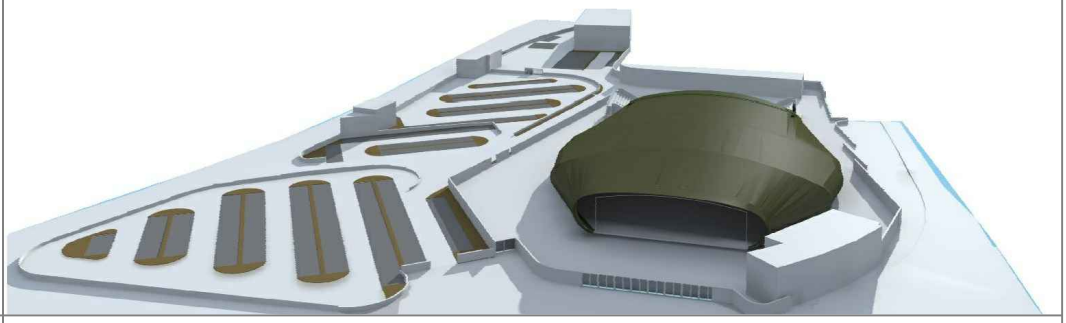
CITTA' DI CATANZARO

SETTORE LL.PP. - PROGETTAZIONE INFRASTRUTTURALE



PROGETTO DEFINITIVO

PROGETTO DI RIQUALIFICAZIONE DELL'AREA MAGNA GRECIA IN CATANZARO LIDO PER LA REALIZZAZIONE DI UN'AREA POLIFUNZIONALE COPERTA

Data

RELAZIONE SULLE STRUTTURE

Elaborato

R.2.A

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Scala

INTESTAZIONE E CONTENUTI DELLA RELAZIONE

Progetto
PROGETTO DI RIQUALIFICAZIONE DELL'AREA MAGNA GRECIA IN CATANZARO LIDO PER LA REALIZZAZIONE DI UN'AREA POLIFUNZIONALE COPERTA.

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- *Affidabilità dei codici utilizzati*
- *Validazione dei codici*
- *Tipo di analisi svolta*
- *Modalità di presentazione dei risultati*
- *Informazioni generali sull'elaborazione*
- *Giudizio motivato di accettabilità dei risultati*

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- *Normative prese a riferimento*
- *Criteri adottati per le misure di sicurezza*
- *Criteri seguiti nella schematizzazione della struttura, dei vincoli e delle sconessioni*
- *Interazione tra terreno e struttura*
- *Legami costitutivi adottati per la modellazione dei materiali e dei terreni*
- *Schematizzazione delle azioni, condizioni e combinazioni di carico*
- *Metodologie numeriche utilizzate per l' analisi strutturale*
- *Metodologie numeriche utilizzate per la progettazione e la verifica degli elementi strutturali*

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RELAZIONE DI CALCOLO STRUTTURALE

Descrizione tipologie strutturali

Il fabbricato si eleva per un piano fuori terra. La struttura dell'edificio è prevista in acciaio con fondazioni superficiali su pali in calcestruzzo armato.
La struttura portante dell'edificio è caratterizzata da cinque archi reticolari in acciaio a sezione trapezioidale che poggiano su cavalletti anch'essi in acciaio; i singoli elementi in acciaio della reticolare hanno sezione circolare. Gli archi in acciaio sono collegati tra di loro tramite travi reticolari in acciaio centrali e perimetrali, l''interasse tra un arco e l'altro è di circa 25 metri.
La nuova costruzione sarà costruita in adiacente agli spalti già esistente nell'area.
La copertura segueirà l'andamento degli archi e delle travi di collegamento ed avrà una doppia curvatura.
Le fondazioni saranno costituite da una fondazione superficiale costituita da otto plinti di dimensioni pari a 8 metri per 12 metri ed alti 2 metri su fondazione profonda costituita da pali di dimensione pari ad un diametro 30 centimetri e profondità 8.50 metri.
La struttura è stata progettata con un analisi Dinamica modale; per la verifica con analisi dinamica lineare e spettro di risposta, saranno considerati almeno 10 modi fondamentali combinati, considerando la possibilità che i modi possano essere correlati . Sono stati trascurati i modi superiori che presentano una massa partecipante non superiore al 5%. La massa partecip ante dovrà essere superiore all'85% della massa totale.
La distanza tra costruzioni contigue deve essere tale da evitare fenomeni di martellamento e comunque non può essere inferiore alla somma degli spostamenti massimi determinati per lo SLU, calcolati per ciascuna costruzione secondo il 7.3.3 (analisi lineare) o il 7.3.4 (analisi non lineare); in ogni caso la distanza tra due punti che si fronteggiano non potrà essere inferiore ad 1/100 della quota dei punti considerati misurata dal piano di f ondazione, moltiplicata per a g /0,35g.

Descrizione escrizione schemi e modelli di calcolo
Per l'edificio, realizzato con struttura portante in elevazione in acciao, verrà condotta la verifica sismica dell'intera struttura, modellata i n ogni sua parte significativa. Nel seguito si riporta una slide che illustra in modo sommario il modello numerico.
Le azioni prese in considerazione nella progettazione e verifica degli elementi strutturali comprendono il peso proprio, i carichi permanenti, i sovraccarichi, come previsto dalle vigenti normative, e le azioni sismiche calcolate secondo normativa vigente. Ai fini delle definizione dell'azione sismica di progetto si è valutata l'influenza delle condizioni litologiche e morfologiche locali sulle caratteristiche del moto del suolo sulla superficie, mediante studi specifici di risposta sismica locale. Da come si evince dalla relazione geologica allegata al progetto in esame le caratteristiche del suolo sono le seguenti.
La struttura non è regolare nè in pianta nè in altezza.

Misura di sicurezza
Il metodo di verifica della sicurezza adottato è quello degli Stati Limite (SL)che prevede due insiemi di verifiche rispettivamente per gli stati limite ultimi SLU (SLV)
e gli stati limite di esercizio SLE (SLD). La sicurezza è quindi garantita progettando i vari elementi resistenti in modo da assicurare che la loro resistenza di calcolo sia sempre maggiore delle corrispondente domanda in termini di azioni di calcolo. Per ogni stato limite deve essere rispettata la con
dizione:
Ed< Rd
Dove Ed è il valore di progetto dell'azione mentre Rd è il valore di progetto della resistenza.
Per la determinazione del modello e dei relativi coefficienti è stato seguito l'Approccio 2.

Descrizione generale dell’opera

Descrizione generale dell’opera	
Ubicazione	Comune di CATANZARO (CZ) (Regione CALABRIA)
	Località CATANZARO (CZ)
	Longitudine 16.586, Latitudine 38.914
Numero di piani	1 Fuori terra
	le dimensioni dell’opera in pianta sono racchiuse in un rettangolo di 80metri per 60 metri
Numero vani scale	0
Numero vani ascensore	0
Tipo di fondazione	Fondazione Superficiale su pali profondi

Principali caratteristiche della struttura	
Struttura regolare in pianta	No
Struttura regolare in altezza	No
Tipo di fondazione	Fondazione superficiale su pali

Parametri della struttura			
Classe d'uso	Vita Vn [anni]	Coeff. Uso	Periodo Vr [anni]
IV	100.0	2.0	200.0

Fattore di struttura
Calcolo del Fattore di struttura q per edificio nuovo Struttura non regolare in pianta, non regolare in altezza, progettata in alta duttilità. Sistema costruttivo: Acciaio Tipologia strutturale: Strutture intelaiate o Strutture con controventi eccentrici Tipologia di edificio: Edifici a un piano q0 =5,00 au/a1 =1,05 Kr =0,80 **Valore fattore di struttura q da utilizzare: 4.20**

Quadro normativo di riferimento adottato

Le norme ed i documenti assunti quale riferimento per la progettazione strutturale vengono indicati di seguito.

Nel capitolo "normativa di riferimento" è comunque presente l'elenco completo delle normative disponibili.

Progetto-verifica degli elementi	
Progetto cemento armato	D.M. 14-01-2008
Progetto acciaio	D.M. 14-01-2008
Progetto legno	D.M. 14-01-2008
Progetto muratura	D.M. 14-01-2008
Azione sismica	
Norma applicata per l' azione sismica	D.M. 14-01-2008

Azioni di progetto sulla costruzione

Nei capitoli "**modellazione delle azioni**" **e "schematizzazione dei casi di carico**" sono indicate le azioni sulla costruzioni.

Nel prosieguo si indicano tipo di analisi strutturale condotta (statico,dinamico, lineare o non lineare) e il metodo adottato per la risoluzione del problema strutturale nonché le metodologie seguite per la verifica o per il progetto-verifica delle sezioni. Si riportano le combinazioni di carico adottate e, nel caso di calcoli non lineari, i percorsi di carico seguiti; le configurazioni studiate per la struttura in esame ***sono risultate effettivamente esaustive per la progettazione-verifica.***

La verifica della sicurezza degli elementi strutturali avviene con i metodi della scienza delle costruzioni. L'analisi strutturale è condotta con il metodo degli spostamenti per la valutazione dello stato tensodeformativo indotto da carichi statici. L'analisi strutturale è condotta con il metodo dell'analisi modale e dello spettro di risposta in termini di accelerazione per la valutazione dello stato tensodeformativo indotto da carichi dinamici (tra cui quelli di tipo sismico).

L'analisi strutturale viene effettuata con il metodo degli elementi finiti. Il metodo sopraindicato si basa sulla schematizzazione della struttura in elementi connessi solo in corrispondenza di un numero prefissato di punti denominati nodi. I nodi sono definiti dalle tre coordinate cartesiane in un sistema di riferimento globale. Le incognite del problema (nell'ambito del metodo degli spostamenti) sono le componenti di spostamento dei nodi riferite al sistema di riferimento globale (traslazioni secondo X, Y, Z, rotazioni attorno X, Y, Z). La soluzione del problema si ottiene con un sistema di equazioni algebriche lineari i cui termini noti sono costituiti dai carichi agenti sulla struttura opportunamente concentrati ai nodi:

K * **u** = **F** dove **K** = matrice di rigidezza

u = vettore spostamenti nodali

F = vettore forze nodali

Dagli spostamenti ottenuti con la risoluzione del sistema vengono quindi dedotte le sollecitazioni e/o le tensioni di ogni elemento, riferite generalmente ad una terna locale all'elemento stesso.

Il sistema di riferimento utilizzato è costituito da una terna cartesiana destrorsa XYZ. Si assume l'asse Z verticale ed orientato verso l'alto.

Gli elementi utilizzati per la modellazione dello schema statico della struttura sono i seguenti:

- Elemento tipo ***TRUSS*** (biella-D2)
- Elemento tipo ***BEAM*** (trave-D2)
- Elemento tipo ***MEMBRANE*** (membrana-D3)
- Elemento tipo ***PLATE*** (piastra-guscio-D3)
- Elemento tipo ***BOUNDARY*** (molla)
- Elemento tipo ***STIFFNESS*** (matrice di rigidezza)
- Elemento tipo ***BRICK*** (elemento solido)
- Elemento tipo ***SOLAIO*** (macro elemento composto da più membrane)

Modello numerico

In questa parte viene descritto il modello numerico utilizzato (o i modelli numerici utilizzati) per l'analisi della struttura. La presentazione delle informazioni deve essere, coerentemente con le prescrizioni del paragrafo 10.2 delle NTC-08, tale da garantirne la leggibilità, la corretta interpretazione e la riproducibilità

Tipo di analisi strutturale	
Statica lineare	SI
Statica non lineare	NO

Sismica statica lineare	NO
Sismica dinamica lineare	SI
Sismica statica non lineare (prop. masse)	NO
Sismica statica non lineare (prop. modo)	NO
Sismica statica non lineare (triangolare)	NO
Non linearità geometriche (fattore P delta)	NO

Di seguito si indicano l'origine e le caratteristiche dei codici di calcolo utilizzati riportando titolo, produttore e distributore, versione, estremi della licenza d'uso:

Informazioni sul codice di calcolo	
Titolo:	PRO_SAP PROfessional Structural Analysis Program
Versione:	2014
Produttore-Distributore:	2S.I. Software e Servizi per l'Ingegneria s.r.l., Ferrara

Un attento esame preliminare della documentazione a corredo del software ***ha consentito di valutarne l'affidabilità e soprattutto l'idoneità al caso specifico***. La documentazione, fornita dal produttore e distributore del software, contiene una esauriente descrizione delle basi teoriche e degli algoritmi impiegati, l'individuazione dei campi d'impiego, nonché casi prova interamente risolti e commentati, corredati dei file di input necessari a riprodurre l'elaborazione:

Affidabilità dei codici utilizzati
2S.I. ha verificato l'affidabilità e la robustezza del codice di calcolo attraverso un numero significativo di casi prova in cui i risultati dell'analisi numerica sono stati confrontati con soluzioni teoriche. E' possibile reperire la documentazione contenente alcuni dei più significativi casi trattati al seguente link: http://www.2si.it/Software/Affidabilità.htm

Modellazione della geometria e proprietà meccaniche:	
nodi	1968
elementi D2 (per aste, travi, pilastri…)	3895
elementi D3 (per pareti, platee, gusci…)	768
elementi solaio	0
elementi solidi	0
Dimensione del modello strutturale [cm]:	
X min =	-520.00
Xmax =	8230.00
Ymin =	-600.00
Ymax =	7600.00
Zmin =	0.00
Zmax =	1552.00
Strutture verticali:	
Elementi di tipo asta	NO
Pilastri	NO
Pareti	NO
Setti (a comportamento membranale)	NO
Strutture non verticali:	
Elementi di tipo asta	SI
Travi	SI
Gusci	SI
Membrane	NO
Orizzontamenti:	
Solai con la proprietà piano rigido	NO
Solai senza la proprietà piano rigido	NO
Tipo di vincoli:	
Nodi vincolati rigidamente	NO

Nodi vincolati elasticamente	NO
Nodi con isolatori sismici	NO
Fondazioni puntuali (plinti/plinti su palo)	SI
Fondazioni di tipo trave	NO
Fondazioni di tipo platea	NO
Fondazioni con elementi solidi	NO

Modellazione delle azioni

Si veda il capitolo **"Schematizzazione dei casi di carico"** per le informazioni necessarie alla comprensione ed alla ricostruzione delle azioni applicate al modello numerico, coerentemente con quanto indicato nella parte "*2.6. Azioni di progetto sulla costruzione*".

Combinazioni e/o percorsi di carico

Si veda il capitolo **"Definizione delle combiazioni"** in cui sono indicate le combinazioni di carico adottate e, nel caso di calcoli non lineari, i percorsi di carico seguiti.

Combinazioni dei casi di carico	
APPROCCIO PROGETTUALE	Approccio 2
Tensioni ammissibili	NO
SLU	SI
SLV (SLU con sisma)	SI
SLC	NO
SLD	SI
SLO	NO
SLU GEO A2 (per approccio 1)	NO
SLU EQU	NO
Combinazione caratteristica (rara)	SI
Combinazione frequente	SI

Combinazione quasi permanente (SLE)	SI
SLA (accidentale quale incendio)	SI

Principali risultati

I risultati devono costituire una sintesi completa ed efficace, presentata in modo da riassumere il comportamento della struttura, per ogni tipo di analisi svolta.

2.8.1. Risultati dell'analisi modale

Viene riportato il tipo di analisi modale condotta, restituiti i risultati della stessa e valutate le informazioni desumibili in merito al comportamento della struttura.

2.8.2. Deformate e sollecitazioni per condizioni di carico

Vengono riportati i principali risultati atti a descrivere il comportamento della struttura, in termini di stati di sollecitazione e di deformazione generalizzata, distinti per condizione elementare di carico o per combinazioni omogenee delle stesse.

2.8.3. Inviluppo delle sollecitazioni maggiormente significativeL'analisi e la restituzione degli inviluppi (nelle combinazioni considerate agli SLU e agli SLE) delle caratteristiche di sollecitazione devono essere finalizzate alla valutazione dello stato di sollecitazione nei diversi elementi della struttura.

2.8.4. Reazioni vincolari

Vengono riportate le reazioni dei vincoli nelle singole condizioni di carico e/o nelle combinazioni considerate.

2.8.5. Altri risultati significativi

Nella presente parte vengono riportati tutti gli altri risultati che il progettista ritiene di interesse per la descrizione e la comprensione del/i modello/i e del comportamento della struttura.

La presente relazione, oltre a illustrare in modo esaustivo i dati in ingresso e i risultati delle analisi in forma tabellare, riporta una serie di immagini:

per i dati in ingresso:

- modello solido della struttura
- numerazione di nodi e ed elementi
- configurazioni di carico statiche
- configurazioni di carico sismiche con baricentri delle masse e eccentricità

per le combinizioni più significative (statisticamente più gravose per la struttura)

- configurazioni deformate
- diagrammi e inviluppi delle azioni interne

- mappe delle tensioni
- reazioni vincolari
- mappe delle pressioni sul terreno

per il progetto-verifica degli elementi

- diagrammi di armatura
- percentuali di sfruttamento
- mappe delle verifiche più significative per i vari stati limite

Informazioni generali sull'elaborazione e giudizio motivato di accettabilità dei risultati.

Il programma prevede una serie di controlli automatici (check) che consentono l'individuazione di errori di modellazione. Al termine dell'analisi un controllo automatico identifica la presenza di spostamenti o rotazioni abnormi. Si può pertanto asserire che l' elaborazione sia corretta e completa. I risultati delle elaborazioni sono stati sottoposti a controlli che ne comprovano l'attendibilità. Tale valutazione ha compreso il confronto con i risultati di semplici calcoli, eseguiti con metodi tradizionali e adottati, anche in fase di primo proporzionamento della struttura. Inoltre, sulla base di considerazioni riguardanti gli stati tensionali e deformativi determinati, si è valutata la validità delle scelte operate in sede di schematizzazione e di modellazione della struttura e delle azioni. Si allega al termine della presente relazione elenco sintetico dei controlli svolti (verifiche di equilibrio tra reazioni vincolari e carichi applicati, comparazioni tra i risultati delle analisi e quelli di valutazioni semplificate, etc.) .

Verifiche agli stati limite ultimi

Nel capitolo relativo alla progettazione degli elementi strutturali agli SLU vengono indicate, con riferimento alla normativa adottata, le modalità ed i criteri seguiti per valutare la sicurezza della struttura nei confronti delle possibili situazioni di crisi ed i risultati delle valutazioni svolte. In via generale, oltre alle verifiche di resistenza e di spostamento, devono essere prese in considerazione verifiche nei confronti dei fenomeni di instabilità, locale e globale, di fatica, di duttilità, di degrado.

Verifiche agli stati limite di esercizio

Nel capitolo relativo alla progettazione degli elementi strutturali agli SLU vengono indicate, con riferimento alla normativa adottata, le modalità seguite per valutare l'affidabilità della struttura nei confronti delle possibili situazioni di perdita di funzionalità (per eccessive deformazioni, fessurazioni, vibrazioni, etc.) ed i risultati delle valutazioni svolte.

RELAZIONE SUI MATERIALI

Il capitolo Materiali riportata informazioni esaustive relative all'elenco dei materiali impiegati e loro modalità di posa in opera e ai valori di calcolo.

NORMATIVA DI RIFERIMENTO

1. D.Min. Infrastrutture Min. Interni e Prot. Civile 14 Gennaio 2008 e allegate "Norme tecniche per le costruzioni".
2. D.Min. Infrastrutture e trasporti 14 Settembre 2005 e allegate "Norme tecniche per le costruzioni".
3. D.M. LL.PP. 9 Gennaio 1996 "Norme tecniche per il calcolo, l'esecuzione ed il collaudo delle strutture in cemento armato, normale e precompresso e per le strutture metalliche".
4. D.M. LL.PP. 16 Gennaio 1996 "Norme tecniche relative ai <<Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi>>".
5. D.M. LL.PP. 16 Gennaio 1996 "Norme tecniche per le costruzioni in zone sismiche".
6. Circolare 4/07/96, n.156AA.GG./STC. istruzioni per l'applicazione delle "Norme tecniche relative ai <<Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi>>" di cui al D.M. 16/01/96.
7. Circolare 10/04/97, n.65AA.GG. istruzioni per l'applicazione delle "Norme tecniche per le costruzioni in zone sismiche" di cui al D.M. 16/01/96.
8. D.M. LL.PP. 20 Novembre 1987 "Norme tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento".
9. Circolare 4 Gennaio 1989 n. 30787 “Istruzioni in merito alle norme tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento”.
10. D.M. LL.PP. 11 Marzo 1988 “Norme tecniche riguardanti le indagini sui terreni e sulle rocce, la stabilità dei pendii naturali e delle scarpate, i criteri generali e le prescrizioni per la progettazione, l'esecuzione e il collaudo delle opere di sostegno delle terre e delle opere di fondazione”.
11. D.M. LL.PP. 3 Dicembre 1987 “Norme tecniche per la progettazione, esecuzione e collaudo delle costruzioni prefabbricate”.
12. UNI 9502 - Procedimento analitico per valutare la resistenza al fuoco degli elementi costruttivi di conglomerato cementizio armato, normale e precompresso - edizione maggio 2001
13. Ordinanza del Presidente del Consiglio dei Ministri n. 3274 del 20 marzo 2003 “Primi elementi in materia di criteri generali per la classificazione sismica del territorio nazionale e di normative tecniche per le costruzioni in zona sismica” e successive modificazioni e integrazioni.
14. UNI EN 1990:2006 13/04/2006 Eurocodice 0 - Criteri generali di progettazione strutturale.
15. UNI EN 1991-1-1:2004 01/08/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-1: Azioni in generale - Pesi per unità di volume, pesi propri e sovraccarichi per gli edifici.
16. UNI EN 1991-2:2005 01/03/2005 Eurocodice 1 - Azioni sulle strutture - Parte 2: Carichi da traffico sui ponti.
17. UNI EN 1991-1-3:2004 01/10/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-3: Azioni in generale - Carichi da neve.
18. UNI EN 1991-1-4:2005 01/07/2005 Eurocodice 1 - Azioni sulle strutture - Parte 1-4: Azioni in generale - Azioni del vento.
19. UNI EN 1991-1-5:2004 01/10/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-5: Azioni in generale - Azioni termiche.
20. UNI EN 1992-1-1:2005 24/11/2005 Eurocodice 2 - Progettazione delle strutture di calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici.
21. UNI EN 1992-1-2:2005 01/04/2005 Eurocodice 2 - Progettazione delle strutture di calcestruzzo - Parte 1-2: Regole generali - Progettazione strutturale contro l'incendio.
22. UNI EN 1993-1-1:2005 01/08/2005 Eurocodice 3 - Progettazione delle strutture di acciaio - Parte 1-1: Regole generali e regole per gli edifici.
23. UNI EN 1993-1-8:2005 01/08/2005 Eurocodice 3 - Progettazione delle strutture di acciaio - Parte 1-8: Progettazione dei collegamenti.
24. UNI EN 1994-1-1:2005 01/03/2005 Eurocodice 4 - Progettazione delle strutture composte acciaio-calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici.
25. UNI EN 1994-2:2006 12/01/2006 Eurocodice 4 - Progettazione delle strutture composte acciaio-calcestruzzo - Parte 2: Regole generali e regole per i ponti.
26. UNI EN 1995-1-1:2005 01/02/2005 Eurocodice 5 - Progettazione delle strutture di legno - Parte 1-1: Regole generali – Regole comuni e regole per gli edifici.
27. UNI EN 1995-2:2005 01/01/2005 Eurocodice 5 - Progettazione delle strutture di legno - Parte 2: Ponti.
28. UNI EN 1996-1-1:2006 26/01/2006 Eurocodice 6 - Progettazione delle strutture di muratura - Parte 1-1: Regole generali per strutture di muratura armata e non armata.
29. UNI EN 1996-3:2006 09/03/2006 Eurocodice 6 - Progettazione delle strutture di muratura - Parte 3: Metodi di calcolo semplificato per strutture di muratura non armata.
30. UNI EN 1997-1:2005 01/02/2005 Eurocodice 7 - Progettazione geotecnica - Parte 1: Regole generali.
31. UNI EN 1998-1:2005 01/03/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 1: Regole generali, azioni sismiche e regole per gli edifici.
32. UNI EN 1998-3:2005 01/08/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 3: Valutazione e adeguamento degli edifici.

UNI EN 1998-5:2005 01/01/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 5: Fondazioni, strutture di contenimento ed aspetti geotecnici.

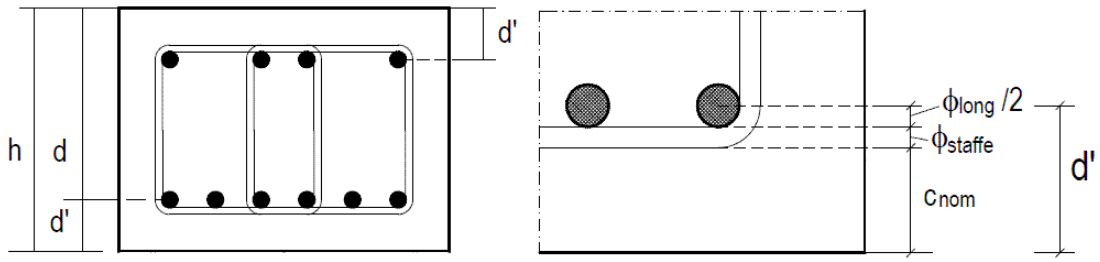
NOTA sul capitolo "normativa di riferimento": riporta l' elenco delle normative implementate nel software. Le norme utilizzate per la struttura oggetto della presente relazione sono indicate nel precedente capitolo "RELAZIONE DI CALCOLO STRUTTURALE" "ANALISI E VERIFICHE SVOLTE CON L'AUSILIO DI CODICI DI CALCOLO". Laddove nei capitoli successivi vengano richiamate norme antecedenti al DM 14.01.08 è dovuto o a progettazione simulata di edifico esistente o ad applicazione del punto 2.7 del DM 14.01.08

MATERIALI E COPRIFERRI PER STRUTTURE IN CA

Classe di esposizione ambientale	Copriferro $c_{min,dur}$ [mm]							
	15	25	30	35	40	45	50	55
XC1	C25/30, 0.60, 300							
XC2	C25/30, 0.60, 300							
XC3	C28/35, 0.55, 320							
XC4	C32/40, 0.50, 340							
XD1	C28/35, 0.55, 320							
XD2	C35/45, 0.45, 360							
XD3	C35/45, 0.45, 360							
XS1	C28/35, 0.55, 320							
XS2	C35/45, 0.45, 360							
XS3	C35/45, 0.45, 360							
XF1	C28/35, 0,50, 320							
XF2 – XF3	C25/30, 0,50, 340							
XF4	C28/35, 0,45, 360							
XA1	C28/35, 0,55, 320							
XA2	C32/40, 0,50, 340							
XA3	C35/45, 0,45, 360							

$$c_{nom} = \max(c_{min,b}, c_{min,dur}) + 10 \ (mm) \geq 20 \ mm$$

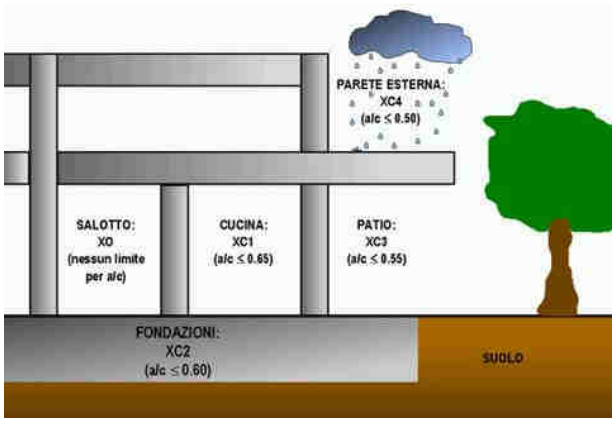
$c_{min,b} = \phi\sqrt{n_b}$ n_b numero di barre di un eventuale gruppo di barre; per barra singola $n_b = 1$.

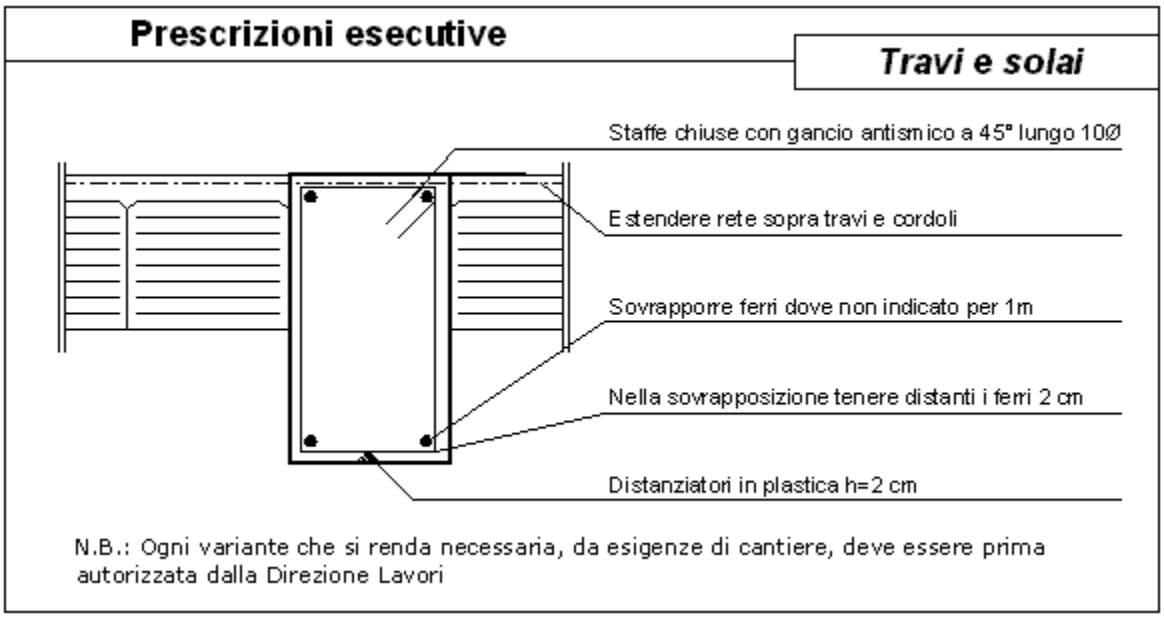


Altezze d e d'

DURABILITA’

1 Nessun rischio di corrosione o di attacco		
X0	Calcestruzzo privo di armatura o inserti metallici: tutte le esposizioni eccetto dove c’è gelo/disgelo, abrasione o attacco chimico. Calcestruzzo con armatura o inserti metallici molto asciutto.	Calcestruzzo all’interno di edifici con umidità dell’aria molto bassa.
2 Corrosione indotta da carbonatazione		
XC1	Asciutto o permanentemente bagnato	Calcestruzzo all’interno di edifici con bassa umidità relativa. Calcestruzzo costantemente immerso in acqua
XC2	Bagnato, raramente asciutto	Superfici di calcestruzzo a contatto con acqua per lungo tempo. Molte fondazioni
XC3	Umidità moderata	Calcestruzzo all’interno di edifici con umidità dell’aria moderata oppure elevata. Calcestruzzo esposto all’esterno protetto dalla pioggia
XC4	Ciclicamente bagnato e asciutto	Superfici di calcestruzzo soggette al contatto con acqua, non nella classe di esposizione XC2
3 Corrosione indotta da cloruri		
XD1	Umidità moderata	Superfici di calcestruzzo esposte a nebbia salina
XD2	Bagnato, raramente asciutto	Piscine. Calcestruzzo esposto ad acque industriali contenenti cloruri
XD3	Ciclicamente bagnato ed asciutto	Parti di ponti esposte a spruzzi contenenti cloruri Pavimentazioni stradali e di parcheggi
4 Corrosione indotta da cloruri presenti nell’acqua di mare		
XS1	Esposto a nebbia salina ma non in contatto diretto con acqua di mare	Strutture prossime oppure sulla costa
XS2	Permanentemente sommerso	Parti di strutture marine
XS3	Zone esposte alle onde, agli spruzzi oppure alle maree	Parti di strutture marine
5 Attacco di cicli gelo/disgelo		
XF1	Moderata saturazione d’acqua, senza impiego di agente antigelo	Superfici verticali di calcestruzzo esposte alla pioggia e al gelo
XF2	Moderata saturazione d’acqua, con uso di agente antigelo	Superfici verticali di calcestruzzo di strutture stradali esposte al gelo e nebbia di agenti antigelo
XF3	Elevata saturazione d’acqua, senza antigelo	Superfici orizzontali di calcestruzzo esposte alla pioggia e al gelo
XF4	Elevata saturazione d’acqua, con antigelo oppure acqua di mare	Strade e impalcati da ponte esposti agli agenti antigelo Superfici di calcestruzzo esposte direttamente a nebbia contenente agenti antigelo e al gelo
6. Attacco chimico		
XA1	Ambiente chimico debolmente aggressivo	Suoli naturali ed acqua del terreno
XA2	Ambiente chimico moderatamente aggressivo	Suoli naturali ed acqua del terreno
XA3	Ambiente chimico fortemente aggressivo	Suoli naturali ed acqua del terreno





- Sovrapporre i ferri nelle riprese per almeno 60 diametri ;
- Impiegare distanziatori in plastica o pasta di cemento per garantire un copriferro (misurato dall'esterno ferro e non dal baricentro ferro) di almeno cm 2,5 per le travi e cm 3 per i pilastri (a meno di prescrizioni superiori per esigenze di REI) ;
- Estendere la rete nella soletta dei solai fino all'esterno cordolo o travi ;
- Sovrapporre le reti di cui sopra per almeno cm 20 ;
- Ancorare i ferri aggiuntivi superiori dei solai all'esterno delle travi di bordo, curando di tenere il baricentro a circa 2.5 cm dal filo superiore del getto della caldana del solaio ;
- Nella giunzione per sovrapposizione dei ferri, non legare i due ferri fra loro, ma tenerli distanziati di almeno cm 2 (interferro).

CARATTERISTICHE MATERIALI UTILIZZATI

LEGENDA TABELLA DATI MATERIALI

Il programma consente l'uso di materiali diversi. Sono previsti i seguenti tipi di materiale:

1	materiale tipo cemento armato
2	materiale tipo acciaio
3	materiale tipo muratura
4	materiale tipo legno
5	materiale tipo generico

I materiali utilizzati nella modellazione sono individuati da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni materiale vengono riportati in tabella i seguenti dati:

Young	modulo di elasticità normale
Poisson	coefficiente di contrazione trasversale
G	modulo di elasticità tangenziale
Gamma	peso specifico
Alfa	coefficiente di dilatazione termica

I dati soprariportati vengono utilizzati per la modellazione dello schema statico e per la determinazione dei carichi inerziali e termici. In relazione al tipo di materiale vengono riportati inoltre:

1	***cemento armato***		
		Rck	resistenza caratteristica cubica
		Fctm	resistenza media a trazione semplice
2	***acciaio***		
		Ft	tensione di rottura a trazione
		Fy	tensione di snervamento
		Fd	resistenza di calcolo
		Fdt	resistenza di calcolo per spess. t>40 mm
		Sadm	tensione ammissibile
		Sadmt	tensione ammissibile per spess. t>40 mm
3	***muratura***		
		Resist. Fk	resistenza caratteristica a compressione
		Resist. Fvko	resistenza caratteristica a taglio
4	***legno***		
		Resist. fc0k	Resistenza caratteristica (tensione amm. per REGLES) per compressione
		Resist. ft0k	Resistenza caratteristica (tensione amm. per REGLES) per trazione
		Resist. fmk	Resistenza caratteristica (tensione amm. per REGLES) per flessione
		Resist. fvk	Resistenza caratteristica (tensione amm. per REGLES) per taglio
		Modulo E0,05	Modulo elastico parallelo caratteristico
		Lamellare	lamellare o massiccio

Vengono inoltre riportate le tabelle conteneti il riassunto delle nformazioni assegnate nei criteri di progetto in uso.

Con riferimento al **Documento di Affidabilità** "*Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST*" - versione Maggio 2011, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Modellazione di strutture in c.a.

Test N°	Titolo
41	GERARCHIA DELLE RESISTENZE PER TRAVI IN C.A.
42	GERARCHIA DELLE RESISTENZE PER PILASTRI IN C.A.
43	VERIFICA ALLE TA DI STRUTTURE IN C.A.
44	VERIFICA AGLI SLU DI STRUTTURE IN C.A.
45	VERIFICA A PUNZONAMENTO ALLO SLU DI PIASTRE IN C.A.
46	VERIFICA A PUNZONAMENTO ALLO SLU DI TRAVI IN C.A.
47	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 9/1/96
48	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 14/1/2008
49	VERIFICA ALLO SLE (TENSIONI E FESSURAZIONE) DI STRUTTURE IN C.A.
50	VERIFICA ALLO SLE (DEFORMAZIONE) DI STRUTTURE IN C.A.
51	FATTORE DI STRUTTURA
52	SOVRARESISTENZE
53	DETTAGLI COSTRUTTIVI C.A.: LIMITI D'ARMATURA PILASTRI E NODI TRAVE-PILASTRO
54	PARETI IN C.A. SNELLE IN ZONA SISMICA
80	ANALISI PUSHOVER DI UN EDIFICIO IN C.A.
120	PROGETTO E VERIFICA DI TRAVI PREM

Modellazione di strutture in acciaio

Test N°	Titolo
55	VERIFICA DI STABILITA' DI ASTE COMPRESSE IN ACCIAIO – METODO OMEGA
56	LUCE LIBERA DI TRAVI E ASTE IN ACCIAIO
57	LUCE LIBERA DI COLONNE IN ACCIAIO
58	SVERGOLAMENTO DI TRAVI IN ACCIAIO

59	FATTORE DI STRUTTURA
60	ACCIAIO D.M.2008
61	ACCIAIO EC3
62	GERARCHIA RESISTENZE STRUTTURE IN ACCIAIO
63	STABILITA' DI ASTE COMPOSTE IN ACCIAIO
73	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO CON PRESENZA IRRIGIDIMENTI TRASVERSALI
74	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO CON PRESENZA DI UN PIATTO DI RINFORZO SALDATO ALL'ANIMA DELLA COLONNA
75	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO CON PRESENZA DI DUE PIATTI DI RINFORZO SALDATI ALL'ANIMA DELLA COLONNA
76	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO A DUE VIE SU ALI COLONNA
77	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO A UNA VIA CON DUE COMBINAZIONI DI CARICO
78	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO SU ANIMA SENZA RINFORZI A QUATTRO FILE DI BULLONI DI CUI UNA SU PIASTRA INFERIORE E UNA SU PIASTRA SUPERIORE
79	VERIFICA DELLA PIASTRA NODO TRAVE COLONNA
85	TELAIO ACCIAIO: CONTROVENTI CONCENTRICI

Modellazione di strutture in muratura

Test N°	Titolo
81	ANALISI PUSHOVER DI UNA STRUTTURA IN MURATURA
84	ANALISI ELASTO PLASTICA INCREMENTALE, PARETE IN MURATURA
86	VERIFICA NON SISMICA DELLE MURATURE (D.M. 87 TA)
87	VERIFICA NON SISMICA DELLE MURATURE (D.M. 2005 SL)
88	FATTORE DI STRUTTURA

Modellazione di strutture in legno

Test N°	Titolo
17	SOLAIO: MISTO LEGNO-CALCESTRUZZO
89	VERIFICA ALLO SLU DI STRUTTURE IN LEGNO SECONDO EC5
90	VERIFICA ALLO SLE DI STRUTTURE IN LEGNO SECONDO EC5
91	FATTORE DI STRUTTURA
92	VERIFICHE EC5
93	SNELLEZZE EC5
94	VERIFICA AL FUOCO DI STRUTTURE IN LEGNO SECONDO EC5
117	PROGETTO E VERIFICA DI GUSCI IN MATERIALE XLAM
118	PROGETTO E VERIFICA DI PARETI IN MATERIALE XLAM E RELATIVI COLLEGAMENTI
119	PROGETTO E VERIFICA DI SOLAI IN MATERIALE XLAM

Id	Tipo / Note		Young	Poisson	G	Gamma	Alfa
		daN/cm2	daN/cm2		daN/cm2	daN/cm3	
6	Calcestruzzo Classe C40/50		3.550e+05	0.20	1.479e+05	2.50e-03	1.00e-05
	Rck	500.0					
	fctm	36.0					
11	acciaio Fe430 - S275		2.100e+06	0.30	8.077e+05	7.80e-03	1.20e-05
	ft	4300.0					
	fy	2750.0					
	fd	2750.0					
	fdt	2500.0					
	sadm	1900.0					
	sadmt	1700.0					

Aste acc.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Beta assegnato	0.80					
Verifica come controvento	No					
Usa condizioni I e II	Si					
Coefficiente gamma M0	1.05					
Coefficiente gamma M1	1.05					
Coefficiente gamma M2	1.25					

Pilastri acc.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Lunghezze libere						
Metodo di calcolo 2-2	Assegnato					
2-2 Beta assegnato	2.00					
2-2 Beta * L assegnato [cm]	0.0					
Metodo di calcolo 3-3	Assegnato					
3-3 Beta assegnato	2.00					
3-3 Beta * L assegnato [cm]	0.0					
1-1 Beta assegnato	1.00					

Pilastri acc.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
1-1 Beta * L assegnato [cm]	0.0					
Generalità						
Coefficiente gamma M0	1.05					
Coefficiente gamma M1	1.05					
Coefficiente gamma M2	1.25					
Effetti del 2 ordine	Si					
Momenti equivalenti	Si					
Usa condizioni I e II	Si					

Travi acc.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Lunghezze libere						
3-3 Beta * L automatico	Si					
3-3 Beta assegnato	1.00					
3-3 Beta assegnato [cm]	0.0					
2-2 Beta * L automatico	Si					
2-2 Beta assegnato	1.00					
2-2 Beta * L assegnato [cm]	0.0					
1-1 Beta * L automatico	Si					
1-1 Beta assegnato	1.00					
1-1 Beta * L assegnato [cm]	0.0					
Generalità						
Coefficiente gamma M0	1.05					
Coefficiente gamma M1	1.05					
Coefficiente gamma M2	1.25					
Luce di taglio per GR [cm]	1.00					
Usa condizioni I e II	Si					
Momenti equivalenti	Si					

Pareti c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Progetto armatura	Composto con parete sismica					
Armatura						
Inclinazione Av [gradi]	90.00					
Angolo Av-Ao [gradi]	90.00					
Minima tesa	0.25					
Massima tesa	4.00					
Maglia unica centrale	No					
Copriferro [cm]	2.00					
Maglia V						
diametro	10					
passo	25					
diametro aggiuntivi	12					
Maglia O						
diametro	8					
passo	25					
diametro aggiuntivi	8					
Stati limite ultimi						
Tensione fy [daN/cm2]	4500.00					
Tipo acciaio	tipo C					
Coefficiente gamma s	1.15					
Coefficiente gamma c	1.50					
Fattore di confidenza FC	0.0					
Verifiche con N costante	Si					
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	97.50					
Tensione amm. acciaio [daN/cm2]	2600.00					
Rapporto omogeneizzazione N	15.00					
Massimo rapporto area compressa/tesa	1.00					
Parete sismica						
Fattore amplificazione taglio V	1.50					
Hcrit. par. 7.4.4.5.1 [cm]	0.0					
Hcrit. par. 7.4.6.1.4 [cm]	0.0					
Usa diagramma di fig. 7.4.2	Si					
Verifica come fascia	No					
Zona confinata						

Pareti c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Minima tesa	1.00					
Massima tesa	4.00					
Distanza barre [cm]	2.00					
Interferro	2					
Armatura inclinata						
Area barre [cm2]	0.0					
Angolo orizzontale [gradi]	0.0					
Distanza di base [cm]	0.0					
Resistenza al fuoco						
3- intradosso	No					
3+ estradosso	No					
Tempo di esposizione R	15					

Gusci c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Armatura						
Inclinazione Ax [gradi]	0.0					
Angolo Ax-Ay [gradi]	90.00					
Minima tesa	0.31					
Massima tesa	0.78					
Maglia unica centrale	No					
Copriferro [cm]	2.00					
Maglia x						
diametro	10					
passo	20					
diametro aggiuntivi	12					
Maglia y						
diametro	10					
passo	20					
diametro aggiuntivi	12					
Stati limite ultimi						
Tensione fy [daN/cm2]	4500.00					
Tipo acciaio	tipo C					
Coefficiente gamma s	1.15					
Coefficiente gamma c	1.50					
Fattore di confidenza FC	0.0					
Verifiche con N costante	Si					
Applica SLU da DIN	No					
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	97.50					
Tensione amm. acciaio [daN/cm2]	2600.00					
Rapporto omogeneizzazione N	15.00					
Massimo rapporto area compressa/tesa	1.00					
Resistenza al fuoco						
3- intradosso	No					
3+ estradosso	No					
Tempo di esposizione R	15					

Travi c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Progetta a filo	No					
Af inf: da q*L*L /	0.0					
Armatura						
Minima tesa	0.31					
Minima compressa	0.31					
Massima tesa	0.78					
Da sezione	Si					
Usa armatura teorica	No					
Stati limite ultimi						
Tensione fy [daN/cm2]	4500.00					
Tensione fy staffe [daN/cm2]	4500.00					
Tipo acciaio	tipo C					
Coefficiente gamma s	1.15					
Coefficiente gamma c	1.50					
Fattore di confidenza FC	0.0					
Verifiche con N costante	Si					

Travi c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Fattore di ridistribuzione	0.0					
Modello per il confinamento						
Relazione tensio-deformativa	Mander					
Incrudimento acciaio	5.000e-03					
Fattore lambda	1.00					
epsilon max,s	4.000e-02					
epsilon cu2	4.500e-03					
epsilon c2	0.0					
epsilon cy	0.0					
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	97.50					
Tensione amm. acciaio [daN/cm2]	2600.00					
Rapporto omogeneizzazione N	15.00					
Massimo rapporto area compressa/tesa	1.00					
Staffe						
Diametro staffe	0.0					
Passo minimo [cm]	4.00					
Passo massimo [cm]	30.00					
Passo raffittito [cm]	15.00					
Lunghezza zona raffittita [cm]	50.00					
Ctg(Teta) Max	2.50					
Percentuale sagomati	0.0					
Luce di taglio per GR [cm]	1.00					
Adotta scorrimento medio	No					
Torsione non essenziale inclusa	Si					

Pilastri c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Progetto armatura	Privilegia lati					
Progetta a filo	No					
Effetti del 2 ordine	Si					
Beta per 2-2	1.00					
Beta per 3-3	1.00					
Armatura						
Massima tesa	4.00					
Minima tesa	1.00					
Stati limite ultimi						
Tensione fy [daN/cm2]	4500.00					
Tensione fy staffe [daN/cm2]	4500.00					
Tipo acciaio	tipo C					
Coefficiente gamma s	1.15					
Coefficiente gamma c	1.50					
Fattore di confidenza FC	0.0					
Verifiche con N costante	Si					
Modello per il confinamento						
Relazione tensio-deformativa	Mander					
Incrudimento acciaio	5.000e-03					
Fattore lambda	1.00					
epsilon max,s	4.000e-02					
epsilon cu2	4.500e-03					
epsilon c2	0.0					
epsilon cy	0.0					
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	97.50					
Tensione amm. acciaio [daN/cm2]	2600.00					
Rapporto omogeneizzazione N	15.00					
Staffe						
Diametro staffe	0.0					
Passo minimo [cm]	5.00					
Passo massimo [cm]	25.00					
Passo raffittito [cm]	15.00					
Lunghezza zona raffittita [cm]	45.00					
Ctg(Teta) Max	2.50					
Luce di taglio per GR [cm]	1.00					
Massimizza gerarchia	Si					

MODELLAZIONE DELLE SEZIONI

LEGENDA TABELLA DATI SEZIONI

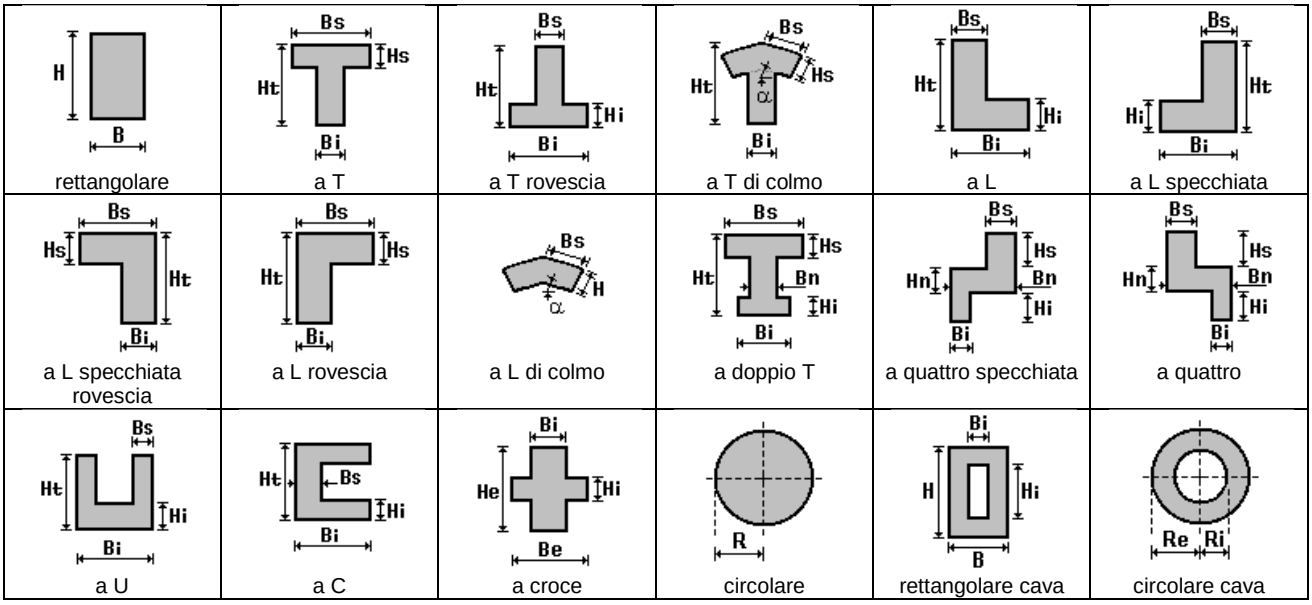
Il programma consente l'uso di sezioni diverse. Sono previsti i seguenti tipi di sezione:

1 sezione di tipo generico
2 profilati semplici
3 profilati accoppiati e speciali

Le sezioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni sezione vengono riportati in tabella i seguenti dati:

Area	area della sezione
A V2	area della sezione/fattore di taglio (per il taglio in direzione 2)
A V3	area della sezione/fattore di taglio (per il taglio in direzione 3)
Jt	fattore torsionale di rigidezza
J2-2	momento d'inerzia della sezione riferito all'asse 2
J3-3	momento d'inerzia della sezione riferito all'asse 3
W2-2	modulo di resistenza della sezione riferito all'asse 2
W3-3	modulo di resistenza della sezione riferito all'asse 3
Wp2-2	modulo di resistenza plastico della sezione riferito all'asse 2
Wp3-3	modulo di resistenza plastico della sezione riferito all'asse 3

I dati sopraripportati vengono utilizzati per la determinazione dei carichi inerziali e per la definizione delle rigidezze degli elementi strutturali; qualora il valore di Area V2 (e/o Area V3) sia nullo la deformabilità per taglio V2 (e/o V3) è trascurata. La valutazione delle caratteristiche inerziali delle sezioni è condotta nel riferimento 2-3 dell'elemento.



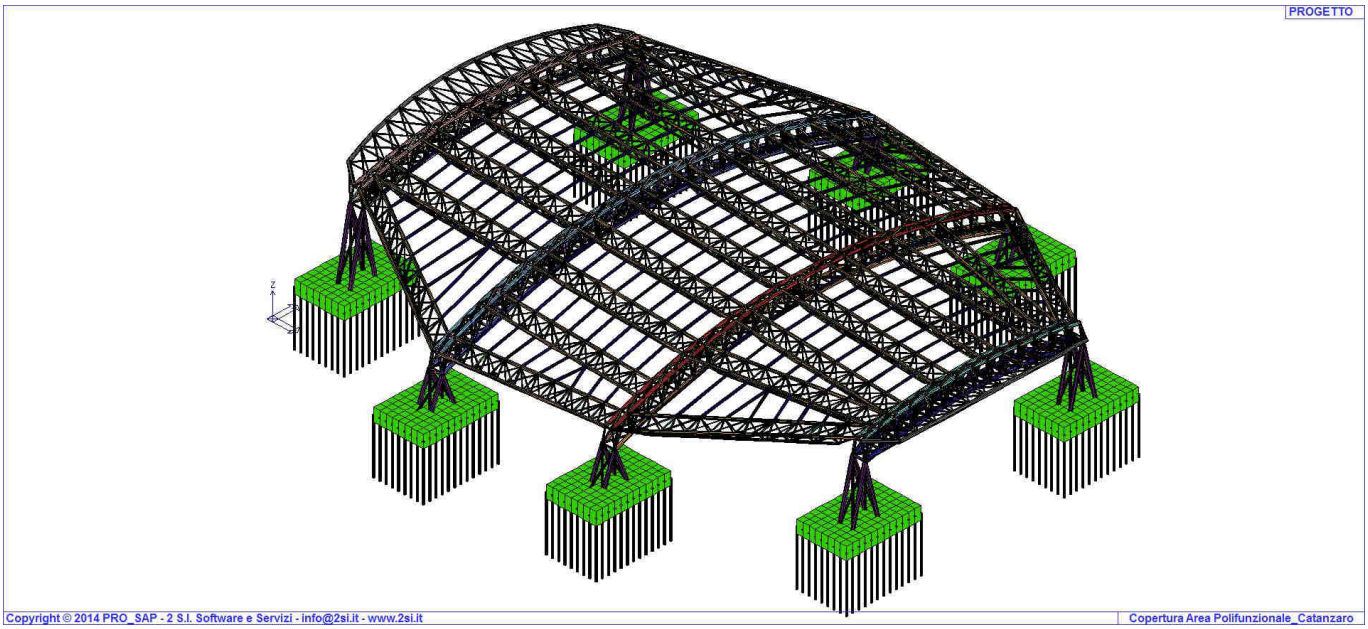
Per quanto concerne i profilati semplici ed accoppiati l'asse 2 del riferimento coincide con l'asse x riportato nei più diffusi profilatari.

Per quanto concerne le sezioni di tipo generico (tipo 1.):
i valori dimensionali con prefisso B sono riferiti all'asse 2
i valori dimensionali con prefisso H sono riferiti all'asse 3

Con riferimento al **Documento di Affidabilità** "*Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST*" - versione Maggio 2011, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
1	CARATTERISTICHE GEOMETRICHE E INERZIALI
44	VERIFICA AGLI SLU DI STRUTTURE IN C.A.
47	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 9/1/96
48	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 14/1/2008
49	VERIFICA ALLO SLE (TENSIONI E FESSURAZIONE) DI STRUTTURE IN C.A.
50	VERIFICA ALLO SLE (DEFORMAZIONE) DI STRUTTURE IN C.A.
95	ANALISI DI RESISTENZA AL FUOCO

Id	Tipo	Area	A V2	A V3	Jt	J 2-2	J 3-3	W 2-2	W 3-3	Wp 2-2	Wp 3-3
		cm2	cm2	cm2	cm4	cm4	cm4	cm3	cm3	cm3	cm3
1	TUBO 508.0x12.5	194.58	0.0	0.0	1.195e+05	5.976e+04	5.976e+04	2352.57	2352.57	3069.65	3069.65
2	TUBO 508.0x12.5	194.58	0.0	0.0	1.195e+05	5.976e+04	5.976e+04	2352.57	2352.57	3069.65	3069.65
3	TUBO 219.1x5.0	33.63	0.0	0.0	3856.09	1928.04	1928.04	176.00	176.00	229.24	229.24
4	TUBO 273.0x5.6	47.04	0.0	0.0	8413.03	4206.52	4206.52	308.17	308.17	400.47	400.47
5	TUBO 508.0x12.5	194.58	0.0	0.0	1.195e+05	5.976e+04	5.976e+04	2352.57	2352.57	3069.65	3069.65
6	TUBO 508.0x12.5	194.58	0.0	0.0	1.195e+05	5.976e+04	5.976e+04	2352.57	2352.57	3069.65	3069.65
7	TUBO 323.9x5.0	50.09	0.0	0.0	1.274e+04	6369.42	6369.42	393.30	393.30	508.53	508.53
8	TUBO 273.0x5.0	42.10	0.0	0.0	7561.63	3780.81	3780.81	276.98	276.98	359.16	359.16
9	TUBO 508.0x12.5	194.58	0.0	0.0	1.195e+05	5.976e+04	5.976e+04	2352.57	2352.57	3069.65	3069.65
10	TUBO 508.0x12.5	194.58	0.0	0.0	1.195e+05	5.976e+04	5.976e+04	2352.57	2352.57	3069.65	3069.65
11	TUBO 219.1x5.0	33.63	0.0	0.0	3856.09	1928.04	1928.04	176.00	176.00	229.24	229.24
12	TUBO 219.1x5.0	33.63	0.0	0.0	3856.09	1928.04	1928.04	176.00	176.00	229.24	229.24
13	TUBO 508.0x12.5	194.58	0.0	0.0	1.195e+05	5.976e+04	5.976e+04	2352.57	2352.57	3069.65	3069.65
14	TUBO 508.0x12.5	194.58	0.0	0.0	1.195e+05	5.976e+04	5.976e+04	2352.57	2352.57	3069.65	3069.65
15	TUBO 323.9x5.6	56.00	0.0	0.0	1.419e+04	7094.02	7094.02	438.04	438.04	567.42	567.42
16	TUBO 273.0x5.0	42.10	0.0	0.0	7561.63	3780.81	3780.81	276.98	276.98	359.16	359.16
17	TUBO 405.4x5.0	62.89	0.0	0.0	2.521e+04	1.261e+04	1.261e+04	621.91	621.91	801.64	801.64
18	TUBO 273.0x5.0	42.10	0.0	0.0	7561.63	3780.81	3780.81	276.98	276.98	359.16	359.16
19	TUBO 193.7x5.0	29.64	0.0	0.0	2640.46	1320.23	1320.23	136.32	136.32	178.08	178.08
20	TUBO 139.7x5.0	21.16	0.0	0.0	961.08	480.54	480.54	68.80	68.80	90.76	90.76
21	TUBO 323.9x5.0	50.09	0.0	0.0	1.274e+04	6369.42	6369.42	393.30	393.30	508.53	508.53
22	TUBO 508.0x12.5	194.58	0.0	0.0	1.195e+05	5.976e+04	5.976e+04	2352.57	2352.57	3069.65	3069.65
23	TUBO 273.0x5.0	42.10	0.0	0.0	7561.63	3780.81	3780.81	276.98	276.98	359.16	359.16
24	TUBO 508.0x12.5	194.58	0.0	0.0	1.195e+05	5.976e+04	5.976e+04	2352.57	2352.57	3069.65	3069.65
25	TUBO 159.0x5.0	24.19	0.0	0.0	1435.75	717.88	717.88	90.30	90.30	118.62	118.62
26	TUBO 139.7x5.0	21.16	0.0	0.0	961.08	480.54	480.54	68.80	68.80	90.76	90.76


PROGETTO
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Copertura Area Polifunzionale_Catanzaro
Fig. 1

MODELLAZIONE STRUTTURA: NODI

LEGENDA TABELLA DATI NODI

Il programma utilizza per la modellazione nodi strutturali.
Ogni nodo è individuato dalle coordinate cartesiane nel sistema di riferimento globale (X Y Z).
Ad ogni nodo è eventualmente associato un codice di vincolamento rigido, un codice di fondazione speciale, ed un set di sei molle (tre per le traslazioni, tre per le rotazioni). Le tabelle sottoriportate riflettono le succitate possibilità. In particolare per ogni nodo viene indicato in tabella:

Nodo	numero del nodo.
X	valore della coordinata X
Y	valore della coordinata Y
Z	valore della coordinata Z

Per i nodi ai quali sia associato un codice di vincolamento rigido, un codice di fondazione speciale o un set di molle viene indicato in tabella:

Nodo	numero del nodo.
X	valore della coordinata X
Y	valore della coordinata Y
Z	valore della coordinata Z
Note	eventuale codice di vincolo (es. v=110010 sei valori relativi ai sei gradi di libertà previsti per il nodo TxTyTzRxRyRz, il valore 1 indica che lo spostamento o rotazione relativo è impedito, il valore 0 indica che lo spostamento o rotazione relativo è libero).
Note	(FS = 1, 2,…) eventuale codice del tipo di fondazione speciale (1, 2,… fanno riferimento alle tipologie: plinto, palo, plinto su pali,…) che è collegato al nodo. (ISO = "id SIGLA") indice e sigla identificativa dell' eventuale isolatore sismico assegnato al nodo
Rig. TX	valore della rigidezza dei vincoli elastici eventualmente applicati al nodo, nello specifico TX (idem per TY, TZ, RX, RY, RZ).

Per strutture sismicamente isolate viene inoltre inserita la tabella delle caratteristiche per gli isolatori utilizzati; le caratteristiche sono indicate in conformità al cap. 7.10 del D.M. 14/01/08

TABELLA DATI NODI

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
	cm	cm	cm		cm	cm	cm		cm	cm	cm
937	2525.0	0.0	500.0	938	2725.0	0.0	500.0	939	2525.0	7000.0	500.0
940	2725.0	7000.0	500.0	941	5050.0	250.0	520.0	942	5250.0	250.0	520.0
943	5050.0	6750.0	520.0	944	5250.0	6750.0	520.0	945	2332.5	250.0	600.0
946	2332.5	6750.0	600.0	947	2525.0	250.0	607.0	948	2725.0	250.0	607.0
949	2525.0	6750.0	607.0	950	2725.0	6750.0	607.0	951	5050.0	500.0	619.0
952	5250.0	500.0	619.0	953	5050.0	6500.0	619.0	954	5250.0	6500.0	619.0
955	2090.0	375.0	650.0	956	2090.0	6625.0	650.0	957	2917.5	150.0	658.2
958	2917.5	6850.0	658.2	959	3160.0	175.0	659.4	960	3160.0	6825.0	659.4
961	3402.5	200.0	660.6	962	3402.5	6800.0	660.6	963	3645.0	225.0	661.8
964	3645.0	6775.0	661.8	965	3887.5	250.0	663.0	966	3887.5	6750.0	663.0
967	4130.0	275.0	664.2	968	4130.0	6725.0	664.2	969	4372.5	300.0	665.4
970	4372.5	6700.0	665.4	971	4615.0	325.0	666.6	972	4615.0	6675.0	666.6
973	4857.5	350.0	667.8	974	4857.5	6650.0	667.8	975	5442.5	525.0	695.4
976	5442.5	6475.0	695.4	977	1847.5	500.0	700.0	978	1847.5	6500.0	700.0
979	2525.0	500.0	706.0	980	2725.0	500.0	706.0	981	2525.0	6500.0	706.0
982	2725.0	6500.0	706.0	983	5050.0	750.0	708.0	984	5250.0	750.0	708.0
985	5050.0	6250.0	708.0	986	5250.0	6250.0	708.0	987	5685.0	675.0	721.8
988	5685.0	6325.0	721.8	989	5927.5	825.0	748.2	990	5927.5	6175.0	748.2
991	2575.0	0.0	750.0	992	2675.0	0.0	750.0	993	1605.0	625.0	750.0
994	1605.0	6375.0	750.0	995	2575.0	7000.0	750.0	996	2675.0	7000.0	750.0
997	2917.5	25.0	752.0	998	2917.5	6975.0	752.0	999	3160.0	50.0	754.0
1000	3160.0	6950.0	754.0	1001	3402.5	75.0	756.0	1002	3402.5	6925.0	756.0
1003	3645.0	100.0	758.0	1004	3645.0	6900.0	758.0	1005	3887.5	125.0	760.0
1006	3887.5	6875.0	760.0	1007	4130.0	150.0	762.0	1008	4130.0	6850.0	762.0
1009	4372.5	175.0	764.0	1010	4372.5	6825.0	764.0	1011	4615.0	200.0	766.0
1012	4615.0	6800.0	766.0	1013	4857.5	225.0	768.0	1014	4857.5	6775.0	768.0
1015	5100.0	250.0	770.0	1016	5200.0	250.0	770.0	1017	5100.0	6750.0	770.0
1018	5200.0	6750.0	770.0	1019	6170.0	975.0	774.6	1020	6170.0	6025.0	774.6
1021	5050.0	1000.0	789.0	1022	5250.0	1000.0	789.0	1023	5050.0	6000.0	789.0
1024	5250.0	6000.0	789.0	1025	2525.0	750.0	795.0	1026	2725.0	750.0	795.0
1027	2525.0	6250.0	795.0	1028	2725.0	6250.0	795.0	1029	2332.5	125.0	800.0
1030	1362.5	750.0	800.0	1031	1362.5	6250.0	800.0	1032	2332.5	6875.0	800.0

1033	6412.5	1125.0	801.0	1034	6412.5	5875.0	801.0	1035	5442.5	400.0	801.5
1036	5442.5	6600.0	801.5	1037	6655.0	1275.0	827.4	1038	6655.0	5725.0	827.4
1039	5685.0	550.0	833.0	1040	5685.0	6450.0	833.0	1041	7575.0	1750.0	835.0
1042	7775.0	1750.0	835.0	1043	7575.0	5250.0	835.0	1044	7775.0	5250.0	835.0
1045	4830.6	875.0	848.7	1046	4830.6	6125.0	848.7	1047	2090.0	250.0	850.0
1048	1120.0	875.0	850.0	1049	1120.0	6125.0	850.0	1050	2090.0	6750.0	850.0
1051	6897.5	1425.0	853.8	1052	6897.5	5575.0	853.8	1053	2575.0	250.0	857.0
1054	2675.0	250.0	857.0	1055	2575.0	6750.0	857.0	1056	2675.0	6750.0	857.0
1057	2917.5	275.0	858.2	1058	2917.5	6725.0	858.2	1059	4561.1	875.0	858.3
1060	4561.1	6125.0	858.3	1061	3160.0	300.0	859.4	1062	3160.0	6700.0	859.4
1063	3402.5	325.0	860.6	1064	3402.5	6675.0	860.6	1065	5050.0	1250.0	861.0
1066	5250.0	1250.0	861.0	1067	5050.0	5750.0	861.0	1068	5250.0	5750.0	861.0
1069	3645.0	350.0	861.8	1070	3645.0	6650.0	861.8	1071	3887.5	375.0	863.0
1072	3887.5	6625.0	863.0	1073	4130.0	400.0	864.2	1074	4130.0	6600.0	864.2
1075	5927.5	700.0	864.5	1076	5927.5	6300.0	864.5	1077	4372.5	425.0	865.4
1078	4372.5	6575.0	865.4	1079	4615.0	450.0	866.6	1080	4615.0	6550.0	866.6
1081	4857.5	475.0	867.8	1082	4857.5	6525.0	867.8	1083	4291.7	875.0	868.0
1084	4291.7	6125.0	868.0	1085	5100.0	500.0	869.0	1086	5200.0	500.0	869.0
1087	5100.0	6500.0	869.0	1088	5200.0	6500.0	869.0	1089	2525.0	1000.0	876.0
1090	2725.0	1000.0	876.0	1091	2525.0	6000.0	876.0	1092	2725.0	6000.0	876.0
1093	4022.2	875.0	877.7	1094	4022.2	6125.0	877.7	1095	7140.0	1575.0	880.2
1096	7140.0	5425.0	880.2	1097	7575.0	2000.0	883.0	1098	7775.0	2000.0	883.0
1099	7575.0	5000.0	883.0	1100	7775.0	5000.0	883.0	1101	3752.8	875.0	887.3
1102	3752.8	6125.0	887.3	1103	5442.5	650.0	895.4	1104	5442.5	6350.0	895.4
1105	6170.0	850.0	896.0	1106	6170.0	6150.0	896.0	1107	3483.3	875.0	897.0
1108	3483.3	6125.0	897.0	1109	1847.5	375.0	900.0	1110	877.5	1000.0	900.0
1111	877.5	6000.0	900.0	1112	1847.5	6625.0	900.0	1113	2332.5	375.0	902.7
1114	2332.5	6625.0	902.7	1115	7382.5	1725.0	906.6	1116	7382.5	5275.0	906.6
1117	3213.9	875.0	906.7	1118	3213.9	6125.0	906.7	1119	2944.4	875.0	916.3
1120	2944.4	6125.0	916.3	1121	5685.0	800.0	921.8	1122	5685.0	6200.0	921.8
1123	7575.0	2250.0	924.0	1124	7775.0	2250.0	924.0	1125	7575.0	4750.0	924.0
1126	7775.0	4750.0	924.0	1127	5050.0	1500.0	925.0	1128	5250.0	1500.0	925.0
1129	5050.0	5500.0	925.0	1130	5250.0	5500.0	925.0	1131	6412.5	1000.0	927.5
1132	6412.5	6000.0	927.5	1133	2525.0	1250.0	948.0	1134	2725.0	1250.0	948.0
1135	2525.0	5750.0	948.0	1136	2725.0	5750.0	948.0	1137	5927.5	950.0	948.2
1138	5927.5	6050.0	948.2	1139	2090.0	500.0	948.4	1140	2090.0	6500.0	948.4
1141	1605.0	500.0	950.0	1142	635.0	1125.0	950.0	1143	635.0	5875.0	950.0
1144	1605.0	6500.0	950.0	1145	2575.0	500.0	956.0	1146	2675.0	500.0	956.0
1147	2575.0	6500.0	956.0	1148	2675.0	6500.0	956.0	1149	7575.0	2500.0	957.0
1150	7775.0	2500.0	957.0	1151	7575.0	4500.0	957.0	1152	7775.0	4500.0	957.0
1153	5100.0	750.0	958.0	1154	5200.0	750.0	958.0	1155	5100.0	6250.0	958.0
1156	5200.0	6250.0	958.0	1157	6655.0	1150.0	959.0	1158	6655.0	5850.0	959.0
1159	4830.6	750.0	967.7	1160	4830.6	6250.0	967.7	1161	6170.0	1100.0	974.6
1162	6170.0	5900.0	974.6	1163	4561.1	750.0	977.3	1164	4561.1	6250.0	977.3
1165	7355.6	2069.4	980.4	1166	7355.6	4930.6	980.4	1167	5050.0	1750.0	982.0
1168	5250.0	1750.0	982.0	1169	5050.0	5250.0	982.0	1170	5250.0	5250.0	982.0
1171	7575.0	2750.0	983.0	1172	7775.0	2750.0	983.0	1173	7575.0	4250.0	983.0
1174	7775.0	4250.0	983.0	1175	7086.1	2013.9	986.9	1176	7086.1	4986.1	986.9
1177	4291.7	750.0	987.0	1178	4291.7	6250.0	987.0	1179	6897.5	1300.0	990.5
1180	6897.5	5700.0	990.5	1181	6816.7	1958.3	993.3	1182	6816.7	5041.7	993.3
1183	1847.5	625.0	994.1	1184	1847.5	6375.0	994.1	1185	4022.2	750.0	996.7
1186	4022.2	6250.0	996.7	1187	6547.2	1902.8	999.8	1188	6547.2	5097.2	999.8
1189	1362.5	625.0	1000.0	1190	0.0	1250.0	1000.0	1191	200.0	1250.0	1000.0
1192	392.5	1250.0	1000.0	1193	0.0	5750.0	1000.0	1194	200.0	5750.0	1000.0
1195	392.5	5750.0	1000.0	1196	1362.5	6375.0	1000.0	1197	6412.5	1250.0	1001.0
1198	7575.0	3000.0	1001.0	1199	7775.0	3000.0	1001.0	1200	7575.0	4000.0	1001.0
1201	7775.0	4000.0	1001.0	1202	6412.5	5750.0	1001.0	1203	6277.8	1847.2	1006.2
1204	6277.8	5152.8	1006.2	1205	3752.8	750.0	1006.3	1206	3752.8	6250.0	1006.3
1207	2525.0	1500.0	1012.0	1208	2725.0	1500.0	1012.0	1209	7575.0	3250.0	1012.0
1210	7775.0	3250.0	1012.0	1211	7575.0	3750.0	1012.0	1212	7775.0	3750.0	1012.0
1213	2525.0	5500.0	1012.0	1214	2725.0	5500.0	1012.0	1215	6008.3	1791.7	1012.7
1216	6008.3	5208.3	1012.7	1217	3483.3	750.0	1016.0	1218	7575.0	3500.0	1016.0
1219	7775.0	3500.0	1016.0	1220	3483.3	6250.0	1016.0	1221	5738.9	1736.1	1019.1
1222	5738.9	5263.9	1019.1	1223	7140.0	1450.0	1022.0	1224	7140.0	5550.0	1022.0
1225	7355.6	2375.0	1023.3	1226	7355.6	4625.0	1023.3	1227	5469.4	1680.6	1025.6
1228	5469.4	5319.4	1025.6	1229	3213.9	750.0	1025.7	1230	3213.9	6250.0	1025.7
1231	6655.0	1400.0	1027.4	1232	6655.0	5600.0	1027.4	1233	5050.0	2000.0	1030.0
1234	5250.0	2000.0	1030.0	1235	5050.0	5000.0	1030.0	1236	5250.0	5000.0	1030.0
1237	2944.4	750.0	1035.3	1238	2944.4	6250.0	1035.3	1239	5100.0	1000.0	1039.0
1240	5200.0	1000.0	1039.0	1241	5100.0	6000.0	1039.0	1242	5200.0	6000.0	1039.0
1243	7086.1	2375.0	1039.7	1244	7086.1	4625.0	1039.7	1245	1605.0	750.0	1039.8
1246	1605.0	6250.0	1039.8	1247	4830.6	1625.0	1041.7	1248	4830.6	5375.0	1041.7
1249	2575.0	750.0	1045.0	1250	2675.0	750.0	1045.0	1251	2575.0	6250.0	1045.0
1252	2675.0	6250.0	1045.0	1253	4830.6	1000.0	1048.7	1254	4830.6	6000.0	1048.7
1255	1120.0	750.0	1050.0	1256	1120.0	6250.0	1050.0	1257	4561.1	1625.0	1051.3
1258	4561.1	5375.0	1051.3	1259	7382.5	1600.0	1053.5	1260	7382.5	5400.0	1053.5
1261	6897.5	1550.0	1053.8	1262	6897.5	5450.0	1053.8	1263	6816.7	2375.0	1056.0

1264	6816.7	4625.0	1056.0	1265	4561.1	1000.0	1058.3	1266	4561.1	6000.0	1058.3
1267	4291.7	1625.0	1061.0	1268	4291.7	5375.0	1061.0	1269	0.0	1500.0	1064.0
1270	200.0	1500.0	1064.0	1271	0.0	5500.0	1064.0	1272	200.0	5500.0	1064.0
1273	2305.6	1625.0	1067.8	1274	2305.6	5375.0	1067.8	1275	4291.7	1000.0	1068.0
1276	4291.7	6000.0	1068.0	1277	2525.0	1750.0	1069.0	1278	2725.0	1750.0	1069.0
1279	2525.0	5250.0	1069.0	1280	2725.0	5250.0	1069.0	1281	4022.2	1625.0	1070.7
1282	4022.2	5375.0	1070.7	1283	5050.0	2250.0	1071.0	1284	5250.0	2250.0	1071.0
1285	5050.0	4750.0	1071.0	1286	5250.0	4750.0	1071.0	1287	6547.2	2375.0	1072.3
1288	6547.2	4625.0	1072.3	1289	2036.1	1625.0	1073.6	1290	2036.1	5375.0	1073.6
1291	4022.2	1000.0	1077.7	1292	4022.2	6000.0	1077.7	1293	7355.6	3125.0	1078.3
1294	7355.6	3875.0	1078.3	1295	1766.7	1625.0	1079.3	1296	1766.7	5375.0	1079.3
1297	7140.0	1700.0	1080.2	1298	7140.0	5300.0	1080.2	1299	3752.8	1625.0	1080.3
1300	3752.8	5375.0	1080.3	1301	7625.0	1750.0	1085.0	1302	7725.0	1750.0	1085.0
1303	7625.0	5250.0	1085.0	1304	7725.0	5250.0	1085.0	1305	1497.2	1625.0	1085.1
1306	1497.2	5375.0	1085.1	1307	1362.5	875.0	1085.5	1308	1362.5	6125.0	1085.5
1309	3752.8	1000.0	1087.3	1310	3752.8	6000.0	1087.3	1311	6277.8	2375.0	1088.7
1312	6277.8	4625.0	1088.7	1313	3483.3	1625.0	1090.0	1314	3483.3	5375.0	1090.0
1315	1227.8	1625.0	1090.9	1316	1227.8	5375.0	1090.9	1317	7086.1	3125.0	1094.7
1318	7086.1	3875.0	1094.7	1319	958.3	1625.0	1096.7	1320	958.3	5375.0	1096.7
1321	3483.3	1000.0	1097.0	1322	3483.3	6000.0	1097.0	1323	3213.9	1625.0	1099.7
1324	3213.9	5375.0	1099.7	1325	877.5	875.0	1100.0	1326	877.5	6125.0	1100.0
1327	688.9	1625.0	1102.4	1328	688.9	5375.0	1102.4	1329	5050.0	2500.0	1104.0
1330	5250.0	2500.0	1104.0	1331	5050.0	4500.0	1104.0	1332	5250.0	4500.0	1104.0
1333	6008.3	2375.0	1105.0	1334	6008.3	4625.0	1105.0	1335	7382.5	1850.0	1106.6
1336	7382.5	5150.0	1106.6	1337	3213.9	1000.0	1106.7	1338	3213.9	6000.0	1106.7
1339	419.4	1625.0	1108.2	1340	419.4	5375.0	1108.2	1341	2944.4	1625.0	1109.3
1342	2944.4	5375.0	1109.3	1343	5100.0	1250.0	1111.0	1344	5200.0	1250.0	1111.0
1345	6816.7	3125.0	1111.0	1346	6816.7	3875.0	1111.0	1347	5100.0	5750.0	1111.0
1348	5200.0	5750.0	1111.0	1349	2944.4	1000.0	1116.3	1350	2944.4	6000.0	1116.3
1351	2525.0	2000.0	1117.0	1352	2725.0	2000.0	1117.0	1353	2525.0	5000.0	1117.0
1354	2725.0	5000.0	1117.0	1355	0.0	1750.0	1121.0	1356	200.0	1750.0	1121.0
1357	0.0	5250.0	1121.0	1358	200.0	5250.0	1121.0	1359	5738.9	2375.0	1121.3
1360	5738.9	4625.0	1121.3	1361	2575.0	1000.0	1126.0	1362	2675.0	1000.0	1126.0
1363	2575.0	6000.0	1126.0	1364	2675.0	6000.0	1126.0	1365	6547.2	3125.0	1127.3
1366	6547.2	3875.0	1127.3	1367	5050.0	2750.0	1130.0	1368	5250.0	2750.0	1130.0
1369	5050.0	4250.0	1130.0	1370	5250.0	4250.0	1130.0	1371	1120.0	1000.0	1131.2
1372	1120.0	6000.0	1131.2	1373	7625.0	2000.0	1133.0	1374	7725.0	2000.0	1133.0
1375	8085.0	2000.0	1133.0	1376	7625.0	5000.0	1133.0	1377	7725.0	5000.0	1133.0
1378	8085.0	5000.0	1133.0	1379	7355.6	1944.4	1137.7	1380	5469.4	2375.0	1137.7
1381	5469.4	4625.0	1137.7	1382	7355.6	5055.6	1137.7	1383	7086.1	1888.9	1142.3
1384	7086.1	5111.1	1142.3	1385	6277.8	3125.0	1143.7	1386	6277.8	3875.0	1143.7
1387	6816.7	1833.3	1147.0	1388	6816.7	5166.7	1147.0	1389	5050.0	3000.0	1148.0
1390	5250.0	3000.0	1148.0	1391	5050.0	4000.0	1148.0	1392	5250.0	4000.0	1148.0
1393	635.0	1000.0	1150.0	1394	635.0	6000.0	1150.0	1395	6547.2	1777.8	1151.7
1396	6547.2	5222.2	1151.7	1397	6277.8	1722.2	1156.3	1398	6277.8	5277.8	1156.3
1399	2525.0	2250.0	1158.0	1400	2725.0	2250.0	1158.0	1401	2525.0	4750.0	1158.0
1402	2725.0	4750.0	1158.0	1403	5050.0	3250.0	1159.0	1404	5250.0	3250.0	1159.0
1405	5050.0	3750.0	1159.0	1406	5250.0	3750.0	1159.0	1407	6008.3	3125.0	1160.0
1408	6008.3	3875.0	1160.0	1409	6008.3	1666.7	1161.0	1410	6008.3	5333.3	1161.0
1411	5050.0	3500.0	1163.0	1412	5250.0	3500.0	1163.0	1413	4830.6	2375.0	1163.7
1414	4830.6	4625.0	1163.7	1415	5738.9	1611.1	1165.7	1416	5738.9	5388.9	1165.7
1417	0.0	2000.0	1169.0	1418	200.0	2000.0	1169.0	1419	0.0	5000.0	1169.0
1420	200.0	5000.0	1169.0	1421	5469.4	1555.6	1170.3	1422	5469.4	5444.4	1170.3
1423	4561.1	2375.0	1173.3	1424	4561.1	4625.0	1173.3	1425	7625.0	2250.0	1174.0
1426	7725.0	2250.0	1174.0	1427	8130.0	2250.0	1174.0	1428	7625.0	4750.0	1174.0
1429	7725.0	4750.0	1174.0	1430	8130.0	4750.0	1174.0	1431	5100.0	1500.0	1175.0
1432	5200.0	1500.0	1175.0	1433	5100.0	5500.0	1175.0	1434	5200.0	5500.0	1175.0
1435	5738.9	3125.0	1176.3	1436	5738.9	3875.0	1176.3	1437	877.5	1125.0	1176.9
1438	877.5	5875.0	1176.9	1439	7355.6	2194.4	1180.4	1440	7355.6	4805.6	1180.4
1441	4291.7	2375.0	1183.0	1442	4291.7	4625.0	1183.0	1443	4830.6	1500.0	1184.7
1444	4830.6	5500.0	1184.7	1445	7086.1	2138.9	1186.9	1446	7086.1	4861.1	1186.9
1447	7355.6	2250.0	1190.3	1448	7355.6	4750.0	1190.3	1449	2525.0	2500.0	1191.0
1450	2725.0	2500.0	1191.0	1451	2525.0	4500.0	1191.0	1452	2725.0	4500.0	1191.0
1453	4022.2	2375.0	1192.7	1454	5469.4	3125.0	1192.7	1455	5469.4	3875.0	1192.7
1456	4022.2	4625.0	1192.7	1457	6816.7	2083.3	1193.3	1458	6816.7	4916.7	1193.3
1459	4561.1	1500.0	1194.3	1460	4561.1	5500.0	1194.3	1461	2575.0	1250.0	1198.0
1462	2675.0	1250.0	1198.0	1463	2575.0	5750.0	1198.0	1464	2675.0	5750.0	1198.0
1465	6547.2	2027.8	1199.8	1466	6547.2	4972.2	1199.8	1467	392.5	1125.0	1200.0
1468	392.5	5875.0	1200.0	1469	3752.8	2375.0	1202.3	1470	3752.8	4625.0	1202.3
1471	4291.7	1500.0	1204.0	1472	4291.7	5500.0	1204.0	1473	6277.8	1972.2	1206.2
1474	6277.8	5027.8	1206.2	1475	7086.1	2250.0	1206.7	1476	7086.1	4750.0	1206.7
1477	7625.0	2500.0	1207.0	1478	7725.0	2500.0	1207.0	1479	8170.0	2500.0	1207.0
1480	7625.0	4500.0	1207.0	1481	7725.0	4500.0	1207.0	1482	8170.0	4500.0	1207.0
1483	0.0	2250.0	1210.0	1484	200.0	2250.0	1210.0	1485	0.0	4750.0	1210.0
1486	200.0	4750.0	1210.0	1487	3483.3	2375.0	1212.0	1488	3483.3	4625.0	1212.0
1489	6008.3	1916.7	1212.7	1490	6008.3	5083.3	1212.7	1491	4022.2	1500.0	1213.7
1492	4022.2	5500.0	1213.7	1493	2305.6	2375.0	1213.8	1494	2305.6	4625.0	1213.8

1495	2525.0	2750.0	1217.0	1496	2725.0	2750.0	1217.0	1497	2525.0	4250.0	1217.0
1498	2725.0	4250.0	1217.0	1499	4830.6	3125.0	1218.7	1500	4830.6	3875.0	1218.7
1501	5738.9	1861.1	1219.1	1502	5738.9	5138.9	1219.1	1503	2036.1	2375.0	1219.6
1504	2036.1	4625.0	1219.6	1505	3213.9	2375.0	1221.7	1506	3213.9	4625.0	1221.7
1507	635.0	1250.0	1222.6	1508	635.0	5750.0	1222.6	1509	6816.7	2250.0	1223.0
1510	6816.7	4750.0	1223.0	1511	3752.8	1500.0	1223.3	1512	7355.6	2500.0	1223.3
1513	7355.6	4500.0	1223.3	1514	3752.8	5500.0	1223.3	1515	1766.7	2375.0	1225.3
1516	1766.7	4625.0	1225.3	1517	5469.4	1805.6	1225.6	1518	5469.4	5194.4	1225.6
1519	4561.1	3125.0	1228.3	1520	4561.1	3875.0	1228.3	1521	1497.2	2375.0	1231.1
1522	1497.2	4625.0	1231.1	1523	2944.4	2375.0	1231.3	1524	2944.4	4625.0	1231.3
1525	5100.0	1750.0	1232.0	1526	5200.0	1750.0	1232.0	1527	5100.0	5250.0	1232.0
1528	5200.0	5250.0	1232.0	1529	3483.3	1500.0	1233.0	1530	7625.0	2750.0	1233.0
1531	7725.0	2750.0	1233.0	1532	8200.0	2750.0	1233.0	1533	7625.0	4250.0	1233.0
1534	7725.0	4250.0	1233.0	1535	8200.0	4250.0	1233.0	1536	3483.3	5500.0	1233.0
1537	2525.0	3000.0	1235.0	1538	2725.0	3000.0	1235.0	1539	2525.0	4000.0	1235.0
1540	2725.0	4000.0	1235.0	1541	1227.8	2375.0	1236.9	1542	1227.8	4625.0	1236.9
1543	4291.7	3125.0	1238.0	1544	4291.7	3875.0	1238.0	1545	6547.2	2250.0	1239.3
1546	6547.2	4750.0	1239.3	1547	7086.1	2500.0	1239.7	1548	7086.1	4500.0	1239.7
1549	4830.6	1750.0	1241.7	1550	4830.6	5250.0	1241.7	1551	3213.9	1500.0	1242.7
1552	958.3	2375.0	1242.7	1553	958.3	4625.0	1242.7	1554	3213.9	5500.0	1242.7
1555	0.0	2500.0	1243.0	1556	200.0	2500.0	1243.0	1557	0.0	4500.0	1243.0
1558	200.0	4500.0	1243.0	1559	2525.0	3250.0	1246.0	1560	2725.0	3250.0	1246.0
1561	2525.0	3750.0	1246.0	1562	2725.0	3750.0	1246.0	1563	4022.2	3125.0	1247.7
1564	4022.2	3875.0	1247.7	1565	688.9	2375.0	1248.4	1566	688.9	4625.0	1248.4
1567	50.0	1250.0	1250.0	1568	150.0	1250.0	1250.0	1569	2525.0	3500.0	1250.0
1570	2725.0	3500.0	1250.0	1571	50.0	5750.0	1250.0	1572	150.0	5750.0	1250.0
1573	7625.0	3000.0	1251.0	1574	7725.0	3000.0	1251.0	1575	8215.0	3000.0	1251.0
1576	7625.0	4000.0	1251.0	1577	7725.0	4000.0	1251.0	1578	8215.0	4000.0	1251.0
1579	4561.1	1750.0	1251.3	1580	4561.1	5250.0	1251.3	1581	2944.4	1500.0	1252.3
1582	2944.4	5500.0	1252.3	1583	419.4	2375.0	1254.2	1584	419.4	4625.0	1254.2
1585	6277.8	2250.0	1255.7	1586	6277.8	4750.0	1255.7	1587	6816.7	2500.0	1256.0
1588	6816.7	4500.0	1256.0	1589	3752.8	3125.0	1257.3	1590	3752.8	3875.0	1257.3
1591	4291.7	1750.0	1261.0	1592	4291.7	5250.0	1261.0	1593	2575.0	1500.0	1262.0
1594	2675.0	1500.0	1262.0	1595	7625.0	3250.0	1262.0	1596	7725.0	3250.0	1262.0
1597	8230.0	3250.0	1262.0	1598	7625.0	3750.0	1262.0	1599	7725.0	3750.0	1262.0
1600	8230.0	3750.0	1262.0	1601	2575.0	5500.0	1262.0	1602	2675.0	5500.0	1262.0
1603	7625.0	3500.0	1266.0	1604	7725.0	3500.0	1266.0	1605	8230.0	3500.0	1266.0
1606	3483.3	3125.0	1267.0	1607	3483.3	3875.0	1267.0	1608	7355.6	3000.0	1267.3
1609	7355.6	4000.0	1267.3	1610	2305.6	1500.0	1267.8	1611	2305.6	5500.0	1267.8
1612	392.5	1375.0	1268.3	1613	392.5	5625.0	1268.3	1614	0.0	2750.0	1269.0
1615	200.0	2750.0	1269.0	1616	0.0	4250.0	1269.0	1617	200.0	4250.0	1269.0
1618	4022.2	1750.0	1270.7	1619	4022.2	5250.0	1270.7	1620	6008.3	2250.0	1272.0
1621	6008.3	4750.0	1272.0	1622	6547.2	2500.0	1272.3	1623	6547.2	4500.0	1272.3
1624	2036.1	1500.0	1273.6	1625	2036.1	5500.0	1273.6	1626	3213.9	3125.0	1276.7
1627	3213.9	3875.0	1276.7	1628	7355.6	3250.0	1278.3	1629	7355.6	3750.0	1278.3
1630	1766.7	1500.0	1279.3	1631	1766.7	5500.0	1279.3	1632	5100.0	2000.0	1280.0
1633	5200.0	2000.0	1280.0	1634	5100.0	5000.0	1280.0	1635	5200.0	5000.0	1280.0
1636	3752.8	1750.0	1280.3	1637	3752.8	5250.0	1280.3	1638	7086.1	3000.0	1283.7
1639	7086.1	4000.0	1283.7	1640	1497.2	1500.0	1285.1	1641	1497.2	5500.0	1285.1
1642	2944.4	3125.0	1286.3	1643	2944.4	3875.0	1286.3	1644	0.0	3000.0	1287.0
1645	200.0	3000.0	1287.0	1646	0.0	4000.0	1287.0	1647	200.0	4000.0	1287.0
1648	5738.9	2250.0	1288.3	1649	5738.9	4750.0	1288.3	1650	6277.8	2500.0	1288.7
1651	6277.8	4500.0	1288.7	1652	3483.3	1750.0	1290.0	1653	3483.3	5250.0	1290.0
1654	2305.6	3125.0	1290.8	1655	2305.6	3875.0	1290.8	1656	1227.8	1500.0	1290.9
1657	1227.8	5500.0	1290.9	1658	7086.1	3250.0	1294.7	1659	7086.1	3750.0	1294.7
1660	2036.1	3125.0	1296.6	1661	2036.1	3875.0	1296.6	1662	958.3	1500.0	1296.7
1663	958.3	5500.0	1296.7	1664	0.0	3250.0	1298.0	1665	200.0	3250.0	1298.0
1666	0.0	3750.0	1298.0	1667	200.0	3750.0	1298.0	1668	3213.9	1750.0	1299.7
1669	3213.9	5250.0	1299.7	1670	6816.7	3000.0	1300.0	1671	6816.7	4000.0	1300.0
1672	0.0	3500.0	1302.0	1673	200.0	3500.0	1302.0	1674	1766.7	3125.0	1302.3
1675	1766.7	3875.0	1302.3	1676	688.9	1500.0	1302.4	1677	688.9	5500.0	1302.4
1678	5469.4	2250.0	1304.7	1679	5469.4	4750.0	1304.7	1680	6008.3	2500.0	1305.0
1681	6008.3	4500.0	1305.0	1682	1497.2	3125.0	1308.1	1683	1497.2	3875.0	1308.1
1684	419.4	1500.0	1308.2	1685	419.4	5500.0	1308.2	1686	2944.4	1750.0	1309.3
1687	2944.4	5250.0	1309.3	1688	6816.7	3250.0	1311.0	1689	6816.7	3750.0	1311.0
1690	1227.8	3125.0	1313.9	1691	1227.8	3875.0	1313.9	1692	-280.0	1500.0	1314.0
1693	50.0	1500.0	1314.0	1694	150.0	1500.0	1314.0	1695	-280.0	5500.0	1314.0
1696	50.0	5500.0	1314.0	1697	150.0	5500.0	1314.0	1698	6547.2	3000.0	1316.3
1699	6547.2	4000.0	1316.3	1700	2575.0	1750.0	1319.0	1701	2675.0	1750.0	1319.0
1702	2575.0	5250.0	1319.0	1703	2675.0	5250.0	1319.0	1704	958.3	3125.0	1319.7
1705	958.3	3875.0	1319.7	1706	5100.0	2250.0	1321.0	1707	5200.0	2250.0	1321.0
1708	5100.0	4750.0	1321.0	1709	5200.0	4750.0	1321.0	1710	5738.9	2500.0	1321.3
1711	5738.9	4500.0	1321.3	1712	2305.6	1750.0	1324.8	1713	2305.6	5250.0	1324.8
1714	688.9	3125.0	1325.4	1715	688.9	3875.0	1325.4	1716	6547.2	3250.0	1327.3
1717	6547.2	3750.0	1327.3	1718	2036.1	1750.0	1330.6	1719	2036.1	5250.0	1330.6
1720	4830.6	2250.0	1330.7	1721	4830.6	4750.0	1330.7	1722	419.4	3125.0	1331.2
1723	419.4	3875.0	1331.2	1724	6277.8	3000.0	1332.7	1725	6277.8	4000.0	1332.7

1726	1766.7	1750.0	1336.3	1727	1766.7	5250.0	1336.3	1728	5469.4	2500.0	1337.7
1729	5469.4	4500.0	1337.7	1730	4561.1	2250.0	1340.3	1731	4561.1	4750.0	1340.3
1732	1497.2	1750.0	1342.1	1733	1497.2	5250.0	1342.1	1734	6277.8	3250.0	1343.7
1735	6277.8	3750.0	1343.7	1736	1227.8	1750.0	1347.9	1737	1227.8	5250.0	1347.9
1738	6008.3	3000.0	1349.0	1739	6008.3	4000.0	1349.0	1740	4291.7	2250.0	1350.0
1741	4291.7	4750.0	1350.0	1742	958.3	1750.0	1353.7	1743	958.3	5250.0	1353.7
1744	5100.0	2500.0	1354.0	1745	5200.0	2500.0	1354.0	1746	5100.0	4500.0	1354.0
1747	5200.0	4500.0	1354.0	1748	688.9	1750.0	1359.4	1749	688.9	5250.0	1359.4
1750	4022.2	2250.0	1359.7	1751	4022.2	4750.0	1359.7	1752	6008.3	3250.0	1360.0
1753	6008.3	3750.0	1360.0	1754	4830.6	2500.0	1363.7	1755	4830.6	4500.0	1363.7
1756	419.4	1750.0	1365.2	1757	419.4	5250.0	1365.2	1758	5738.9	3000.0	1365.3
1759	5738.9	4000.0	1365.3	1760	2575.0	2000.0	1367.0	1761	2675.0	2000.0	1367.0
1762	2575.0	5000.0	1367.0	1763	2675.0	5000.0	1367.0	1764	3752.8	2250.0	1369.3
1765	3752.8	4750.0	1369.3	1766	-335.0	1750.0	1371.0	1767	50.0	1750.0	1371.0
1768	150.0	1750.0	1371.0	1769	-335.0	5250.0	1371.0	1770	50.0	5250.0	1371.0
1771	150.0	5250.0	1371.0	1772	4561.1	2500.0	1373.3	1773	4561.1	4500.0	1373.3
1774	5738.9	3250.0	1376.3	1775	5738.9	3750.0	1376.3	1776	3483.3	2250.0	1379.0
1777	3483.3	4750.0	1379.0	1778	5100.0	2750.0	1380.0	1779	5200.0	2750.0	1380.0
1780	5100.0	4250.0	1380.0	1781	5200.0	4250.0	1380.0	1782	5469.4	3000.0	1381.7
1783	5469.4	4000.0	1381.7	1784	4291.7	2500.0	1383.0	1785	4291.7	4500.0	1383.0
1786	3213.9	2250.0	1388.7	1787	3213.9	4750.0	1388.7	1788	4022.2	2500.0	1392.7
1789	5469.4	3250.0	1392.7	1790	5469.4	3750.0	1392.7	1791	4022.2	4500.0	1392.7
1792	5100.0	3000.0	1398.0	1793	5200.0	3000.0	1398.0	1794	5100.0	4000.0	1398.0
1795	5200.0	4000.0	1398.0	1796	2944.4	2250.0	1398.3	1797	2944.4	4750.0	1398.3
1798	3752.8	2500.0	1402.3	1799	3752.8	4500.0	1402.3	1800	4830.6	3000.0	1407.7
1801	4830.6	4000.0	1407.7	1802	2575.0	2250.0	1408.0	1803	2675.0	2250.0	1408.0
1804	2575.0	4750.0	1408.0	1805	2675.0	4750.0	1408.0	1806	5100.0	3250.0	1409.0
1807	5200.0	3250.0	1409.0	1808	5100.0	3750.0	1409.0	1809	5200.0	3750.0	1409.0
1810	3483.3	2500.0	1412.0	1811	3483.3	4500.0	1412.0	1812	5100.0	3500.0	1413.0
1813	5200.0	3500.0	1413.0	1814	2305.6	2250.0	1413.8	1815	2305.6	4750.0	1413.8
1816	4561.1	3000.0	1417.3	1817	4561.1	4000.0	1417.3	1818	4830.6	3250.0	1418.7
1819	4830.6	3750.0	1418.7	1820	-390.0	2000.0	1419.0	1821	50.0	2000.0	1419.0
1822	150.0	2000.0	1419.0	1823	-390.0	5000.0	1419.0	1824	50.0	5000.0	1419.0
1825	150.0	5000.0	1419.0	1826	2036.1	2250.0	1419.6	1827	2036.1	4750.0	1419.6
1828	3213.9	2500.0	1421.7	1829	3213.9	4500.0	1421.7	1830	1766.7	2250.0	1425.3
1831	1766.7	4750.0	1425.3	1832	4291.7	3000.0	1427.0	1833	4291.7	4000.0	1427.0
1834	4561.1	3250.0	1428.3	1835	4561.1	3750.0	1428.3	1836	1497.2	2250.0	1431.1
1837	1497.2	4750.0	1431.1	1838	2944.4	2500.0	1431.3	1839	2944.4	4500.0	1431.3
1840	4022.2	3000.0	1436.7	1841	4022.2	4000.0	1436.7	1842	1227.8	2250.0	1436.9
1843	1227.8	4750.0	1436.9	1844	4291.7	3250.0	1438.0	1845	4291.7	3750.0	1438.0
1846	2575.0	2500.0	1441.0	1847	2675.0	2500.0	1441.0	1848	2575.0	4500.0	1441.0
1849	2675.0	4500.0	1441.0	1850	958.3	2250.0	1442.7	1851	958.3	4750.0	1442.7
1852	3752.8	3000.0	1446.3	1853	3752.8	4000.0	1446.3	1854	2305.6	2500.0	1446.8
1855	2305.6	4500.0	1446.8	1856	4022.2	3250.0	1447.7	1857	4022.2	3750.0	1447.7
1858	688.9	2250.0	1448.4	1859	688.9	4750.0	1448.4	1860	2036.1	2500.0	1452.6
1861	2036.1	4500.0	1452.6	1862	419.4	2250.0	1454.2	1863	419.4	4750.0	1454.2
1864	3483.3	3000.0	1456.0	1865	3483.3	4000.0	1456.0	1866	3752.8	3250.0	1457.3
1867	3752.8	3750.0	1457.3	1868	1766.7	2500.0	1458.3	1869	1766.7	4500.0	1458.3
1870	-430.0	2250.0	1460.0	1871	50.0	2250.0	1460.0	1872	150.0	2250.0	1460.0
1873	-430.0	4750.0	1460.0	1874	50.0	4750.0	1460.0	1875	150.0	4750.0	1460.0
1876	1497.2	2500.0	1464.1	1877	1497.2	4500.0	1464.1	1878	3213.9	3000.0	1465.7
1879	3213.9	4000.0	1465.7	1880	2575.0	2750.0	1467.0	1881	2675.0	2750.0	1467.0
1882	3483.3	3250.0	1467.0	1883	3483.3	3750.0	1467.0	1884	2575.0	4250.0	1467.0
1885	2675.0	4250.0	1467.0	1886	1227.8	2500.0	1469.9	1887	1227.8	4500.0	1469.9
1888	2944.4	3000.0	1475.3	1889	2944.4	4000.0	1475.3	1890	958.3	2500.0	1475.7
1891	958.3	4500.0	1475.7	1892	3213.9	3250.0	1476.7	1893	3213.9	3750.0	1476.7
1894	688.9	2500.0	1481.4	1895	688.9	4500.0	1481.4	1896	2575.0	3000.0	1485.0
1897	2675.0	3000.0	1485.0	1898	2575.0	4000.0	1485.0	1899	2675.0	4000.0	1485.0
1900	2944.4	3250.0	1486.3	1901	2944.4	3750.0	1486.3	1902	419.4	2500.0	1487.2
1903	419.4	4500.0	1487.2	1904	2305.6	3000.0	1490.8	1905	2305.6	4000.0	1490.8
1906	-460.0	2500.0	1493.0	1907	50.0	2500.0	1493.0	1908	150.0	2500.0	1493.0
1909	-460.0	4500.0	1493.0	1910	50.0	4500.0	1493.0	1911	150.0	4500.0	1493.0
1912	2575.0	3250.0	1496.0	1913	2675.0	3250.0	1496.0	1914	2575.0	3750.0	1496.0
1915	2675.0	3750.0	1496.0	1916	2036.1	3000.0	1496.6	1917	2036.1	4000.0	1496.6
1918	2575.0	3500.0	1500.0	1919	2675.0	3500.0	1500.0	1920	2305.6	3250.0	1501.8
1921	2305.6	3750.0	1501.8	1922	1766.7	3000.0	1502.3	1923	1766.7	4000.0	1502.3
1924	2036.1	3250.0	1507.6	1925	2036.1	3750.0	1507.6	1926	1497.2	3000.0	1508.1
1927	1497.2	4000.0	1508.1	1928	1766.7	3250.0	1513.3	1929	1766.7	3750.0	1513.3
1930	1227.8	3000.0	1513.9	1931	1227.8	4000.0	1513.9	1932	-490.0	2750.0	1519.0
1933	50.0	2750.0	1519.0	1934	150.0	2750.0	1519.0	1935	-490.0	4250.0	1519.0
1936	50.0	4250.0	1519.0	1937	150.0	4250.0	1519.0	1938	1497.2	3250.0	1519.1
1939	1497.2	3750.0	1519.1	1940	958.3	3000.0	1519.7	1941	958.3	4000.0	1519.7
1942	1227.8	3250.0	1524.9	1943	1227.8	3750.0	1524.9	1944	688.9	3000.0	1525.4
1945	688.9	4000.0	1525.4	1946	958.3	3250.0	1530.7	1947	958.3	3750.0	1530.7
1948	419.4	3000.0	1531.2	1949	419.4	4000.0	1531.2	1950	688.9	3250.0	1536.4
1951	688.9	3750.0	1536.4	1952	-505.0	3000.0	1537.0	1953	50.0	3000.0	1537.0
1954	150.0	3000.0	1537.0	1955	-505.0	4000.0	1537.0	1956	50.0	4000.0	1537.0

1957	150.0	4000.0	1537.0	1958	419.4	3250.0	1542.2	1959	419.4	3750.0	1542.2
1960	-515.0	3250.0	1548.0	1961	50.0	3250.0	1548.0	1962	150.0	3250.0	1548.0
1963	-515.0	3750.0	1548.0	1964	50.0	3750.0	1548.0	1965	150.0	3750.0	1548.0
1966	-520.0	3500.0	1552.0	1967	50.0	3500.0	1552.0	1968	150.0	3500.0	1552.0

Nodo	**X**	**Y**	**Z**	**Note**	**Rig. TX**	**Rig. TY**	**Rig. TZ**	**Rig. RX**	**Rig. RY**	**Rig. RZ**
	cm	cm	cm		daN/cm	daN/cm	daN/cm	daN cm/rad	daN cm/rad	daN cm/rad
1	2225.0	-600.0	0.0	FS=2						
2	2325.0	-600.0	0.0	FS=2						
3	2425.0	-600.0	0.0	FS=2						
4	2525.0	-600.0	0.0	FS=2						
5	2625.0	-600.0	0.0	FS=2						
6	2725.0	-600.0	0.0	FS=2						
7	2825.0	-600.0	0.0	FS=2						
8	2925.0	-600.0	0.0	FS=2						
9	3025.0	-600.0	0.0	FS=2						
10	2225.0	-500.0	0.0	FS=2						
11	2325.0	-500.0	0.0	FS=2						
12	2425.0	-500.0	0.0	FS=2						
13	2525.0	-500.0	0.0	FS=2						
14	2625.0	-500.0	0.0	FS=2						
15	2725.0	-500.0	0.0	FS=2						
16	2825.0	-500.0	0.0	FS=2						
17	2925.0	-500.0	0.0	FS=2						
18	3025.0	-500.0	0.0	FS=2						
19	2225.0	-400.0	0.0	FS=2						
20	2325.0	-400.0	0.0	FS=2						
21	2425.0	-400.0	0.0	FS=2						
22	2525.0	-400.0	0.0	FS=2						
23	2625.0	-400.0	0.0	FS=2						
24	2725.0	-400.0	0.0	FS=2						
25	2825.0	-400.0	0.0	FS=2						
26	2925.0	-400.0	0.0	FS=2						
27	3025.0	-400.0	0.0	FS=2						
28	4750.0	-350.0	0.0	FS=2						
29	4850.0	-350.0	0.0	FS=2						
30	4950.0	-350.0	0.0	FS=2						
31	5050.0	-350.0	0.0	FS=2						
32	5150.0	-350.0	0.0	FS=2						
33	5250.0	-350.0	0.0	FS=2						
34	5350.0	-350.0	0.0	FS=2						
35	5450.0	-350.0	0.0	FS=2						
36	5550.0	-350.0	0.0	FS=2						
37	2225.0	-300.0	0.0	FS=2						
38	2325.0	-300.0	0.0	FS=2						
39	2425.0	-300.0	0.0	FS=2						
40	2525.0	-300.0	0.0	FS=2						
41	2625.0	-300.0	0.0	FS=2						
42	2725.0	-300.0	0.0	FS=2						
43	2825.0	-300.0	0.0	FS=2						
44	2925.0	-300.0	0.0	FS=2						
45	3025.0	-300.0	0.0	FS=2						
46	4750.0	-250.0	0.0	FS=2						
47	4850.0	-250.0	0.0	FS=2						
48	4950.0	-250.0	0.0	FS=2						
49	5050.0	-250.0	0.0	FS=2						
50	5150.0	-250.0	0.0	FS=2						
51	5250.0	-250.0	0.0	FS=2						
52	5350.0	-250.0	0.0	FS=2						
53	5450.0	-250.0	0.0	FS=2						
54	5550.0	-250.0	0.0	FS=2						
55	2225.0	-200.0	0.0	FS=2						
56	2325.0	-200.0	0.0	FS=2						
57	2425.0	-200.0	0.0	FS=2						
58	2525.0	-200.0	0.0	FS=2						
59	2625.0	-200.0	0.0	FS=2						
60	2725.0	-200.0	0.0	FS=2						
61	2825.0	-200.0	0.0	FS=2						
62	2925.0	-200.0	0.0	FS=2						
63	3025.0	-200.0	0.0	FS=2						
64	4750.0	-150.0	0.0	FS=2						
65	4850.0	-150.0	0.0	FS=2						
66	4950.0	-150.0	0.0	FS=2						
67	5050.0	-150.0	0.0	FS=2						
68	5150.0	-150.0	0.0	FS=2						

69	5250.0	-150.0	0.0	FS=2
70	5350.0	-150.0	0.0	FS=2
71	5450.0	-150.0	0.0	FS=2
72	5550.0	-150.0	0.0	FS=2
73	2225.0	-100.0	0.0	FS=2
74	2325.0	-100.0	0.0	FS=2
75	2425.0	-100.0	0.0	FS=2
76	2525.0	-100.0	0.0	FS=2
77	2625.0	-100.0	0.0	FS=2
78	2725.0	-100.0	0.0	FS=2
79	2825.0	-100.0	0.0	FS=2
80	2925.0	-100.0	0.0	FS=2
81	3025.0	-100.0	0.0	FS=2
82	4750.0	-50.0	0.0	FS=2
83	4850.0	-50.0	0.0	FS=2
84	4950.0	-50.0	0.0	FS=2
85	5050.0	-50.0	0.0	FS=2
86	5150.0	-50.0	0.0	FS=2
87	5250.0	-50.0	0.0	FS=2
88	5350.0	-50.0	0.0	FS=2
89	5450.0	-50.0	0.0	FS=2
90	5550.0	-50.0	0.0	FS=2
91	2225.0	0.0	0.0	FS=2
92	2325.0	0.0	0.0	FS=2
93	2425.0	0.0	0.0	FS=2
94	2525.0	0.0	0.0	FS=2
95	2625.0	0.0	0.0	FS=2
96	2725.0	0.0	0.0	FS=2
97	2825.0	0.0	0.0	FS=2
98	2925.0	0.0	0.0	FS=2
99	3025.0	0.0	0.0	FS=2
100	4750.0	50.0	0.0	FS=2
101	4850.0	50.0	0.0	FS=2
102	4950.0	50.0	0.0	FS=2
103	5050.0	50.0	0.0	FS=2
104	5150.0	50.0	0.0	FS=2
105	5250.0	50.0	0.0	FS=2
106	5350.0	50.0	0.0	FS=2
107	5450.0	50.0	0.0	FS=2
108	5550.0	50.0	0.0	FS=2
109	2225.0	100.0	0.0	FS=2
110	2325.0	100.0	0.0	FS=2
111	2425.0	100.0	0.0	FS=2
112	2525.0	100.0	0.0	FS=2
113	2625.0	100.0	0.0	FS=2
114	2725.0	100.0	0.0	FS=2
115	2825.0	100.0	0.0	FS=2
116	2925.0	100.0	0.0	FS=2
117	3025.0	100.0	0.0	FS=2
118	4750.0	150.0	0.0	FS=2
119	4850.0	150.0	0.0	FS=2
120	4950.0	150.0	0.0	FS=2
121	5050.0	150.0	0.0	FS=2
122	5150.0	150.0	0.0	FS=2
123	5250.0	150.0	0.0	FS=2
124	5350.0	150.0	0.0	FS=2
125	5450.0	150.0	0.0	FS=2
126	5550.0	150.0	0.0	FS=2
127	2225.0	200.0	0.0	FS=2
128	2325.0	200.0	0.0	FS=2
129	2425.0	200.0	0.0	FS=2
130	2525.0	200.0	0.0	FS=2
131	2625.0	200.0	0.0	FS=2
132	2725.0	200.0	0.0	FS=2
133	2825.0	200.0	0.0	FS=2
134	2925.0	200.0	0.0	FS=2
135	3025.0	200.0	0.0	FS=2
136	4750.0	250.0	0.0	FS=2
137	4850.0	250.0	0.0	FS=2
138	4950.0	250.0	0.0	FS=2
139	5050.0	250.0	0.0	FS=2
140	5150.0	250.0	0.0	FS=2
141	5250.0	250.0	0.0	FS=2
142	5350.0	250.0	0.0	FS=2
143	5450.0	250.0	0.0	FS=2
144	5550.0	250.0	0.0	FS=2
145	2225.0	300.0	0.0	FS=2

146	2325.0	300.0	0.0	FS=2
147	2425.0	300.0	0.0	FS=2
148	2525.0	300.0	0.0	FS=2
149	2625.0	300.0	0.0	FS=2
150	2725.0	300.0	0.0	FS=2
151	2825.0	300.0	0.0	FS=2
152	2925.0	300.0	0.0	FS=2
153	3025.0	300.0	0.0	FS=2
154	4750.0	350.0	0.0	FS=2
155	4850.0	350.0	0.0	FS=2
156	4950.0	350.0	0.0	FS=2
157	5050.0	350.0	0.0	FS=2
158	5150.0	350.0	0.0	FS=2
159	5250.0	350.0	0.0	FS=2
160	5350.0	350.0	0.0	FS=2
161	5450.0	350.0	0.0	FS=2
162	5550.0	350.0	0.0	FS=2
163	2225.0	400.0	0.0	FS=2
164	2325.0	400.0	0.0	FS=2
165	2425.0	400.0	0.0	FS=2
166	2525.0	400.0	0.0	FS=2
167	2625.0	400.0	0.0	FS=2
168	2725.0	400.0	0.0	FS=2
169	2825.0	400.0	0.0	FS=2
170	2925.0	400.0	0.0	FS=2
171	3025.0	400.0	0.0	FS=2
172	4750.0	450.0	0.0	FS=2
173	4850.0	450.0	0.0	FS=2
174	4950.0	450.0	0.0	FS=2
175	5050.0	450.0	0.0	FS=2
176	5150.0	450.0	0.0	FS=2
177	5250.0	450.0	0.0	FS=2
178	5350.0	450.0	0.0	FS=2
179	5450.0	450.0	0.0	FS=2
180	5550.0	450.0	0.0	FS=2
181	2225.0	500.0	0.0	FS=2
182	2325.0	500.0	0.0	FS=2
183	2425.0	500.0	0.0	FS=2
184	2525.0	500.0	0.0	FS=2
185	2625.0	500.0	0.0	FS=2
186	2725.0	500.0	0.0	FS=2
187	2825.0	500.0	0.0	FS=2
188	2925.0	500.0	0.0	FS=2
189	3025.0	500.0	0.0	FS=2
190	4750.0	550.0	0.0	FS=2
191	4850.0	550.0	0.0	FS=2
192	4950.0	550.0	0.0	FS=2
193	5050.0	550.0	0.0	FS=2
194	5150.0	550.0	0.0	FS=2
195	5250.0	550.0	0.0	FS=2
196	5350.0	550.0	0.0	FS=2
197	5450.0	550.0	0.0	FS=2
198	5550.0	550.0	0.0	FS=2
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200	2325.0	600.0	0.0	FS=2
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209	-200.0	650.0	0.0	FS=1
210	-100.0	650.0	0.0	FS=1
211	0.0	650.0	0.0	FS=1
212	100.0	650.0	0.0	FS=1
213	200.0	650.0	0.0	FS=1
214	300.0	650.0	0.0	FS=1
215	400.0	650.0	0.0	FS=1
216	500.0	650.0	0.0	FS=1
217	4750.0	650.0	0.0	FS=2
218	4850.0	650.0	0.0	FS=2
219	4950.0	650.0	0.0	FS=2
220	5050.0	650.0	0.0	FS=2
221	5150.0	650.0	0.0	FS=2
222	5250.0	650.0	0.0	FS=2

223	5350.0	650.0	0.0	FS=2
224	5450.0	650.0	0.0	FS=2
225	5550.0	650.0	0.0	FS=2
226	-300.0	750.0	0.0	FS=1
227	-200.0	750.0	0.0	FS=1
228	-100.0	750.0	0.0	FS=1
229	0.0	750.0	0.0	FS=1
230	100.0	750.0	0.0	FS=1
231	200.0	750.0	0.0	FS=1
232	300.0	750.0	0.0	FS=1
233	400.0	750.0	0.0	FS=1
234	500.0	750.0	0.0	FS=1
235	4750.0	750.0	0.0	FS=2
236	4850.0	750.0	0.0	FS=2
237	4950.0	750.0	0.0	FS=2
238	5050.0	750.0	0.0	FS=2
239	5150.0	750.0	0.0	FS=2
240	5250.0	750.0	0.0	FS=2
241	5350.0	750.0	0.0	FS=2
242	5450.0	750.0	0.0	FS=2
243	5550.0	750.0	0.0	FS=2
244	-300.0	850.0	0.0	FS=1
245	-200.0	850.0	0.0	FS=1
246	-100.0	850.0	0.0	FS=1
247	0.0	850.0	0.0	FS=1
248	100.0	850.0	0.0	FS=1
249	200.0	850.0	0.0	FS=1
250	300.0	850.0	0.0	FS=1
251	400.0	850.0	0.0	FS=1
252	500.0	850.0	0.0	FS=1
253	4750.0	850.0	0.0	FS=2
254	4850.0	850.0	0.0	FS=2
255	4950.0	850.0	0.0	FS=2
256	5050.0	850.0	0.0	FS=2
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258	5250.0	850.0	0.0	FS=2
259	5350.0	850.0	0.0	FS=2
260	5450.0	850.0	0.0	FS=2
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263	-200.0	950.0	0.0	FS=1
264	-100.0	950.0	0.0	FS=1
265	0.0	950.0	0.0	FS=1
266	100.0	950.0	0.0	FS=1
267	200.0	950.0	0.0	FS=1
268	300.0	950.0	0.0	FS=1
269	400.0	950.0	0.0	FS=1
270	500.0	950.0	0.0	FS=1
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272	-200.0	1050.0	0.0	FS=1
273	-100.0	1050.0	0.0	FS=1
274	0.0	1050.0	0.0	FS=1
275	100.0	1050.0	0.0	FS=1
276	200.0	1050.0	0.0	FS=1
277	300.0	1050.0	0.0	FS=1
278	400.0	1050.0	0.0	FS=1
279	500.0	1050.0	0.0	FS=1
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281	-200.0	1150.0	0.0	FS=1
282	-100.0	1150.0	0.0	FS=1
283	0.0	1150.0	0.0	FS=1
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285	200.0	1150.0	0.0	FS=1
286	300.0	1150.0	0.0	FS=1
287	400.0	1150.0	0.0	FS=1
288	500.0	1150.0	0.0	FS=1
289	7275.0	1150.0	0.0	FS=1
290	7375.0	1150.0	0.0	FS=1
291	7475.0	1150.0	0.0	FS=1
292	7575.0	1150.0	0.0	FS=1
293	7675.0	1150.0	0.0	FS=1
294	7775.0	1150.0	0.0	FS=1
295	7875.0	1150.0	0.0	FS=1
296	7975.0	1150.0	0.0	FS=1
297	8075.0	1150.0	0.0	FS=1
298	-300.0	1250.0	0.0	FS=1
299	-200.0	1250.0	0.0	FS=1

300	-100.0	1250.0	0.0	FS=1
301	0.0	1250.0	0.0	FS=1
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303	200.0	1250.0	0.0	FS=1
304	300.0	1250.0	0.0	FS=1
305	400.0	1250.0	0.0	FS=1
306	500.0	1250.0	0.0	FS=1
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308	7375.0	1250.0	0.0	FS=1
309	7475.0	1250.0	0.0	FS=1
310	7575.0	1250.0	0.0	FS=1
311	7675.0	1250.0	0.0	FS=1
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314	7975.0	1250.0	0.0	FS=1
315	8075.0	1250.0	0.0	FS=1
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317	-200.0	1350.0	0.0	FS=1
318	-100.0	1350.0	0.0	FS=1
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321	200.0	1350.0	0.0	FS=1
322	300.0	1350.0	0.0	FS=1
323	400.0	1350.0	0.0	FS=1
324	500.0	1350.0	0.0	FS=1
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326	7375.0	1350.0	0.0	FS=1
327	7475.0	1350.0	0.0	FS=1
328	7575.0	1350.0	0.0	FS=1
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335	-200.0	1450.0	0.0	FS=1
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339	200.0	1450.0	0.0	FS=1
340	300.0	1450.0	0.0	FS=1
341	400.0	1450.0	0.0	FS=1
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353	-200.0	1550.0	0.0	FS=1
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371	-200.0	1650.0	0.0	FS=1
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452	7375.0	2250.0	0.0	FS=1
453	7475.0	2250.0	0.0	FS=1

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479	7375.0	4750.0	0.0	FS=1
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494	7975.0	4850.0	0.0	FS=1
495	8075.0	4850.0	0.0	FS=1
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497	7375.0	4950.0	0.0	FS=1
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501	7775.0	4950.0	0.0	FS=1
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503	7975.0	4950.0	0.0	FS=1
504	8075.0	4950.0	0.0	FS=1
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506	7375.0	5050.0	0.0	FS=1
507	7475.0	5050.0	0.0	FS=1
508	7575.0	5050.0	0.0	FS=1
509	7675.0	5050.0	0.0	FS=1
510	7775.0	5050.0	0.0	FS=1
511	7875.0	5050.0	0.0	FS=1
512	7975.0	5050.0	0.0	FS=1
513	8075.0	5050.0	0.0	FS=1
514	-300.0	5150.0	0.0	FS=1
515	-200.0	5150.0	0.0	FS=1
516	-100.0	5150.0	0.0	FS=1
517	0.0	5150.0	0.0	FS=1
518	100.0	5150.0	0.0	FS=1
519	200.0	5150.0	0.0	FS=1
520	300.0	5150.0	0.0	FS=1
521	400.0	5150.0	0.0	FS=1
522	500.0	5150.0	0.0	FS=1
523	7275.0	5150.0	0.0	FS=1
524	7375.0	5150.0	0.0	FS=1
525	7475.0	5150.0	0.0	FS=1
526	7575.0	5150.0	0.0	FS=1
527	7675.0	5150.0	0.0	FS=1
528	7775.0	5150.0	0.0	FS=1
529	7875.0	5150.0	0.0	FS=1
530	7975.0	5150.0	0.0	FS=1

531	8075.0	5150.0	0.0	FS=1
532	-300.0	5250.0	0.0	FS=1
533	-200.0	5250.0	0.0	FS=1
534	-100.0	5250.0	0.0	FS=1
535	0.0	5250.0	0.0	FS=1
536	100.0	5250.0	0.0	FS=1
537	200.0	5250.0	0.0	FS=1
538	300.0	5250.0	0.0	FS=1
539	400.0	5250.0	0.0	FS=1
540	500.0	5250.0	0.0	FS=1
541	7275.0	5250.0	0.0	FS=1
542	7375.0	5250.0	0.0	FS=1
543	7475.0	5250.0	0.0	FS=1
544	7575.0	5250.0	0.0	FS=1
545	7675.0	5250.0	0.0	FS=1
546	7775.0	5250.0	0.0	FS=1
547	7875.0	5250.0	0.0	FS=1
548	7975.0	5250.0	0.0	FS=1
549	8075.0	5250.0	0.0	FS=1
550	-300.0	5350.0	0.0	FS=1
551	-200.0	5350.0	0.0	FS=1
552	-100.0	5350.0	0.0	FS=1
553	0.0	5350.0	0.0	FS=1
554	100.0	5350.0	0.0	FS=1
555	200.0	5350.0	0.0	FS=1
556	300.0	5350.0	0.0	FS=1
557	400.0	5350.0	0.0	FS=1
558	500.0	5350.0	0.0	FS=1
559	7275.0	5350.0	0.0	FS=1
560	7375.0	5350.0	0.0	FS=1
561	7475.0	5350.0	0.0	FS=1
562	7575.0	5350.0	0.0	FS=1
563	7675.0	5350.0	0.0	FS=1
564	7775.0	5350.0	0.0	FS=1
565	7875.0	5350.0	0.0	FS=1
566	7975.0	5350.0	0.0	FS=1
567	8075.0	5350.0	0.0	FS=1
568	-300.0	5450.0	0.0	FS=1
569	-200.0	5450.0	0.0	FS=1
570	-100.0	5450.0	0.0	FS=1
571	0.0	5450.0	0.0	FS=1
572	100.0	5450.0	0.0	FS=1
573	200.0	5450.0	0.0	FS=1
574	300.0	5450.0	0.0	FS=1
575	400.0	5450.0	0.0	FS=1
576	500.0	5450.0	0.0	FS=1
577	7275.0	5450.0	0.0	FS=1
578	7375.0	5450.0	0.0	FS=1
579	7475.0	5450.0	0.0	FS=1
580	7575.0	5450.0	0.0	FS=1
581	7675.0	5450.0	0.0	FS=1
582	7775.0	5450.0	0.0	FS=1
583	7875.0	5450.0	0.0	FS=1
584	7975.0	5450.0	0.0	FS=1
585	8075.0	5450.0	0.0	FS=1
586	-300.0	5550.0	0.0	FS=1
587	-200.0	5550.0	0.0	FS=1
588	-100.0	5550.0	0.0	FS=1
589	0.0	5550.0	0.0	FS=1
590	100.0	5550.0	0.0	FS=1
591	200.0	5550.0	0.0	FS=1
592	300.0	5550.0	0.0	FS=1
593	400.0	5550.0	0.0	FS=1
594	500.0	5550.0	0.0	FS=1
595	7275.0	5550.0	0.0	FS=1
596	7375.0	5550.0	0.0	FS=1
597	7475.0	5550.0	0.0	FS=1
598	7575.0	5550.0	0.0	FS=1
599	7675.0	5550.0	0.0	FS=1
600	7775.0	5550.0	0.0	FS=1
601	7875.0	5550.0	0.0	FS=1
602	7975.0	5550.0	0.0	FS=1
603	8075.0	5550.0	0.0	FS=1
604	-300.0	5650.0	0.0	FS=1
605	-200.0	5650.0	0.0	FS=1
606	-100.0	5650.0	0.0	FS=1
607	0.0	5650.0	0.0	FS=1

608	100.0	5650.0	0.0	FS=1
609	200.0	5650.0	0.0	FS=1
610	300.0	5650.0	0.0	FS=1
611	400.0	5650.0	0.0	FS=1
612	500.0	5650.0	0.0	FS=1
613	7275.0	5650.0	0.0	FS=1
614	7375.0	5650.0	0.0	FS=1
615	7475.0	5650.0	0.0	FS=1
616	7575.0	5650.0	0.0	FS=1
617	7675.0	5650.0	0.0	FS=1
618	7775.0	5650.0	0.0	FS=1
619	7875.0	5650.0	0.0	FS=1
620	7975.0	5650.0	0.0	FS=1
621	8075.0	5650.0	0.0	FS=1
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623	-200.0	5750.0	0.0	FS=1
624	-100.0	5750.0	0.0	FS=1
625	0.0	5750.0	0.0	FS=1
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627	200.0	5750.0	0.0	FS=1
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629	400.0	5750.0	0.0	FS=1
630	500.0	5750.0	0.0	FS=1
631	7275.0	5750.0	0.0	FS=1
632	7375.0	5750.0	0.0	FS=1
633	7475.0	5750.0	0.0	FS=1
634	7575.0	5750.0	0.0	FS=1
635	7675.0	5750.0	0.0	FS=1
636	7775.0	5750.0	0.0	FS=1
637	7875.0	5750.0	0.0	FS=1
638	7975.0	5750.0	0.0	FS=1
639	8075.0	5750.0	0.0	FS=1
640	-300.0	5850.0	0.0	FS=1
641	-200.0	5850.0	0.0	FS=1
642	-100.0	5850.0	0.0	FS=1
643	0.0	5850.0	0.0	FS=1
644	100.0	5850.0	0.0	FS=1
645	200.0	5850.0	0.0	FS=1
646	300.0	5850.0	0.0	FS=1
647	400.0	5850.0	0.0	FS=1
648	500.0	5850.0	0.0	FS=1
649	7275.0	5850.0	0.0	FS=1
650	7375.0	5850.0	0.0	FS=1
651	7475.0	5850.0	0.0	FS=1
652	7575.0	5850.0	0.0	FS=1
653	7675.0	5850.0	0.0	FS=1
654	7775.0	5850.0	0.0	FS=1
655	7875.0	5850.0	0.0	FS=1
656	7975.0	5850.0	0.0	FS=1
657	8075.0	5850.0	0.0	FS=1
658	-300.0	5950.0	0.0	FS=1
659	-200.0	5950.0	0.0	FS=1
660	-100.0	5950.0	0.0	FS=1
661	0.0	5950.0	0.0	FS=1
662	100.0	5950.0	0.0	FS=1
663	200.0	5950.0	0.0	FS=1
664	300.0	5950.0	0.0	FS=1
665	400.0	5950.0	0.0	FS=1
666	500.0	5950.0	0.0	FS=1
667	-300.0	6050.0	0.0	FS=1
668	-200.0	6050.0	0.0	FS=1
669	-100.0	6050.0	0.0	FS=1
670	0.0	6050.0	0.0	FS=1
671	100.0	6050.0	0.0	FS=1
672	200.0	6050.0	0.0	FS=1
673	300.0	6050.0	0.0	FS=1
674	400.0	6050.0	0.0	FS=1
675	500.0	6050.0	0.0	FS=1
676	-300.0	6150.0	0.0	FS=1
677	-200.0	6150.0	0.0	FS=1
678	-100.0	6150.0	0.0	FS=1
679	0.0	6150.0	0.0	FS=1
680	100.0	6150.0	0.0	FS=1
681	200.0	6150.0	0.0	FS=1
682	300.0	6150.0	0.0	FS=1
683	400.0	6150.0	0.0	FS=1
684	500.0	6150.0	0.0	FS=1

685	4750.0	6150.0	0.0	FS=2
686	4850.0	6150.0	0.0	FS=2
687	4950.0	6150.0	0.0	FS=2
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689	5150.0	6150.0	0.0	FS=2
690	5250.0	6150.0	0.0	FS=2
691	5350.0	6150.0	0.0	FS=2
692	5450.0	6150.0	0.0	FS=2
693	5550.0	6150.0	0.0	FS=2
694	-300.0	6250.0	0.0	FS=1
695	-200.0	6250.0	0.0	FS=1
696	-100.0	6250.0	0.0	FS=1
697	0.0	6250.0	0.0	FS=1
698	100.0	6250.0	0.0	FS=1
699	200.0	6250.0	0.0	FS=1
700	300.0	6250.0	0.0	FS=1
701	400.0	6250.0	0.0	FS=1
702	500.0	6250.0	0.0	FS=1
703	4750.0	6250.0	0.0	FS=2
704	4850.0	6250.0	0.0	FS=2
705	4950.0	6250.0	0.0	FS=2
706	5050.0	6250.0	0.0	FS=2
707	5150.0	6250.0	0.0	FS=2
708	5250.0	6250.0	0.0	FS=2
709	5350.0	6250.0	0.0	FS=2
710	5450.0	6250.0	0.0	FS=2
711	5550.0	6250.0	0.0	FS=2
712	-300.0	6350.0	0.0	FS=1
713	-200.0	6350.0	0.0	FS=1
714	-100.0	6350.0	0.0	FS=1
715	0.0	6350.0	0.0	FS=1
716	100.0	6350.0	0.0	FS=1
717	200.0	6350.0	0.0	FS=1
718	300.0	6350.0	0.0	FS=1
719	400.0	6350.0	0.0	FS=1
720	500.0	6350.0	0.0	FS=1
721	4750.0	6350.0	0.0	FS=2
722	4850.0	6350.0	0.0	FS=2
723	4950.0	6350.0	0.0	FS=2
724	5050.0	6350.0	0.0	FS=2
725	5150.0	6350.0	0.0	FS=2
726	5250.0	6350.0	0.0	FS=2
727	5350.0	6350.0	0.0	FS=2
728	5450.0	6350.0	0.0	FS=2
729	5550.0	6350.0	0.0	FS=2
730	2225.0	6400.0	0.0	FS=2
731	2325.0	6400.0	0.0	FS=2
732	2425.0	6400.0	0.0	FS=2
733	2525.0	6400.0	0.0	FS=2
734	2625.0	6400.0	0.0	FS=2
735	2725.0	6400.0	0.0	FS=2
736	2825.0	6400.0	0.0	FS=2
737	2925.0	6400.0	0.0	FS=2
738	3025.0	6400.0	0.0	FS=2
739	4750.0	6450.0	0.0	FS=2
740	4850.0	6450.0	0.0	FS=2
741	4950.0	6450.0	0.0	FS=2
742	5050.0	6450.0	0.0	FS=2
743	5150.0	6450.0	0.0	FS=2
744	5250.0	6450.0	0.0	FS=2
745	5350.0	6450.0	0.0	FS=2
746	5450.0	6450.0	0.0	FS=2
747	5550.0	6450.0	0.0	FS=2
748	2225.0	6500.0	0.0	FS=2
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750	2425.0	6500.0	0.0	FS=2
751	2525.0	6500.0	0.0	FS=2
752	2625.0	6500.0	0.0	FS=2
753	2725.0	6500.0	0.0	FS=2
754	2825.0	6500.0	0.0	FS=2
755	2925.0	6500.0	0.0	FS=2
756	3025.0	6500.0	0.0	FS=2
757	4750.0	6550.0	0.0	FS=2
758	4850.0	6550.0	0.0	FS=2
759	4950.0	6550.0	0.0	FS=2
760	5050.0	6550.0	0.0	FS=2
761	5150.0	6550.0	0.0	FS=2

762	5250.0	6550.0	0.0	FS=2
763	5350.0	6550.0	0.0	FS=2
764	5450.0	6550.0	0.0	FS=2
765	5550.0	6550.0	0.0	FS=2
766	2225.0	6600.0	0.0	FS=2
767	2325.0	6600.0	0.0	FS=2
768	2425.0	6600.0	0.0	FS=2
769	2525.0	6600.0	0.0	FS=2
770	2625.0	6600.0	0.0	FS=2
771	2725.0	6600.0	0.0	FS=2
772	2825.0	6600.0	0.0	FS=2
773	2925.0	6600.0	0.0	FS=2
774	3025.0	6600.0	0.0	FS=2
775	4750.0	6650.0	0.0	FS=2
776	4850.0	6650.0	0.0	FS=2
777	4950.0	6650.0	0.0	FS=2
778	5050.0	6650.0	0.0	FS=2
779	5150.0	6650.0	0.0	FS=2
780	5250.0	6650.0	0.0	FS=2
781	5350.0	6650.0	0.0	FS=2
782	5450.0	6650.0	0.0	FS=2
783	5550.0	6650.0	0.0	FS=2
784	2225.0	6700.0	0.0	FS=2
785	2325.0	6700.0	0.0	FS=2
786	2425.0	6700.0	0.0	FS=2
787	2525.0	6700.0	0.0	FS=2
788	2625.0	6700.0	0.0	FS=2
789	2725.0	6700.0	0.0	FS=2
790	2825.0	6700.0	0.0	FS=2
791	2925.0	6700.0	0.0	FS=2
792	3025.0	6700.0	0.0	FS=2
793	4750.0	6750.0	0.0	FS=2
794	4850.0	6750.0	0.0	FS=2
795	4950.0	6750.0	0.0	FS=2
796	5050.0	6750.0	0.0	FS=2
797	5150.0	6750.0	0.0	FS=2
798	5250.0	6750.0	0.0	FS=2
799	5350.0	6750.0	0.0	FS=2
800	5450.0	6750.0	0.0	FS=2
801	5550.0	6750.0	0.0	FS=2
802	2225.0	6800.0	0.0	FS=2
803	2325.0	6800.0	0.0	FS=2
804	2425.0	6800.0	0.0	FS=2
805	2525.0	6800.0	0.0	FS=2
806	2625.0	6800.0	0.0	FS=2
807	2725.0	6800.0	0.0	FS=2
808	2825.0	6800.0	0.0	FS=2
809	2925.0	6800.0	0.0	FS=2
810	3025.0	6800.0	0.0	FS=2
811	4750.0	6850.0	0.0	FS=2
812	4850.0	6850.0	0.0	FS=2
813	4950.0	6850.0	0.0	FS=2
814	5050.0	6850.0	0.0	FS=2
815	5150.0	6850.0	0.0	FS=2
816	5250.0	6850.0	0.0	FS=2
817	5350.0	6850.0	0.0	FS=2
818	5450.0	6850.0	0.0	FS=2
819	5550.0	6850.0	0.0	FS=2
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821	2325.0	6900.0	0.0	FS=2
822	2425.0	6900.0	0.0	FS=2
823	2525.0	6900.0	0.0	FS=2
824	2625.0	6900.0	0.0	FS=2
825	2725.0	6900.0	0.0	FS=2
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830	4850.0	6950.0	0.0	FS=2
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839	2325.0	7000.0	0.0	FS=2
840	2425.0	7000.0	0.0	FS=2
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843	2725.0	7000.0	0.0	FS=2
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845	2925.0	7000.0	0.0	FS=2
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847	4750.0	7050.0	0.0	FS=2
848	4850.0	7050.0	0.0	FS=2
849	4950.0	7050.0	0.0	FS=2
850	5050.0	7050.0	0.0	FS=2
851	5150.0	7050.0	0.0	FS=2
852	5250.0	7050.0	0.0	FS=2
853	5350.0	7050.0	0.0	FS=2
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857	2325.0	7100.0	0.0	FS=2
858	2425.0	7100.0	0.0	FS=2
859	2525.0	7100.0	0.0	FS=2
860	2625.0	7100.0	0.0	FS=2
861	2725.0	7100.0	0.0	FS=2
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863	2925.0	7100.0	0.0	FS=2
864	3025.0	7100.0	0.0	FS=2
865	4750.0	7150.0	0.0	FS=2
866	4850.0	7150.0	0.0	FS=2
867	4950.0	7150.0	0.0	FS=2
868	5050.0	7150.0	0.0	FS=2
869	5150.0	7150.0	0.0	FS=2
870	5250.0	7150.0	0.0	FS=2
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874	2225.0	7200.0	0.0	FS=2
875	2325.0	7200.0	0.0	FS=2
876	2425.0	7200.0	0.0	FS=2
877	2525.0	7200.0	0.0	FS=2
878	2625.0	7200.0	0.0	FS=2
879	2725.0	7200.0	0.0	FS=2
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881	2925.0	7200.0	0.0	FS=2
882	3025.0	7200.0	0.0	FS=2
883	4750.0	7250.0	0.0	FS=2
884	4850.0	7250.0	0.0	FS=2
885	4950.0	7250.0	0.0	FS=2
886	5050.0	7250.0	0.0	FS=2
887	5150.0	7250.0	0.0	FS=2
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891	5550.0	7250.0	0.0	FS=2
892	2225.0	7300.0	0.0	FS=2
893	2325.0	7300.0	0.0	FS=2
894	2425.0	7300.0	0.0	FS=2
895	2525.0	7300.0	0.0	FS=2
896	2625.0	7300.0	0.0	FS=2
897	2725.0	7300.0	0.0	FS=2
898	2825.0	7300.0	0.0	FS=2
899	2925.0	7300.0	0.0	FS=2
900	3025.0	7300.0	0.0	FS=2
901	4750.0	7350.0	0.0	FS=2
902	4850.0	7350.0	0.0	FS=2
903	4950.0	7350.0	0.0	FS=2
904	5050.0	7350.0	0.0	FS=2
905	5150.0	7350.0	0.0	FS=2
906	5250.0	7350.0	0.0	FS=2
907	5350.0	7350.0	0.0	FS=2
908	5450.0	7350.0	0.0	FS=2
909	5550.0	7350.0	0.0	FS=2
910	2225.0	7400.0	0.0	FS=2
911	2325.0	7400.0	0.0	FS=2
912	2425.0	7400.0	0.0	FS=2
913	2525.0	7400.0	0.0	FS=2
914	2625.0	7400.0	0.0	FS=2
915	2725.0	7400.0	0.0	FS=2

916	2825.0	7400.0	0.0	FS=2
917	2925.0	7400.0	0.0	FS=2
918	3025.0	7400.0	0.0	FS=2
919	2225.0	7500.0	0.0	FS=2
920	2325.0	7500.0	0.0	FS=2
921	2425.0	7500.0	0.0	FS=2
922	2525.0	7500.0	0.0	FS=2
923	2625.0	7500.0	0.0	FS=2
924	2725.0	7500.0	0.0	FS=2
925	2825.0	7500.0	0.0	FS=2
926	2925.0	7500.0	0.0	FS=2
927	3025.0	7500.0	0.0	FS=2
928	2225.0	7600.0	0.0	FS=2
929	2325.0	7600.0	0.0	FS=2
930	2425.0	7600.0	0.0	FS=2
931	2525.0	7600.0	0.0	FS=2
932	2625.0	7600.0	0.0	FS=2
933	2725.0	7600.0	0.0	FS=2
934	2825.0	7600.0	0.0	FS=2
935	2925.0	7600.0	0.0	FS=2
936	3025.0	7600.0	0.0	FS=2

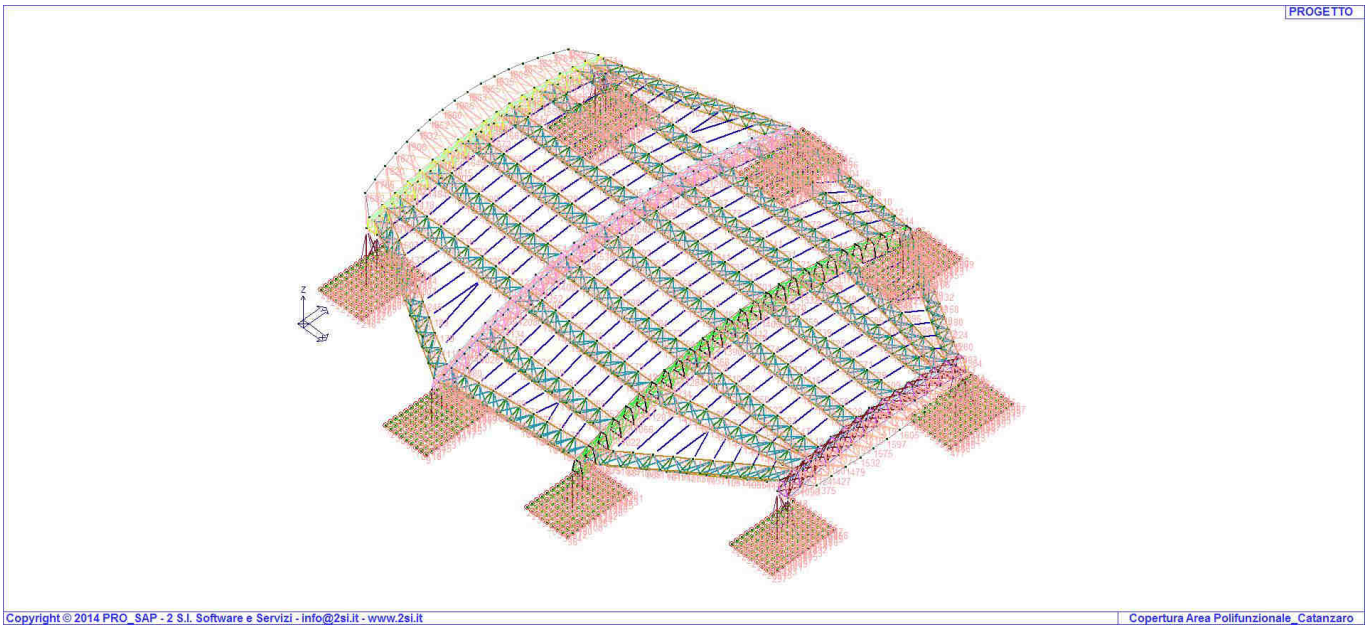
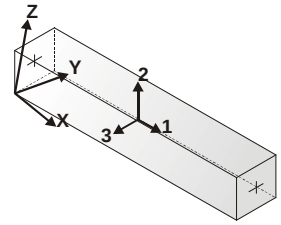


Fig. 2

MODELLAZIONE STRUTTURA: ELEMENTI TRAVE

TABELLA DATI TRAVI

Il programma utilizza per la modellazione elementi a due nodi denominati in generale travi.
Ogni elemento trave è individuato dal nodo iniziale e dal nodo finale.
Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione.



orientamento elementi 2D non verticali



orientamento elementi 2D verticali

In particolare per ogni elemento viene indicato in tabella:

Elem.	numero dell'elemento
Note	codice di comportamento: trave, trave di fondazione, pilastro, asta, asta tesa, asta compressa
Nodo I (J)	numero del nodo iniziale (finale)
Mat.	codice del materiale assegnato all'elemento
Sez.	codice della sezione assegnata all'elemento
Rotaz.	valore della rotazione dell'elemento, attorno al proprio asse, nel caso in cui l'orientamento di default non sia adottabile; l'orientamento di default prevede per gli elementi non verticali l'asse 2 contenuto nel piano verticale e l'asse 3 orizzontale, per gli elementi verticali l'asse 2 diretto secondo X negativo e l'asse 3 diretto secondo Y negativo
Svincolo I (J)	codici di svincolo per le azioni interne; i primi sei codici si riferiscono al nodo iniziale, i restanti sei al nodo finale (il valore 1 indica che la relativa azione interna non è attiva)
Wink V	costante di sottofondo (coefficiente di Winkler) per la modellazione della trave su suolo elastico
Wink O	costante di sottofondo (coefficiente di Winkler) per la modellazione del suolo elastico orizzontale

Con riferimento al **Documento di Affidabilità** "*Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST*" - versione Maggio 2011, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
2	TRAVI A UNA CAMPATA
3	TRAVE A PIU' CAMPATE
4	TRAVE A UNA CAMPATA SU TERRENO ALLA WINKLER
5	TRAVI SU TERRENO ALLA WINKLER CON CARICO TRASVERSALE
6	TELAI PIANI CON CERNIERE ALLA BASE
7	TELAI PIANI CON INCASTRI ALLA BASE
11	STRUTTURE SOGGETTE A VARIAZIONI TERMICHE
12	STRUTTURE SU TERRENO ALLA WINKLER SOTTOPOSTE A CARICHI DISTRIBUITI TRIANGOLARI
21	DRILLING
24	TENSIONI E ROTAZIONI RISPETTO ALLA CORDA DI ELEMENTI TRAVE
27	FRECCIA DI ELEMENTI TRAVE
41	GERARCHIA DELLE RESISTENZE PER TRAVI IN C.A.
42	GERARCHIA DELLE RESISTENZE PER PILASTRI IN C.A.
43	VERIFICA ALLE TA DI STRUTTURE IN C.A.
44	VERIFICA AGLI SLU DI STRUTTURE IN C.A.
46	VERIFICA A PUNZONAMENTO ALLO SLU DI TRAVI IN C.A.
47	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 9/1/96
48	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 14/1/2008
49	VERIFICA ALLO SLE (TENSIONI E FESSURAZIONE) DI STRUTTURE IN C.A.
50	VERIFICA ALLO SLE (DEFORMAZIONE) DI STRUTTURE IN C.A.
51	FATTORE DI STRUTTURA
52	SOVRARESISTENZE

53	DETTAGLI COSTRUTTIVI C.A.: LIMITI D'ARMATURA PILASTRI E NODI TRAVE-PILASTRO
55	VERIFICA DI STABILITA' DI ASTE COMPRESSE IN ACCIAIO – METODO OMEGA
56	LUCE LIBERA DI TRAVI E ASTE IN ACCIAIO
57	LUCE LIBERA DI COLONNE IN ACCIAIO
58	SVERGOLAMENTO DI TRAVI IN ACCIAIO
63	STABILITA' DI ASTE COMPOSTE IN ACCIAIO
68	VALUTAZIONE EFFETTO P-δ SU PILASTRATA
69	VALUTAZIONE EFFETTO P-δ SU TELAIO 3D
80	ANALISI PUSHOVER DI UN EDIFICIO IN C.A.
82	ANALISI ELASTO PLASTICA INCREMENTALE
83	ANALISI ELASTO PLASTICA INCREMENTALE
89	VERIFICA ALLO SLU DI STRUTTURE IN LEGNO SECONDO EC5
90	VERIFICA ALLO SLE DI STRUTTURE IN LEGNO SECONDO EC5
93	SNELLEZZE EC5
120	PROGETTO E VERIFICA DI TRAVI PREM

Elem.	Note	Nodo I	Nodo J	Mat.	Sez.	Rotaz. gradi	Svincolo I	Svincolo J	Wink V daN/cm3	Wink O daN/cm3
1	Asta	58	938	11	23					
2	Asta	937	60	11	23					
3	Asta	130	938	11	23					
4	Asta	937	132	11	23					
5	Asta	805	940	11	23					
6	Asta	939	807	11	23					
7	Asta	877	940	11	23					
8	Asta	939	879	11	23					
9	Asta	103	942	11	23					
10	Asta	941	105	11	23					
11	Asta	175	942	11	23					
12	Asta	941	177	11	23					
13	Asta	943	762	11	23					
14	Asta	760	944	11	23					
15	Asta	832	944	11	23					
16	Asta	943	834	11	23					
17	Asta	364	1042	11	23					
18	Asta	1041	366	11	23					
19	Asta	427	1042	11	23					
20	Asta	1041	429	11	23					
21	Asta	508	1044	11	23					
22	Asta	1043	510	11	23					
23	Asta	580	1044	11	23					
24	Asta	1043	582	11	23					
25	Asta	937	938	11	7					
26	Asta	274	1191	11	23					
27	Asta	1190	276	11	23					
28	Asta	337	1191	11	23					

29	Asta	1190	339	11	23
30	Asta	589	1194	11	23
31	Asta	1193	591	11	23
32	Asta	661	1194	11	23
33	Asta	1193	663	11	23
34	Asta	939	940	11	7
35	Asta	941	942	11	11
36	Asta	943	944	11	11
37	Asta	937	948	11	8
38	Asta	947	938	11	8
39	Asta	949	940	11	8
40	Asta	939	950	11	8
41	Asta	951	942	11	12
42	Asta	941	952	11	12
43	Asta	943	954	11	12
44	Asta	953	944	11	12
45	Asta	947	948	11	7
46	Asta	949	950	11	7
47	Asta	951	952	11	11
48	Asta	953	954	11	11
49	Asta	937	991	11	7
50	Asta	992	938	11	7
51	Asta	955	945	11	18
52	Asta	956	946	11	18
53	Asta	939	995	11	7
54	Asta	996	940	11	7
55	Asta	941	1015	11	11
56	Asta	1016	942	11	11
57	Asta	943	1017	11	11
58	Asta	1018	944	11	11
59	Asta	979	948	11	8
60	Asta	947	980	11	8
61	Asta	949	982	11	8
62	Asta	981	950	11	8
63	Asta	957	959	11	18
64	Asta	958	960	11	18
65	Asta	959	961	11	18
66	Asta	960	962	11	18
67	Asta	961	963	11	18
68	Asta	962	964	11	18
69	Asta	963	965	11	18
70	Asta	964	966	11	18
71	Asta	951	984	11	12
72	Asta	983	952	11	12
73	Asta	985	954	11	12
74	Asta	953	986	11	12
75	Asta	965	967	11	18
76	Asta	966	968	11	18
77	Asta	967	969	11	18
78	Asta	968	970	11	18
79	Asta	969	971	11	18
80	Asta	970	972	11	18
81	Asta	971	973	11	18
82	Asta	972	974	11	18
83	Asta	945	991	11	20
84	Asta	977	955	11	18
85	Asta	978	956	11	18
86	Asta	946	995	11	20
87	Asta	937	1053	11	8
88	Asta	1054	938	11	8
89	Asta	939	1055	11	8
90	Asta	1056	940	11	8
91	Asta	941	1085	11	12
92	Asta	1086	942	11	12
93	Asta	943	1087	11	12
94	Asta	1088	944	11	12
95	Asta	1029	945	11	19
96	Asta	946	1032	11	19
97	Asta	992	957	11	20
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99	Asta	997	957	11	19
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101	Asta	997	959	11	20
102	Asta	998	960	11	20
103	Asta	979	980	11	7
104	Asta	981	982	11	7
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106	Asta	960	1000	11	19
107	Asta	999	961	11	20
108	Asta	1000	962	11	20
109	Asta	983	984	11	11
110	Asta	985	986	11	11
111	Asta	1001	961	11	19
112	Asta	962	1002	11	19
113	Asta	975	987	11	18
114	Asta	976	988	11	18
115	Asta	1001	963	11	20
116	Asta	1002	964	11	20
117	Asta	1003	963	11	19
118	Asta	964	1004	11	19
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126	Asta	968	1008	11	19
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128	Asta	968	1010	11	20
129	Asta	1009	969	11	19
130	Asta	970	1010	11	19
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132	Asta	970	1012	11	20
133	Asta	1011	971	11	19
134	Asta	972	1012	11	19
135	Asta	971	1013	11	20
136	Asta	972	1014	11	20
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138	Asta	974	1014	11	19
139	Asta	973	1015	11	20
140	Asta	974	1017	11	20
141	Asta	955	1029	11	20
142	Asta	993	977	11	18
143	Asta	994	978	11	18
144	Asta	956	1032	11	20
145	Asta	945	1053	11	20
146	Asta	946	1055	11	20
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148	Asta	1054	948	11	7
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150	Asta	1056	950	11	7
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161	Asta	983	1022	11	12
162	Asta	985	1024	11	12
163	Asta	1023	986	11	12
164	Asta	976	1036	11	19
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166	Asta	1047	955	11	19
167	Asta	956	1050	11	19
168	Asta	995	996	11	7
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182	Asta	1002	1004	11	17

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186	Asta	1058	958	11	19
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191	Asta	959	1061	11	19
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194	Asta	1062	962	11	20
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198	Asta	1006	1008	11	17
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207	Asta	1069	965	11	20
208	Asta	1070	966	11	20
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210	Asta	965	1071	11	19
211	Asta	1072	966	11	19
212	Asta	1008	1010	11	17
213	Asta	965	1073	11	20
214	Asta	966	1074	11	20
215	Asta	967	1073	11	19
216	Asta	1074	968	11	19
217	Asta	967	1077	11	20
218	Asta	968	1078	11	20
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241	Asta	1030	993	11	18
242	Asta	1031	994	11	18
243	Asta	978	1050	11	20
244	Asta	1032	995	11	17
245	Asta	955	1113	11	20
246	Asta	956	1114	11	20
247	Asta	1039	987	11	19
248	Asta	988	1040	11	19
249	Asta	947	1145	11	8
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251	Asta	949	1147	11	8
252	Asta	1148	950	11	8
253	Asta	1086	975	11	20
254	Asta	1088	976	11	20
255	Asta	1016	1035	11	17
256	Asta	1018	1036	11	17
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260	Asta	1154	952	11	12
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262	Asta	1156	954	11	12
263	Asta	1021	1022	11	11
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265	Asta	1039	989	11	20
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267	Asta	1025	1026	11	7
268	Asta	1027	1028	11	7
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279	Asta	992	1057	11	20
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281	Asta	1054	997	11	20
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319	Asta	1007	1077	11	20
320	Asta	1008	1078	11	20
321	Asta	1073	1009	11	20
322	Asta	1074	1010	11	20
323	Asta	1033	1037	11	18
324	Asta	1034	1038	11	18
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331	Asta	1011	1079	11	19
332	Asta	1080	1012	11	19
333	Asta	1011	1081	11	20
334	Asta	1012	1082	11	20
335	Asta	1079	1013	11	20
336	Asta	1035	1039	11	17

337	Asta	1036	1040	11	17
338	Asta	1080	1014	11	20
339	Asta	1013	1081	11	19
340	Asta	1082	1014	11	19
341	Asta	1013	1085	11	20
342	Asta	1014	1087	11	20
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344	Asta	1082	1017	11	20
345	Asta	1085	1016	11	12
346	Asta	1015	1086	11	12
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350	Asta	1087	1018	11	12
351	Asta	987	1121	11	19
352	Asta	1122	988	11	19
353	Asta	977	1139	11	20
354	Asta	978	1140	11	20
355	Asta	1047	1029	11	17
356	Asta	993	1109	11	20
357	Asta	1048	1030	11	18
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3777	Trave	1769	1695	11	24
3778	Trave	1769	1696	11	26
3779	Trave	1695	1770	11	26
3780	Trave	1770	1696	11	1
3781	Trave	1771	1697	11	1
3782	Trave	1700	1760	11	5
3783	Trave	1701	1761	11	5
3784	Trave	1762	1702	11	5
3785	Trave	1763	1703	11	5
3786	Trave	1744	1778	11	9
3787	Trave	1745	1779	11	9
3788	Trave	1780	1746	11	9
3789	Trave	1781	1747	11	9
3790	Trave	1760	1802	11	5
3791	Trave	1761	1803	11	5
3792	Trave	1804	1762	11	5
3793	Trave	1805	1763	11	5
3794	Trave	1778	1792	11	9
3795	Trave	1779	1793	11	9
3796	Trave	1794	1780	11	9
3797	Trave	1795	1781	11	9
3798	Trave	1820	1766	11	24
3799	Trave	1820	1767	11	26
3800	Trave	1766	1821	11	26
3801	Trave	1767	1821	11	1

3802	Trave	1768	1822	11	1
3803	Trave	1823	1769	11	24
3804	Trave	1823	1770	11	26
3805	Trave	1769	1824	11	26
3806	Trave	1824	1770	11	1
3807	Trave	1825	1771	11	1
3808	Trave	1792	1806	11	9
3809	Trave	1793	1807	11	9
3810	Trave	1808	1794	11	9
3811	Trave	1809	1795	11	9
3812	Trave	1806	1812	11	9
3813	Trave	1807	1813	11	9
3814	Trave	1812	1808	11	9
3815	Trave	1813	1809	11	9
3816	Trave	1802	1846	11	5
3817	Trave	1803	1847	11	5
3818	Trave	1848	1804	11	5
3819	Trave	1849	1805	11	5
3820	Trave	1870	1820	11	24
3821	Trave	1870	1821	11	26
3822	Trave	1820	1871	11	26
3823	Trave	1821	1871	11	1
3824	Trave	1822	1872	11	1
3825	Trave	1873	1823	11	24
3826	Trave	1873	1824	11	26
3827	Trave	1823	1874	11	26
3828	Trave	1874	1824	11	1
3829	Trave	1875	1825	11	1
3830	Trave	1846	1880	11	5
3831	Trave	1847	1881	11	5
3832	Trave	1884	1848	11	5
3833	Trave	1885	1849	11	5
3834	Trave	1880	1896	11	5
3835	Trave	1881	1897	11	5
3836	Trave	1898	1884	11	5
3837	Trave	1899	1885	11	5
3838	Trave	1906	1870	11	24
3839	Trave	1906	1871	11	26
3840	Trave	1870	1907	11	26
3841	Trave	1871	1907	11	1
3842	Trave	1872	1908	11	1
3843	Trave	1909	1873	11	24
3844	Trave	1909	1874	11	26
3845	Trave	1873	1910	11	26
3846	Trave	1910	1874	11	1
3847	Trave	1911	1875	11	1
3848	Trave	1896	1912	11	5
3849	Trave	1897	1913	11	5
3850	Trave	1914	1898	11	5
3851	Trave	1915	1899	11	5
3852	Trave	1912	1918	11	5
3853	Trave	1913	1919	11	5
3854	Trave	1918	1914	11	5
3855	Trave	1919	1915	11	5
3856	Trave	1932	1906	11	24
3857	Trave	1932	1907	11	26
3858	Trave	1906	1933	11	26
3859	Trave	1907	1933	11	1
3860	Trave	1908	1934	11	1
3861	Trave	1935	1909	11	24
3862	Trave	1935	1910	11	26
3863	Trave	1909	1936	11	26
3864	Trave	1936	1910	11	1
3865	Trave	1937	1911	11	1
3866	Trave	1952	1932	11	24
3867	Trave	1952	1933	11	26
3868	Trave	1932	1953	11	26
3869	Trave	1933	1953	11	1
3870	Trave	1934	1954	11	1
3871	Trave	1955	1935	11	24
3872	Trave	1955	1936	11	26
3873	Trave	1935	1956	11	26
3874	Trave	1956	1936	11	1
3875	Trave	1957	1937	11	1
3876	Trave	1960	1952	11	24
3877	Trave	1960	1953	11	26
3878	Trave	1952	1961	11	26

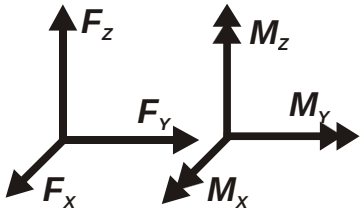
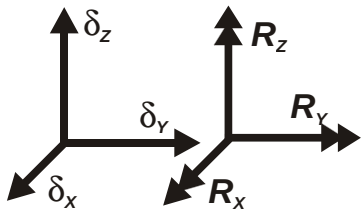
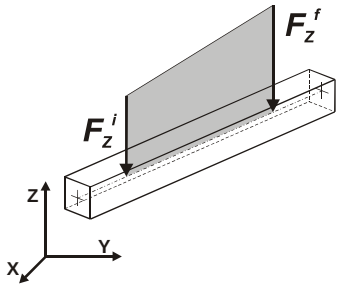
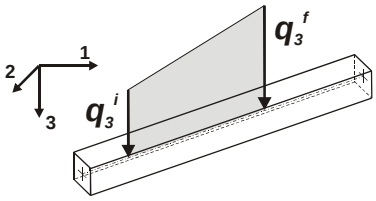
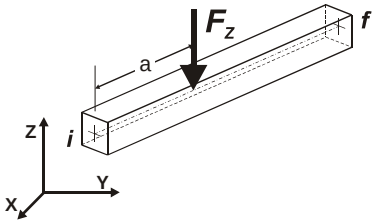
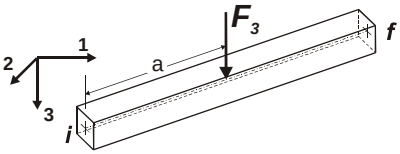
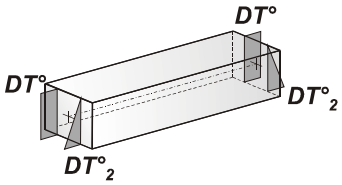
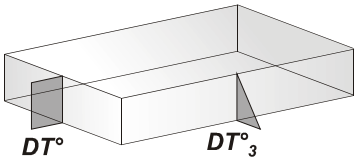
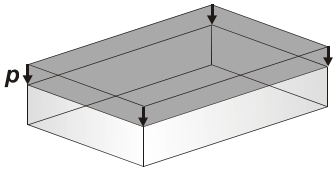
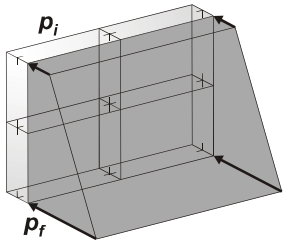
3879	Trave	1953	1961	11	1
3880	Trave	1954	1962	11	1
3881	Trave	1963	1955	11	24
3882	Trave	1963	1956	11	26
3883	Trave	1955	1964	11	26
3884	Trave	1964	1956	11	1
3885	Trave	1965	1957	11	1
3886	Trave	1966	1960	11	24
3887	Trave	1966	1961	11	26
3888	Trave	1960	1967	11	26
3889	Trave	1961	1967	11	1
3890	Trave	1962	1968	11	1
3891	Trave	1966	1963	11	24
3892	Trave	1966	1964	11	26
3893	Trave	1963	1967	11	26
3894	Trave	1967	1964	11	1
3895	Trave	1968	1965	11	1

MODELLAZIONE DELLE AZIONI
LEGENDA TABELLA DATI AZIONI

Il programma consente l'uso di diverse tipologie di carico (azioni). Le azioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni azione applicata alla struttura viene di riportato il codice, il tipo e la sigla identificativa. Le tabelle successive dettagliano i valori caratteristici di ogni azione in relazione al tipo. Le tabelle riportano infatti i seguenti dati in relazione al tipo:

1	**carico concentrato nodale** 6 dati (forza Fx, Fy, Fz, momento Mx, My, Mz)
2	**spostamento nodale impresso** 6 dati (spostamento Tx,Ty,Tz, rotazione Rx,Ry,Rz)
3	**carico distribuito globale su elemento tipo trave** 7 dati (fx,fy,fz,mx,my,mz,ascissa di inizio carico) 7 dati (fx,fy,fz,mx,my,mz,ascissa di fine carico)
4	**carico distribuito locale su elemento tipo trave** 7 dati (f1,f2,f3,m1,m2,m3,ascissa di inizio carico) 7 dati (f1,f2,f3,m1,m2,m3,ascissa di fine carico)
5	**carico concentrato globale su elemento tipo trave** 7 dati (Fx,Fy,Fz,Mx,My,Mz,ascissa di carico)
6	**carico concentrato locale su elemento tipo trave** 7 dati (F1, F2, F3, M1, M2, M3, ascissa di carico)
7	**variazione termica applicata ad elemento tipo trave** 7 dati (variazioni termiche: uniforme, media e differenza in altezza e larghezza al nodo iniziale e finale)
8	**carico di pressione uniforme su elemento tipo piastra** 1 dato (pressione)
9	**carico di pressione variabile su elemento tipo piastra** 4 dati (pressione, quota, pressione, quota)
10	**variazione termica applicata ad elemento tipo piastra**

	2 dati (variazioni termiche: media e differenza nello spessore)
11	**carico variabile generale su elementi tipo trave e piastra** 1 dato descrizione della tipologia 4 dati per segmento (posizione, valore, posizione, valore) la tipologia precisa l'ascissa di definizione, la direzione del carico, la modalità di carico e la larghezza d'influenza per gli elementi tipo trave
12	**gruppo di carichi con impronta su piastra** 9 dati (numero di ripetizioni in direzione X e Y, valore di ciascun carico, posizione centrale del primo, dimensioni dell' impronta, interasse tra i carichi

 Carico concentrato nodale	 Spostamento impresso
 Carico distribuito globale	 Carico distribuito locale
 Carico concentrato globale	 Carico concentrato locale
 Carico termico 2D	 Carico termico 3D
 Carico pressione uniforme	 Carico pressione variabile

Tipo	carico distribuito globale su trave

Id	Tipo	Pos.	fx	fy	fz	mx	my	mz
		cm	daN/cm	daN/cm	daN/cm	daN	daN	daN
1	DG:Fzi=-1.88 Fzf=-1.88	0.0	0.0	0.0	-1.88	0.0	0.0	0.0
		0.0	0.0	0.0	-1.88	0.0	0.0	0.0
2	DG:Fzi=-1.60 Fzf=-1.60	0.0	0.0	0.0	-1.60	0.0	0.0	0.0
		0.0	0.0	0.0	-1.60	0.0	0.0	0.0
3	DG:Fzi=-2.20 Fzf=-2.20	0.0	0.0	0.0	-2.20	0.0	0.0	0.0
		0.0	0.0	0.0	-2.20	0.0	0.0	0.0
4	DG:Fzi=-0.94 Fzf=-0.94	0.0	0.0	0.0	-0.94	0.0	0.0	0.0
		0.0	0.0	0.0	-0.94	0.0	0.0	0.0
5	DG:Fzi=-0.80 Fzf=-0.80	0.0	0.0	0.0	-0.80	0.0	0.0	0.0
		0.0	0.0	0.0	-0.80	0.0	0.0	0.0
6	DG:Fzi=-1.10 Fzf=-1.10	0.0	0.0	0.0	-1.10	0.0	0.0	0.0
		0.0	0.0	0.0	-1.10	0.0	0.0	0.0

SCHEMATIZZAZIONE DEI CASI DI CARICO

LEGENDA TABELLA CASI DI CARICO

Il programma consente l'applicazione di diverse tipologie di casi di carico.
Sono previsti i seguenti 11 tipi di casi di carico:

	Sigla	***Tipo***	***Descrizione***
1	**Ggk**	A	caso di carico comprensivo del peso proprio struttura
2	**Gk**	NA	caso di carico con azioni permanenti
3	**Qk**	NA	caso di carico con azioni variabili
4	**Gsk**	A	caso di carico comprensivo dei carichi permanenti sui solai e sulle coperture
5	**Qsk**	A	caso di carico comprensivo dei carichi variabili sui solai
6	**Qnk**	A	caso di carico comprensivo dei carichi di neve sulle coperture
7	**Qtk**	SA	caso di carico comprensivo di una variazione termica agente sulla struttura
8	**Qvk**	NA	caso di carico comprensivo di azioni da vento sulla struttura
9	**Esk**	SA	caso di carico sismico con analisi statica equivalente
10	**Edk**	SA	caso di carico sismico con analisi dinamica
11	**Pk**	NA	caso di carico comprensivo di azioni derivanti da coazioni, cedimenti e precompressioni

Sono di tipo automatico A (ossia non prevedono introduzione dati da parte dell'utente) i seguenti casi di carico: 1-Ggk; 4-Gsk; 5-Qsk; 6-Qnk.

Sono di tipo semi-automatico SA (ossia prevedono una minima introduzione dati da parte dell'utente) i seguenti casi di carico:
7-Qtk, in quanto richiede solo il valore della variazione termica;
9-Esk e 10-Edk, in quanto richiedono il valore dell'angolo di ingresso del sisma e l'individuazione dei casi di carico partecipanti alla definizione delle masse.

Sono di tipo non automatico NA ossia prevedono la diretta applicazione di carichi generici agli elementi strutturali (si veda il precedente punto Modellazione delle Azioni) i restanti casi di carico.

Nella tabella successiva vengono riportati i casi di carico agenti sulla struttura, con l'indicazione dei dati relativi al caso di carico stesso: *Numero Tipo* e *Sigla identificativa*, *Valore di riferimento* del caso di carico (se previsto).

In successione, per i casi di carico non automatici, viene riportato l'elenco di nodi ed elementi direttamente caricati con la sigla identificativa del carico.

Per i casi di carico di tipo sismico (9-Esk e 10-Edk), viene riportata la tabella di definizione delle masse: per ogni caso di carico partecipante alla definizione delle masse viene indicata la relativa aliquota (partecipazione) considerata. Si precisa che per i caso di carico 5-Qsk e 6-Qnk la partecipazione è prevista localmente per ogni elemento solaio o copertura presente nel modello (si confronti il valore Sksol nel capitolo relativo agli elementi solaio) e pertanto la loro partecipazione è di norma pari a uno.

LOCALIZZAZIONE DELL'INTERVENTO

Località: CATANZARO
Provincia: CATANZARO
Regione: CALABRIA

Coordinate GPS:
Latitudine : 38,91400 N
Longitudine: 16,58600 E

Altitudine s.l.m.: 320,0 m

CALCOLO DELLE AZIONI DELLA NEVE E DEL VENTO

Normativa di riferimento:
D.M. 14 gennaio 2008 - NORME TECNICHE PER LE COSTRUZIONI
Cap. 3 - AZIONI SULLE COSTRUZIONI - Par. 3.3 e 3.4

NEVE:

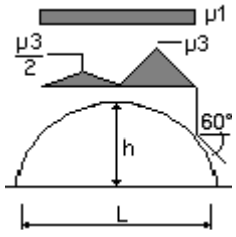
Zona Neve = III

Ce (coeff. di esposizione al vento) = 0,90

Valore caratteristico del carico al suolo (qsk Ce) = 0,66 kN/mq

Copertura cilindrica:
L = 70,0 m, h = 12,0 m
Caso(i) in assenza di vento, $\mu 1 = 0,80$ => Q1 = 0,53 kN/mq
Caso(ii) in presenza di vento, $\mu 3 = 0$ per inclinazione >60°, $\mu 3 = 1,91$ per inclinazione <60°
Q1 = 0,5 $\mu 3$ qsk Ce = 0,63 kN/mq
Q2 = $\mu 3$ qsk Ce = 1,27 kN/mq

Schema di carico:



VENTO:

Zona vento = 3
(Vb.o = 27 m/s; Ao = 500 m; Ka = 0,020 1/s)

Classe di rugosità del terreno: A
[Aree urbane con almeno il 15% della superficie coperta da edifici la cui altezza media superi 15 m]

Categoria esposizione: tipo IV

(Kr = 0,22; Zo = 0,30 m; Zmin = 8 m)

Velocità di riferimento = 27,00 m/s
Pressione cinetica di riferimento (qb) = 0,46 kN/mq

Coefficiente di forma (Cp) = 1,00
Coefficiente dinamico (Cd) = 1,00
Coefficiente di esposizione (Ce) = 1,91
Coefficiente di esposizione topografica (Ct) = 1,00
Altezza dell'edificio = 12,00 m

Pressione del vento (p = qb Ce Cp Cd) = 0,87 kN/mq

CDC	Tipo	Sigla Id	Note
1	Ggk	CDC=Ggk (peso proprio della struttura)	
2	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	partecipazione:1.00 per 1 CDC=Ggk (peso proprio della struttura)
			partecipazione:1.00 per 10 CDC=G1k travone
			partecipazione:0.80 per 11 CDC=Qk vento X
			partecipazione:0.80 per 12 CDC=Qk (neve
3	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	come precedente CDC sismico
4	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	come precedente CDC sismico
5	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	come precedente CDC sismico
6	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	come precedente CDC sismico
7	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	come precedente CDC sismico
8	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	come precedente CDC sismico
9	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	come precedente CDC sismico
10	Gk	CDC=G1k travone	D2 :da 173 a 174 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 177 a 182 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 189 a 190 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 197 a 198 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 209 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 212 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 219 a 220 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 227 a 228 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 235 a 236 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 239 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 244 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 255 a 256 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 336 a 337 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 355 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 364 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 375 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 401 a 402 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 411 a 414 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 419 a 420 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 423 a 424 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 429 a 430 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 433 a 434 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 439 a 442 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 445 a 448 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 463 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 468 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 479 a 480 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 483 a 486 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 531 a 532 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 537 a 538 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 549 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 555 a 556 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 564 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 567 a 568 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 581 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 588 a 590 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 591 a 593 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 598 a 599 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 602 a 603 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 604 a 605 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 612 a 614 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 623 a 624 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 627 a 628 Azione : DG:Fzi=-0.94 Fzf=-0.94

CDC	Tipo	Sigla Id	Note
			D2 :da 631 a 632 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 683 a 686 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 709 a 710 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 713 a 714 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 717 a 719 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 724 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 745 a 746 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 765 a 766 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 771 a 772 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 804 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 809 a 810 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 823 a 824 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 847 a 848 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 865 a 866 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 872 a 873 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 886 a 887 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 898 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 901 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 910 a 911 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 922 a 923 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 932 a 933 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 940 a 941 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 946 a 947 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 954 a 955 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 956 a 957 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 966 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 969 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 973 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 975 a 976 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 988 a 989 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 990 a 991 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 1008 a 1011 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1020 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 1025 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 1034 a 1035 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1042 a 1043 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1054 a 1055 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1062 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1069 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1086 a 1087 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 1100 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1103 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1108 a 1109 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1118 a 1119 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 1140 a 1141 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 1146 a 1147 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1162 a 1163 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1181 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1187 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1191 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1192 a 1193 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 1194 a 1195 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1199 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1214 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1216 a 1217 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1224 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1227 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1237 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 1240 a 1242 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 1243 a 1244 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1261 a 1262 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 1279 a 1280 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1283 a 1284 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1285 a 1286 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 1295 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1302 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1306 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1309 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1313 a 1314 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 1338 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1340 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1341 a 1342 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 1345 a 1346 Azione : DG:Fzi=-0.94 Fzf=-0.94

CDC	Tipo	Sigla Id	Note
			D2 :da 1349 a 1350 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 1353 a 1355 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1358 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1361 a 1362 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1383 a 1384 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1396 a 1397 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1402 a 1403 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 1414 a 1415 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1434 a 1437 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1442 a 1443 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 1466 a 1467 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1472 a 1473 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 1493 a 1494 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1507 a 1508 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 1523 a 1524 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1547 a 1548 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1556 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1558 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1563 a 1564 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 1565 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1568 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1581 a 1582 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1593 a 1594 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1607 a 1608 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1613 a 1614 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1615 a 1616 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 1625 a 1628 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 1646 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1649 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1654 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1659 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1664 a 1665 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1684 a 1687 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1696 a 1699 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1702 a 1703 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1708 a 1709 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 1720 a 1721 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1726 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1729 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1734 a 1735 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1746 a 1747 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1771 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1773 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1778 a 1779 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 1786 a 1787 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1792 a 1793 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1798 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 1801 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 1822 a 1823 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1828 a 1831 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1853 a 1854 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1859 a 1860 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 1877 a 1878 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1887 a 1888 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1909 a 1910 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1913 a 1918 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1930 a 1931 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 1933 a 1934 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1939 a 1940 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1946 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 1948 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1963 a 1964 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 1965 a 1966 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 1973 a 1974 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 2005 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 2008 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2015 a 2016 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2017 a 2018 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 2029 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2032 a 2033 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2040 a 2043 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2048 a 2049 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2057 a 2058 Azione : DG:Fzi=-0.94 Fzf=-0.94

CDC	Tipo	Sigla Id	Note
			D2 : 2060 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2071 a 2072 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2089 a 2090 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2107 a 2108 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2112 a 2113 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2120 a 2121 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 2125 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 2127 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 2131 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 2136 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2141 a 2142 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2159 a 2160 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2165 a 2166 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2167 a 2168 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2169 a 2170 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 2172 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2190 a 2193 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2206 a 2209 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2212 a 2215 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2224 a 2225 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 2226 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 2231 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 2234 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2243 a 2244 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2249 a 2250 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2265 a 2268 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2271 a 2276 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2279 a 2280 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2291 a 2292 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2293 a 2294 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 2301 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 2304 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2305 a 2306 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2317 a 2320 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2335 a 2336 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2342 a 2344 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2345 a 2346 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2351 a 2352 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2355 a 2356 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2361 a 2362 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2381 a 2382 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2400 a 2403 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2414 a 2415 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 2416 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 2419 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2424 a 2425 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2430 a 2431 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 2439 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2441 a 2442 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2445 a 2446 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 2451 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 2454 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 2465 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 2467 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2469 a 2470 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2478 a 2479 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2480 a 2483 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2500 a 2501 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2516 a 2517 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2530 a 2531 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2532 a 2533 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2538 a 2539 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2542 a 2544 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 2547 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 2550 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2569 a 2570 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2589 a 2590 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2597 a 2598 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 2600 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2603 a 2607 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2628 a 2629 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2636 a 2637 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2662 a 2666 Azione : DG:Fzi=-1.88 Fzf=-1.88

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			D2 :da 2669 a 2672 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2675 a 2676 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2693 a 2694 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2707 a 2708 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2718 a 2719 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2726 a 2727 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2730 a 2731 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2738 a 2739 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2742 a 2743 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2746 a 2747 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2748 a 2749 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 2750 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2751 a 2752 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2763 a 2764 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2769 a 2770 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 2792 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2795 a 2801 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2802 a 2803 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 2808 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2810 a 2814 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2828 a 2829 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2832 a 2833 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2836 a 2837 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 2842 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2845 a 2846 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 2853 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 2856 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2867 a 2870 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 2871 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 2874 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2879 a 2880 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2887 a 2888 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2895 a 2896 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2905 a 2907 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2910 a 2911 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 2924 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 2929 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2936 a 2937 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2940 a 2941 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2950 a 2951 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2956 a 2957 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2962 a 2963 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2968 a 2969 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2972 a 2973 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 2978 a 2979 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 2983 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 2992 a 2993 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 3000 a 3001 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 3010 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3013 a 3015 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3021 a 3022 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3025 a 3026 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 3031 a 3032 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3035 a 3036 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 3045 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 3046 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 3048 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3058 a 3059 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3062 a 3063 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 3070 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3073 a 3075 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3076 a 3077 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 3090 a 3091 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3105 a 3106 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 3108 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 3116 a 3117 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3122 a 3123 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 3128 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3129 a 3130 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 3131 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3136 a 3137 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 3144 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 3155 a 3156 Azione : DG:Fzi=-0.94 Fzf=-0.94

CDC	Tipo	Sigla Id	Note
			D2 :da 3159 a 3160 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3165 a 3166 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3167 a 3168 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 3169 a 3170 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3175 a 3176 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 3183 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 3184 a 3185 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3190 a 3193 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3196 a 3197 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3198 a 3199 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 3206 a 3207 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3216 a 3217 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 3218 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 3221 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 3223 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3225 a 3228 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3235 a 3236 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 3243 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 3245 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 3247 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3252 a 3253 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 3254 a 3255 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3260 a 3263 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3268 a 3269 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 3282 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 3283 a 3286 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3287 a 3288 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 3291 a 3294 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3301 a 3303 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 3304 a 3307 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3312 a 3313 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3314 a 3315 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 3316 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 3318 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3324 a 3325 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3330 a 3331 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 3336 a 3337 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3342 a 3343 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 3345 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 3348 a 3349 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 3350 a 3351 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3356 a 3357 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 3362 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 3365 a 3366 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 3367 a 3368 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3373 a 3374 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 3375 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 3378 a 3379 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3384 a 3386 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 3388 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 3390 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 3393 a 3394 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3399 a 3400 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 3401 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 3404 a 3405 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3414 a 3415 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 3416 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 3419 a 3420 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3425 a 3426 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 3427 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 : 3430 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 3432 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 :da 3434 a 3435 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 3440 Azione : DG:Fzi=-1.88 Fzf=-1.88
			D2 :da 3445 a 3447 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 3449 Azione : DG:Fzi=-0.94 Fzf=-0.94
			D2 : 3455 Azione : DG:Fzi=-0.94 Fzf=-0.94
11	Qk	CDC=Qk vento X	D2 :da 173 a 174 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 177 a 182 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 189 a 190 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 197 a 198 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 209 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 212 Azione : DG:Fzi=-1.10 Fzf=-1.10

CDC	Tipo	Sigla Id	Note
			D2 :da 219 a 220 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 227 a 228 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 235 a 236 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 239 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 244 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 255 a 256 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 336 a 337 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 355 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 364 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 375 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 401 a 402 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 411 a 414 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 419 a 420 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 423 a 424 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 429 a 430 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 433 a 434 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 439 a 442 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 445 a 448 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 463 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 468 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 479 a 480 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 483 a 486 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 531 a 532 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 537 a 538 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 549 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 555 a 556 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 564 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 567 a 568 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 581 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 588 a 590 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 591 a 593 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 598 a 599 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 602 a 603 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 604 a 605 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 612 a 614 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 623 a 624 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 627 a 628 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 631 a 632 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 683 a 686 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 709 a 710 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 713 a 714 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 717 a 719 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 724 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 745 a 746 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 765 a 766 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 771 a 772 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 804 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 809 a 810 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 823 a 824 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 847 a 848 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 865 a 866 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 872 a 873 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 886 a 887 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 898 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 901 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 910 a 911 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 922 a 923 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 932 a 933 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 940 a 941 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 946 a 947 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 954 a 955 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 956 a 957 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 966 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 969 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 973 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 975 a 976 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 988 a 989 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 990 a 991 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 1008 a 1011 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1020 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 1025 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 1034 a 1035 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1042 a 1043 Azione : DG:Fzi=-1.10 Fzf=-1.10

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			D2 :da 1054 a 1055 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1062 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1069 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1086 a 1087 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 1100 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1103 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1108 a 1109 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1118 a 1119 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 1140 a 1141 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 1146 a 1147 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1162 a 1163 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1181 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1187 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1191 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1192 a 1193 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 1194 a 1195 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1199 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1214 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1216 a 1217 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1224 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1227 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1237 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 1240 a 1242 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 1243 a 1244 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1261 a 1262 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 1279 a 1280 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1283 a 1284 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1285 a 1286 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 1295 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1302 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1306 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1309 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1313 a 1314 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 1338 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1340 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1341 a 1342 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 1345 a 1346 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1349 a 1350 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 1353 a 1355 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1358 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1361 a 1362 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1383 a 1384 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1396 a 1397 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1402 a 1403 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 1414 a 1415 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1434 a 1437 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1442 a 1443 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 1466 a 1467 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1472 a 1473 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 1493 a 1494 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1507 a 1508 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 1523 a 1524 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1547 a 1548 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1556 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1558 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1563 a 1564 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 1565 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1568 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1581 a 1582 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1593 a 1594 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1607 a 1608 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1613 a 1614 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1615 a 1616 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 1625 a 1628 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 1646 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1649 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1654 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1659 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1664 a 1665 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1684 a 1687 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1696 a 1699 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1702 a 1703 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1708 a 1709 Azione : DG:Fzi=-2.20 Fzf=-2.20

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			D2 :da 1720 a 1721 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1726 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1729 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1734 a 1735 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1746 a 1747 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1771 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1773 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1778 a 1779 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 1786 a 1787 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1792 a 1793 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1798 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 1801 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 1822 a 1823 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1828 a 1831 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1853 a 1854 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1859 a 1860 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 1877 a 1878 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1887 a 1888 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1909 a 1910 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1913 a 1918 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1930 a 1931 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 1933 a 1934 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1939 a 1940 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1946 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 1948 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1963 a 1964 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 1965 a 1966 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 1973 a 1974 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 2005 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 2008 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2015 a 2016 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2017 a 2018 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 2029 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2032 a 2033 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2040 a 2043 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2048 a 2049 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2057 a 2058 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 2060 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2071 a 2072 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2089 a 2090 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2107 a 2108 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2112 a 2113 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2120 a 2121 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 2125 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 2127 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 2131 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 2136 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2141 a 2142 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2159 a 2160 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2165 a 2166 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2167 a 2168 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2169 a 2170 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 2172 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2190 a 2193 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2206 a 2209 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2212 a 2215 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2224 a 2225 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 2226 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 2231 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 2234 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2243 a 2244 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2249 a 2250 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2265 a 2268 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2271 a 2276 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2279 a 2280 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2291 a 2292 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2293 a 2294 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 2301 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 2304 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2305 a 2306 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2317 a 2320 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2335 a 2336 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2342 a 2344 Azione : DG:Fzi=-2.20 Fzf=-2.20

CDC	Tipo	Sigla Id	Note
			D2 :da 2345 a 2346 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2351 a 2352 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2355 a 2356 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2361 a 2362 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2381 a 2382 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2400 a 2403 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2414 a 2415 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 2416 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 2419 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2424 a 2425 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2430 a 2431 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 2439 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2441 a 2442 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2445 a 2446 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 2451 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 2454 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 2465 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 2467 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2469 a 2470 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2478 a 2479 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2480 a 2483 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2500 a 2501 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2516 a 2517 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2530 a 2531 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2532 a 2533 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2538 a 2539 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2542 a 2544 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 2547 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 2550 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2569 a 2570 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2589 a 2590 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2597 a 2598 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 2600 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2603 a 2607 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2628 a 2629 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2636 a 2637 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2662 a 2666 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2669 a 2672 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2675 a 2676 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2693 a 2694 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2707 a 2708 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2718 a 2719 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2726 a 2727 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2730 a 2731 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2738 a 2739 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2742 a 2743 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2746 a 2747 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2748 a 2749 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 2750 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2751 a 2752 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2763 a 2764 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2769 a 2770 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 2792 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2795 a 2801 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2802 a 2803 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 2808 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2810 a 2814 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2828 a 2829 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2832 a 2833 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2836 a 2837 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 2842 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2845 a 2846 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 2853 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 2856 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2867 a 2870 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 2871 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 2874 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2879 a 2880 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2887 a 2888 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2895 a 2896 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2905 a 2907 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2910 a 2911 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 2924 Azione : DG:Fzi=-2.20 Fzf=-2.20

CDC	Tipo	Sigla Id	Note
			D2 : 2929 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2936 a 2937 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2940 a 2941 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2950 a 2951 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2956 a 2957 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2962 a 2963 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2968 a 2969 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2972 a 2973 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 2978 a 2979 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 2983 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 2992 a 2993 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 3000 a 3001 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 3010 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3013 a 3015 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3021 a 3022 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3025 a 3026 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 3031 a 3032 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3035 a 3036 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 3045 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 3046 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 3048 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3058 a 3059 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3062 a 3063 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 3070 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3073 a 3075 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3076 a 3077 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 3090 a 3091 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3105 a 3106 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 3108 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 3116 a 3117 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3122 a 3123 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 3128 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3129 a 3130 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 3131 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3136 a 3137 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 3144 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 3155 a 3156 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3159 a 3160 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3165 a 3166 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3167 a 3168 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 3169 a 3170 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3175 a 3176 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 3183 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 3184 a 3185 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3190 a 3193 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3196 a 3197 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3198 a 3199 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 3206 a 3207 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3216 a 3217 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 3218 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 3221 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 3223 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3225 a 3228 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3235 a 3236 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 3243 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 3245 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 3247 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3252 a 3253 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 3254 a 3255 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3260 a 3263 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3268 a 3269 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 3282 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 3283 a 3286 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3287 a 3288 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 3291 a 3294 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3301 a 3303 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 3304 a 3307 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3312 a 3313 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3314 a 3315 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 3316 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 3318 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3324 a 3325 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3330 a 3331 Azione : DG:Fzi=-2.20 Fzf=-2.20

CDC	Tipo	Sigla Id	Note
			D2 :da 3336 a 3337 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3342 a 3343 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 3345 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 3348 a 3349 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 3350 a 3351 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3356 a 3357 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 3362 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 3365 a 3366 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 3367 a 3368 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3373 a 3374 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 3375 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 3378 a 3379 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3384 a 3386 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 3388 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 3390 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 3393 a 3394 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3399 a 3400 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 3401 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 3404 a 3405 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3414 a 3415 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 3416 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 3419 a 3420 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3425 a 3426 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 3427 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 : 3430 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 3432 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 :da 3434 a 3435 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 3440 Azione : DG:Fzi=-2.20 Fzf=-2.20
			D2 :da 3445 a 3447 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 3449 Azione : DG:Fzi=-1.10 Fzf=-1.10
			D2 : 3455 Azione : DG:Fzi=-1.10 Fzf=-1.10
12	Qk	CDC=Qk (neve	D2 :da 173 a 174 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 177 a 182 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 189 a 190 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 197 a 198 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 209 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 212 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 219 a 220 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 227 a 228 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 235 a 236 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 239 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 244 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 255 a 256 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 336 a 337 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 355 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 364 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 375 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 401 a 402 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 411 a 414 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 419 a 420 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 423 a 424 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 429 a 430 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 433 a 434 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 439 a 442 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 445 a 448 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 463 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 468 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 479 a 480 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 483 a 486 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 531 a 532 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 537 a 538 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 549 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 555 a 556 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 564 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 567 a 568 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 581 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 588 a 590 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 591 a 593 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 598 a 599 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 602 a 603 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 604 a 605 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 612 a 614 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 623 a 624 Azione : DG:Fzi=-1.60 Fzf=-1.60

CDC	Tipo	Sigla Id	Note
			D2 :da 627 a 628 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 631 a 632 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 683 a 686 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 709 a 710 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 713 a 714 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 717 a 719 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 724 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 745 a 746 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 765 a 766 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 771 a 772 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 804 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 809 a 810 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 823 a 824 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 847 a 848 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 865 a 866 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 872 a 873 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 886 a 887 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 898 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 901 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 910 a 911 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 922 a 923 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 932 a 933 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 940 a 941 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 946 a 947 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 954 a 955 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 956 a 957 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 966 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 969 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 973 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 975 a 976 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 988 a 989 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 990 a 991 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 1008 a 1011 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1020 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 1025 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 1034 a 1035 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1042 a 1043 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1054 a 1055 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1062 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1069 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1086 a 1087 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 1100 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1103 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1108 a 1109 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1118 a 1119 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 1140 a 1141 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 1146 a 1147 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1162 a 1163 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1181 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1187 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1191 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1192 a 1193 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 1194 a 1195 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1199 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1214 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1216 a 1217 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1224 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1227 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1237 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 1240 a 1242 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 1243 a 1244 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1261 a 1262 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 1279 a 1280 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1283 a 1284 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1285 a 1286 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 1295 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1302 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1306 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1309 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1313 a 1314 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 1338 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1340 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1341 a 1342 Azione : DG:Fzi=-1.60 Fzf=-1.60

CDC	Tipo	Sigla Id	Note
			D2 :da 1345 a 1346 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1349 a 1350 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 1353 a 1355 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1358 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1361 a 1362 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1383 a 1384 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1396 a 1397 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1402 a 1403 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 1414 a 1415 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1434 a 1437 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1442 a 1443 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 1466 a 1467 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1472 a 1473 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 1493 a 1494 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1507 a 1508 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 1523 a 1524 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1547 a 1548 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1556 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1558 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1563 a 1564 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 1565 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1568 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1581 a 1582 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1593 a 1594 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1607 a 1608 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1613 a 1614 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1615 a 1616 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 1625 a 1628 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 1646 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1649 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1654 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1659 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1664 a 1665 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1684 a 1687 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1696 a 1699 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1702 a 1703 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1708 a 1709 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 1720 a 1721 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1726 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1729 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1734 a 1735 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1746 a 1747 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1771 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1773 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1778 a 1779 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 1786 a 1787 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1792 a 1793 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1798 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 1801 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 1822 a 1823 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1828 a 1831 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1853 a 1854 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1859 a 1860 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 1877 a 1878 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1887 a 1888 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1909 a 1910 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1913 a 1918 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1930 a 1931 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 1933 a 1934 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1939 a 1940 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1946 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 1948 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1963 a 1964 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 1965 a 1966 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 1973 a 1974 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 2005 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 2008 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2015 a 2016 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2017 a 2018 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 2029 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2032 a 2033 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2040 a 2043 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2048 a 2049 Azione : DG:Fzi=-0.80 Fzf=-0.80

CDC	Tipo	Sigla Id	Note
			D2 :da 2057 a 2058 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 2060 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2071 a 2072 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2089 a 2090 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2107 a 2108 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2112 a 2113 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2120 a 2121 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 2125 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 2127 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 2131 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 2136 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2141 a 2142 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2159 a 2160 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2165 a 2166 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2167 a 2168 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2169 a 2170 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 2172 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2190 a 2193 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2206 a 2209 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2212 a 2215 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2224 a 2225 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 2226 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 2231 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 2234 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2243 a 2244 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2249 a 2250 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2265 a 2268 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2271 a 2276 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2279 a 2280 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2291 a 2292 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2293 a 2294 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 2301 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 2304 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2305 a 2306 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2317 a 2320 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2335 a 2336 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2342 a 2344 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2345 a 2346 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2351 a 2352 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2355 a 2356 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2361 a 2362 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2381 a 2382 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2400 a 2403 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2414 a 2415 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 2416 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 2419 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2424 a 2425 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2430 a 2431 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 2439 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2441 a 2442 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2445 a 2446 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 2451 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 2454 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 2465 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 2467 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2469 a 2470 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2478 a 2479 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2480 a 2483 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2500 a 2501 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2516 a 2517 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2530 a 2531 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2532 a 2533 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2538 a 2539 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2542 a 2544 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 2547 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 2550 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2569 a 2570 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2589 a 2590 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2597 a 2598 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 2600 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2603 a 2607 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2628 a 2629 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2636 a 2637 Azione : DG:Fzi=-0.80 Fzf=-0.80

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			D2 :da 2662 a 2666 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2669 a 2672 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2675 a 2676 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2693 a 2694 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2707 a 2708 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2718 a 2719 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2726 a 2727 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2730 a 2731 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2738 a 2739 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2742 a 2743 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2746 a 2747 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2748 a 2749 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 2750 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2751 a 2752 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2763 a 2764 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2769 a 2770 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 2792 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2795 a 2801 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2802 a 2803 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 2808 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2810 a 2814 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2828 a 2829 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2832 a 2833 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2836 a 2837 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 2842 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2845 a 2846 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 2853 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 2856 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2867 a 2870 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 2871 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 2874 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2879 a 2880 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2887 a 2888 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2895 a 2896 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2905 a 2907 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2910 a 2911 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 2924 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 2929 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2936 a 2937 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2940 a 2941 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2950 a 2951 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2956 a 2957 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2962 a 2963 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2968 a 2969 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2972 a 2973 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 2978 a 2979 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 2983 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 2992 a 2993 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 3000 a 3001 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 3010 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3013 a 3015 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3021 a 3022 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3025 a 3026 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 3031 a 3032 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3035 a 3036 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 3045 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 3046 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 3048 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3058 a 3059 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3062 a 3063 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 3070 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3073 a 3075 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3076 a 3077 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 3090 a 3091 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3105 a 3106 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 3108 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 3116 a 3117 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3122 a 3123 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 3128 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3129 a 3130 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 3131 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3136 a 3137 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 3144 Azione : DG:Fzi=-1.60 Fzf=-1.60

CDC	Tipo	Sigla Id	Note
			D2 :da 3155 a 3156 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3159 a 3160 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3165 a 3166 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3167 a 3168 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 3169 a 3170 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3175 a 3176 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 3183 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 3184 a 3185 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3190 a 3193 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3196 a 3197 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3198 a 3199 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 3206 a 3207 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3216 a 3217 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 3218 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 3221 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 3223 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3225 a 3228 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3235 a 3236 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 3243 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 3245 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 3247 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3252 a 3253 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 3254 a 3255 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3260 a 3263 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3268 a 3269 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 3282 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 3283 a 3286 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3287 a 3288 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 3291 a 3294 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3301 a 3303 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 3304 a 3307 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3312 a 3313 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3314 a 3315 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 3316 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 3318 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3324 a 3325 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3330 a 3331 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 3336 a 3337 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3342 a 3343 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 3345 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 3348 a 3349 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 3350 a 3351 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3356 a 3357 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 3362 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 3365 a 3366 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 3367 a 3368 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3373 a 3374 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 3375 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 3378 a 3379 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3384 a 3386 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 3388 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 3390 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 3393 a 3394 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3399 a 3400 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 3401 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 3404 a 3405 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3414 a 3415 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 3416 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 3419 a 3420 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3425 a 3426 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 3427 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 : 3430 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 3432 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 :da 3434 a 3435 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 3440 Azione : DG:Fzi=-1.60 Fzf=-1.60
			D2 :da 3445 a 3447 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 3449 Azione : DG:Fzi=-0.80 Fzf=-0.80
			D2 : 3455 Azione : DG:Fzi=-0.80 Fzf=-0.80

DEFINIZIONE DELLE COMBINAZIONI

LEGENDA TABELLA COMBINAZIONI DI CARICO

Il programma combina i diversi tipi di casi di carico (CDC) secondo le regole previste dalla normativa vigente.
Le combinazioni previste sono destinate al controllo di sicurezza della struttura ed alla verifica degli spostamenti e delle sollecitazioni.

La prima tabella delle combinazioni riportata di seguito comprende le seguenti informazioni: *Numero*, *Tipo*, *Sigla identificativa*. Una seconda tabella riporta il *peso nella combinazione*, assunto per ogni caso di carico.

Ai fini delle verifiche degli stati limite si definiscono le seguenti combinazioni delle azioni:

Combinazione fondamentale SLU

$$\gamma G1 \cdot G1 + \gamma G2 \cdot G2 + \gamma P \cdot P + \gamma Q1 \cdot Qk1 + \gamma Q2 \cdot \psi 02 \cdot Qk2 + \gamma Q3 \cdot \psi 03 \cdot Qk3 + \ldots$$

Combinazione caratteristica (rara) SLE

$$G1 + G2 + P + Qk1 + \psi 02 \cdot Qk2 + \psi 03 \cdot Qk3 + \ldots$$

Combinazione frequente SLE

$$G1 + G2 + P + \psi 11 \cdot Qk1 + \psi 22 \cdot Qk2 + \psi 23 \cdot Qk3 + \ldots$$

Combinazione quasi permanente SLE

$$G1 + G2 + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \psi 23 \cdot Qk3 + \ldots$$

Combinazione sismica, impiegata per gli stati limite ultimi e di esercizio connessi all'azione sismica E

$$E + G1 + G2 + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \ldots$$

Combinazione eccezionale, impiegata per gli stati limite connessi alle azioni eccezionali

$$G1 + G2 + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \ldots$$

Dove:

NTC 2008 Tabella 2.5.I

Destinazione d'uso/azione	ψ0	ψ1	ψ2
Categoria A residenziali	0,70	0,50	0,30
Categoria B uffici	0,70	0,50	0,30
Categoria C ambienti suscettibili di affollamento	0,70	0,70	0,60
Categoria D ambienti ad uso commerciale	0,70	0,70	0,60
Categoria E biblioteche, archivi, magazzini,…	1,00	0,90	0,80
Categoria F Rimesse e parcheggi (autoveicoli <= 30kN)	0,70	0,70	0,60
Categoria G Rimesse e parcheggi (autoveicoli > 30kN)	0,70	0,50	0,30
Categoria H Coperture	0,00	0,00	0,00
Vento	0,60	0,20	0,00
Neve a quota <= 1000 m	0,50	0,20	0,00
Neve a quota > 1000 m	0,70	0,50	0,20
Variazioni Termiche	0,60	0,50	0,00

Nelle verifiche possono essere adottati in alternativa, due diversi approcci progettuali:

- per l'approccio 1 si considerano due diverse combinazioni di gruppi di coefficienti di sicurezza parziali per le azioni, per i materiali e per la resistenza globale (combinazione 1 con coefficienti A1 e combinazione 2 con coefficienti A2),

- per l'approccio 2 si definisce un'unica combinazione per le azioni, per la resistenza dei materiali e per la resistenza globale (con coefficienti A1).

NTC 2008 Tabella 2.6.I

		Coefficiente γ_f	**EQU**	**A1**	**A2**
Carichi permanenti	Favorevoli	γ_{G1}	0,9	1,0	1,0
	Sfavorevoli		1,1	1,3	1,0
Carichi permanenti non strutturali (Non compiutamente definiti)	Favorevoli	γ_{G2}	0,0	0,0	0,0
	Sfavorevoli		1,5	1,5	1,3
Carichi variabili	Favorevoli	γ_{Qi}	0,0	0,0	0,0
	Sfavorevoli		1,5	1,5	1,3

Cmb	Tipo	Sigla Id	effetto P-delta
1	SLU	Comb. SLU A1 1	
2	SLU	Comb. SLU A1 2	
3	SLU	Comb. SLU A1 3	
4	SLU	Comb. SLU A1 4	
5	SLE(r)	Comb. SLE(rara) 5	
6	SLE(r)	Comb. SLE(rara) 6	
7	SLU	Comb. SLU A1 (SLV sism.) 7	
8	SLU	Comb. SLU A1 (SLV sism.) 8	
9	SLU	Comb. SLU A1 (SLV sism.) 9	
10	SLU	Comb. SLU A1 (SLV sism.) 10	
11	SLU	Comb. SLU A1 (SLV sism.) 11	
12	SLU	Comb. SLU A1 (SLV sism.) 12	
13	SLU	Comb. SLU A1 (SLV sism.) 13	
14	SLU	Comb. SLU A1 (SLV sism.) 14	
15	SLU	Comb. SLU A1 (SLV sism.) 15	
16	SLU	Comb. SLU A1 (SLV sism.) 16	
17	SLU	Comb. SLU A1 (SLV sism.) 17	
18	SLU	Comb. SLU A1 (SLV sism.) 18	
19	SLU	Comb. SLU A1 (SLV sism.) 19	
20	SLU	Comb. SLU A1 (SLV sism.) 20	
21	SLU	Comb. SLU A1 (SLV sism.) 21	
22	SLU	Comb. SLU A1 (SLV sism.) 22	
23	SLU	Comb. SLU A1 (SLV sism.) 23	
24	SLU	Comb. SLU A1 (SLV sism.) 24	
25	SLU	Comb. SLU A1 (SLV sism.) 25	
26	SLU	Comb. SLU A1 (SLV sism.) 26	
27	SLU	Comb. SLU A1 (SLV sism.) 27	
28	SLU	Comb. SLU A1 (SLV sism.) 28	
29	SLU	Comb. SLU A1 (SLV sism.) 29	
30	SLU	Comb. SLU A1 (SLV sism.) 30	
31	SLU	Comb. SLU A1 (SLV sism.) 31	
32	SLU	Comb. SLU A1 (SLV sism.) 32	
33	SLU	Comb. SLU A1 (SLV sism.) 33	
34	SLU	Comb. SLU A1 (SLV sism.) 34	
35	SLU	Comb. SLU A1 (SLV sism.) 35	
36	SLU	Comb. SLU A1 (SLV sism.) 36	
37	SLU	Comb. SLU A1 (SLV sism.) 37	
38	SLU	Comb. SLU A1 (SLV sism.) 38	
39	SLD(sis)	Comb. SLE (SLD Danno sism.) 39	
40	SLD(sis)	Comb. SLE (SLD Danno sism.) 40	
41	SLD(sis)	Comb. SLE (SLD Danno sism.) 41	
42	SLD(sis)	Comb. SLE (SLD Danno sism.) 42	
43	SLD(sis)	Comb. SLE (SLD Danno sism.) 43	
44	SLD(sis)	Comb. SLE (SLD Danno sism.) 44	
45	SLD(sis)	Comb. SLE (SLD Danno sism.) 45	
46	SLD(sis)	Comb. SLE (SLD Danno sism.) 46	
47	SLD(sis)	Comb. SLE (SLD Danno sism.) 47	
48	SLD(sis)	Comb. SLE (SLD Danno sism.) 48	
49	SLD(sis)	Comb. SLE (SLD Danno sism.) 49	
50	SLD(sis)	Comb. SLE (SLD Danno sism.) 50	
51	SLD(sis)	Comb. SLE (SLD Danno sism.) 51	
52	SLD(sis)	Comb. SLE (SLD Danno sism.) 52	
53	SLD(sis)	Comb. SLE (SLD Danno sism.) 53	
54	SLD(sis)	Comb. SLE (SLD Danno sism.) 54	
55	SLD(sis)	Comb. SLE (SLD Danno sism.) 55	
56	SLD(sis)	Comb. SLE (SLD Danno sism.) 56	
57	SLD(sis)	Comb. SLE (SLD Danno sism.) 57	
58	SLD(sis)	Comb. SLE (SLD Danno sism.) 58	
59	SLD(sis)	Comb. SLE (SLD Danno sism.) 59	
60	SLD(sis)	Comb. SLE (SLD Danno sism.) 60	
61	SLD(sis)	Comb. SLE (SLD Danno sism.) 61	
62	SLD(sis)	Comb. SLE (SLD Danno sism.) 62	
63	SLD(sis)	Comb. SLE (SLD Danno sism.) 63	
64	SLD(sis)	Comb. SLE (SLD Danno sism.) 64	
65	SLD(sis)	Comb. SLE (SLD Danno sism.) 65	
66	SLD(sis)	Comb. SLE (SLD Danno sism.) 66	
67	SLD(sis)	Comb. SLE (SLD Danno sism.) 67	
68	SLD(sis)	Comb. SLE (SLD Danno sism.) 68	
69	SLD(sis)	Comb. SLE (SLD Danno sism.) 69	
70	SLD(sis)	Comb. SLE (SLD Danno sism.) 70	
71	SLE(f)	Comb. SLE(freq.) 71	

Cmb	Tipo	Sigla Id	effetto P-delta
72	SLE(f)	Comb. SLE(freq.) 72	
73	SLU(acc.)	Comb. SLU (Accid.) 73	
74	SLE(p)	Comb. SLE(perm.) 74	

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
1	1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	1.50	0.90		
2	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.50	0.90		
3	1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.75	1.50		
4	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.75	1.50		
5	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	0.60		
6	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.50	1.00		
7	1.00	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
8	1.00	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
9	1.00	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
10	1.00	1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
11	1.00	-1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
12	1.00	-1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
13	1.00	1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
14	1.00	1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
15	1.00	0.0	-1.00	-0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
16	1.00	0.0	-1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
17	1.00	0.0	1.00	-0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
18	1.00	0.0	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
19	1.00	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
20	1.00	0.0	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
21	1.00	0.0	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
22	1.00	0.0	1.00	0.0	0.30	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
23	1.00	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
24	1.00	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
25	1.00	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
26	1.00	0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
27	1.00	0.0	-0.30	-1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
28	1.00	0.0	-0.30	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
29	1.00	0.0	0.30	-1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
30	1.00	0.0	0.30	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
31	1.00	-0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
32	1.00	-0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
33	1.00	0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
34	1.00	0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
35	1.00	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
36	1.00	0.0	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
37	1.00	0.0	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
38	1.00	0.0	0.30	0.0	1.00	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
39	1.00	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0	1.00	0.0	0.0		
40	1.00	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	0.0	1.00	0.0	0.0		
41	1.00	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	0.0	1.00	0.0	0.0		
42	1.00	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	1.00	0.0	0.0		
43	1.00	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	-0.30	1.00	0.0	0.0		
44	1.00	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	0.30	1.00	0.0	0.0		
45	1.00	0.0	0.0	0.0	0.0	1.00	0.0	0.0	-0.30	1.00	0.0	0.0		
46	1.00	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.30	1.00	0.0	0.0		
47	1.00	0.0	0.0	0.0	0.0	0.0	-1.00	-0.30	0.0	1.00	0.0	0.0		
48	1.00	0.0	0.0	0.0	0.0	0.0	-1.00	0.30	0.0	1.00	0.0	0.0		
49	1.00	0.0	0.0	0.0	0.0	0.0	1.00	-0.30	0.0	1.00	0.0	0.0		
50	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0	1.00	0.0	0.0		
51	1.00	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	1.00	0.0	0.0		
52	1.00	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	1.00	0.0	0.0		
53	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	1.00	0.0	0.0		
54	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	1.00	0.0	0.0		
55	1.00	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0	1.00	0.0	0.0		
56	1.00	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	0.0	1.00	0.0	0.0		
57	1.00	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	0.0	1.00	0.0	0.0		
58	1.00	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	1.00	0.0	0.0		
59	1.00	0.0	0.0	0.0	0.0	0.0	-0.30	-1.00	0.0	1.00	0.0	0.0		
60	1.00	0.0	0.0	0.0	0.0	0.0	-0.30	1.00	0.0	1.00	0.0	0.0		
61	1.00	0.0	0.0	0.0	0.0	0.0	0.30	-1.00	0.0	1.00	0.0	0.0		
62	1.00	0.0	0.0	0.0	0.0	0.0	0.30	1.00	0.0	1.00	0.0	0.0		
63	1.00	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	-1.00	1.00	0.0	0.0		

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
64	1.00	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	1.00	1.00	0.0	0.0		
65	1.00	0.0	0.0	0.0	0.0	0.30	0.0	0.0	-1.00	1.00	0.0	0.0		
66	1.00	0.0	0.0	0.0	0.0	0.30	0.0	0.0	1.00	1.00	0.0	0.0		
67	1.00	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	1.00	0.0	0.0		
68	1.00	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	1.00	0.0	0.0		
69	1.00	0.0	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	1.00	0.0	0.0		
70	1.00	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	1.00	0.0	0.0		
71	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0		
72	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
73	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0		
74	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0		

AZIONE SISMICA

VALUTAZIONE DELL' AZIONE SISMICA

L'azione sismica sulle costruzioni è valutata a partire dalla "pericolosità sismica di base", in condizioni ideali di sito di riferimento rigido con superficie topografica orizzontale.
Allo stato attuale, la pericolosità sismica su reticolo di riferimento nell'intervallo di riferimento è fornita dai dati pubblicati sul sito http://esse1.mi.ingv.it/. Per punti non coincidenti con il reticolo di riferimento e periodi di ritorno non contemplati direttamente si opera come indicato nell' allegato alle NTC (rispettivamente media pesata e interpolazione).

L' azione sismica viene definita in relazione ad un periodo di riferimento Vr che si ricava, per ciascun tipo di costruzione, moltiplicandone la vita nominale per il coefficiente d'uso (vedi tabella Parametri della struttura). Fissato il periodo di riferimento Vr e la probabilità di superamento Pver associata a ciascuno degli stati limite considerati, si ottiene il periodo di ritorno Tr e i relativi parametri di pericolosità sismica (vedi tabella successiva):
ag: accelerazione orizzontale massima del terreno;
Fo: valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale;
T*c: periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale;

Parametri della struttura					
Classe d'uso	Vita Vn [anni]	Coeff. Uso	Periodo Vr [anni]	Tipo di suolo	Categoria topografica
IV	100.0	2.0	200.0	C	T1

Individuati su reticolo di riferimento i parametri di pericolosità sismica si valutano i parametri spettrali riportati in tabella:
S è il coefficiente che tiene conto della categoria di sottosuolo e delle condizioni topografiche mediante la relazione seguente S = Ss*St (3.2.5)
Fo è il fattore che quantifica l'amplificazione spettrale massima, su sito di riferimento rigido orizzontale
Fv è il fattore che quantifica l'amplificazione spettrale massima verticale, in termini di accelerazione orizzontale massima del terreno ag su sito di riferimento rigido orizzontale
Tb è il periodo corrispondente all'inizio del tratto dello spettro ad accelerazione costante.
Tc è il periodo corrispondente all'inizio del tratto dello spettro a velocità costante.
Td è il periodo corrispondente all'inizio del tratto dello spettro a spostamento costante.

Id nodo	**Longitudine**	**Latitudine**	**Distanza**
			Km
Loc.	16.586	38.914	
41673	16.569	38.892	2.845
41674	16.634	38.890	4.921
41452	16.636	38.940	5.185
41451	16.572	38.942	3.330

SL	**Pver**	**Tr**	**ag**	**Fo**	**T*c**
		Anni	g		sec
SLO	81.0	120.0	0.133	2.320	0.330
SLD	63.0	201.0	0.170	2.350	0.340
SLV	10.0	1898.0	0.419	2.480	0.420
SLC	5.0	2475.0	0.463	2.500	0.430

SL	**ag**	**S**	**Fo**	**Fv**	**Tb**	**Tc**	**Td**
	g				sec	sec	sec
SLO	0.133	1.500	2.320	1.141	0.167	0.500	2.131
SLD	0.170	1.461	2.350	1.306	0.170	0.510	2.278
SLV	0.419	1.076	2.480	2.168	0.196	0.587	3.278
SLC	0.463	1.006	2.500	2.295	0.199	0.597	3.450

RISULTATI ANALISI SISMICHE

LEGENDA TABELLA ANALISI SISMICHE

Il programma consente l'analisi di diverse configurazioni sismiche.

Sono previsti, infatti, i seguenti casi di carico:

9. Esk caso di carico sismico con analisi statica equivalente
10. Edk caso di carico sismico con analisi dinamica

Ciascun caso di carico è caratterizzato da un angolo di ingresso e da una configurazione di masse determinante la forza sismica complessiva (si rimanda al capitolo relativo ai casi di carico per chiarimenti inerenti questo aspetto).

Nella colonna Note, in funzione della norma in uso sono riportati i parametri fondamentali che caratterizzano l' azione sismica: in particolare possono essere presenti i seguenti valori:

Angolo di ingresso	Angolo di ingresso dell'azione sismica orizzontale
Fattore di importanza	Fattore di importanza dell'edificio, in base alla categoria di appartenenza
Zona sismica	Zona sismica
Accelerazione ag	Accelerazione orizzontale massima sul suolo
Categoria suolo	Categoria di profilo stratigrafico del suolo di fondazione
Fattore di struttura q	Fattore dipendente dalla tipologia strutturale
Fattore di sito S	Fattore dipendente dalla stratigrafia e dal profilo topografico
Classe di duttilità CD	Classe di duttilità della struttura – "A" duttilità alta, "B" duttilità bassa
Fattore riduz. SLD	Fattore di riduzione dello spettro elastico per lo stato limite di danno
Periodo proprio T1	Periodo proprio di vibrazione della struttura
Coefficiente Lambda	Coefficiente dipendente dal periodo proprio T1 e dal numero di piani della struttura
Ordinata spettro Sd(T1)	Valore delle ordinate dello spettro di progetto per lo stato limite ultimo, componente orizzontale (verticale Svd)
Ordinata spettro Se(T1)	Valore delle ordinate dello spettro elastico ridotta del fattore SLD per lo stato limite di danno, componente orizzontale (verticale Sve)
Ordinata spettro S (Tb-Tc)	Valore dell' ordinata dello spettro in uso nel tratto costante
numero di modi considerati	Numero di modi di vibrare della struttura considerati nell'analisi dinamica

Per ciascun caso di carico sismico viene riportato l'insieme di dati sottoriportati (le masse sono espresse in unità di forza):

a) **analisi sismica statica equivalente**:
- quota, posizione del centro di applicazione e azione orizzontale risultante, posizione del baricentro delle rigidezze, rapporto r/Ls (per strutture a nucleo), indici di regolarità e/r secondo EC8 4.2.3.2
- azione sismica complessiva

b) **analisi sismica dinamica con spettro di risposta**:
- quota, posizione del centro di massa e massa risultante, posizione del baricentro delle rigidezze, rapporto r/Ls (per strutture a nucleo) **,** indici di regolarità e/r secondo EC8 4.2.3.2
- frequenza, periodo,accelerazione spettrale, massa eccitata nelle tre direzioni globali per tutti i modi
- massa complessiva ed aliquota di massa complessiva eccitata.

Per ciascuna combinazione sismica definita SLD o SLO viene riportato il livello di deformazione etaT (dr) degli elementi strutturali verticali. Per semplicità di consultazione il livello è espresso anche in unità 1000*etaT/h da confrontare direttamente con i valori forniti nella norma (es. 5 per edifici con tamponamenti collegati rigidamente alla struttura, 10.0 per edifici con tamponamenti collegati elasticamente, 3 per edifici in muratura ordinaria, 4 per edifici in muratura armata).

Qualora si applichi il D.M. 96 (vedi NOTA sul capitolo "normativa di riferimento") l'analisi sismica dinamica può essere comprensiva di sollecitazione verticale contemporanea a quella orizzontale, nel qual caso è effettuata una sovrapposizione degli effetti in ragione della radice dei quadrati degli effetti stessi. Per ciascuna combinazione sismica - analisi effettuate con il D.M. 96 (vedi NOTA sul capitolo "normativa di riferimento") - viene riportato il livello di deformazione etaT, etaP e etaD degli elementi strutturali verticali. Per semplicità di consultazione il livello è espresso in unità 1000*etaT/h da confrontare direttamente con il valore 2 o 4 per la verifica.

Per gli edifici sismicamente isolati si riportano di seguito le verifiche condotte sui dispositivi di isolamento. Le verifiche sono effettuate secondo l' allegato 10.A dell'Ordinanza 3274 e smi. In particolare la tabella, per ogni combinazione SLU (SLC per il DM 14-01-2008) sismica riporta il codice di verifica e i valori utilizzati per la verifica: spostamento dE, area ridotta e dimensione A2, azione verticale,

deformazioni di taglio dell' elastomero e tensioni nell' acciaio.

Nodo	Nodo di appoggio dell' isolatore
Cmb	Combinazione oggetto della verifica
Verif.	Codice di verifica ok – verifica positiva , NV – verifica negativa, ND – verifica non completata
dE	Spostamento relativo tra le due facce (amplificato del 20% per Ordinanza 3274 e smi) combinato con la regola del 30%
Ang fi	Angolo utilizzato per il calcolo dell' area ridotta Ar (per dispositivi circolari)
V	Azione verticale agente
Ar	Area ridotta efficace
Dim A2	Dimensione utile per il calcolo della deformazione per rotazione
Sig s	Tensione nell' inserto in acciaio
Gam c(a,s,t)	Deformazioni di taglio dell' elestomero
Vcr	Carico critico per instabilità

Affinchè la verifica sia positiva deve essere:

1) V > 0
2) Sig s < fyk
3) Gam t < 5
4) Gam s < Gam * (caratteristica dell' elastomero)
5) Gam s < 2
6) V < 0.5 Vcr

Con riferimento al **Documento di Affidabilità** "*Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST*" - versione Maggio 2011, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
23	DM 2008: SPETTRO
29	SISMICA 1000/H, SOMMA V, EFFETTO P-δ
30	ANALISI DI UN EDIFICIO CON ISOLATORI SISMICI
65	MASSE SISMICHE
70	PROGETTO DI ISOLATORI ELASTOMERICI
71	VERIFICA DI ISOLATORI ELASTOMERICI
72	VERIFICA DI ISOLATORI FRICTION PENDULUM

CDC	Tipo	Sigla Id	Note
2	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	
			categoria suolo: C
			fattore di sito S = 1.076
			ordinata spettro (tratto Tb-Tc) = 0.266 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 1.965 sec.
			fattore di struttura q: 4.200
			fattore per spost. mu d: 4.200
			classe di duttilità CD: A
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1552.00	3460.79	-143.63	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1548.00	8175.39	-94.04	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1542.22	4538.53	419.44	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1537.00	8121.25	-89.79	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1536.44	4538.53	688.89	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1531.22	4545.55	419.44	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1530.67	4538.53	958.33	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1525.44	4545.55	688.89	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1524.89	4477.84	1227.78	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1519.67	4545.55	958.33	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1519.11	4537.42	1497.22	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1519.00	6500.12	-138.91	3500.00	0.0	-75.00	0.0	0.0	0.0	0.0	0.0
1513.89	4485.92	1227.78	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1513.33	4537.42	1766.67	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1508.11	4544.49	1497.22	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1507.56	4537.42	2036.11	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1502.33	4544.49	1766.67	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1501.78	4537.42	2305.56	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1500.00	1310.85	2625.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1496.56	4544.49	2036.11	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1496.00	5472.85	2625.01	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1493.00	7886.46	-71.25	3499.14	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1490.78	4544.49	2305.56	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1487.22	4556.30	419.44	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1486.33	4536.35	2944.44	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1485.00	5476.33	2625.01	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1481.44	4556.30	688.89	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1476.67	4536.35	3213.89	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1475.67	4556.30	958.33	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1475.33	4543.44	2944.44	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1469.89	4556.30	1227.78	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1467.00	6939.16	3186.12	3500.00	0.0	-75.00	0.0	0.0	0.0	0.0	0.0
1465.67	4543.44	3213.89	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1464.11	4493.40	1497.22	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1460.00	7718.11	-59.06	3498.79	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1458.33	4555.12	1766.67	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1457.33	4476.35	3752.78	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1456.00	4543.44	3483.33	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1454.22	4577.88	419.44	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1452.56	4555.12	2036.11	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1448.44	4577.88	688.89	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1447.67	4534.57	4022.22	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1446.78	4555.12	2305.56	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1446.33	4484.46	3752.78	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1442.67	4577.88	958.33	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1441.00	5497.82	2624.99	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1438.00	4534.57	4291.67	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1436.89	4577.88	1227.78	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1436.67	4541.73	4022.22	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1431.33	4547.48	2944.44	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1431.11	4518.24	1497.22	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1428.33	4534.57	4561.11	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1427.00	4541.73	4291.67	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1425.33	4576.81	1766.67	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1421.67	4547.48	3213.89	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1419.56	4576.81	2036.11	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1419.00	5958.60	-93.08	3497.92	0.0	-150.00	0.0	0.0	0.0	0.0	0.0
1418.67	4534.57	4830.56	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1417.33	4541.73	4561.11	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1413.78	4576.81	2305.56	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1413.00	1182.15	5150.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1412.00	4547.48	3483.33	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1409.00	5262.93	5150.03	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1408.00	5748.53	2624.99	3553.44	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1407.67	4541.73	4830.56	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1402.33	4487.48	3752.78	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1398.33	4569.66	2944.44	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1398.00	5265.67	5150.03	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1392.67	9084.67	4745.30	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1388.67	4569.66	3213.89	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1383.00	4545.70	4291.67	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1381.67	4546.03	5469.44	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1380.00	2190.61	5150.00	3500.00	0.0	-75.00	0.0	0.0	0.0	0.0	0.0
1379.00	4569.66	3483.33	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1376.33	4538.97	5738.89	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1373.33	4545.70	4561.11	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1371.00	6892.19	-29.11	3577.13	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1369.33	4512.62	3752.78	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1367.00	2435.15	2625.00	3500.00	0.0	-150.00	0.0	0.0	0.0	0.0	0.0
1365.33	4546.03	5738.89	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1365.22	4597.18	419.44	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1363.67	4545.70	4830.56	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1360.00	4538.97	6008.33	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1359.67	4568.10	4022.22	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1359.44	4597.18	688.89	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1354.00	5283.28	5150.04	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1353.67	4597.18	958.33	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1350.00	4568.10	4291.67	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1349.00	4546.03	6008.33	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1347.89	4597.18	1227.78	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1343.67	4538.97	6277.78	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1342.11	4531.73	1497.22	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1340.33	4568.10	4561.11	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1337.67	4550.10	5469.44	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1336.33	4595.94	1766.67	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1332.67	4546.03	6277.78	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1331.22	320.06	419.44	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1330.67	4568.10	4830.56	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1330.56	4595.94	2036.11	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1327.33	4478.32	6547.22	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1325.44	408.56	688.89	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1324.78	4595.94	2305.56	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1321.33	4550.10	5738.89	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1321.00	5287.45	5150.03	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1319.67	408.56	958.33	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1319.00	5540.45	2624.97	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1316.33	4486.43	6547.22	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1314.00	8014.05	9.99	3508.84	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1313.89	526.72	1227.78	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1311.00	4535.96	6816.67	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1309.33	4580.87	2944.44	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1308.22	2596.02	419.44	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1308.11	406.39	1497.22	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1305.00	4550.10	6008.33	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1304.67	4272.81	5469.44	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1302.44	3306.76	688.89	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1302.33	406.39	1766.67	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1302.00	1167.69	95.34	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1300.00	4543.14	6816.67	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1299.67	4580.87	3213.89	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1298.00	3225.92	116.07	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1296.67	4017.50	958.33	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1296.56	406.39	2036.11	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1294.67	4535.96	7086.11	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1290.89	4728.24	1227.78	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1290.78	317.89	2305.56	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1290.00	4580.87	3483.33	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1288.67	4550.10	6277.78	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1288.33	3973.42	5738.89	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1287.00	3230.09	116.11	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1286.33	314.44	2944.44	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1285.11	5379.35	1497.22	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1283.67	4543.14	7086.11	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1280.33	4520.87	3752.78	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1280.00	2220.06	5150.00	3500.00	0.0	-150.00	0.0	0.0	0.0	0.0	0.0
1279.33	6148.66	1766.67	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1278.33	4535.96	7355.56	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1276.67	402.97	3213.89	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1273.56	1.245e+04	2036.11	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1272.33	4489.45	6547.22	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1272.00	3674.02	6008.33	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1270.67	4579.09	4022.22	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1269.00	2608.71	96.02	3500.00	0.0	-75.00	0.0	0.0	0.0	0.0	0.0
1268.30	2669.33	392.50	3500.00	0.0	-212.50	0.0	0.0	0.0	0.0	0.0
1267.78	8161.18	2305.56	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1267.33	4543.14	7355.56	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1267.00	402.97	3483.33	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1266.00	3278.01	7888.03	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1262.00	1.341e+04	5684.75	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1261.00	4579.09	4291.67	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1257.33	518.47	3752.78	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1256.00	4547.09	6816.67	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1255.67	3374.63	6277.78	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1254.22	326.70	419.44	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1252.33	4620.06	2944.44	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1251.33	4579.09	4561.11	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1251.00	8026.91	7831.72	3484.69	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1250.00	3886.20	848.90	3493.94	0.0	-225.00	0.0	0.0	0.0	0.0	0.0
1248.44	415.20	688.89	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1247.67	399.48	4022.22	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1246.00	3784.17	2625.00	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1243.00	3190.63	118.09	3515.48	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1242.67	5035.25	3027.90	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1241.67	4579.09	4830.56	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1239.67	4547.09	7086.11	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1239.33	3017.62	6547.22	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1238.00	399.48	4291.67	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1236.89	415.20	1227.78	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1235.00	3789.62	2625.00	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1233.00	1.078e+04	5996.89	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1232.00	5012.79	5146.97	3609.37	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1231.33	308.34	2944.44	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1231.11	535.49	1497.22	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1228.33	399.48	4561.11	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1225.56	4312.07	5469.44	3500.00	0.0	-169.44	0.0	0.0	0.0	0.0	0.0
1225.33	412.96	1766.67	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1223.33	9112.02	5550.64	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1223.00	2773.20	6816.67	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1222.60	3381.96	635.00	3500.00	0.0	-225.00	0.0	0.0	0.0	0.0	0.0
1221.67	396.87	3213.89	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1219.56	412.96	2036.11	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1219.11	4012.50	5738.89	3500.00	0.0	-163.89	0.0	0.0	0.0	0.0	0.0
1218.67	310.94	4830.56	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1217.00	2543.77	2625.00	3500.00	0.0	-75.00	0.0	0.0	0.0	0.0	0.0
1213.78	324.45	2305.56	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1213.67	4618.67	4022.22	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1212.67	3712.94	6008.33	3500.00	0.0	-158.33	0.0	0.0	0.0	0.0	0.0
1212.00	396.87	3483.33	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1210.00	3255.29	116.08	3496.46	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1207.00	7536.38	7818.61	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1206.67	2473.80	7086.11	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1206.22	3839.10	6277.78	3669.42	0.0	-152.78	0.0	0.0	0.0	0.0	0.0
1204.00	4618.67	4291.67	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1202.33	510.58	3752.78	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1200.00	1928.55	392.50	3500.00	0.0	-237.50	0.0	0.0	0.0	0.0	0.0
1199.78	3346.44	6547.22	3627.49	0.0	-147.22	0.0	0.0	0.0	0.0	0.0
1198.00	2484.96	2625.00	3500.00	0.0	-225.00	0.0	0.0	0.0	0.0	0.0
1194.33	4618.67	4561.11	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1193.33	2819.44	6816.67	3500.00	0.0	-141.67	0.0	0.0	0.0	0.0	0.0
1192.67	709.33	4666.54	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1191.00	3806.09	2625.00	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1190.33	2174.41	7355.56	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1186.89	2519.89	7086.11	3500.00	0.0	-136.11	0.0	0.0	0.0	0.0	0.0
1184.67	4618.67	4830.56	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1183.00	393.53	4291.67	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1180.44	2220.36	7355.56	3500.00	0.0	-130.56	0.0	0.0	0.0	0.0	0.0
1176.90	4094.63	877.50	3500.00	0.0	-237.50	0.0	0.0	0.0	0.0	0.0
1176.33	404.44	5738.89	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1175.00	5476.39	5151.40	3774.66	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1174.00	8253.30	7782.60	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1173.33	393.53	4561.11	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1170.33	7166.52	5469.44	3563.77	0.0	-194.44	0.0	0.0	0.0	0.0	0.0
1169.00	2636.80	96.28	3493.93	0.0	-150.00	0.0	0.0	0.0	0.0	0.0
1165.67	6411.46	5738.89	3500.00	0.0	-188.89	0.0	0.0	0.0	0.0	0.0
1163.67	304.99	4830.56	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1163.00	1046.28	5150.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1161.00	5898.45	6008.33	3500.00	0.0	-183.33	0.0	0.0	0.0	0.0	0.0
1160.00	404.44	6008.33	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1159.00	3535.16	5150.00	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1158.00	3816.55	2625.00	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1156.33	8128.25	6277.78	3500.00	0.0	-177.78	0.0	0.0	0.0	0.0	0.0
1151.67	4035.96	6547.22	3500.00	0.0	-172.22	0.0	0.0	0.0	0.0	0.0
1150.00	1929.06	635.00	3500.00	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
1148.00	3539.89	5150.00	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1147.00	3541.55	6816.67	3500.00	0.0	-166.67	0.0	0.0	0.0	0.0	0.0
1143.67	404.44	6277.78	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1142.33	2995.33	7086.11	3500.00	0.0	-161.11	0.0	0.0	0.0	0.0	0.0
1137.67	2758.76	7143.85	3500.00	0.0	-155.56	0.0	0.0	0.0	0.0	0.0
1133.00	7389.13	7778.75	3443.82	0.0	-150.00	0.0	0.0	0.0	0.0	0.0
1131.20	4807.34	1120.00	3500.00	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
1130.00	2293.26	5150.00	3500.00	0.0	-75.00	0.0	0.0	0.0	0.0	0.0
1127.33	518.79	6547.22	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1126.00	3737.49	2641.46	3290.45	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
1121.33	398.30	5738.89	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1121.00	2958.40	107.50	3677.90	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1117.00	2575.91	2625.00	3500.00	0.0	-150.00	0.0	0.0	0.0	0.0	0.0
1116.33	4638.49	2944.44	3500.00	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
1111.00	2664.69	5399.27	3500.00	0.0	-225.00	0.0	0.0	0.0	0.0	0.0
1109.33	302.10	2944.44	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1108.22	334.19	419.44	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1106.67	4638.49	3213.89	3500.00	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
1106.60	2541.58	7382.50	3500.00	0.0	-165.00	0.0	0.0	0.0	0.0	0.0
1105.00	398.30	6008.33	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1104.00	3554.65	5150.00	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1102.44	422.69	688.89	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1100.00	1929.60	877.50	3500.00	0.0	-262.50	0.0	0.0	0.0	0.0	0.0
1099.67	390.64	3213.89	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1097.00	4638.49	3483.33	3500.00	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
1096.67	422.69	958.33	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1094.67	398.54	7086.11	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1090.89	422.69	1227.78	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1090.00	390.64	3483.33	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1088.67	398.30	6277.78	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1087.33	4578.49	3752.78	3500.00	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
1085.50	5440.27	1362.50	3500.00	0.0	-262.50	0.0	0.0	0.0	0.0	0.0
1085.11	545.47	1497.22	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1085.00	2593.88	7664.46	3313.28	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1080.33	502.60	3752.78	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1080.20	3088.61	7140.00	3500.00	0.0	-180.00	0.0	0.0	0.0	0.0	0.0
1079.33	420.38	1766.67	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1078.33	309.90	7355.56	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1077.67	4636.71	4022.22	3500.00	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
1073.56	420.38	2036.11	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1072.33	510.91	6547.22	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1071.00	3564.23	5150.00	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1070.67	387.47	4022.22	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1069.00	3843.40	2625.00	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1068.00	4636.71	4291.67	3500.00	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
1067.78	331.88	2305.56	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1064.00	3282.29	116.52	3491.76	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1061.00	387.47	4291.67	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1058.33	4636.71	4561.11	3500.00	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
1056.00	392.65	6816.67	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1053.80	3635.68	6897.50	3500.00	0.0	-195.00	0.0	0.0	0.0	0.0	0.0
1053.50	1966.33	7382.50	3500.00	0.0	-190.00	0.0	0.0	0.0	0.0	0.0
1051.33	387.47	4561.11	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1050.00	1930.18	1120.00	3500.00	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
1048.67	4636.71	4830.56	3500.00	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
1045.00	3753.41	2641.30	3270.48	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
1041.67	298.94	4830.56	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1039.80	6208.85	1605.00	3500.00	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
1039.67	392.65	7086.11	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1039.00	3514.69	5132.53	3277.17	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
1035.33	4561.59	2944.44	3500.00	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
1030.00	2322.55	5150.00	3500.00	0.0	-150.00	0.0	0.0	0.0	0.0	0.0
1027.40	4182.79	6655.00	3500.00	0.0	-210.00	0.0	0.0	0.0	0.0	0.0
1025.67	4429.39	3213.89	3500.00	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
1025.56	979.08	5469.44	4752.21	0.0	-181.94	0.0	0.0	0.0	0.0	0.0
1023.33	304.00	7355.56	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1022.00	1965.45	7140.00	3500.00	0.0	-205.00	0.0	0.0	0.0	0.0	0.0
1019.11	396.04	5738.89	3500.00	0.0	-176.39	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1016.00	6739.37	4240.96	3995.96	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
1012.67	396.48	6008.33	3500.00	0.0	-170.83	0.0	0.0	0.0	0.0	0.0
1012.00	7157.87	4944.08	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1006.33	4101.96	3752.78	3472.80	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
1006.22	396.92	6277.78	3500.00	0.0	-165.28	0.0	0.0	0.0	0.0	0.0
1001.00	7959.34	6929.35	3500.00	0.0	-225.00	0.0	0.0	0.0	0.0	0.0
1000.00	1.143e+04	315.05	3500.00	0.0	-287.50	0.0	0.0	0.0	0.0	0.0
999.78	1227.19	6547.22	4431.28	0.0	-159.72	0.0	0.0	0.0	0.0	0.0
996.67	4014.95	4022.22	3443.95	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
994.10	6921.67	1847.50	3500.00	0.0	-287.50	0.0	0.0	0.0	0.0	0.0
993.33	395.49	6816.67	3500.00	0.0	-154.17	0.0	0.0	0.0	0.0	0.0
990.50	1964.64	6897.50	3500.00	0.0	-220.00	0.0	0.0	0.0	0.0	0.0
987.00	4830.65	4291.67	2888.94	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
986.89	395.95	7086.11	3500.00	0.0	-148.61	0.0	0.0	0.0	0.0	0.0
983.00	2678.75	7678.47	3500.00	0.0	-75.00	0.0	0.0	0.0	0.0	0.0
982.00	3275.74	5140.44	3667.36	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
980.44	306.04	7355.56	3500.00	0.0	-143.06	0.0	0.0	0.0	0.0	0.0
977.33	3587.47	4561.11	3500.00	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
974.60	5462.69	6170.00	3500.00	0.0	-240.00	0.0	0.0	0.0	0.0	0.0
967.67	3425.73	4830.56	3500.00	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
959.00	1963.90	6655.00	3500.00	0.0	-235.00	0.0	0.0	0.0	0.0	0.0
958.00	3531.09	5132.68	3256.03	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
957.00	3309.69	7658.73	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
956.00	2557.59	2625.00	3500.00	0.0	-300.00	0.0	0.0	0.0	0.0	0.0
950.00	2377.91	1424.95	3500.00	0.0	-300.00	0.0	0.0	0.0	0.0	0.0
948.40	7535.05	2090.00	3500.00	0.0	-300.00	0.0	0.0	0.0	0.0	0.0
948.20	5966.56	5927.50	3500.00	0.0	-255.00	0.0	0.0	0.0	0.0	0.0
948.00	2624.12	2625.00	3500.00	0.0	-225.00	0.0	0.0	0.0	0.0	0.0
927.50	1915.74	6412.50	3500.00	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
925.00	3291.41	5140.48	3690.36	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
924.00	3313.88	7658.57	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
921.80	6480.60	5685.00	3500.00	0.0	-270.00	0.0	0.0	0.0	0.0	0.0
916.33	296.40	2944.44	3500.00	0.0	-262.50	0.0	0.0	0.0	0.0	0.0
906.67	384.93	3213.89	3500.00	0.0	-262.50	0.0	0.0	0.0	0.0	0.0
906.60	314.14	7382.50	3500.00	0.0	-177.50	0.0	0.0	0.0	0.0	0.0
902.70	8227.72	2332.50	3500.00	0.0	-312.50	0.0	0.0	0.0	0.0	0.0
900.00	2379.97	1667.04	3500.00	0.0	-312.50	0.0	0.0	0.0	0.0	0.0
897.00	384.93	3483.33	3500.00	0.0	-262.50	0.0	0.0	0.0	0.0	0.0
896.00	1978.10	6170.00	3500.00	0.0	-265.00	0.0	0.0	0.0	0.0	0.0
895.40	7001.71	5442.50	3500.00	0.0	-285.00	0.0	0.0	0.0	0.0	0.0
887.33	495.40	3752.78	3500.00	0.0	-262.50	0.0	0.0	0.0	0.0	0.0
883.00	2693.00	7677.79	3500.00	0.0	-150.00	0.0	0.0	0.0	0.0	0.0
880.20	406.79	7140.00	3500.00	0.0	-192.50	0.0	0.0	0.0	0.0	0.0
877.67	381.97	4022.22	3500.00	0.0	-262.50	0.0	0.0	0.0	0.0	0.0
876.00	2958.32	2635.59	3235.26	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
869.00	4111.33	5151.21	3500.00	0.0	-300.00	0.0	0.0	0.0	0.0	0.0
868.00	381.97	4291.67	3500.00	0.0	-262.50	0.0	0.0	0.0	0.0	0.0
867.80	3290.36	4857.50	3500.00	0.0	-302.50	0.0	0.0	0.0	0.0	0.0
866.60	3452.24	4615.00	3500.00	0.0	-305.00	0.0	0.0	0.0	0.0	0.0
865.40	3622.17	4372.50	3500.00	0.0	-307.50	0.0	0.0	0.0	0.0	0.0
864.50	1977.81	5927.50	3500.00	0.0	-280.00	0.0	0.0	0.0	0.0	0.0
864.20	3838.44	4130.00	3467.48	0.0	-310.00	0.0	0.0	0.0	0.0	0.0
863.00	3912.81	3887.50	3506.72	0.0	-312.50	0.0	0.0	0.0	0.0	0.0
861.80	4108.33	3645.00	3539.48	0.0	-315.00	0.0	0.0	0.0	0.0	0.0
861.00	2367.36	5150.00	3500.00	0.0	-225.00	0.0	0.0	0.0	0.0	0.0
860.60	4168.02	3402.50	3500.00	0.0	-317.50	0.0	0.0	0.0	0.0	0.0
859.40	4290.56	3160.00	3500.00	0.0	-320.00	0.0	0.0	0.0	0.0	0.0
858.33	381.97	4561.11	3500.00	0.0	-262.50	0.0	0.0	0.0	0.0	0.0
858.20	4422.92	2917.50	3500.00	0.0	-322.50	0.0	0.0	0.0	0.0	0.0
857.00	4335.94	2623.97	3500.00	0.0	-325.00	0.0	0.0	0.0	0.0	0.0
853.80	405.43	6897.50	3500.00	0.0	-207.50	0.0	0.0	0.0	0.0	0.0
850.00	2382.06	1909.13	3500.00	0.0	-325.00	0.0	0.0	0.0	0.0	0.0
848.67	293.43	4830.56	3500.00	0.0	-262.50	0.0	0.0	0.0	0.0	0.0
835.00	8104.79	7676.16	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
833.00	1977.59	5685.00	3500.00	0.0	-295.00	0.0	0.0	0.0	0.0	0.0
827.40	404.09	6655.00	3500.00	0.0	-222.50	0.0	0.0	0.0	0.0	0.0
801.50	1977.45	5442.50	3500.00	0.0	-310.00	0.0	0.0	0.0	0.0	0.0
801.00	514.69	6412.50	3500.00	0.0	-237.50	0.0	0.0	0.0	0.0	0.0
800.00	2503.07	2113.77	3500.00	0.0	-337.50	0.0	0.0	0.0	0.0	0.0
795.00	2981.51	2635.51	3211.05	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
789.00	2700.24	5138.40	3209.96	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
774.60	394.59	6170.00	3500.00	0.0	-252.50	0.0	0.0	0.0	0.0	0.0
770.00	2962.44	5152.79	3500.00	0.0	-325.00	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
768.00	1702.85	4857.50	3500.00	0.0	-327.50	0.0	0.0	0.0	0.0	0.0
766.00	1702.83	4615.00	3500.00	0.0	-330.00	0.0	0.0	0.0	0.0	0.0
764.00	1702.81	4372.50	3500.00	0.0	-332.50	0.0	0.0	0.0	0.0	0.0
762.00	1702.80	4130.00	3500.00	0.0	-335.00	0.0	0.0	0.0	0.0	0.0
760.00	1656.55	3887.50	3500.00	0.0	-337.50	0.0	0.0	0.0	0.0	0.0
758.00	1706.19	3645.00	3500.00	0.0	-340.00	0.0	0.0	0.0	0.0	0.0
756.00	1706.18	3402.50	3500.00	0.0	-342.50	0.0	0.0	0.0	0.0	0.0
754.00	1706.18	3160.00	3500.00	0.0	-345.00	0.0	0.0	0.0	0.0	0.0
752.00	1706.18	2917.50	3500.00	0.0	-347.50	0.0	0.0	0.0	0.0	0.0
750.00	3511.55	2498.57	3500.00	0.0	-350.00	0.0	0.0	0.0	0.0	0.0
748.20	393.58	5927.50	3500.00	0.0	-267.50	0.0	0.0	0.0	0.0	0.0
721.80	392.60	5685.00	3500.00	0.0	-282.50	0.0	0.0	0.0	0.0	0.0
708.00	2721.95	5138.49	3183.50	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
706.00	2694.12	2625.00	3500.00	0.0	-300.00	0.0	0.0	0.0	0.0	0.0
700.00	430.45	1847.50	3500.00	0.0	-300.00	0.0	0.0	0.0	0.0	0.0
695.40	297.62	5442.50	3500.00	0.0	-297.50	0.0	0.0	0.0	0.0	0.0
667.80	275.68	4857.50	3500.00	0.0	-315.00	0.0	0.0	0.0	0.0	0.0
666.60	355.57	4615.00	3500.00	0.0	-317.50	0.0	0.0	0.0	0.0	0.0
665.40	355.41	4372.50	3500.00	0.0	-320.00	0.0	0.0	0.0	0.0	0.0
664.20	355.25	4130.00	3500.00	0.0	-322.50	0.0	0.0	0.0	0.0	0.0
663.00	459.02	3887.50	3500.00	0.0	-325.00	0.0	0.0	0.0	0.0	0.0
661.80	354.99	3645.00	3500.00	0.0	-327.50	0.0	0.0	0.0	0.0	0.0
660.60	354.84	3402.50	3500.00	0.0	-330.00	0.0	0.0	0.0	0.0	0.0
659.40	354.68	3160.00	3500.00	0.0	-332.50	0.0	0.0	0.0	0.0	0.0
658.20	274.48	2917.50	3500.00	0.0	-335.00	0.0	0.0	0.0	0.0	0.0
650.00	431.88	2090.00	3500.00	0.0	-312.50	0.0	0.0	0.0	0.0	0.0
619.00	2433.07	5150.00	3500.00	0.0	-300.00	0.0	0.0	0.0	0.0	0.0
607.00	2722.79	2625.00	3500.00	0.0	-325.00	0.0	0.0	0.0	0.0	0.0
600.00	342.23	2332.50	3500.00	0.0	-325.00	0.0	0.0	0.0	0.0	0.0
520.00	5617.28	5150.00	3500.00	0.0	-325.00	0.0	0.0	0.0	0.0	0.0
500.00	5714.60	2625.00	3500.00	0.0	-350.00	0.0	0.0	0.0	0.0	0.0
Risulta	1.326e+06									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	0.509	1.965	0.084	1.231e+06	92.8	0.22	1.69e-05	15.47	1.17e-03	0.0	0.0
2	1.485	0.673	0.232	14.37	1.08e-03	3478.41	0.3	14.74	1.11e-03	0.0	0.0
3	1.783	0.561	0.266	14.07	1.06e-03	1.801e+05	13.6	124.49	9.39e-03	0.0	0.0
4	1.811	0.552	0.266	1946.63	0.1	2343.95	0.2	4.346e+04	3.3	0.0	0.0
5	1.855	0.539	0.266	2876.00	0.2	5.57	4.20e-04	4.979e+05	37.6	0.0	0.0
6	1.972	0.507	0.266	4097.06	0.3	110.18	8.31e-03	1.514e+05	11.4	0.0	0.0
7	2.088	0.479	0.266	0.12	9.08e-06	2217.65	0.2	15.02	1.13e-03	0.0	0.0
8	2.155	0.464	0.266	275.72	2.08e-02	6.38	4.81e-04	9.037e+04	6.8	0.0	0.0
9	2.192	0.456	0.266	270.24	2.04e-02	6758.89	0.5	1555.94	0.1	0.0	0.0
10	2.255	0.444	0.266	3273.05	0.2	1.070e+04	0.8	5.020e+04	3.8	0.0	0.0
11	2.259	0.443	0.266	1257.15	9.48e-02	3.091e+04	2.3	2.125e+04	1.6	0.0	0.0
12	2.295	0.436	0.266	6911.55	0.5	289.90	2.19e-02	3.433e+04	2.6	0.0	0.0
13	2.379	0.420	0.266	1.21	9.14e-05	3945.66	0.3	7.98	6.02e-04	0.0	0.0
14	2.491	0.401	0.266	2.44	1.84e-04	611.85	4.62e-02	4.814e+04	3.6	0.0	0.0
15	2.511	0.398	0.266	9.34	7.05e-04	4894.06	0.4	2210.32	0.2	0.0	0.0
16	2.532	0.395	0.266	58.17	4.39e-03	88.11	6.65e-03	3.925e+04	3.0	0.0	0.0
17	2.559	0.391	0.266	29.55	2.23e-03	3.09	2.33e-04	5763.95	0.4	0.0	0.0
18	2.629	0.380	0.266	46.79	3.53e-03	13.70	1.03e-03	3600.23	0.3	0.0	0.0
19	2.674	0.374	0.266	2.06	1.55e-04	381.04	2.87e-02	35.54	2.68e-03	0.0	0.0
20	2.782	0.359	0.266	1651.37	0.1	0.04	2.89e-06	9.705e+04	7.3	0.0	0.0
Risulta				1.253e+06		2.469e+05		1.087e+06			
In percentuale				94.55		18.62		81.97			

CDC	Tipo	Sigla Id	Note
3	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	
			categoria suolo: C
			fattore di sito S = 1.076
			ordinata spettro (tratto Tb-Tc) = 0.266 g

CDC	Tipo	Sigla Id	Note
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 1.967 sec.
			fattore di struttura q: 4.200
			fattore per spost. mu d: 4.200
			classe di duttilità CD: A
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1552.00	3460.79	-143.63	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1548.00	8175.39	-94.04	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1542.22	4538.53	419.44	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1537.00	8121.25	-89.79	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1536.44	4538.53	688.89	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1531.22	4545.55	419.44	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1530.67	4538.53	958.33	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1525.44	4545.55	688.89	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1524.89	4477.84	1227.78	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1519.67	4545.55	958.33	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1519.11	4537.42	1497.22	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1519.00	6500.12	-138.91	3500.00	0.0	75.00	0.0	0.0	0.0	0.0	0.0
1513.89	4485.92	1227.78	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1513.33	4537.42	1766.67	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1508.11	4544.49	1497.22	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1507.56	4537.42	2036.11	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1502.33	4544.49	1766.67	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1501.78	4537.42	2305.56	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1500.00	1310.85	2625.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1496.56	4544.49	2036.11	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1496.00	5472.85	2625.01	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1493.00	7886.46	-71.25	3499.14	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1490.78	4544.49	2305.56	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1487.22	4556.30	419.44	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1486.33	4536.35	2944.44	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1485.00	5476.33	2625.01	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1481.44	4556.30	688.89	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1476.67	4536.35	3213.89	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1475.67	4556.30	958.33	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1475.33	4543.44	2944.44	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1469.89	4556.30	1227.78	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1467.00	6939.16	3186.12	3500.00	0.0	75.00	0.0	0.0	0.0	0.0	0.0
1465.67	4543.44	3213.89	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1464.11	4493.40	1497.22	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1460.00	7718.11	-59.06	3498.79	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1458.33	4555.12	1766.67	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1457.33	4476.35	3752.78	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1456.00	4543.44	3483.33	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1454.22	4577.88	419.44	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1452.56	4555.12	2036.11	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1448.44	4577.88	688.89	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1447.67	4534.57	4022.22	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1446.78	4555.12	2305.56	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1446.33	4484.46	3752.78	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1442.67	4577.88	958.33	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1441.00	5497.82	2624.99	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1438.00	4534.57	4291.67	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1436.89	4577.88	1227.78	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1436.67	4541.73	4022.22	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1431.33	4547.48	2944.44	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1431.11	4518.24	1497.22	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1428.33	4534.57	4561.11	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1427.00	4541.73	4291.67	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1425.33	4576.81	1766.67	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1421.67	4547.48	3213.89	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1419.56	4576.81	2036.11	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1419.00	5958.60	-93.08	3497.92	0.0	150.00	0.0	0.0	0.0	0.0	0.0
1418.67	4534.57	4830.56	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1417.33	4541.73	4561.11	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1413.78	4576.81	2305.56	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1413.00	1182.15	5150.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1412.00	4547.48	3483.33	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1409.00	5262.93	5150.03	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1408.00	5748.53	2624.99	3553.44	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1407.67	4541.73	4830.56	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1402.33	4487.48	3752.78	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1398.33	4569.66	2944.44	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1398.00	5265.67	5150.03	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1392.67	9084.67	4745.30	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1388.67	4569.66	3213.89	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1383.00	4545.70	4291.67	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1381.67	4546.03	5469.44	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1380.00	2190.61	5150.00	3500.00	0.0	75.00	0.0	0.0	0.0	0.0	0.0
1379.00	4569.66	3483.33	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1376.33	4538.97	5738.89	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1373.33	4545.70	4561.11	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1371.00	6892.19	-29.11	3577.13	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1369.33	4512.62	3752.78	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1367.00	2435.15	2625.00	3500.00	0.0	150.00	0.0	0.0	0.0	0.0	0.0
1365.33	4546.03	5738.89	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1365.22	4597.18	419.44	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1363.67	4545.70	4830.56	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1360.00	4538.97	6008.33	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1359.67	4568.10	4022.22	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1359.44	4597.18	688.89	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1354.00	5283.28	5150.04	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1353.67	4597.18	958.33	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1350.00	4568.10	4291.67	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1349.00	4546.03	6008.33	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1347.89	4597.18	1227.78	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1343.67	4538.97	6277.78	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1342.11	4531.73	1497.22	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1340.33	4568.10	4561.11	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1337.67	4550.10	5469.44	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1336.33	4595.94	1766.67	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1332.67	4546.03	6277.78	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1331.22	320.06	419.44	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1330.67	4568.10	4830.56	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1330.56	4595.94	2036.11	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1327.33	4478.32	6547.22	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1325.44	408.56	688.89	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1324.78	4595.94	2305.56	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1321.33	4550.10	5738.89	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1321.00	5287.45	5150.03	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1319.67	408.56	958.33	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1319.00	5540.45	2624.97	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1316.33	4486.43	6547.22	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1314.00	8014.05	9.99	3508.84	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1313.89	526.72	1227.78	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1311.00	4535.96	6816.67	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1309.33	4580.87	2944.44	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1308.22	2596.02	419.44	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1308.11	406.39	1497.22	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1305.00	4550.10	6008.33	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1304.67	4272.81	5469.44	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1302.44	3306.76	688.89	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1302.33	406.39	1766.67	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1302.00	1167.69	95.34	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1300.00	4543.14	6816.67	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1299.67	4580.87	3213.89	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1298.00	3225.92	116.07	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1296.67	4017.50	958.33	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1296.56	406.39	2036.11	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1294.67	4535.96	7086.11	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1290.89	4728.24	1227.78	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1290.78	317.89	2305.56	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1290.00	4580.87	3483.33	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1288.67	4550.10	6277.78	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1288.33	3973.42	5738.89	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1287.00	3230.09	116.11	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1286.33	314.44	2944.44	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1285.11	5379.35	1497.22	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1283.67	4543.14	7086.11	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1280.33	4520.87	3752.78	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1280.00	2220.06	5150.00	3500.00	0.0	150.00	0.0	0.0	0.0	0.0	0.0
1279.33	6148.66	1766.67	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1278.33	4535.96	7355.56	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1276.67	402.97	3213.89	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1273.56	1.245e+04	2036.11	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1272.33	4489.45	6547.22	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1272.00	3674.02	6008.33	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1270.67	4579.09	4022.22	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1269.00	2608.71	96.02	3500.00	0.0	75.00	0.0	0.0	0.0	0.0	0.0
1268.30	2669.33	392.50	3500.00	0.0	212.50	0.0	0.0	0.0	0.0	0.0
1267.78	8161.18	2305.56	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1267.33	4543.14	7355.56	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1267.00	402.97	3483.33	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1266.00	3278.01	7888.03	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1262.00	1.341e+04	5684.75	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1261.00	4579.09	4291.67	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1257.33	518.47	3752.78	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1256.00	4547.09	6816.67	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1255.67	3374.63	6277.78	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1254.22	326.70	419.44	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1252.33	4620.06	2944.44	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1251.33	4579.09	4561.11	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1251.00	8026.91	7831.72	3484.69	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1250.00	3886.20	848.90	3493.94	0.0	225.00	0.0	0.0	0.0	0.0	0.0
1248.44	415.20	688.89	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1247.67	399.48	4022.22	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1246.00	3784.17	2625.00	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1243.00	3190.63	118.09	3515.48	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1242.67	5035.25	3027.90	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1241.67	4579.09	4830.56	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1239.67	4547.09	7086.11	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1239.33	3017.62	6547.22	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1238.00	399.48	4291.67	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1236.89	415.20	1227.78	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1235.00	3789.62	2625.00	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1233.00	1.078e+04	5996.89	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1232.00	5012.79	5146.97	3609.37	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1231.33	308.34	2944.44	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1231.11	535.49	1497.22	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1228.33	399.48	4561.11	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1225.56	4312.07	5469.44	3500.00	0.0	169.44	0.0	0.0	0.0	0.0	0.0
1225.33	412.96	1766.67	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1223.33	9112.02	5550.64	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1223.00	2773.20	6816.67	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1222.60	3381.96	635.00	3500.00	0.0	225.00	0.0	0.0	0.0	0.0	0.0
1221.67	396.87	3213.89	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1219.56	412.96	2036.11	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1219.11	4012.50	5738.89	3500.00	0.0	163.89	0.0	0.0	0.0	0.0	0.0
1218.67	310.94	4830.56	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1217.00	2543.77	2625.00	3500.00	0.0	75.00	0.0	0.0	0.0	0.0	0.0
1213.78	324.45	2305.56	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1213.67	4618.67	4022.22	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1212.67	3712.94	6008.33	3500.00	0.0	158.33	0.0	0.0	0.0	0.0	0.0
1212.00	396.87	3483.33	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1210.00	3255.29	116.08	3496.46	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1207.00	7536.38	7818.61	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1206.67	2473.80	7086.11	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1206.22	3839.10	6277.78	3669.42	0.0	152.78	0.0	0.0	0.0	0.0	0.0
1204.00	4618.67	4291.67	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1202.33	510.58	3752.78	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1200.00	1928.55	392.50	3500.00	0.0	237.50	0.0	0.0	0.0	0.0	0.0
1199.78	3346.44	6547.22	3627.49	0.0	147.22	0.0	0.0	0.0	0.0	0.0
1198.00	2484.96	2625.00	3500.00	0.0	225.00	0.0	0.0	0.0	0.0	0.0
1194.33	4618.67	4561.11	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1193.33	2819.44	6816.67	3500.00	0.0	141.67	0.0	0.0	0.0	0.0	0.0
1192.67	709.33	4666.54	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1191.00	3806.09	2625.00	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1190.33	2174.41	7355.56	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1186.89	2519.89	7086.11	3500.00	0.0	136.11	0.0	0.0	0.0	0.0	0.0
1184.67	4618.67	4830.56	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1183.00	393.53	4291.67	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1180.44	2220.36	7355.56	3500.00	0.0	130.56	0.0	0.0	0.0	0.0	0.0
1176.90	4094.63	877.50	3500.00	0.0	237.50	0.0	0.0	0.0	0.0	0.0
1176.33	404.44	5738.89	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1175.00	5476.39	5151.40	3774.66	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1174.00	8253.30	7782.60	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1173.33	393.53	4561.11	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1170.33	7166.52	5469.44	3563.77	0.0	194.44	0.0	0.0	0.0	0.0	0.0
1169.00	2636.80	96.28	3493.93	0.0	150.00	0.0	0.0	0.0	0.0	0.0
1165.67	6411.46	5738.89	3500.00	0.0	188.89	0.0	0.0	0.0	0.0	0.0
1163.67	304.99	4830.56	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1163.00	1046.28	5150.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1161.00	5898.45	6008.33	3500.00	0.0	183.33	0.0	0.0	0.0	0.0	0.0
1160.00	404.44	6008.33	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1159.00	3535.16	5150.00	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1158.00	3816.55	2625.00	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1156.33	8128.25	6277.78	3500.00	0.0	177.78	0.0	0.0	0.0	0.0	0.0
1151.67	4035.96	6547.22	3500.00	0.0	172.22	0.0	0.0	0.0	0.0	0.0
1150.00	1929.06	635.00	3500.00	0.0	250.00	0.0	0.0	0.0	0.0	0.0
1148.00	3539.89	5150.00	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1147.00	3541.55	6816.67	3500.00	0.0	166.67	0.0	0.0	0.0	0.0	0.0
1143.67	404.44	6277.78	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1142.33	2995.33	7086.11	3500.00	0.0	161.11	0.0	0.0	0.0	0.0	0.0
1137.67	2758.76	7143.85	3500.00	0.0	155.56	0.0	0.0	0.0	0.0	0.0
1133.00	7389.13	7778.75	3443.82	0.0	150.00	0.0	0.0	0.0	0.0	0.0
1131.20	4807.34	1120.00	3500.00	0.0	250.00	0.0	0.0	0.0	0.0	0.0
1130.00	2293.26	5150.00	3500.00	0.0	75.00	0.0	0.0	0.0	0.0	0.0
1127.33	518.79	6547.22	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1126.00	3737.49	2641.46	3290.45	0.0	250.00	0.0	0.0	0.0	0.0	0.0
1121.33	398.30	5738.89	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1121.00	2958.40	107.50	3677.90	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1117.00	2575.91	2625.00	3500.00	0.0	150.00	0.0	0.0	0.0	0.0	0.0
1116.33	4638.49	2944.44	3500.00	0.0	250.00	0.0	0.0	0.0	0.0	0.0
1111.00	2664.69	5399.27	3500.00	0.0	225.00	0.0	0.0	0.0	0.0	0.0
1109.33	302.10	2944.44	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1108.22	334.19	419.44	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1106.67	4638.49	3213.89	3500.00	0.0	250.00	0.0	0.0	0.0	0.0	0.0
1106.60	2541.58	7382.50	3500.00	0.0	165.00	0.0	0.0	0.0	0.0	0.0
1105.00	398.30	6008.33	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1104.00	3554.65	5150.00	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1102.44	422.69	688.89	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1100.00	1929.60	877.50	3500.00	0.0	262.50	0.0	0.0	0.0	0.0	0.0
1099.67	390.64	3213.89	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1097.00	4638.49	3483.33	3500.00	0.0	250.00	0.0	0.0	0.0	0.0	0.0
1096.67	422.69	958.33	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1094.67	398.54	7086.11	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1090.89	422.69	1227.78	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1090.00	390.64	3483.33	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1088.67	398.30	6277.78	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1087.33	4578.49	3752.78	3500.00	0.0	250.00	0.0	0.0	0.0	0.0	0.0
1085.50	5440.27	1362.50	3500.00	0.0	262.50	0.0	0.0	0.0	0.0	0.0
1085.11	545.47	1497.22	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1085.00	2593.88	7664.46	3313.28	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1080.33	502.60	3752.78	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1080.20	3088.61	7140.00	3500.00	0.0	180.00	0.0	0.0	0.0	0.0	0.0
1079.33	420.38	1766.67	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1078.33	309.90	7355.56	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1077.67	4636.71	4022.22	3500.00	0.0	250.00	0.0	0.0	0.0	0.0	0.0
1073.56	420.38	2036.11	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1072.33	510.91	6547.22	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1071.00	3564.23	5150.00	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1070.67	387.47	4022.22	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1069.00	3843.40	2625.00	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1068.00	4636.71	4291.67	3500.00	0.0	250.00	0.0	0.0	0.0	0.0	0.0
1067.78	331.88	2305.56	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1064.00	3282.29	116.52	3491.76	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1061.00	387.47	4291.67	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1058.33	4636.71	4561.11	3500.00	0.0	250.00	0.0	0.0	0.0	0.0	0.0
1056.00	392.65	6816.67	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1053.80	3635.68	6897.50	3500.00	0.0	195.00	0.0	0.0	0.0	0.0	0.0
1053.50	1966.33	7382.50	3500.00	0.0	190.00	0.0	0.0	0.0	0.0	0.0
1051.33	387.47	4561.11	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1050.00	1930.18	1120.00	3500.00	0.0	275.00	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1048.67	4636.71	4830.56	3500.00	0.0	250.00	0.0	0.0	0.0	0.0	0.0
1045.00	3753.41	2641.30	3270.48	0.0	275.00	0.0	0.0	0.0	0.0	0.0
1041.67	298.94	4830.56	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1039.80	6208.85	1605.00	3500.00	0.0	275.00	0.0	0.0	0.0	0.0	0.0
1039.67	392.65	7086.11	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1039.00	3514.69	5132.53	3277.17	0.0	250.00	0.0	0.0	0.0	0.0	0.0
1035.33	4561.59	2944.44	3500.00	0.0	275.00	0.0	0.0	0.0	0.0	0.0
1030.00	2322.55	5150.00	3500.00	0.0	150.00	0.0	0.0	0.0	0.0	0.0
1027.40	4182.79	6655.00	3500.00	0.0	210.00	0.0	0.0	0.0	0.0	0.0
1025.67	4429.39	3213.89	3500.00	0.0	275.00	0.0	0.0	0.0	0.0	0.0
1025.56	979.08	5469.44	4752.21	0.0	181.94	0.0	0.0	0.0	0.0	0.0
1023.33	304.00	7355.56	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1022.00	1965.45	7140.00	3500.00	0.0	205.00	0.0	0.0	0.0	0.0	0.0
1019.11	396.04	5738.89	3500.00	0.0	176.39	0.0	0.0	0.0	0.0	0.0
1016.00	6739.37	4240.96	3995.96	0.0	275.00	0.0	0.0	0.0	0.0	0.0
1012.67	396.48	6008.33	3500.00	0.0	170.83	0.0	0.0	0.0	0.0	0.0
1012.00	7157.87	4944.08	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1006.33	4101.96	3752.78	3472.80	0.0	275.00	0.0	0.0	0.0	0.0	0.0
1006.22	396.92	6277.78	3500.00	0.0	165.28	0.0	0.0	0.0	0.0	0.0
1001.00	7959.34	6929.35	3500.00	0.0	225.00	0.0	0.0	0.0	0.0	0.0
1000.00	1.143e+04	315.05	3500.00	0.0	287.50	0.0	0.0	0.0	0.0	0.0
999.78	1227.19	6547.22	4431.28	0.0	159.72	0.0	0.0	0.0	0.0	0.0
996.67	4014.95	4022.22	3443.95	0.0	275.00	0.0	0.0	0.0	0.0	0.0
994.10	6921.67	1847.50	3500.00	0.0	287.50	0.0	0.0	0.0	0.0	0.0
993.33	395.49	6816.67	3500.00	0.0	154.17	0.0	0.0	0.0	0.0	0.0
990.50	1964.64	6897.50	3500.00	0.0	220.00	0.0	0.0	0.0	0.0	0.0
987.00	4830.65	4291.67	2888.94	0.0	275.00	0.0	0.0	0.0	0.0	0.0
986.89	395.95	7086.11	3500.00	0.0	148.61	0.0	0.0	0.0	0.0	0.0
983.00	2678.75	7678.47	3500.00	0.0	75.00	0.0	0.0	0.0	0.0	0.0
982.00	3275.74	5140.44	3667.36	0.0	175.00	0.0	0.0	0.0	0.0	0.0
980.44	306.04	7355.56	3500.00	0.0	143.06	0.0	0.0	0.0	0.0	0.0
977.33	3587.47	4561.11	3500.00	0.0	275.00	0.0	0.0	0.0	0.0	0.0
974.60	5462.69	6170.00	3500.00	0.0	240.00	0.0	0.0	0.0	0.0	0.0
967.67	3425.73	4830.56	3500.00	0.0	275.00	0.0	0.0	0.0	0.0	0.0
959.00	1963.90	6655.00	3500.00	0.0	235.00	0.0	0.0	0.0	0.0	0.0
958.00	3531.09	5132.68	3256.03	0.0	275.00	0.0	0.0	0.0	0.0	0.0
957.00	3309.69	7658.73	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
956.00	2557.59	2625.00	3500.00	0.0	300.00	0.0	0.0	0.0	0.0	0.0
950.00	2377.91	1424.95	3500.00	0.0	300.00	0.0	0.0	0.0	0.0	0.0
948.40	7535.05	2090.00	3500.00	0.0	300.00	0.0	0.0	0.0	0.0	0.0
948.20	5966.56	5927.50	3500.00	0.0	255.00	0.0	0.0	0.0	0.0	0.0
948.00	2624.12	2625.00	3500.00	0.0	225.00	0.0	0.0	0.0	0.0	0.0
927.50	1915.74	6412.50	3500.00	0.0	250.00	0.0	0.0	0.0	0.0	0.0
925.00	3291.41	5140.48	3690.36	0.0	200.00	0.0	0.0	0.0	0.0	0.0
924.00	3313.88	7658.57	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
921.80	6480.60	5685.00	3500.00	0.0	270.00	0.0	0.0	0.0	0.0	0.0
916.33	296.40	2944.44	3500.00	0.0	262.50	0.0	0.0	0.0	0.0	0.0
906.67	384.93	3213.89	3500.00	0.0	262.50	0.0	0.0	0.0	0.0	0.0
906.60	314.14	7382.50	3500.00	0.0	177.50	0.0	0.0	0.0	0.0	0.0
902.70	8227.72	2332.50	3500.00	0.0	312.50	0.0	0.0	0.0	0.0	0.0
900.00	2379.97	1667.04	3500.00	0.0	312.50	0.0	0.0	0.0	0.0	0.0
897.00	384.93	3483.33	3500.00	0.0	262.50	0.0	0.0	0.0	0.0	0.0
896.00	1978.10	6170.00	3500.00	0.0	265.00	0.0	0.0	0.0	0.0	0.0
895.40	7001.71	5442.50	3500.00	0.0	285.00	0.0	0.0	0.0	0.0	0.0
887.33	495.40	3752.78	3500.00	0.0	262.50	0.0	0.0	0.0	0.0	0.0
883.00	2693.00	7677.79	3500.00	0.0	150.00	0.0	0.0	0.0	0.0	0.0
880.20	406.79	7140.00	3500.00	0.0	192.50	0.0	0.0	0.0	0.0	0.0
877.67	381.97	4022.22	3500.00	0.0	262.50	0.0	0.0	0.0	0.0	0.0
876.00	2958.32	2635.59	3235.26	0.0	250.00	0.0	0.0	0.0	0.0	0.0
869.00	4111.33	5151.21	3500.00	0.0	300.00	0.0	0.0	0.0	0.0	0.0
868.00	381.97	4291.67	3500.00	0.0	262.50	0.0	0.0	0.0	0.0	0.0
867.80	3290.36	4857.50	3500.00	0.0	302.50	0.0	0.0	0.0	0.0	0.0
866.60	3452.24	4615.00	3500.00	0.0	305.00	0.0	0.0	0.0	0.0	0.0
865.40	3622.17	4372.50	3500.00	0.0	307.50	0.0	0.0	0.0	0.0	0.0
864.50	1977.81	5927.50	3500.00	0.0	280.00	0.0	0.0	0.0	0.0	0.0
864.20	3838.44	4130.00	3467.48	0.0	310.00	0.0	0.0	0.0	0.0	0.0
863.00	3912.81	3887.50	3506.72	0.0	312.50	0.0	0.0	0.0	0.0	0.0
861.80	4108.33	3645.00	3539.48	0.0	315.00	0.0	0.0	0.0	0.0	0.0
861.00	2367.36	5150.00	3500.00	0.0	225.00	0.0	0.0	0.0	0.0	0.0
860.60	4168.02	3402.50	3500.00	0.0	317.50	0.0	0.0	0.0	0.0	0.0
859.40	4290.56	3160.00	3500.00	0.0	320.00	0.0	0.0	0.0	0.0	0.0
858.33	381.97	4561.11	3500.00	0.0	262.50	0.0	0.0	0.0	0.0	0.0
858.20	4422.92	2917.50	3500.00	0.0	322.50	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
857.00	4335.94	2623.97	3500.00	0.0	325.00	0.0	0.0	0.0	0.0	0.0
853.80	405.43	6897.50	3500.00	0.0	207.50	0.0	0.0	0.0	0.0	0.0
850.00	2382.06	1909.13	3500.00	0.0	325.00	0.0	0.0	0.0	0.0	0.0
848.67	293.43	4830.56	3500.00	0.0	262.50	0.0	0.0	0.0	0.0	0.0
835.00	8104.79	7676.16	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
833.00	1977.59	5685.00	3500.00	0.0	295.00	0.0	0.0	0.0	0.0	0.0
827.40	404.09	6655.00	3500.00	0.0	222.50	0.0	0.0	0.0	0.0	0.0
801.50	1977.45	5442.50	3500.00	0.0	310.00	0.0	0.0	0.0	0.0	0.0
801.00	514.69	6412.50	3500.00	0.0	237.50	0.0	0.0	0.0	0.0	0.0
800.00	2503.07	2113.77	3500.00	0.0	337.50	0.0	0.0	0.0	0.0	0.0
795.00	2981.51	2635.51	3211.05	0.0	275.00	0.0	0.0	0.0	0.0	0.0
789.00	2700.24	5138.40	3209.96	0.0	250.00	0.0	0.0	0.0	0.0	0.0
774.60	394.59	6170.00	3500.00	0.0	252.50	0.0	0.0	0.0	0.0	0.0
770.00	2962.44	5152.79	3500.00	0.0	325.00	0.0	0.0	0.0	0.0	0.0
768.00	1702.85	4857.50	3500.00	0.0	327.50	0.0	0.0	0.0	0.0	0.0
766.00	1702.83	4615.00	3500.00	0.0	330.00	0.0	0.0	0.0	0.0	0.0
764.00	1702.81	4372.50	3500.00	0.0	332.50	0.0	0.0	0.0	0.0	0.0
762.00	1702.80	4130.00	3500.00	0.0	335.00	0.0	0.0	0.0	0.0	0.0
760.00	1656.55	3887.50	3500.00	0.0	337.50	0.0	0.0	0.0	0.0	0.0
758.00	1706.19	3645.00	3500.00	0.0	340.00	0.0	0.0	0.0	0.0	0.0
756.00	1706.18	3402.50	3500.00	0.0	342.50	0.0	0.0	0.0	0.0	0.0
754.00	1706.18	3160.00	3500.00	0.0	345.00	0.0	0.0	0.0	0.0	0.0
752.00	1706.18	2917.50	3500.00	0.0	347.50	0.0	0.0	0.0	0.0	0.0
750.00	3511.55	2498.57	3500.00	0.0	350.00	0.0	0.0	0.0	0.0	0.0
748.20	393.58	5927.50	3500.00	0.0	267.50	0.0	0.0	0.0	0.0	0.0
721.80	392.60	5685.00	3500.00	0.0	282.50	0.0	0.0	0.0	0.0	0.0
708.00	2721.95	5138.49	3183.50	0.0	275.00	0.0	0.0	0.0	0.0	0.0
706.00	2694.12	2625.00	3500.00	0.0	300.00	0.0	0.0	0.0	0.0	0.0
700.00	430.45	1847.50	3500.00	0.0	300.00	0.0	0.0	0.0	0.0	0.0
695.40	297.62	5442.50	3500.00	0.0	297.50	0.0	0.0	0.0	0.0	0.0
667.80	275.68	4857.50	3500.00	0.0	315.00	0.0	0.0	0.0	0.0	0.0
666.60	355.57	4615.00	3500.00	0.0	317.50	0.0	0.0	0.0	0.0	0.0
665.40	355.41	4372.50	3500.00	0.0	320.00	0.0	0.0	0.0	0.0	0.0
664.20	355.25	4130.00	3500.00	0.0	322.50	0.0	0.0	0.0	0.0	0.0
663.00	459.02	3887.50	3500.00	0.0	325.00	0.0	0.0	0.0	0.0	0.0
661.80	354.99	3645.00	3500.00	0.0	327.50	0.0	0.0	0.0	0.0	0.0
660.60	354.84	3402.50	3500.00	0.0	330.00	0.0	0.0	0.0	0.0	0.0
659.40	354.68	3160.00	3500.00	0.0	332.50	0.0	0.0	0.0	0.0	0.0
658.20	274.48	2917.50	3500.00	0.0	335.00	0.0	0.0	0.0	0.0	0.0
650.00	431.88	2090.00	3500.00	0.0	312.50	0.0	0.0	0.0	0.0	0.0
619.00	2433.07	5150.00	3500.00	0.0	300.00	0.0	0.0	0.0	0.0	0.0
607.00	2722.79	2625.00	3500.00	0.0	325.00	0.0	0.0	0.0	0.0	0.0
600.00	342.23	2332.50	3500.00	0.0	325.00	0.0	0.0	0.0	0.0	0.0
520.00	5617.28	5150.00	3500.00	0.0	325.00	0.0	0.0	0.0	0.0	0.0
500.00	5714.60	2625.00	3500.00	0.0	350.00	0.0	0.0	0.0	0.0	0.0
Risulta	1.326e+06									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	0.508	1.967	0.084	1.231e+06	92.8	1.57	1.18e-04	15.24	1.15e-03	0.0	0.0
2	1.486	0.673	0.232	185.34	1.40e-02	3459.33	0.3	0.40	3.05e-05	0.0	0.0
3	1.783	0.561	0.266	23.14	1.75e-03	1.802e+05	13.6	482.77	3.64e-02	0.0	0.0
4	1.811	0.552	0.266	1914.81	0.1	2342.32	0.2	4.325e+04	3.3	0.0	0.0
5	1.855	0.539	0.266	2887.80	0.2	6.77	5.11e-04	4.969e+05	37.5	0.0	0.0
6	1.971	0.507	0.266	4103.67	0.3	14.93	1.13e-03	1.524e+05	11.5	0.0	0.0
7	2.088	0.479	0.266	3.95	2.98e-04	2195.82	0.2	195.89	1.48e-02	0.0	0.0
8	2.156	0.464	0.266	270.91	2.04e-02	3.00	2.27e-04	8.959e+04	6.8	0.0	0.0
9	2.193	0.456	0.266	6.87	5.18e-04	7260.46	0.5	308.62	2.33e-02	0.0	0.0
10	2.250	0.444	0.266	3909.51	0.3	1.456e+04	1.1	4.222e+04	3.2	0.0	0.0
11	2.263	0.442	0.266	851.31	6.42e-02	2.551e+04	1.9	3.284e+04	2.5	0.0	0.0
12	2.296	0.436	0.266	6915.45	0.5	1427.74	0.1	3.206e+04	2.4	0.0	0.0
13	2.379	0.420	0.266	6.00	4.52e-04	3999.50	0.3	28.93	2.18e-03	0.0	0.0
14	2.490	0.402	0.266	1.99	1.50e-04	242.38	1.83e-02	5.013e+04	3.8	0.0	0.0
15	2.510	0.398	0.266	9.35	7.06e-04	5181.39	0.4	2713.09	0.2	0.0	0.0
16	2.533	0.395	0.266	55.82	4.21e-03	145.34	1.10e-02	3.573e+04	2.7	0.0	0.0
17	2.560	0.391	0.266	27.93	2.11e-03	11.82	8.91e-04	7027.94	0.5	0.0	0.0
18	2.629	0.380	0.266	48.41	3.65e-03	42.42	3.20e-03	3562.78	0.3	0.0	0.0
19	2.674	0.374	0.266	0.62	4.71e-05	385.16	2.91e-02	90.39	6.82e-03	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
20	2.782	0.359	0.266	1678.91	0.1	11.53	8.70e-04	9.784e+04	7.4	0.0	0.0
Risulta				1.253e+06		2.470e+05		1.087e+06			
In percentuale				94.55		18.63		82.03			

CDC	Tipo	Sigla Id	Note
4	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	
			categoria suolo: C
			fattore di sito S = 1.076
			ordinata spettro (tratto Tb-Tc) = 0.266 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.560 sec.
			fattore di struttura q: 4.200
			fattore per spost. mu d: 4.351
			classe di duttilità CD: A
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1552.00	3460.79	-143.63	3500.00	33.50	0.0	0.0	0.0	0.0	0.0	0.0
1548.00	8175.39	-94.04	3500.00	33.25	0.0	0.0	0.0	0.0	0.0	0.0
1542.22	4538.53	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1537.00	8121.25	-89.79	3500.00	32.75	0.0	0.0	0.0	0.0	0.0	0.0
1536.44	4538.53	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1531.22	4545.55	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1530.67	4538.53	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1525.44	4545.55	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1524.89	4477.84	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1519.67	4545.55	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1519.11	4537.42	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1519.00	6500.12	-138.91	3500.00	32.00	0.0	0.0	0.0	0.0	0.0	0.0
1513.89	4485.92	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1513.33	4537.42	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1508.11	4544.49	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1507.56	4537.42	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1502.33	4544.49	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1501.78	4537.42	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1500.00	1310.85	2625.00	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1496.56	4544.49	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1496.00	5472.85	2625.01	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1493.00	7886.46	-71.25	3499.14	30.50	0.0	0.0	0.0	0.0	0.0	0.0
1490.78	4544.49	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1487.22	4556.30	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1486.33	4536.35	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1485.00	5476.33	2625.01	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1481.44	4556.30	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1476.67	4536.35	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1475.67	4556.30	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1475.33	4543.44	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1469.89	4556.30	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1467.00	6939.16	3186.12	3500.00	45.42	0.0	0.0	0.0	0.0	0.0	0.0
1465.67	4543.44	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1464.11	4493.40	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1460.00	7718.11	-59.06	3498.79	29.00	0.0	0.0	0.0	0.0	0.0	0.0
1458.33	4555.12	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1457.33	4476.35	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1456.00	4543.44	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1454.22	4577.88	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1452.56	4555.12	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1448.44	4577.88	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1447.67	4534.57	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1446.78	4555.12	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1446.33	4484.46	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1442.67	4577.88	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1441.00	5497.82	2624.99	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1438.00	4534.57	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1436.89	4577.88	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1436.67	4541.73	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1431.33	4547.48	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1431.11	4518.24	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1428.33	4534.57	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1427.00	4541.73	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1425.33	4576.81	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1421.67	4547.48	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1419.56	4576.81	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1419.00	5958.60	-93.08	3497.92	27.00	0.0	0.0	0.0	0.0	0.0	0.0
1418.67	4534.57	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1417.33	4541.73	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1413.78	4576.81	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1413.00	1182.15	5150.00	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1412.00	4547.48	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1409.00	5262.93	5150.03	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1408.00	5748.53	2624.99	3553.44	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1407.67	4541.73	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1402.33	4487.48	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1398.33	4569.66	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1398.00	5265.67	5150.03	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1392.67	9084.67	4745.30	3500.00	72.36	0.0	0.0	0.0	0.0	0.0	0.0
1388.67	4569.66	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1383.00	4545.70	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1381.67	4546.03	5469.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1380.00	2190.61	5150.00	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1379.00	4569.66	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1376.33	4538.97	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1373.33	4545.70	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1371.00	6892.19	-29.11	3577.13	24.25	0.0	0.0	0.0	0.0	0.0	0.0
1369.33	4512.62	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1367.00	2435.15	2625.00	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1365.33	4546.03	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1365.22	4597.18	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1363.67	4545.70	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1360.00	4538.97	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1359.67	4568.10	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1359.44	4597.18	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1354.00	5283.28	5150.04	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1353.67	4597.18	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1350.00	4568.10	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1349.00	4546.03	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1347.89	4597.18	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1343.67	4538.97	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1342.11	4531.73	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1340.33	4568.10	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1337.67	4550.10	5469.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1336.33	4595.94	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1332.67	4546.03	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1331.22	320.06	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1330.67	4568.10	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1330.56	4595.94	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1327.33	4478.32	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1325.44	408.56	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1324.78	4595.94	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1321.33	4550.10	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1321.00	5287.45	5150.03	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1319.67	408.56	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1319.00	5540.45	2624.97	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1316.33	4486.43	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1314.00	8014.05	9.99	3508.84	21.50	0.0	0.0	0.0	0.0	0.0	0.0
1313.89	526.72	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1311.00	4535.96	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1309.33	4580.87	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1308.22	2596.02	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1308.11	406.39	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1305.00	4550.10	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1304.67	4272.81	5469.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1302.44	3306.76	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1302.33	406.39	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1302.00	1167.69	95.34	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1300.00	4543.14	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1299.67	4580.87	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1298.00	3225.92	116.07	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1296.67	4017.50	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1296.56	406.39	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1294.67	4535.96	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1290.89	4728.24	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1290.78	317.89	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1290.00	4580.87	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1288.67	4550.10	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1288.33	3973.42	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1287.00	3230.09	116.11	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1286.33	314.44	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1285.11	5379.35	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1283.67	4543.14	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1280.33	4520.87	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1280.00	2220.06	5150.00	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1279.33	6148.66	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1278.33	4535.96	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1276.67	402.97	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1273.56	1.245e+04	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1272.33	4489.45	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1272.00	3674.02	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1270.67	4579.09	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1269.00	2608.71	96.02	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1268.30	2669.33	392.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1267.78	8161.18	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1267.33	4543.14	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1267.00	402.97	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1266.00	3278.01	7888.03	3500.00	30.25	0.0	0.0	0.0	0.0	0.0	0.0
1262.00	1.341e+04	5684.75	3500.00	282.75	0.0	0.0	0.0	0.0	0.0	0.0
1261.00	4579.09	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1257.33	518.47	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1256.00	4547.09	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1255.67	3374.63	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1254.22	326.70	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1252.33	4620.06	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1251.33	4579.09	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1251.00	8026.91	7831.72	3484.69	29.50	0.0	0.0	0.0	0.0	0.0	0.0
1250.00	3886.20	848.90	3493.94	133.75	0.0	0.0	0.0	0.0	0.0	0.0
1248.44	415.20	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1247.67	399.48	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1246.00	3784.17	2625.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1243.00	3190.63	118.09	3515.48	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1242.67	5035.25	3027.90	3500.00	112.78	0.0	0.0	0.0	0.0	0.0	0.0
1241.67	4579.09	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1239.67	4547.09	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1239.33	3017.62	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1238.00	399.48	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1236.89	415.20	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1235.00	3789.62	2625.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1233.00	1.078e+04	5996.89	3500.00	235.83	0.0	0.0	0.0	0.0	0.0	0.0
1232.00	5012.79	5146.97	3609.37	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1231.33	308.34	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1231.11	535.49	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1228.33	399.48	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1225.56	4312.07	5469.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1225.33	412.96	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1223.33	9112.02	5550.64	3500.00	180.14	0.0	0.0	0.0	0.0	0.0	0.0
1223.00	2773.20	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1222.60	3381.96	635.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1221.67	396.87	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1219.56	412.96	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1219.11	4012.50	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1218.67	310.94	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1217.00	2543.77	2625.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1213.78	324.45	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1213.67	4618.67	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1212.67	3712.94	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1212.00	396.87	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1210.00	3255.29	116.08	3496.46	10.00	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1207.00	7536.38	7818.61	3500.00	27.25	0.0	0.0	0.0	0.0	0.0	0.0
1206.67	2473.80	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1206.22	3839.10	6277.78	3669.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1204.00	4618.67	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1202.33	510.58	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200.00	1928.55	392.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1199.78	3346.44	6547.22	3627.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1198.00	2484.96	2625.00	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1194.33	4618.67	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1193.33	2819.44	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1192.67	709.33	4666.54	3500.00	72.36	0.0	0.0	0.0	0.0	0.0	0.0
1191.00	3806.09	2625.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1190.33	2174.41	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1186.89	2519.89	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1184.67	4618.67	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1183.00	393.53	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1180.44	2220.36	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1176.90	4094.63	877.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1176.33	404.44	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1175.00	5476.39	5151.40	3774.66	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1174.00	8253.30	7782.60	3500.00	25.25	0.0	0.0	0.0	0.0	0.0	0.0
1173.33	393.53	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1170.33	7166.52	5469.44	3563.77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1169.00	2636.80	96.28	3493.93	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1165.67	6411.46	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1163.67	304.99	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1163.00	1046.28	5150.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1161.00	5898.45	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1160.00	404.44	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1159.00	3535.16	5150.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1158.00	3816.55	2625.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1156.33	8128.25	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1151.67	4035.96	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1150.00	1929.06	635.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1148.00	3539.89	5150.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1147.00	3541.55	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1143.67	404.44	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1142.33	2995.33	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1137.67	2758.76	7143.85	3500.00	94.31	0.0	0.0	0.0	0.0	0.0	0.0
1133.00	7389.13	7778.75	3443.82	23.00	0.0	0.0	0.0	0.0	0.0	0.0
1131.20	4807.34	1120.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1130.00	2293.26	5150.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1127.33	518.79	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1126.00	3737.49	2641.46	3290.45	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1121.33	398.30	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1121.00	2958.40	107.50	3677.90	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1117.00	2575.91	2625.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1116.33	4638.49	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1111.00	2664.69	5399.27	3500.00	85.83	0.0	0.0	0.0	0.0	0.0	0.0
1109.33	302.10	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1108.22	334.19	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1106.67	4638.49	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1106.60	2541.58	7382.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1105.00	398.30	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1104.00	3554.65	5150.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1102.44	422.69	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100.00	1929.60	877.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1099.67	390.64	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1097.00	4638.49	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1096.67	422.69	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1094.67	398.54	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1090.89	422.69	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1090.00	390.64	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1088.67	398.30	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1087.33	4578.49	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1085.50	5440.27	1362.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1085.11	545.47	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1085.00	2593.88	7664.46	3313.28	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1080.33	502.60	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1080.20	3088.61	7140.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1079.33	420.38	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1078.33	309.90	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1077.67	4636.71	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1073.56	420.38	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1072.33	510.91	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1071.00	3564.23	5150.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1070.67	387.47	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1069.00	3843.40	2625.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1068.00	4636.71	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1067.78	331.88	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1064.00	3282.29	116.52	3491.76	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1061.00	387.47	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1058.33	4636.71	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1056.00	392.65	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1053.80	3635.68	6897.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1053.50	1966.33	7382.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1051.33	387.47	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1050.00	1930.18	1120.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1048.67	4636.71	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1045.00	3753.41	2641.30	3270.48	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1041.67	298.94	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1039.80	6208.85	1605.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1039.67	392.65	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1039.00	3514.69	5132.53	3277.17	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1035.33	4561.59	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1030.00	2322.55	5150.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1027.40	4182.79	6655.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1025.67	4429.39	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1025.56	979.08	5469.44	4752.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1023.33	304.00	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1022.00	1965.45	7140.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1019.11	396.04	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1016.00	6739.37	4240.96	3995.96	214.58	0.0	0.0	0.0	0.0	0.0	0.0
1012.67	396.48	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1012.00	7157.87	4944.08	3500.00	262.50	0.0	0.0	0.0	0.0	0.0	0.0
1006.33	4101.96	3752.78	3472.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1006.22	396.92	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1001.00	7959.34	6929.35	3500.00	68.13	0.0	0.0	0.0	0.0	0.0	0.0
1000.00	1.143e+04	315.05	3500.00	68.13	0.0	0.0	0.0	0.0	0.0	0.0
999.78	1227.19	6547.22	4431.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
996.67	4014.95	4022.22	3443.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
994.10	6921.67	1847.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
993.33	395.49	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
990.50	1964.64	6897.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
987.00	4830.65	4291.67	2888.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
986.89	395.95	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
983.00	2678.75	7678.47	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
982.00	3275.74	5140.44	3667.36	10.00	0.0	0.0	0.0	0.0	0.0	0.0
980.44	306.04	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
977.33	3587.47	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
974.60	5462.69	6170.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
967.67	3425.73	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
959.00	1963.90	6655.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
958.00	3531.09	5132.68	3256.03	5.00	0.0	0.0	0.0	0.0	0.0	0.0
957.00	3309.69	7658.73	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
956.00	2557.59	2625.00	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
950.00	2377.91	1424.95	3500.00	48.50	0.0	0.0	0.0	0.0	0.0	0.0
948.40	7535.05	2090.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
948.20	5966.56	5927.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
948.00	2624.12	2625.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
927.50	1915.74	6412.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
925.00	3291.41	5140.48	3690.36	10.00	0.0	0.0	0.0	0.0	0.0	0.0
924.00	3313.88	7658.57	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
921.80	6480.60	5685.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
916.33	296.40	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
906.67	384.93	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
906.60	314.14	7382.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
902.70	8227.72	2332.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900.00	2379.97	1667.04	3500.00	48.50	0.0	0.0	0.0	0.0	0.0	0.0
897.00	384.93	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
896.00	1978.10	6170.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
895.40	7001.71	5442.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
887.33	495.40	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
883.00	2693.00	7677.79	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
880.20	406.79	7140.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
877.67	381.97	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
876.00	2958.32	2635.59	3235.26	10.00	0.0	0.0	0.0	0.0	0.0	0.0
869.00	4111.33	5151.21	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
868.00	381.97	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
867.80	3290.36	4857.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
866.60	3452.24	4615.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
865.40	3622.17	4372.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
864.50	1977.81	5927.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
864.20	3838.44	4130.00	3467.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
863.00	3912.81	3887.50	3506.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
861.80	4108.33	3645.00	3539.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
861.00	2367.36	5150.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
860.60	4168.02	3402.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
859.40	4290.56	3160.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
858.33	381.97	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
858.20	4422.92	2917.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
857.00	4335.94	2623.97	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
853.80	405.43	6897.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
850.00	2382.06	1909.13	3500.00	48.50	0.0	0.0	0.0	0.0	0.0	0.0
848.67	293.43	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
835.00	8104.79	7676.16	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
833.00	1977.59	5685.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
827.40	404.09	6655.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
801.50	1977.45	5442.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
801.00	514.69	6412.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800.00	2503.07	2113.77	3500.00	48.50	0.0	0.0	0.0	0.0	0.0	0.0
795.00	2981.51	2635.51	3211.05	10.00	0.0	0.0	0.0	0.0	0.0	0.0
789.00	2700.24	5138.40	3209.96	10.00	0.0	0.0	0.0	0.0	0.0	0.0
774.60	394.59	6170.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
770.00	2962.44	5152.79	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
768.00	1702.85	4857.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
766.00	1702.83	4615.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
764.00	1702.81	4372.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
762.00	1702.80	4130.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
760.00	1656.55	3887.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
758.00	1706.19	3645.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
756.00	1706.18	3402.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
754.00	1706.18	3160.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
752.00	1706.18	2917.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.00	3511.55	2498.57	3500.00	53.50	0.0	0.0	0.0	0.0	0.0	0.0
748.20	393.58	5927.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
721.80	392.60	5685.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
708.00	2721.95	5138.49	3183.50	10.00	0.0	0.0	0.0	0.0	0.0	0.0
706.00	2694.12	2625.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
700.00	430.45	1847.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
695.40	297.62	5442.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
667.80	275.68	4857.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
666.60	355.57	4615.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
665.40	355.41	4372.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
664.20	355.25	4130.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
663.00	459.02	3887.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
661.80	354.99	3645.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
660.60	354.84	3402.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
659.40	354.68	3160.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
658.20	274.48	2917.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
650.00	431.88	2090.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
619.00	2433.07	5150.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
607.00	2722.79	2625.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
600.00	342.23	2332.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
520.00	5617.28	5150.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
500.00	5714.60	2625.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	1.326e+06									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	0.509	1.965	0.084	1.231e+06	92.8	0.74	5.56e-05	15.39	1.16e-03	0.0	0.0
2	1.479	0.676	0.231	24.57	1.85e-03	2946.03	0.2	4.82	3.64e-04	0.0	0.0
3	1.784	0.560	0.266	0.33	2.47e-05	1.817e+05	13.7	32.51	2.45e-03	0.0	0.0
4	1.812	0.552	0.266	1914.83	0.1	0.05	3.83e-06	4.511e+04	3.4	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
5	1.855	0.539	0.266	2882.36	0.2	4.35e-04	0.0	4.968e+05	37.5	0.0	0.0
6	1.972	0.507	0.266	4089.72	0.3	10.56	7.97e-04	1.519e+05	11.5	0.0	0.0
7	2.089	0.479	0.266	0.56	4.20e-05	2277.95	0.2	77.01	5.81e-03	0.0	0.0
8	2.156	0.464	0.266	261.93	1.98e-02	4.16	3.14e-04	8.940e+04	6.7	0.0	0.0
9	2.194	0.456	0.266	50.84	3.83e-03	6459.18	0.5	839.47	6.33e-02	0.0	0.0
10	2.255	0.443	0.266	3993.66	0.3	1.052e+04	0.8	5.338e+04	4.0	0.0	0.0
11	2.260	0.443	0.266	740.93	5.59e-02	3.175e+04	2.4	1.910e+04	1.4	0.0	0.0
12	2.296	0.436	0.266	6932.99	0.5	110.23	8.31e-03	3.377e+04	2.5	0.0	0.0
13	2.380	0.420	0.266	3.12	2.35e-04	3914.95	0.3	1.25	9.40e-05	0.0	0.0
14	2.491	0.401	0.266	2.19	1.65e-04	415.66	3.14e-02	4.942e+04	3.7	0.0	0.0
15	2.511	0.398	0.266	9.57	7.22e-04	4941.97	0.4	2510.99	0.2	0.0	0.0
16	2.533	0.395	0.266	55.75	4.21e-03	114.28	8.62e-03	3.739e+04	2.8	0.0	0.0
17	2.560	0.391	0.266	30.43	2.30e-03	7.67	5.79e-04	6297.61	0.5	0.0	0.0
18	2.629	0.380	0.266	51.18	3.86e-03	26.35	1.99e-03	3418.97	0.3	0.0	0.0
19	2.674	0.374	0.266	0.46	3.48e-05	365.78	2.76e-02	64.69	4.88e-03	0.0	0.0
20	2.782	0.359	0.266	1671.59	0.1	4.33	3.27e-04	9.794e+04	7.4	0.0	0.0
Risulta				1.253e+06		2.456e+05		1.087e+06			
In percentuale				94.55		18.52		82.03			

CDC	Tipo	Sigla Id	Note
5	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	
			categoria suolo: C
			fattore di sito S = 1.076
			ordinata spettro (tratto Tb-Tc) = 0.266 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.561 sec.
			fattore di struttura q: 4.200
			fattore per spost. mu d: 4.348
			classe di duttilità CD: A
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1552.00	3460.79	-143.63	3500.00	-33.50	0.0	0.0	0.0	0.0	0.0	0.0
1548.00	8175.39	-94.04	3500.00	-33.25	0.0	0.0	0.0	0.0	0.0	0.0
1542.22	4538.53	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1537.00	8121.25	-89.79	3500.00	-32.75	0.0	0.0	0.0	0.0	0.0	0.0
1536.44	4538.53	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1531.22	4545.55	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1530.67	4538.53	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1525.44	4545.55	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1524.89	4477.84	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1519.67	4545.55	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1519.11	4537.42	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1519.00	6500.12	-138.91	3500.00	-32.00	0.0	0.0	0.0	0.0	0.0	0.0
1513.89	4485.92	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1513.33	4537.42	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1508.11	4544.49	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1507.56	4537.42	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1502.33	4544.49	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1501.78	4537.42	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1500.00	1310.85	2625.00	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1496.56	4544.49	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1496.00	5472.85	2625.01	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1493.00	7886.46	-71.25	3499.14	-30.50	0.0	0.0	0.0	0.0	0.0	0.0
1490.78	4544.49	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1487.22	4556.30	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1486.33	4536.35	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1485.00	5476.33	2625.01	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1481.44	4556.30	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1476.67	4536.35	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1475.67	4556.30	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1475.33	4543.44	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1469.89	4556.30	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1467.00	6939.16	3186.12	3500.00	-45.42	0.0	0.0	0.0	0.0	0.0	0.0
1465.67	4543.44	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1464.11	4493.40	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1460.00	7718.11	-59.06	3498.79	-29.00	0.0	0.0	0.0	0.0	0.0	0.0
1458.33	4555.12	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1457.33	4476.35	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1456.00	4543.44	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1454.22	4577.88	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1452.56	4555.12	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1448.44	4577.88	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1447.67	4534.57	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1446.78	4555.12	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1446.33	4484.46	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1442.67	4577.88	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1441.00	5497.82	2624.99	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1438.00	4534.57	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1436.89	4577.88	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1436.67	4541.73	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1431.33	4547.48	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1431.11	4518.24	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1428.33	4534.57	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1427.00	4541.73	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1425.33	4576.81	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1421.67	4547.48	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1419.56	4576.81	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1419.00	5958.60	-93.08	3497.92	-27.00	0.0	0.0	0.0	0.0	0.0	0.0
1418.67	4534.57	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1417.33	4541.73	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1413.78	4576.81	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1413.00	1182.15	5150.00	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1412.00	4547.48	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1409.00	5262.93	5150.03	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1408.00	5748.53	2624.99	3553.44	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1407.67	4541.73	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1402.33	4487.48	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1398.33	4569.66	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1398.00	5265.67	5150.03	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1392.67	9084.67	4745.30	3500.00	-72.36	0.0	0.0	0.0	0.0	0.0	0.0
1388.67	4569.66	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1383.00	4545.70	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1381.67	4546.03	5469.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1380.00	2190.61	5150.00	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1379.00	4569.66	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1376.33	4538.97	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1373.33	4545.70	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1371.00	6892.19	-29.11	3577.13	-24.25	0.0	0.0	0.0	0.0	0.0	0.0
1369.33	4512.62	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1367.00	2435.15	2625.00	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1365.33	4546.03	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1365.22	4597.18	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1363.67	4545.70	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1360.00	4538.97	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1359.67	4568.10	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1359.44	4597.18	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1354.00	5283.28	5150.04	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1353.67	4597.18	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1350.00	4568.10	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1349.00	4546.03	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1347.89	4597.18	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1343.67	4538.97	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1342.11	4531.73	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1340.33	4568.10	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1337.67	4550.10	5469.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1336.33	4595.94	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1332.67	4546.03	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1331.22	320.06	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1330.67	4568.10	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1330.56	4595.94	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1327.33	4478.32	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1325.44	408.56	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1324.78	4595.94	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1321.33	4550.10	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1321.00	5287.45	5150.03	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1319.67	408.56	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1319.00	5540.45	2624.97	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1316.33	4486.43	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1314.00	8014.05	9.99	3508.84	-21.50	0.0	0.0	0.0	0.0	0.0	0.0
1313.89	526.72	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1311.00	4535.96	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1309.33	4580.87	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1308.22	2596.02	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1308.11	406.39	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1305.00	4550.10	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1304.67	4272.81	5469.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1302.44	3306.76	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1302.33	406.39	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1302.00	1167.69	95.34	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1300.00	4543.14	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1299.67	4580.87	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1298.00	3225.92	116.07	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1296.67	4017.50	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1296.56	406.39	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1294.67	4535.96	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1290.89	4728.24	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1290.78	317.89	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1290.00	4580.87	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1288.67	4550.10	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1288.33	3973.42	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1287.00	3230.09	116.11	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1286.33	314.44	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1285.11	5379.35	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1283.67	4543.14	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1280.33	4520.87	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1280.00	2220.06	5150.00	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1279.33	6148.66	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1278.33	4535.96	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1276.67	402.97	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1273.56	1.245e+04	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1272.33	4489.45	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1272.00	3674.02	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1270.67	4579.09	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1269.00	2608.71	96.02	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1268.30	2669.33	392.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1267.78	8161.18	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1267.33	4543.14	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1267.00	402.97	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1266.00	3278.01	7888.03	3500.00	-30.25	0.0	0.0	0.0	0.0	0.0	0.0
1262.00	1.341e+04	5684.75	3500.00	-282.75	0.0	0.0	0.0	0.0	0.0	0.0
1261.00	4579.09	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1257.33	518.47	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1256.00	4547.09	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1255.67	3374.63	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1254.22	326.70	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1252.33	4620.06	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1251.33	4579.09	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1251.00	8026.91	7831.72	3484.69	-29.50	0.0	0.0	0.0	0.0	0.0	0.0
1250.00	3886.20	848.90	3493.94	-133.75	0.0	0.0	0.0	0.0	0.0	0.0
1248.44	415.20	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1247.67	399.48	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1246.00	3784.17	2625.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1243.00	3190.63	118.09	3515.48	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1242.67	5035.25	3027.90	3500.00	-112.78	0.0	0.0	0.0	0.0	0.0	0.0
1241.67	4579.09	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1239.67	4547.09	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1239.33	3017.62	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1238.00	399.48	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1236.89	415.20	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1235.00	3789.62	2625.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1233.00	1.078e+04	5996.89	3500.00	-235.83	0.0	0.0	0.0	0.0	0.0	0.0
1232.00	5012.79	5146.97	3609.37	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1231.33	308.34	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1231.11	535.49	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1228.33	399.48	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1225.56	4312.07	5469.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1225.33	412.96	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1223.33	9112.02	5550.64	3500.00	-180.14	0.0	0.0	0.0	0.0	0.0	0.0
1223.00	2773.20	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1222.60	3381.96	635.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1221.67	396.87	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1219.56	412.96	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1219.11	4012.50	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1218.67	310.94	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1217.00	2543.77	2625.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1213.78	324.45	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1213.67	4618.67	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1212.67	3712.94	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1212.00	396.87	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1210.00	3255.29	116.08	3496.46	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1207.00	7536.38	7818.61	3500.00	-27.25	0.0	0.0	0.0	0.0	0.0	0.0
1206.67	2473.80	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1206.22	3839.10	6277.78	3669.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1204.00	4618.67	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1202.33	510.58	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200.00	1928.55	392.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1199.78	3346.44	6547.22	3627.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1198.00	2484.96	2625.00	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1194.33	4618.67	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1193.33	2819.44	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1192.67	709.33	4666.54	3500.00	-72.36	0.0	0.0	0.0	0.0	0.0	0.0
1191.00	3806.09	2625.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1190.33	2174.41	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1186.89	2519.89	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1184.67	4618.67	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1183.00	393.53	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1180.44	2220.36	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1176.90	4094.63	877.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1176.33	404.44	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1175.00	5476.39	5151.40	3774.66	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1174.00	8253.30	7782.60	3500.00	-25.25	0.0	0.0	0.0	0.0	0.0	0.0
1173.33	393.53	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1170.33	7166.52	5469.44	3563.77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1169.00	2636.80	96.28	3493.93	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1165.67	6411.46	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1163.67	304.99	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1163.00	1046.28	5150.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1161.00	5898.45	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1160.00	404.44	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1159.00	3535.16	5150.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1158.00	3816.55	2625.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1156.33	8128.25	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1151.67	4035.96	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1150.00	1929.06	635.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1148.00	3539.89	5150.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1147.00	3541.55	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1143.67	404.44	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1142.33	2995.33	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1137.67	2758.76	7143.85	3500.00	-94.31	0.0	0.0	0.0	0.0	0.0	0.0
1133.00	7389.13	7778.75	3443.82	-23.00	0.0	0.0	0.0	0.0	0.0	0.0
1131.20	4807.34	1120.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1130.00	2293.26	5150.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1127.33	518.79	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1126.00	3737.49	2641.46	3290.45	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1121.33	398.30	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1121.00	2958.40	107.50	3677.90	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1117.00	2575.91	2625.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1116.33	4638.49	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1111.00	2664.69	5399.27	3500.00	-85.83	0.0	0.0	0.0	0.0	0.0	0.0
1109.33	302.10	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1108.22	334.19	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1106.67	4638.49	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1106.60	2541.58	7382.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1105.00	398.30	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1104.00	3554.65	5150.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1102.44	422.69	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100.00	1929.60	877.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1099.67	390.64	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1097.00	4638.49	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1096.67	422.69	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1094.67	398.54	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1090.89	422.69	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1090.00	390.64	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1088.67	398.30	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1087.33	4578.49	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1085.50	5440.27	1362.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1085.11	545.47	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1085.00	2593.88	7664.46	3313.28	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1080.33	502.60	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1080.20	3088.61	7140.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1079.33	420.38	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1078.33	309.90	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1077.67	4636.71	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1073.56	420.38	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1072.33	510.91	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1071.00	3564.23	5150.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1070.67	387.47	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1069.00	3843.40	2625.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1068.00	4636.71	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1067.78	331.88	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1064.00	3282.29	116.52	3491.76	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1061.00	387.47	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1058.33	4636.71	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1056.00	392.65	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1053.80	3635.68	6897.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1053.50	1966.33	7382.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1051.33	387.47	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1050.00	1930.18	1120.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1048.67	4636.71	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1045.00	3753.41	2641.30	3270.48	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1041.67	298.94	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1039.80	6208.85	1605.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1039.67	392.65	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1039.00	3514.69	5132.53	3277.17	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1035.33	4561.59	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1030.00	2322.55	5150.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1027.40	4182.79	6655.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1025.67	4429.39	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1025.56	979.08	5469.44	4752.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1023.33	304.00	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1022.00	1965.45	7140.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1019.11	396.04	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1016.00	6739.37	4240.96	3995.96	-214.58	0.0	0.0	0.0	0.0	0.0	0.0
1012.67	396.48	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1012.00	7157.87	4944.08	3500.00	-262.50	0.0	0.0	0.0	0.0	0.0	0.0
1006.33	4101.96	3752.78	3472.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1006.22	396.92	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1001.00	7959.34	6929.35	3500.00	-68.13	0.0	0.0	0.0	0.0	0.0	0.0
1000.00	1.143e+04	315.05	3500.00	-68.13	0.0	0.0	0.0	0.0	0.0	0.0
999.78	1227.19	6547.22	4431.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
996.67	4014.95	4022.22	3443.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
994.10	6921.67	1847.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
993.33	395.49	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
990.50	1964.64	6897.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
987.00	4830.65	4291.67	2888.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
986.89	395.95	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
983.00	2678.75	7678.47	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
982.00	3275.74	5140.44	3667.36	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
980.44	306.04	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
977.33	3587.47	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
974.60	5462.69	6170.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
967.67	3425.73	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
959.00	1963.90	6655.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
958.00	3531.09	5132.68	3256.03	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
957.00	3309.69	7658.73	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
956.00	2557.59	2625.00	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
950.00	2377.91	1424.95	3500.00	-48.50	0.0	0.0	0.0	0.0	0.0	0.0
948.40	7535.05	2090.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
948.20	5966.56	5927.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
948.00	2624.12	2625.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
927.50	1915.74	6412.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
925.00	3291.41	5140.48	3690.36	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
924.00	3313.88	7658.57	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
921.80	6480.60	5685.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
916.33	296.40	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
906.67	384.93	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
906.60	314.14	7382.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
902.70	8227.72	2332.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900.00	2379.97	1667.04	3500.00	-48.50	0.0	0.0	0.0	0.0	0.0	0.0
897.00	384.93	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
896.00	1978.10	6170.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
895.40	7001.71	5442.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
887.33	495.40	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
883.00	2693.00	7677.79	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
880.20	406.79	7140.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
877.67	381.97	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
876.00	2958.32	2635.59	3235.26	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
869.00	4111.33	5151.21	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
868.00	381.97	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
867.80	3290.36	4857.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
866.60	3452.24	4615.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
865.40	3622.17	4372.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
864.50	1977.81	5927.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
864.20	3838.44	4130.00	3467.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
863.00	3912.81	3887.50	3506.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
861.80	4108.33	3645.00	3539.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
861.00	2367.36	5150.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
860.60	4168.02	3402.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
859.40	4290.56	3160.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
858.33	381.97	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
858.20	4422.92	2917.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
857.00	4335.94	2623.97	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
853.80	405.43	6897.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
850.00	2382.06	1909.13	3500.00	-48.50	0.0	0.0	0.0	0.0	0.0	0.0
848.67	293.43	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
835.00	8104.79	7676.16	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
833.00	1977.59	5685.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
827.40	404.09	6655.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
801.50	1977.45	5442.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
801.00	514.69	6412.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800.00	2503.07	2113.77	3500.00	-48.50	0.0	0.0	0.0	0.0	0.0	0.0
795.00	2981.51	2635.51	3211.05	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
789.00	2700.24	5138.40	3209.96	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
774.60	394.59	6170.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
770.00	2962.44	5152.79	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
768.00	1702.85	4857.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
766.00	1702.83	4615.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
764.00	1702.81	4372.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
762.00	1702.80	4130.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
760.00	1656.55	3887.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
758.00	1706.19	3645.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
756.00	1706.18	3402.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
754.00	1706.18	3160.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
752.00	1706.18	2917.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.00	3511.55	2498.57	3500.00	-53.50	0.0	0.0	0.0	0.0	0.0	0.0
748.20	393.58	5927.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
721.80	392.60	5685.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
708.00	2721.95	5138.49	3183.50	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
706.00	2694.12	2625.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
700.00	430.45	1847.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
695.40	297.62	5442.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
667.80	275.68	4857.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
666.60	355.57	4615.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
665.40	355.41	4372.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
664.20	355.25	4130.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
663.00	459.02	3887.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
661.80	354.99	3645.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
660.60	354.84	3402.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
659.40	354.68	3160.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
658.20	274.48	2917.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
650.00	431.88	2090.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
619.00	2433.07	5150.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
607.00	2722.79	2625.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
600.00	342.23	2332.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
520.00	5617.28	5150.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
500.00	5714.60	2625.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	1.326e+06									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	0.509	1.965	0.084	1.231e+06	92.8	0.76	5.70e-05	15.37	1.16e-03	0.0	0.0
2	1.479	0.676	0.231	24.66	1.86e-03	3839.38	0.3	4.93	3.72e-04	0.0	0.0
3	1.783	0.561	0.266	0.29	2.18e-05	1.835e+05	13.8	27.61	2.08e-03	0.0	0.0
4	1.811	0.552	0.266	1917.19	0.1	0.01	0.0	4.502e+04	3.4	0.0	0.0
5	1.855	0.539	0.266	2882.69	0.2	0.03	2.19e-06	4.967e+05	37.5	0.0	0.0
6	1.972	0.507	0.266	4071.13	0.3	11.12	8.39e-04	1.505e+05	11.4	0.0	0.0
7	2.087	0.479	0.266	0.81	6.12e-05	2170.79	0.2	83.20	6.28e-03	0.0	0.0
8	2.155	0.464	0.266	280.94	2.12e-02	4.84	3.65e-04	9.082e+04	6.9	0.0	0.0
9	2.193	0.456	0.266	50.24	3.79e-03	7237.37	0.5	854.47	6.45e-02	0.0	0.0
10	2.254	0.444	0.266	3949.06	0.3	1.008e+04	0.8	5.456e+04	4.1	0.0	0.0
11	2.259	0.443	0.266	699.27	5.27e-02	3.131e+04	2.4	1.888e+04	1.4	0.0	0.0
12	2.295	0.436	0.266	7012.62	0.5	105.35	7.95e-03	3.312e+04	2.5	0.0	0.0
13	2.379	0.420	0.266	3.24	2.44e-04	4013.29	0.3	1.94	1.46e-04	0.0	0.0
14	2.490	0.402	0.266	2.52	1.90e-04	404.88	3.05e-02	4.858e+04	3.7	0.0	0.0
15	2.511	0.398	0.266	9.47	7.14e-04	5141.79	0.4	2534.34	0.2	0.0	0.0
16	2.532	0.395	0.266	54.76	4.13e-03	122.15	9.21e-03	3.770e+04	2.8	0.0	0.0
17	2.559	0.391	0.266	28.59	2.16e-03	5.39	4.07e-04	6562.89	0.5	0.0	0.0
18	2.629	0.380	0.266	49.62	3.74e-03	30.14	2.27e-03	3681.82	0.3	0.0	0.0
19	2.673	0.374	0.266	0.23	1.76e-05	365.98	2.76e-02	54.91	4.14e-03	0.0	0.0
20	2.782	0.359	0.266	1685.39	0.1	5.92	4.46e-04	9.723e+04	7.3	0.0	0.0
Risulta				1.253e+06		2.483e+05		1.087e+06			
In percentuale				94.55		18.73		81.99			

CDC	Tipo	Sigla Id	Note
6	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	
			categoria suolo: C
			fattore di sito S = 1.461
			ordinata spettro (tratto Tb-Tc) = 0.582 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 1.965 sec.
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1552.00	3460.79	-143.63	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1548.00	8175.39	-94.04	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1542.22	4538.53	419.44	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1537.00	8121.25	-89.79	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1536.44	4538.53	688.89	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1531.22	4545.55	419.44	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1530.67	4538.53	958.33	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1525.44	4545.55	688.89	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1524.89	4477.84	1227.78	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1519.67	4545.55	958.33	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1519.11	4537.42	1497.22	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1519.00	6500.12	-138.91	3500.00	0.0	-75.00	0.0	0.0	0.0	0.0	0.0
1513.89	4485.92	1227.78	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1513.33	4537.42	1766.67	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1508.11	4544.49	1497.22	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1507.56	4537.42	2036.11	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1502.33	4544.49	1766.67	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1501.78	4537.42	2305.56	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1500.00	1310.85	2625.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1496.56	4544.49	2036.11	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1496.00	5472.85	2625.01	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1493.00	7886.46	-71.25	3499.14	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1490.78	4544.49	2305.56	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1487.22	4556.30	419.44	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1486.33	4536.35	2944.44	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1485.00	5476.33	2625.01	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1481.44	4556.30	688.89	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1476.67	4536.35	3213.89	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1475.67	4556.30	958.33	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1475.33	4543.44	2944.44	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1469.89	4556.30	1227.78	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1467.00	6939.16	3186.12	3500.00	0.0	-75.00	0.0	0.0	0.0	0.0	0.0
1465.67	4543.44	3213.89	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1464.11	4493.40	1497.22	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1460.00	7718.11	-59.06	3498.79	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1458.33	4555.12	1766.67	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1457.33	4476.35	3752.78	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1456.00	4543.44	3483.33	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1454.22	4577.88	419.44	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1452.56	4555.12	2036.11	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1448.44	4577.88	688.89	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1447.67	4534.57	4022.22	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1446.78	4555.12	2305.56	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1446.33	4484.46	3752.78	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1442.67	4577.88	958.33	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1441.00	5497.82	2624.99	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1438.00	4534.57	4291.67	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1436.89	4577.88	1227.78	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1436.67	4541.73	4022.22	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1431.33	4547.48	2944.44	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1431.11	4518.24	1497.22	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1428.33	4534.57	4561.11	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1427.00	4541.73	4291.67	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1425.33	4576.81	1766.67	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1421.67	4547.48	3213.89	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1419.56	4576.81	2036.11	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1419.00	5958.60	-93.08	3497.92	0.0	-150.00	0.0	0.0	0.0	0.0	0.0
1418.67	4534.57	4830.56	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1417.33	4541.73	4561.11	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1413.78	4576.81	2305.56	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1413.00	1182.15	5150.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1412.00	4547.48	3483.33	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1409.00	5262.93	5150.03	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1408.00	5748.53	2624.99	3553.44	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1407.67	4541.73	4830.56	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1402.33	4487.48	3752.78	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1398.33	4569.66	2944.44	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1398.00	5265.67	5150.03	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1392.67	9084.67	4745.30	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1388.67	4569.66	3213.89	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1383.00	4545.70	4291.67	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1381.67	4546.03	5469.44	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1380.00	2190.61	5150.00	3500.00	0.0	-75.00	0.0	0.0	0.0	0.0	0.0
1379.00	4569.66	3483.33	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1376.33	4538.97	5738.89	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1373.33	4545.70	4561.11	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1371.00	6892.19	-29.11	3577.13	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1369.33	4512.62	3752.78	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1367.00	2435.15	2625.00	3500.00	0.0	-150.00	0.0	0.0	0.0	0.0	0.0
1365.33	4546.03	5738.89	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1365.22	4597.18	419.44	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1363.67	4545.70	4830.56	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1360.00	4538.97	6008.33	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1359.67	4568.10	4022.22	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1359.44	4597.18	688.89	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1354.00	5283.28	5150.04	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1353.67	4597.18	958.33	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1350.00	4568.10	4291.67	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1349.00	4546.03	6008.33	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1347.89	4597.18	1227.78	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1343.67	4538.97	6277.78	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1342.11	4531.73	1497.22	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1340.33	4568.10	4561.11	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1337.67	4550.10	5469.44	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1336.33	4595.94	1766.67	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1332.67	4546.03	6277.78	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1331.22	320.06	419.44	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1330.67	4568.10	4830.56	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1330.56	4595.94	2036.11	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1327.33	4478.32	6547.22	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1325.44	408.56	688.89	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1324.78	4595.94	2305.56	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1321.33	4550.10	5738.89	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1321.00	5287.45	5150.03	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1319.67	408.56	958.33	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1319.00	5540.45	2624.97	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1316.33	4486.43	6547.22	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1314.00	8014.05	9.99	3508.84	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1313.89	526.72	1227.78	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1311.00	4535.96	6816.67	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1309.33	4580.87	2944.44	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1308.22	2596.02	419.44	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1308.11	406.39	1497.22	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1305.00	4550.10	6008.33	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1304.67	4272.81	5469.44	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1302.44	3306.76	688.89	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1302.33	406.39	1766.67	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1302.00	1167.69	95.34	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1300.00	4543.14	6816.67	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1299.67	4580.87	3213.89	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1298.00	3225.92	116.07	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1296.67	4017.50	958.33	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1296.56	406.39	2036.11	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1294.67	4535.96	7086.11	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1290.89	4728.24	1227.78	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1290.78	317.89	2305.56	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1290.00	4580.87	3483.33	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1288.67	4550.10	6277.78	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1288.33	3973.42	5738.89	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1287.00	3230.09	116.11	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1286.33	314.44	2944.44	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1285.11	5379.35	1497.22	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1283.67	4543.14	7086.11	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1280.33	4520.87	3752.78	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1280.00	2220.06	5150.00	3500.00	0.0	-150.00	0.0	0.0	0.0	0.0	0.0
1279.33	6148.66	1766.67	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1278.33	4535.96	7355.56	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1276.67	402.97	3213.89	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1273.56	1.245e+04	2036.11	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1272.33	4489.45	6547.22	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1272.00	3674.02	6008.33	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1270.67	4579.09	4022.22	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1269.00	2608.71	96.02	3500.00	0.0	-75.00	0.0	0.0	0.0	0.0	0.0
1268.30	2669.33	392.50	3500.00	0.0	-212.50	0.0	0.0	0.0	0.0	0.0
1267.78	8161.18	2305.56	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1267.33	4543.14	7355.56	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1267.00	402.97	3483.33	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1266.00	3278.01	7888.03	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1262.00	1.341e+04	5684.75	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1261.00	4579.09	4291.67	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1257.33	518.47	3752.78	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1256.00	4547.09	6816.67	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1255.67	3374.63	6277.78	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1254.22	326.70	419.44	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1252.33	4620.06	2944.44	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1251.33	4579.09	4561.11	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1251.00	8026.91	7831.72	3484.69	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1250.00	3886.20	848.90	3493.94	0.0	-225.00	0.0	0.0	0.0	0.0	0.0
1248.44	415.20	688.89	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1247.67	399.48	4022.22	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1246.00	3784.17	2625.00	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1243.00	3190.63	118.09	3515.48	0.0	-100.00	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1242.67	5035.25	3027.90	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1241.67	4579.09	4830.56	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1239.67	4547.09	7086.11	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1239.33	3017.62	6547.22	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1238.00	399.48	4291.67	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1236.89	415.20	1227.78	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1235.00	3789.62	2625.00	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1233.00	1.078e+04	5996.89	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1232.00	5012.79	5146.97	3609.37	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1231.33	308.34	2944.44	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1231.11	535.49	1497.22	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1228.33	399.48	4561.11	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1225.56	4312.07	5469.44	3500.00	0.0	-169.44	0.0	0.0	0.0	0.0	0.0
1225.33	412.96	1766.67	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1223.33	9112.02	5550.64	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1223.00	2773.20	6816.67	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1222.60	3381.96	635.00	3500.00	0.0	-225.00	0.0	0.0	0.0	0.0	0.0
1221.67	396.87	3213.89	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1219.56	412.96	2036.11	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1219.11	4012.50	5738.89	3500.00	0.0	-163.89	0.0	0.0	0.0	0.0	0.0
1218.67	310.94	4830.56	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1217.00	2543.77	2625.00	3500.00	0.0	-75.00	0.0	0.0	0.0	0.0	0.0
1213.78	324.45	2305.56	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1213.67	4618.67	4022.22	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1212.67	3712.94	6008.33	3500.00	0.0	-158.33	0.0	0.0	0.0	0.0	0.0
1212.00	396.87	3483.33	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1210.00	3255.29	116.08	3496.46	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1207.00	7536.38	7818.61	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1206.67	2473.80	7086.11	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1206.22	3839.10	6277.78	3669.42	0.0	-152.78	0.0	0.0	0.0	0.0	0.0
1204.00	4618.67	4291.67	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1202.33	510.58	3752.78	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1200.00	1928.55	392.50	3500.00	0.0	-237.50	0.0	0.0	0.0	0.0	0.0
1199.78	3346.44	6547.22	3627.49	0.0	-147.22	0.0	0.0	0.0	0.0	0.0
1198.00	2484.96	2625.00	3500.00	0.0	-225.00	0.0	0.0	0.0	0.0	0.0
1194.33	4618.67	4561.11	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1193.33	2819.44	6816.67	3500.00	0.0	-141.67	0.0	0.0	0.0	0.0	0.0
1192.67	709.33	4666.54	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1191.00	3806.09	2625.00	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1190.33	2174.41	7355.56	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1186.89	2519.89	7086.11	3500.00	0.0	-136.11	0.0	0.0	0.0	0.0	0.0
1184.67	4618.67	4830.56	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1183.00	393.53	4291.67	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1180.44	2220.36	7355.56	3500.00	0.0	-130.56	0.0	0.0	0.0	0.0	0.0
1176.90	4094.63	877.50	3500.00	0.0	-237.50	0.0	0.0	0.0	0.0	0.0
1176.33	404.44	5738.89	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1175.00	5476.39	5151.40	3774.66	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1174.00	8253.30	7782.60	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1173.33	393.53	4561.11	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1170.33	7166.52	5469.44	3563.77	0.0	-194.44	0.0	0.0	0.0	0.0	0.0
1169.00	2636.80	96.28	3493.93	0.0	-150.00	0.0	0.0	0.0	0.0	0.0
1165.67	6411.46	5738.89	3500.00	0.0	-188.89	0.0	0.0	0.0	0.0	0.0
1163.67	304.99	4830.56	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1163.00	1046.28	5150.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1161.00	5898.45	6008.33	3500.00	0.0	-183.33	0.0	0.0	0.0	0.0	0.0
1160.00	404.44	6008.33	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1159.00	3535.16	5150.00	3500.00	0.0	-25.00	0.0	0.0	0.0	0.0	0.0
1158.00	3816.55	2625.00	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1156.33	8128.25	6277.78	3500.00	0.0	-177.78	0.0	0.0	0.0	0.0	0.0
1151.67	4035.96	6547.22	3500.00	0.0	-172.22	0.0	0.0	0.0	0.0	0.0
1150.00	1929.06	635.00	3500.00	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
1148.00	3539.89	5150.00	3500.00	0.0	-50.00	0.0	0.0	0.0	0.0	0.0
1147.00	3541.55	6816.67	3500.00	0.0	-166.67	0.0	0.0	0.0	0.0	0.0
1143.67	404.44	6277.78	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1142.33	2995.33	7086.11	3500.00	0.0	-161.11	0.0	0.0	0.0	0.0	0.0
1137.67	2758.76	7143.85	3500.00	0.0	-155.56	0.0	0.0	0.0	0.0	0.0
1133.00	7389.13	7778.75	3443.82	0.0	-150.00	0.0	0.0	0.0	0.0	0.0
1131.20	4807.34	1120.00	3500.00	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
1130.00	2293.26	5150.00	3500.00	0.0	-75.00	0.0	0.0	0.0	0.0	0.0
1127.33	518.79	6547.22	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1126.00	3737.49	2641.46	3290.45	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
1121.33	398.30	5738.89	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1121.00	2958.40	107.50	3677.90	0.0	-175.00	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1117.00	2575.91	2625.00	3500.00	0.0	-150.00	0.0	0.0	0.0	0.0	0.0
1116.33	4638.49	2944.44	3500.00	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
1111.00	2664.69	5399.27	3500.00	0.0	-225.00	0.0	0.0	0.0	0.0	0.0
1109.33	302.10	2944.44	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1108.22	334.19	419.44	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1106.67	4638.49	3213.89	3500.00	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
1106.60	2541.58	7382.50	3500.00	0.0	-165.00	0.0	0.0	0.0	0.0	0.0
1105.00	398.30	6008.33	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1104.00	3554.65	5150.00	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
1102.44	422.69	688.89	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1100.00	1929.60	877.50	3500.00	0.0	-262.50	0.0	0.0	0.0	0.0	0.0
1099.67	390.64	3213.89	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1097.00	4638.49	3483.33	3500.00	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
1096.67	422.69	958.33	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1094.67	398.54	7086.11	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1090.89	422.69	1227.78	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1090.00	390.64	3483.33	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1088.67	398.30	6277.78	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1087.33	4578.49	3752.78	3500.00	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
1085.50	5440.27	1362.50	3500.00	0.0	-262.50	0.0	0.0	0.0	0.0	0.0
1085.11	545.47	1497.22	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1085.00	2593.88	7664.46	3313.28	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1080.33	502.60	3752.78	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1080.20	3088.61	7140.00	3500.00	0.0	-180.00	0.0	0.0	0.0	0.0	0.0
1079.33	420.38	1766.67	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1078.33	309.90	7355.56	3500.00	0.0	-37.50	0.0	0.0	0.0	0.0	0.0
1077.67	4636.71	4022.22	3500.00	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
1073.56	420.38	2036.11	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1072.33	510.91	6547.22	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1071.00	3564.23	5150.00	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
1070.67	387.47	4022.22	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1069.00	3843.40	2625.00	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
1068.00	4636.71	4291.67	3500.00	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
1067.78	331.88	2305.56	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1064.00	3282.29	116.52	3491.76	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1061.00	387.47	4291.67	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1058.33	4636.71	4561.11	3500.00	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
1056.00	392.65	6816.67	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1053.80	3635.68	6897.50	3500.00	0.0	-195.00	0.0	0.0	0.0	0.0	0.0
1053.50	1966.33	7382.50	3500.00	0.0	-190.00	0.0	0.0	0.0	0.0	0.0
1051.33	387.47	4561.11	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1050.00	1930.18	1120.00	3500.00	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
1048.67	4636.71	4830.56	3500.00	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
1045.00	3753.41	2641.30	3270.48	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
1041.67	298.94	4830.56	3500.00	0.0	-187.50	0.0	0.0	0.0	0.0	0.0
1039.80	6208.85	1605.00	3500.00	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
1039.67	392.65	7086.11	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1039.00	3514.69	5132.53	3277.17	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
1035.33	4561.59	2944.44	3500.00	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
1030.00	2322.55	5150.00	3500.00	0.0	-150.00	0.0	0.0	0.0	0.0	0.0
1027.40	4182.79	6655.00	3500.00	0.0	-210.00	0.0	0.0	0.0	0.0	0.0
1025.67	4429.39	3213.89	3500.00	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
1025.56	979.08	5469.44	4752.21	0.0	-181.94	0.0	0.0	0.0	0.0	0.0
1023.33	304.00	7355.56	3500.00	0.0	-112.50	0.0	0.0	0.0	0.0	0.0
1022.00	1965.45	7140.00	3500.00	0.0	-205.00	0.0	0.0	0.0	0.0	0.0
1019.11	396.04	5738.89	3500.00	0.0	-176.39	0.0	0.0	0.0	0.0	0.0
1016.00	6739.37	4240.96	3995.96	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
1012.67	396.48	6008.33	3500.00	0.0	-170.83	0.0	0.0	0.0	0.0	0.0
1012.00	7157.87	4944.08	3500.00	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
1006.33	4101.96	3752.78	3472.80	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
1006.22	396.92	6277.78	3500.00	0.0	-165.28	0.0	0.0	0.0	0.0	0.0
1001.00	7959.34	6929.35	3500.00	0.0	-225.00	0.0	0.0	0.0	0.0	0.0
1000.00	1.143e+04	315.05	3500.00	0.0	-287.50	0.0	0.0	0.0	0.0	0.0
999.78	1227.19	6547.22	4431.28	0.0	-159.72	0.0	0.0	0.0	0.0	0.0
996.67	4014.95	4022.22	3443.95	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
994.10	6921.67	1847.50	3500.00	0.0	-287.50	0.0	0.0	0.0	0.0	0.0
993.33	395.49	6816.67	3500.00	0.0	-154.17	0.0	0.0	0.0	0.0	0.0
990.50	1964.64	6897.50	3500.00	0.0	-220.00	0.0	0.0	0.0	0.0	0.0
987.00	4830.65	4291.67	2888.94	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
986.89	395.95	7086.11	3500.00	0.0	-148.61	0.0	0.0	0.0	0.0	0.0
983.00	2678.75	7678.47	3500.00	0.0	-75.00	0.0	0.0	0.0	0.0	0.0
982.00	3275.74	5140.44	3667.36	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
980.44	306.04	7355.56	3500.00	0.0	-143.06	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
977.33	3587.47	4561.11	3500.00	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
974.60	5462.69	6170.00	3500.00	0.0	-240.00	0.0	0.0	0.0	0.0	0.0
967.67	3425.73	4830.56	3500.00	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
959.00	1963.90	6655.00	3500.00	0.0	-235.00	0.0	0.0	0.0	0.0	0.0
958.00	3531.09	5132.68	3256.03	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
957.00	3309.69	7658.73	3500.00	0.0	-100.00	0.0	0.0	0.0	0.0	0.0
956.00	2557.59	2625.00	3500.00	0.0	-300.00	0.0	0.0	0.0	0.0	0.0
950.00	2377.91	1424.95	3500.00	0.0	-300.00	0.0	0.0	0.0	0.0	0.0
948.40	7535.05	2090.00	3500.00	0.0	-300.00	0.0	0.0	0.0	0.0	0.0
948.20	5966.56	5927.50	3500.00	0.0	-255.00	0.0	0.0	0.0	0.0	0.0
948.00	2624.12	2625.00	3500.00	0.0	-225.00	0.0	0.0	0.0	0.0	0.0
927.50	1915.74	6412.50	3500.00	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
925.00	3291.41	5140.48	3690.36	0.0	-200.00	0.0	0.0	0.0	0.0	0.0
924.00	3313.88	7658.57	3500.00	0.0	-125.00	0.0	0.0	0.0	0.0	0.0
921.80	6480.60	5685.00	3500.00	0.0	-270.00	0.0	0.0	0.0	0.0	0.0
916.33	296.40	2944.44	3500.00	0.0	-262.50	0.0	0.0	0.0	0.0	0.0
906.67	384.93	3213.89	3500.00	0.0	-262.50	0.0	0.0	0.0	0.0	0.0
906.60	314.14	7382.50	3500.00	0.0	-177.50	0.0	0.0	0.0	0.0	0.0
902.70	8227.72	2332.50	3500.00	0.0	-312.50	0.0	0.0	0.0	0.0	0.0
900.00	2379.97	1667.04	3500.00	0.0	-312.50	0.0	0.0	0.0	0.0	0.0
897.00	384.93	3483.33	3500.00	0.0	-262.50	0.0	0.0	0.0	0.0	0.0
896.00	1978.10	6170.00	3500.00	0.0	-265.00	0.0	0.0	0.0	0.0	0.0
895.40	7001.71	5442.50	3500.00	0.0	-285.00	0.0	0.0	0.0	0.0	0.0
887.33	495.40	3752.78	3500.00	0.0	-262.50	0.0	0.0	0.0	0.0	0.0
883.00	2693.00	7677.79	3500.00	0.0	-150.00	0.0	0.0	0.0	0.0	0.0
880.20	406.79	7140.00	3500.00	0.0	-192.50	0.0	0.0	0.0	0.0	0.0
877.67	381.97	4022.22	3500.00	0.0	-262.50	0.0	0.0	0.0	0.0	0.0
876.00	2958.32	2635.59	3235.26	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
869.00	4111.33	5151.21	3500.00	0.0	-300.00	0.0	0.0	0.0	0.0	0.0
868.00	381.97	4291.67	3500.00	0.0	-262.50	0.0	0.0	0.0	0.0	0.0
867.80	3290.36	4857.50	3500.00	0.0	-302.50	0.0	0.0	0.0	0.0	0.0
866.60	3452.24	4615.00	3500.00	0.0	-305.00	0.0	0.0	0.0	0.0	0.0
865.40	3622.17	4372.50	3500.00	0.0	-307.50	0.0	0.0	0.0	0.0	0.0
864.50	1977.81	5927.50	3500.00	0.0	-280.00	0.0	0.0	0.0	0.0	0.0
864.20	3838.44	4130.00	3467.48	0.0	-310.00	0.0	0.0	0.0	0.0	0.0
863.00	3912.81	3887.50	3506.72	0.0	-312.50	0.0	0.0	0.0	0.0	0.0
861.80	4108.33	3645.00	3539.48	0.0	-315.00	0.0	0.0	0.0	0.0	0.0
861.00	2367.36	5150.00	3500.00	0.0	-225.00	0.0	0.0	0.0	0.0	0.0
860.60	4168.02	3402.50	3500.00	0.0	-317.50	0.0	0.0	0.0	0.0	0.0
859.40	4290.56	3160.00	3500.00	0.0	-320.00	0.0	0.0	0.0	0.0	0.0
858.33	381.97	4561.11	3500.00	0.0	-262.50	0.0	0.0	0.0	0.0	0.0
858.20	4422.92	2917.50	3500.00	0.0	-322.50	0.0	0.0	0.0	0.0	0.0
857.00	4335.94	2623.97	3500.00	0.0	-325.00	0.0	0.0	0.0	0.0	0.0
853.80	405.43	6897.50	3500.00	0.0	-207.50	0.0	0.0	0.0	0.0	0.0
850.00	2382.06	1909.13	3500.00	0.0	-325.00	0.0	0.0	0.0	0.0	0.0
848.67	293.43	4830.56	3500.00	0.0	-262.50	0.0	0.0	0.0	0.0	0.0
835.00	8104.79	7676.16	3500.00	0.0	-175.00	0.0	0.0	0.0	0.0	0.0
833.00	1977.59	5685.00	3500.00	0.0	-295.00	0.0	0.0	0.0	0.0	0.0
827.40	404.09	6655.00	3500.00	0.0	-222.50	0.0	0.0	0.0	0.0	0.0
801.50	1977.45	5442.50	3500.00	0.0	-310.00	0.0	0.0	0.0	0.0	0.0
801.00	514.69	6412.50	3500.00	0.0	-237.50	0.0	0.0	0.0	0.0	0.0
800.00	2503.07	2113.77	3500.00	0.0	-337.50	0.0	0.0	0.0	0.0	0.0
795.00	2981.51	2635.51	3211.05	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
789.00	2700.24	5138.40	3209.96	0.0	-250.00	0.0	0.0	0.0	0.0	0.0
774.60	394.59	6170.00	3500.00	0.0	-252.50	0.0	0.0	0.0	0.0	0.0
770.00	2962.44	5152.79	3500.00	0.0	-325.00	0.0	0.0	0.0	0.0	0.0
768.00	1702.85	4857.50	3500.00	0.0	-327.50	0.0	0.0	0.0	0.0	0.0
766.00	1702.83	4615.00	3500.00	0.0	-330.00	0.0	0.0	0.0	0.0	0.0
764.00	1702.81	4372.50	3500.00	0.0	-332.50	0.0	0.0	0.0	0.0	0.0
762.00	1702.80	4130.00	3500.00	0.0	-335.00	0.0	0.0	0.0	0.0	0.0
760.00	1656.55	3887.50	3500.00	0.0	-337.50	0.0	0.0	0.0	0.0	0.0
758.00	1706.19	3645.00	3500.00	0.0	-340.00	0.0	0.0	0.0	0.0	0.0
756.00	1706.18	3402.50	3500.00	0.0	-342.50	0.0	0.0	0.0	0.0	0.0
754.00	1706.18	3160.00	3500.00	0.0	-345.00	0.0	0.0	0.0	0.0	0.0
752.00	1706.18	2917.50	3500.00	0.0	-347.50	0.0	0.0	0.0	0.0	0.0
750.00	3511.55	2498.57	3500.00	0.0	-350.00	0.0	0.0	0.0	0.0	0.0
748.20	393.58	5927.50	3500.00	0.0	-267.50	0.0	0.0	0.0	0.0	0.0
721.80	392.60	5685.00	3500.00	0.0	-282.50	0.0	0.0	0.0	0.0	0.0
708.00	2721.95	5138.49	3183.50	0.0	-275.00	0.0	0.0	0.0	0.0	0.0
706.00	2694.12	2625.00	3500.00	0.0	-300.00	0.0	0.0	0.0	0.0	0.0
700.00	430.45	1847.50	3500.00	0.0	-300.00	0.0	0.0	0.0	0.0	0.0
695.40	297.62	5442.50	3500.00	0.0	-297.50	0.0	0.0	0.0	0.0	0.0
667.80	275.68	4857.50	3500.00	0.0	-315.00	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
666.60	355.57	4615.00	3500.00	0.0	-317.50	0.0	0.0	0.0	0.0	0.0
665.40	355.41	4372.50	3500.00	0.0	-320.00	0.0	0.0	0.0	0.0	0.0
664.20	355.25	4130.00	3500.00	0.0	-322.50	0.0	0.0	0.0	0.0	0.0
663.00	459.02	3887.50	3500.00	0.0	-325.00	0.0	0.0	0.0	0.0	0.0
661.80	354.99	3645.00	3500.00	0.0	-327.50	0.0	0.0	0.0	0.0	0.0
660.60	354.84	3402.50	3500.00	0.0	-330.00	0.0	0.0	0.0	0.0	0.0
659.40	354.68	3160.00	3500.00	0.0	-332.50	0.0	0.0	0.0	0.0	0.0
658.20	274.48	2917.50	3500.00	0.0	-335.00	0.0	0.0	0.0	0.0	0.0
650.00	431.88	2090.00	3500.00	0.0	-312.50	0.0	0.0	0.0	0.0	0.0
619.00	2433.07	5150.00	3500.00	0.0	-300.00	0.0	0.0	0.0	0.0	0.0
607.00	2722.79	2625.00	3500.00	0.0	-325.00	0.0	0.0	0.0	0.0	0.0
600.00	342.23	2332.50	3500.00	0.0	-325.00	0.0	0.0	0.0	0.0	0.0
520.00	5617.28	5150.00	3500.00	0.0	-325.00	0.0	0.0	0.0	0.0	0.0
500.00	5714.60	2625.00	3500.00	0.0	-350.00	0.0	0.0	0.0	0.0	0.0
Risulta	1.326e+06									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	0.509	1.965	0.151	1.231e+06	92.8	0.22	1.69e-05	15.47	1.17e-03	0.0	0.0
2	1.485	0.673	0.441	14.37	1.08e-03	3478.41	0.3	14.74	1.11e-03	0.0	0.0
3	1.783	0.561	0.529	14.07	1.06e-03	1.801e+05	13.6	124.49	9.39e-03	0.0	0.0
4	1.811	0.552	0.538	1946.63	0.1	2343.95	0.2	4.346e+04	3.3	0.0	0.0
5	1.855	0.539	0.551	2876.00	0.2	5.57	4.20e-04	4.979e+05	37.6	0.0	0.0
6	1.972	0.507	0.582	4097.06	0.3	110.18	8.31e-03	1.514e+05	11.4	0.0	0.0
7	2.088	0.479	0.582	0.12	9.08e-06	2217.65	0.2	15.02	1.13e-03	0.0	0.0
8	2.155	0.464	0.582	275.72	2.08e-02	6.38	4.81e-04	9.037e+04	6.8	0.0	0.0
9	2.192	0.456	0.582	270.24	2.04e-02	6758.89	0.5	1555.94	0.1	0.0	0.0
10	2.255	0.444	0.582	3273.05	0.2	1.070e+04	0.8	5.020e+04	3.8	0.0	0.0
11	2.259	0.443	0.582	1257.15	9.48e-02	3.091e+04	2.3	2.125e+04	1.6	0.0	0.0
12	2.295	0.436	0.582	6911.55	0.5	289.90	2.19e-02	3.433e+04	2.6	0.0	0.0
13	2.379	0.420	0.582	1.21	9.14e-05	3945.66	0.3	7.98	6.02e-04	0.0	0.0
14	2.491	0.401	0.582	2.44	1.84e-04	611.85	4.62e-02	4.814e+04	3.6	0.0	0.0
15	2.511	0.398	0.582	9.34	7.05e-04	4894.06	0.4	2210.32	0.2	0.0	0.0
16	2.532	0.395	0.582	58.17	4.39e-03	88.11	6.65e-03	3.925e+04	3.0	0.0	0.0
17	2.559	0.391	0.582	29.55	2.23e-03	3.09	2.33e-04	5763.95	0.4	0.0	0.0
18	2.629	0.380	0.582	46.79	3.53e-03	13.70	1.03e-03	3600.23	0.3	0.0	0.0
19	2.674	0.374	0.582	2.06	1.55e-04	381.04	2.87e-02	35.54	2.68e-03	0.0	0.0
20	2.782	0.359	0.582	1651.37	0.1	0.04	2.89e-06	9.705e+04	7.3	0.0	0.0
Risulta				1.253e+06		2.469e+05		1.087e+06			
In percentuale				94.55		18.62		81.97			

CDC	Tipo	Sigla Id	Note
7	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	
			categoria suolo: C
			fattore di sito S = 1.461
			ordinata spettro (tratto Tb-Tc) = 0.582 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 1.967 sec.
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1552.00	3460.79	-143.63	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1548.00	8175.39	-94.04	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1542.22	4538.53	419.44	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1537.00	8121.25	-89.79	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1536.44	4538.53	688.89	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1531.22	4545.55	419.44	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1530.67	4538.53	958.33	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1525.44	4545.55	688.89	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1524.89	4477.84	1227.78	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1519.67	4545.55	958.33	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1519.11	4537.42	1497.22	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1519.00	6500.12	-138.91	3500.00	0.0	75.00	0.0	0.0	0.0	0.0	0.0
1513.89	4485.92	1227.78	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1513.33	4537.42	1766.67	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1508.11	4544.49	1497.22	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1507.56	4537.42	2036.11	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1502.33	4544.49	1766.67	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1501.78	4537.42	2305.56	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1500.00	1310.85	2625.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1496.56	4544.49	2036.11	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1496.00	5472.85	2625.01	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1493.00	7886.46	-71.25	3499.14	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1490.78	4544.49	2305.56	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1487.22	4556.30	419.44	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1486.33	4536.35	2944.44	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1485.00	5476.33	2625.01	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1481.44	4556.30	688.89	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1476.67	4536.35	3213.89	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1475.67	4556.30	958.33	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1475.33	4543.44	2944.44	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1469.89	4556.30	1227.78	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1467.00	6939.16	3186.12	3500.00	0.0	75.00	0.0	0.0	0.0	0.0	0.0
1465.67	4543.44	3213.89	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1464.11	4493.40	1497.22	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1460.00	7718.11	-59.06	3498.79	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1458.33	4555.12	1766.67	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1457.33	4476.35	3752.78	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1456.00	4543.44	3483.33	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1454.22	4577.88	419.44	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1452.56	4555.12	2036.11	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1448.44	4577.88	688.89	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1447.67	4534.57	4022.22	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1446.78	4555.12	2305.56	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1446.33	4484.46	3752.78	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1442.67	4577.88	958.33	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1441.00	5497.82	2624.99	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1438.00	4534.57	4291.67	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1436.89	4577.88	1227.78	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1436.67	4541.73	4022.22	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1431.33	4547.48	2944.44	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1431.11	4518.24	1497.22	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1428.33	4534.57	4561.11	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1427.00	4541.73	4291.67	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1425.33	4576.81	1766.67	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1421.67	4547.48	3213.89	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1419.56	4576.81	2036.11	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1419.00	5958.60	-93.08	3497.92	0.0	150.00	0.0	0.0	0.0	0.0	0.0
1418.67	4534.57	4830.56	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1417.33	4541.73	4561.11	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1413.78	4576.81	2305.56	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1413.00	1182.15	5150.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1412.00	4547.48	3483.33	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1409.00	5262.93	5150.03	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1408.00	5748.53	2624.99	3553.44	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1407.67	4541.73	4830.56	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1402.33	4487.48	3752.78	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1398.33	4569.66	2944.44	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1398.00	5265.67	5150.03	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1392.67	9084.67	4745.30	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1388.67	4569.66	3213.89	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1383.00	4545.70	4291.67	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1381.67	4546.03	5469.44	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1380.00	2190.61	5150.00	3500.00	0.0	75.00	0.0	0.0	0.0	0.0	0.0
1379.00	4569.66	3483.33	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1376.33	4538.97	5738.89	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1373.33	4545.70	4561.11	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1371.00	6892.19	-29.11	3577.13	0.0	175.00	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1369.33	4512.62	3752.78	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1367.00	2435.15	2625.00	3500.00	0.0	150.00	0.0	0.0	0.0	0.0	0.0
1365.33	4546.03	5738.89	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1365.22	4597.18	419.44	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1363.67	4545.70	4830.56	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1360.00	4538.97	6008.33	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1359.67	4568.10	4022.22	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1359.44	4597.18	688.89	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1354.00	5283.28	5150.04	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1353.67	4597.18	958.33	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1350.00	4568.10	4291.67	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1349.00	4546.03	6008.33	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1347.89	4597.18	1227.78	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1343.67	4538.97	6277.78	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1342.11	4531.73	1497.22	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1340.33	4568.10	4561.11	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1337.67	4550.10	5469.44	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1336.33	4595.94	1766.67	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1332.67	4546.03	6277.78	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1331.22	320.06	419.44	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1330.67	4568.10	4830.56	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1330.56	4595.94	2036.11	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1327.33	4478.32	6547.22	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1325.44	408.56	688.89	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1324.78	4595.94	2305.56	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1321.33	4550.10	5738.89	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1321.00	5287.45	5150.03	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1319.67	408.56	958.33	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1319.00	5540.45	2624.97	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1316.33	4486.43	6547.22	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1314.00	8014.05	9.99	3508.84	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1313.89	526.72	1227.78	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1311.00	4535.96	6816.67	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1309.33	4580.87	2944.44	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1308.22	2596.02	419.44	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1308.11	406.39	1497.22	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1305.00	4550.10	6008.33	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1304.67	4272.81	5469.44	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1302.44	3306.76	688.89	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1302.33	406.39	1766.67	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1302.00	1167.69	95.34	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1300.00	4543.14	6816.67	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1299.67	4580.87	3213.89	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1298.00	3225.92	116.07	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1296.67	4017.50	958.33	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1296.56	406.39	2036.11	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1294.67	4535.96	7086.11	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1290.89	4728.24	1227.78	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1290.78	317.89	2305.56	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1290.00	4580.87	3483.33	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1288.67	4550.10	6277.78	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1288.33	3973.42	5738.89	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1287.00	3230.09	116.11	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1286.33	314.44	2944.44	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1285.11	5379.35	1497.22	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1283.67	4543.14	7086.11	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1280.33	4520.87	3752.78	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1280.00	2220.06	5150.00	3500.00	0.0	150.00	0.0	0.0	0.0	0.0	0.0
1279.33	6148.66	1766.67	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1278.33	4535.96	7355.56	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1276.67	402.97	3213.89	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1273.56	1.245e+04	2036.11	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1272.33	4489.45	6547.22	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1272.00	3674.02	6008.33	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1270.67	4579.09	4022.22	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1269.00	2608.71	96.02	3500.00	0.0	75.00	0.0	0.0	0.0	0.0	0.0
1268.30	2669.33	392.50	3500.00	0.0	212.50	0.0	0.0	0.0	0.0	0.0
1267.78	8161.18	2305.56	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1267.33	4543.14	7355.56	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1267.00	402.97	3483.33	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1266.00	3278.01	7888.03	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1262.00	1.341e+04	5684.75	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1261.00	4579.09	4291.67	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1257.33	518.47	3752.78	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1256.00	4547.09	6816.67	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1255.67	3374.63	6277.78	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1254.22	326.70	419.44	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1252.33	4620.06	2944.44	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1251.33	4579.09	4561.11	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1251.00	8026.91	7831.72	3484.69	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1250.00	3886.20	848.90	3493.94	0.0	225.00	0.0	0.0	0.0	0.0	0.0
1248.44	415.20	688.89	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1247.67	399.48	4022.22	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1246.00	3784.17	2625.00	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1243.00	3190.63	118.09	3515.48	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1242.67	5035.25	3027.90	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1241.67	4579.09	4830.56	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1239.67	4547.09	7086.11	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1239.33	3017.62	6547.22	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1238.00	399.48	4291.67	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1236.89	415.20	1227.78	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1235.00	3789.62	2625.00	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1233.00	1.078e+04	5996.89	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1232.00	5012.79	5146.97	3609.37	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1231.33	308.34	2944.44	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1231.11	535.49	1497.22	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1228.33	399.48	4561.11	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1225.56	4312.07	5469.44	3500.00	0.0	169.44	0.0	0.0	0.0	0.0	0.0
1225.33	412.96	1766.67	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1223.33	9112.02	5550.64	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1223.00	2773.20	6816.67	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1222.60	3381.96	635.00	3500.00	0.0	225.00	0.0	0.0	0.0	0.0	0.0
1221.67	396.87	3213.89	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1219.56	412.96	2036.11	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1219.11	4012.50	5738.89	3500.00	0.0	163.89	0.0	0.0	0.0	0.0	0.0
1218.67	310.94	4830.56	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1217.00	2543.77	2625.00	3500.00	0.0	75.00	0.0	0.0	0.0	0.0	0.0
1213.78	324.45	2305.56	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1213.67	4618.67	4022.22	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1212.67	3712.94	6008.33	3500.00	0.0	158.33	0.0	0.0	0.0	0.0	0.0
1212.00	396.87	3483.33	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1210.00	3255.29	116.08	3496.46	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1207.00	7536.38	7818.61	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1206.67	2473.80	7086.11	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1206.22	3839.10	6277.78	3669.42	0.0	152.78	0.0	0.0	0.0	0.0	0.0
1204.00	4618.67	4291.67	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1202.33	510.58	3752.78	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1200.00	1928.55	392.50	3500.00	0.0	237.50	0.0	0.0	0.0	0.0	0.0
1199.78	3346.44	6547.22	3627.49	0.0	147.22	0.0	0.0	0.0	0.0	0.0
1198.00	2484.96	2625.00	3500.00	0.0	225.00	0.0	0.0	0.0	0.0	0.0
1194.33	4618.67	4561.11	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1193.33	2819.44	6816.67	3500.00	0.0	141.67	0.0	0.0	0.0	0.0	0.0
1192.67	709.33	4666.54	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1191.00	3806.09	2625.00	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1190.33	2174.41	7355.56	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1186.89	2519.89	7086.11	3500.00	0.0	136.11	0.0	0.0	0.0	0.0	0.0
1184.67	4618.67	4830.56	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1183.00	393.53	4291.67	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1180.44	2220.36	7355.56	3500.00	0.0	130.56	0.0	0.0	0.0	0.0	0.0
1176.90	4094.63	877.50	3500.00	0.0	237.50	0.0	0.0	0.0	0.0	0.0
1176.33	404.44	5738.89	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1175.00	5476.39	5151.40	3774.66	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1174.00	8253.30	7782.60	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1173.33	393.53	4561.11	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1170.33	7166.52	5469.44	3563.77	0.0	194.44	0.0	0.0	0.0	0.0	0.0
1169.00	2636.80	96.28	3493.93	0.0	150.00	0.0	0.0	0.0	0.0	0.0
1165.67	6411.46	5738.89	3500.00	0.0	188.89	0.0	0.0	0.0	0.0	0.0
1163.67	304.99	4830.56	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1163.00	1046.28	5150.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1161.00	5898.45	6008.33	3500.00	0.0	183.33	0.0	0.0	0.0	0.0	0.0
1160.00	404.44	6008.33	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1159.00	3535.16	5150.00	3500.00	0.0	25.00	0.0	0.0	0.0	0.0	0.0
1158.00	3816.55	2625.00	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1156.33	8128.25	6277.78	3500.00	0.0	177.78	0.0	0.0	0.0	0.0	0.0
1151.67	4035.96	6547.22	3500.00	0.0	172.22	0.0	0.0	0.0	0.0	0.0
1150.00	1929.06	635.00	3500.00	0.0	250.00	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1148.00	3539.89	5150.00	3500.00	0.0	50.00	0.0	0.0	0.0	0.0	0.0
1147.00	3541.55	6816.67	3500.00	0.0	166.67	0.0	0.0	0.0	0.0	0.0
1143.67	404.44	6277.78	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1142.33	2995.33	7086.11	3500.00	0.0	161.11	0.0	0.0	0.0	0.0	0.0
1137.67	2758.76	7143.85	3500.00	0.0	155.56	0.0	0.0	0.0	0.0	0.0
1133.00	7389.13	7778.75	3443.82	0.0	150.00	0.0	0.0	0.0	0.0	0.0
1131.20	4807.34	1120.00	3500.00	0.0	250.00	0.0	0.0	0.0	0.0	0.0
1130.00	2293.26	5150.00	3500.00	0.0	75.00	0.0	0.0	0.0	0.0	0.0
1127.33	518.79	6547.22	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1126.00	3737.49	2641.46	3290.45	0.0	250.00	0.0	0.0	0.0	0.0	0.0
1121.33	398.30	5738.89	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1121.00	2958.40	107.50	3677.90	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1117.00	2575.91	2625.00	3500.00	0.0	150.00	0.0	0.0	0.0	0.0	0.0
1116.33	4638.49	2944.44	3500.00	0.0	250.00	0.0	0.0	0.0	0.0	0.0
1111.00	2664.69	5399.27	3500.00	0.0	225.00	0.0	0.0	0.0	0.0	0.0
1109.33	302.10	2944.44	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1108.22	334.19	419.44	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1106.67	4638.49	3213.89	3500.00	0.0	250.00	0.0	0.0	0.0	0.0	0.0
1106.60	2541.58	7382.50	3500.00	0.0	165.00	0.0	0.0	0.0	0.0	0.0
1105.00	398.30	6008.33	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1104.00	3554.65	5150.00	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
1102.44	422.69	688.89	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1100.00	1929.60	877.50	3500.00	0.0	262.50	0.0	0.0	0.0	0.0	0.0
1099.67	390.64	3213.89	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1097.00	4638.49	3483.33	3500.00	0.0	250.00	0.0	0.0	0.0	0.0	0.0
1096.67	422.69	958.33	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1094.67	398.54	7086.11	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1090.89	422.69	1227.78	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1090.00	390.64	3483.33	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1088.67	398.30	6277.78	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1087.33	4578.49	3752.78	3500.00	0.0	250.00	0.0	0.0	0.0	0.0	0.0
1085.50	5440.27	1362.50	3500.00	0.0	262.50	0.0	0.0	0.0	0.0	0.0
1085.11	545.47	1497.22	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1085.00	2593.88	7664.46	3313.28	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1080.33	502.60	3752.78	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1080.20	3088.61	7140.00	3500.00	0.0	180.00	0.0	0.0	0.0	0.0	0.0
1079.33	420.38	1766.67	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1078.33	309.90	7355.56	3500.00	0.0	37.50	0.0	0.0	0.0	0.0	0.0
1077.67	4636.71	4022.22	3500.00	0.0	250.00	0.0	0.0	0.0	0.0	0.0
1073.56	420.38	2036.11	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1072.33	510.91	6547.22	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1071.00	3564.23	5150.00	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
1070.67	387.47	4022.22	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1069.00	3843.40	2625.00	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
1068.00	4636.71	4291.67	3500.00	0.0	250.00	0.0	0.0	0.0	0.0	0.0
1067.78	331.88	2305.56	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1064.00	3282.29	116.52	3491.76	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1061.00	387.47	4291.67	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1058.33	4636.71	4561.11	3500.00	0.0	250.00	0.0	0.0	0.0	0.0	0.0
1056.00	392.65	6816.67	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1053.80	3635.68	6897.50	3500.00	0.0	195.00	0.0	0.0	0.0	0.0	0.0
1053.50	1966.33	7382.50	3500.00	0.0	190.00	0.0	0.0	0.0	0.0	0.0
1051.33	387.47	4561.11	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1050.00	1930.18	1120.00	3500.00	0.0	275.00	0.0	0.0	0.0	0.0	0.0
1048.67	4636.71	4830.56	3500.00	0.0	250.00	0.0	0.0	0.0	0.0	0.0
1045.00	3753.41	2641.30	3270.48	0.0	275.00	0.0	0.0	0.0	0.0	0.0
1041.67	298.94	4830.56	3500.00	0.0	187.50	0.0	0.0	0.0	0.0	0.0
1039.80	6208.85	1605.00	3500.00	0.0	275.00	0.0	0.0	0.0	0.0	0.0
1039.67	392.65	7086.11	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1039.00	3514.69	5132.53	3277.17	0.0	250.00	0.0	0.0	0.0	0.0	0.0
1035.33	4561.59	2944.44	3500.00	0.0	275.00	0.0	0.0	0.0	0.0	0.0
1030.00	2322.55	5150.00	3500.00	0.0	150.00	0.0	0.0	0.0	0.0	0.0
1027.40	4182.79	6655.00	3500.00	0.0	210.00	0.0	0.0	0.0	0.0	0.0
1025.67	4429.39	3213.89	3500.00	0.0	275.00	0.0	0.0	0.0	0.0	0.0
1025.56	979.08	5469.44	4752.21	0.0	181.94	0.0	0.0	0.0	0.0	0.0
1023.33	304.00	7355.56	3500.00	0.0	112.50	0.0	0.0	0.0	0.0	0.0
1022.00	1965.45	7140.00	3500.00	0.0	205.00	0.0	0.0	0.0	0.0	0.0
1019.11	396.04	5738.89	3500.00	0.0	176.39	0.0	0.0	0.0	0.0	0.0
1016.00	6739.37	4240.96	3995.96	0.0	275.00	0.0	0.0	0.0	0.0	0.0
1012.67	396.48	6008.33	3500.00	0.0	170.83	0.0	0.0	0.0	0.0	0.0
1012.00	7157.87	4944.08	3500.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0
1006.33	4101.96	3752.78	3472.80	0.0	275.00	0.0	0.0	0.0	0.0	0.0
1006.22	396.92	6277.78	3500.00	0.0	165.28	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1001.00	7959.34	6929.35	3500.00	0.0	225.00	0.0	0.0	0.0	0.0	0.0
1000.00	1.143e+04	315.05	3500.00	0.0	287.50	0.0	0.0	0.0	0.0	0.0
999.78	1227.19	6547.22	4431.28	0.0	159.72	0.0	0.0	0.0	0.0	0.0
996.67	4014.95	4022.22	3443.95	0.0	275.00	0.0	0.0	0.0	0.0	0.0
994.10	6921.67	1847.50	3500.00	0.0	287.50	0.0	0.0	0.0	0.0	0.0
993.33	395.49	6816.67	3500.00	0.0	154.17	0.0	0.0	0.0	0.0	0.0
990.50	1964.64	6897.50	3500.00	0.0	220.00	0.0	0.0	0.0	0.0	0.0
987.00	4830.65	4291.67	2888.94	0.0	275.00	0.0	0.0	0.0	0.0	0.0
986.89	395.95	7086.11	3500.00	0.0	148.61	0.0	0.0	0.0	0.0	0.0
983.00	2678.75	7678.47	3500.00	0.0	75.00	0.0	0.0	0.0	0.0	0.0
982.00	3275.74	5140.44	3667.36	0.0	175.00	0.0	0.0	0.0	0.0	0.0
980.44	306.04	7355.56	3500.00	0.0	143.06	0.0	0.0	0.0	0.0	0.0
977.33	3587.47	4561.11	3500.00	0.0	275.00	0.0	0.0	0.0	0.0	0.0
974.60	5462.69	6170.00	3500.00	0.0	240.00	0.0	0.0	0.0	0.0	0.0
967.67	3425.73	4830.56	3500.00	0.0	275.00	0.0	0.0	0.0	0.0	0.0
959.00	1963.90	6655.00	3500.00	0.0	235.00	0.0	0.0	0.0	0.0	0.0
958.00	3531.09	5132.68	3256.03	0.0	275.00	0.0	0.0	0.0	0.0	0.0
957.00	3309.69	7658.73	3500.00	0.0	100.00	0.0	0.0	0.0	0.0	0.0
956.00	2557.59	2625.00	3500.00	0.0	300.00	0.0	0.0	0.0	0.0	0.0
950.00	2377.91	1424.95	3500.00	0.0	300.00	0.0	0.0	0.0	0.0	0.0
948.40	7535.05	2090.00	3500.00	0.0	300.00	0.0	0.0	0.0	0.0	0.0
948.20	5966.56	5927.50	3500.00	0.0	255.00	0.0	0.0	0.0	0.0	0.0
948.00	2624.12	2625.00	3500.00	0.0	225.00	0.0	0.0	0.0	0.0	0.0
927.50	1915.74	6412.50	3500.00	0.0	250.00	0.0	0.0	0.0	0.0	0.0
925.00	3291.41	5140.48	3690.36	0.0	200.00	0.0	0.0	0.0	0.0	0.0
924.00	3313.88	7658.57	3500.00	0.0	125.00	0.0	0.0	0.0	0.0	0.0
921.80	6480.60	5685.00	3500.00	0.0	270.00	0.0	0.0	0.0	0.0	0.0
916.33	296.40	2944.44	3500.00	0.0	262.50	0.0	0.0	0.0	0.0	0.0
906.67	384.93	3213.89	3500.00	0.0	262.50	0.0	0.0	0.0	0.0	0.0
906.60	314.14	7382.50	3500.00	0.0	177.50	0.0	0.0	0.0	0.0	0.0
902.70	8227.72	2332.50	3500.00	0.0	312.50	0.0	0.0	0.0	0.0	0.0
900.00	2379.97	1667.04	3500.00	0.0	312.50	0.0	0.0	0.0	0.0	0.0
897.00	384.93	3483.33	3500.00	0.0	262.50	0.0	0.0	0.0	0.0	0.0
896.00	1978.10	6170.00	3500.00	0.0	265.00	0.0	0.0	0.0	0.0	0.0
895.40	7001.71	5442.50	3500.00	0.0	285.00	0.0	0.0	0.0	0.0	0.0
887.33	495.40	3752.78	3500.00	0.0	262.50	0.0	0.0	0.0	0.0	0.0
883.00	2693.00	7677.79	3500.00	0.0	150.00	0.0	0.0	0.0	0.0	0.0
880.20	406.79	7140.00	3500.00	0.0	192.50	0.0	0.0	0.0	0.0	0.0
877.67	381.97	4022.22	3500.00	0.0	262.50	0.0	0.0	0.0	0.0	0.0
876.00	2958.32	2635.59	3235.26	0.0	250.00	0.0	0.0	0.0	0.0	0.0
869.00	4111.33	5151.21	3500.00	0.0	300.00	0.0	0.0	0.0	0.0	0.0
868.00	381.97	4291.67	3500.00	0.0	262.50	0.0	0.0	0.0	0.0	0.0
867.80	3290.36	4857.50	3500.00	0.0	302.50	0.0	0.0	0.0	0.0	0.0
866.60	3452.24	4615.00	3500.00	0.0	305.00	0.0	0.0	0.0	0.0	0.0
865.40	3622.17	4372.50	3500.00	0.0	307.50	0.0	0.0	0.0	0.0	0.0
864.50	1977.81	5927.50	3500.00	0.0	280.00	0.0	0.0	0.0	0.0	0.0
864.20	3838.44	4130.00	3467.48	0.0	310.00	0.0	0.0	0.0	0.0	0.0
863.00	3912.81	3887.50	3506.72	0.0	312.50	0.0	0.0	0.0	0.0	0.0
861.80	4108.33	3645.00	3539.48	0.0	315.00	0.0	0.0	0.0	0.0	0.0
861.00	2367.36	5150.00	3500.00	0.0	225.00	0.0	0.0	0.0	0.0	0.0
860.60	4168.02	3402.50	3500.00	0.0	317.50	0.0	0.0	0.0	0.0	0.0
859.40	4290.56	3160.00	3500.00	0.0	320.00	0.0	0.0	0.0	0.0	0.0
858.33	381.97	4561.11	3500.00	0.0	262.50	0.0	0.0	0.0	0.0	0.0
858.20	4422.92	2917.50	3500.00	0.0	322.50	0.0	0.0	0.0	0.0	0.0
857.00	4335.94	2623.97	3500.00	0.0	325.00	0.0	0.0	0.0	0.0	0.0
853.80	405.43	6897.50	3500.00	0.0	207.50	0.0	0.0	0.0	0.0	0.0
850.00	2382.06	1909.13	3500.00	0.0	325.00	0.0	0.0	0.0	0.0	0.0
848.67	293.43	4830.56	3500.00	0.0	262.50	0.0	0.0	0.0	0.0	0.0
835.00	8104.79	7676.16	3500.00	0.0	175.00	0.0	0.0	0.0	0.0	0.0
833.00	1977.59	5685.00	3500.00	0.0	295.00	0.0	0.0	0.0	0.0	0.0
827.40	404.09	6655.00	3500.00	0.0	222.50	0.0	0.0	0.0	0.0	0.0
801.50	1977.45	5442.50	3500.00	0.0	310.00	0.0	0.0	0.0	0.0	0.0
801.00	514.69	6412.50	3500.00	0.0	237.50	0.0	0.0	0.0	0.0	0.0
800.00	2503.07	2113.77	3500.00	0.0	337.50	0.0	0.0	0.0	0.0	0.0
795.00	2981.51	2635.51	3211.05	0.0	275.00	0.0	0.0	0.0	0.0	0.0
789.00	2700.24	5138.40	3209.96	0.0	250.00	0.0	0.0	0.0	0.0	0.0
774.60	394.59	6170.00	3500.00	0.0	252.50	0.0	0.0	0.0	0.0	0.0
770.00	2962.44	5152.79	3500.00	0.0	325.00	0.0	0.0	0.0	0.0	0.0
768.00	1702.85	4857.50	3500.00	0.0	327.50	0.0	0.0	0.0	0.0	0.0
766.00	1702.83	4615.00	3500.00	0.0	330.00	0.0	0.0	0.0	0.0	0.0
764.00	1702.81	4372.50	3500.00	0.0	332.50	0.0	0.0	0.0	0.0	0.0
762.00	1702.80	4130.00	3500.00	0.0	335.00	0.0	0.0	0.0	0.0	0.0
760.00	1656.55	3887.50	3500.00	0.0	337.50	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
758.00	1706.19	3645.00	3500.00	0.0	340.00	0.0	0.0	0.0	0.0	0.0
756.00	1706.18	3402.50	3500.00	0.0	342.50	0.0	0.0	0.0	0.0	0.0
754.00	1706.18	3160.00	3500.00	0.0	345.00	0.0	0.0	0.0	0.0	0.0
752.00	1706.18	2917.50	3500.00	0.0	347.50	0.0	0.0	0.0	0.0	0.0
750.00	3511.55	2498.57	3500.00	0.0	350.00	0.0	0.0	0.0	0.0	0.0
748.20	393.58	5927.50	3500.00	0.0	267.50	0.0	0.0	0.0	0.0	0.0
721.80	392.60	5685.00	3500.00	0.0	282.50	0.0	0.0	0.0	0.0	0.0
708.00	2721.95	5138.49	3183.50	0.0	275.00	0.0	0.0	0.0	0.0	0.0
706.00	2694.12	2625.00	3500.00	0.0	300.00	0.0	0.0	0.0	0.0	0.0
700.00	430.45	1847.50	3500.00	0.0	300.00	0.0	0.0	0.0	0.0	0.0
695.40	297.62	5442.50	3500.00	0.0	297.50	0.0	0.0	0.0	0.0	0.0
667.80	275.68	4857.50	3500.00	0.0	315.00	0.0	0.0	0.0	0.0	0.0
666.60	355.57	4615.00	3500.00	0.0	317.50	0.0	0.0	0.0	0.0	0.0
665.40	355.41	4372.50	3500.00	0.0	320.00	0.0	0.0	0.0	0.0	0.0
664.20	355.25	4130.00	3500.00	0.0	322.50	0.0	0.0	0.0	0.0	0.0
663.00	459.02	3887.50	3500.00	0.0	325.00	0.0	0.0	0.0	0.0	0.0
661.80	354.99	3645.00	3500.00	0.0	327.50	0.0	0.0	0.0	0.0	0.0
660.60	354.84	3402.50	3500.00	0.0	330.00	0.0	0.0	0.0	0.0	0.0
659.40	354.68	3160.00	3500.00	0.0	332.50	0.0	0.0	0.0	0.0	0.0
658.20	274.48	2917.50	3500.00	0.0	335.00	0.0	0.0	0.0	0.0	0.0
650.00	431.88	2090.00	3500.00	0.0	312.50	0.0	0.0	0.0	0.0	0.0
619.00	2433.07	5150.00	3500.00	0.0	300.00	0.0	0.0	0.0	0.0	0.0
607.00	2722.79	2625.00	3500.00	0.0	325.00	0.0	0.0	0.0	0.0	0.0
600.00	342.23	2332.50	3500.00	0.0	325.00	0.0	0.0	0.0	0.0	0.0
520.00	5617.28	5150.00	3500.00	0.0	325.00	0.0	0.0	0.0	0.0	0.0
500.00	5714.60	2625.00	3500.00	0.0	350.00	0.0	0.0	0.0	0.0	0.0
Risulta	1.326e+06									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	0.508	1.967	0.151	1.231e+06	92.8	1.57	1.18e-04	15.24	1.15e-03	0.0	0.0
2	1.486	0.673	0.441	185.34	1.40e-02	3459.33	0.3	0.40	3.05e-05	0.0	0.0
3	1.783	0.561	0.529	23.14	1.75e-03	1.802e+05	13.6	482.77	3.64e-02	0.0	0.0
4	1.811	0.552	0.538	1914.81	0.1	2342.32	0.2	4.325e+04	3.3	0.0	0.0
5	1.855	0.539	0.551	2887.80	0.2	6.77	5.11e-04	4.969e+05	37.5	0.0	0.0
6	1.971	0.507	0.582	4103.67	0.3	14.93	1.13e-03	1.524e+05	11.5	0.0	0.0
7	2.088	0.479	0.582	3.95	2.98e-04	2195.82	0.2	195.89	1.48e-02	0.0	0.0
8	2.156	0.464	0.582	270.91	2.04e-02	3.00	2.27e-04	8.959e+04	6.8	0.0	0.0
9	2.193	0.456	0.582	6.87	5.18e-04	7260.46	0.5	308.62	2.33e-02	0.0	0.0
10	2.250	0.444	0.582	3909.51	0.3	1.456e+04	1.1	4.222e+04	3.2	0.0	0.0
11	2.263	0.442	0.582	851.31	6.42e-02	2.551e+04	1.9	3.284e+04	2.5	0.0	0.0
12	2.296	0.436	0.582	6915.45	0.5	1427.74	0.1	3.206e+04	2.4	0.0	0.0
13	2.379	0.420	0.582	6.00	4.52e-04	3999.50	0.3	28.93	2.18e-03	0.0	0.0
14	2.490	0.402	0.582	1.99	1.50e-04	242.38	1.83e-02	5.013e+04	3.8	0.0	0.0
15	2.510	0.398	0.582	9.35	7.06e-04	5181.39	0.4	2713.09	0.2	0.0	0.0
16	2.533	0.395	0.582	55.82	4.21e-03	145.34	1.10e-02	3.573e+04	2.7	0.0	0.0
17	2.560	0.391	0.582	27.93	2.11e-03	11.82	8.91e-04	7027.94	0.5	0.0	0.0
18	2.629	0.380	0.582	48.41	3.65e-03	42.42	3.20e-03	3562.78	0.3	0.0	0.0
19	2.674	0.374	0.582	0.62	4.71e-05	385.16	2.91e-02	90.39	6.82e-03	0.0	0.0
20	2.782	0.359	0.582	1678.91	0.1	11.53	8.70e-04	9.784e+04	7.4	0.0	0.0
Risulta				1.253e+06		2.470e+05		1.087e+06			
In percentuale				94.55		18.63		82.03			

CDC	Tipo	Sigla Id	Note
8	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	
			categoria suolo: C
			fattore di sito S = 1.461
			ordinata spettro (tratto Tb-Tc) = 0.582 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.560 sec.
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1552.00	3460.79	-143.63	3500.00	33.50	0.0	0.0	0.0	0.0	0.0	0.0
1548.00	8175.39	-94.04	3500.00	33.25	0.0	0.0	0.0	0.0	0.0	0.0
1542.22	4538.53	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1537.00	8121.25	-89.79	3500.00	32.75	0.0	0.0	0.0	0.0	0.0	0.0
1536.44	4538.53	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1531.22	4545.55	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1530.67	4538.53	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1525.44	4545.55	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1524.89	4477.84	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1519.67	4545.55	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1519.11	4537.42	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1519.00	6500.12	-138.91	3500.00	32.00	0.0	0.0	0.0	0.0	0.0	0.0
1513.89	4485.92	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1513.33	4537.42	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1508.11	4544.49	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1507.56	4537.42	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1502.33	4544.49	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1501.78	4537.42	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1500.00	1310.85	2625.00	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1496.56	4544.49	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1496.00	5472.85	2625.01	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1493.00	7886.46	-71.25	3499.14	30.50	0.0	0.0	0.0	0.0	0.0	0.0
1490.78	4544.49	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1487.22	4556.30	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1486.33	4536.35	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1485.00	5476.33	2625.01	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1481.44	4556.30	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1476.67	4536.35	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1475.67	4556.30	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1475.33	4543.44	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1469.89	4556.30	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1467.00	6939.16	3186.12	3500.00	45.42	0.0	0.0	0.0	0.0	0.0	0.0
1465.67	4543.44	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1464.11	4493.40	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1460.00	7718.11	-59.06	3498.79	29.00	0.0	0.0	0.0	0.0	0.0	0.0
1458.33	4555.12	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1457.33	4476.35	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1456.00	4543.44	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1454.22	4577.88	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1452.56	4555.12	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1448.44	4577.88	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1447.67	4534.57	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1446.78	4555.12	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1446.33	4484.46	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1442.67	4577.88	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1441.00	5497.82	2624.99	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1438.00	4534.57	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1436.89	4577.88	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1436.67	4541.73	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1431.33	4547.48	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1431.11	4518.24	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1428.33	4534.57	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1427.00	4541.73	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1425.33	4576.81	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1421.67	4547.48	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1419.56	4576.81	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1419.00	5958.60	-93.08	3497.92	27.00	0.0	0.0	0.0	0.0	0.0	0.0
1418.67	4534.57	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1417.33	4541.73	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1413.78	4576.81	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1413.00	1182.15	5150.00	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1412.00	4547.48	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1409.00	5262.93	5150.03	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1408.00	5748.53	2624.99	3553.44	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1407.67	4541.73	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1402.33	4487.48	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1398.33	4569.66	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1398.00	5265.67	5150.03	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1392.67	9084.67	4745.30	3500.00	72.36	0.0	0.0	0.0	0.0	0.0	0.0
1388.67	4569.66	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1383.00	4545.70	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1381.67	4546.03	5469.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1380.00	2190.61	5150.00	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1379.00	4569.66	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1376.33	4538.97	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1373.33	4545.70	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1371.00	6892.19	-29.11	3577.13	24.25	0.0	0.0	0.0	0.0	0.0	0.0
1369.33	4512.62	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1367.00	2435.15	2625.00	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1365.33	4546.03	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1365.22	4597.18	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1363.67	4545.70	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1360.00	4538.97	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1359.67	4568.10	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1359.44	4597.18	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1354.00	5283.28	5150.04	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1353.67	4597.18	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1350.00	4568.10	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1349.00	4546.03	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1347.89	4597.18	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1343.67	4538.97	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1342.11	4531.73	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1340.33	4568.10	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1337.67	4550.10	5469.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1336.33	4595.94	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1332.67	4546.03	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1331.22	320.06	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1330.67	4568.10	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1330.56	4595.94	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1327.33	4478.32	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1325.44	408.56	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1324.78	4595.94	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1321.33	4550.10	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1321.00	5287.45	5150.03	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1319.67	408.56	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1319.00	5540.45	2624.97	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1316.33	4486.43	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1314.00	8014.05	9.99	3508.84	21.50	0.0	0.0	0.0	0.0	0.0	0.0
1313.89	526.72	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1311.00	4535.96	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1309.33	4580.87	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1308.22	2596.02	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1308.11	406.39	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1305.00	4550.10	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1304.67	4272.81	5469.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1302.44	3306.76	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1302.33	406.39	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1302.00	1167.69	95.34	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1300.00	4543.14	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1299.67	4580.87	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1298.00	3225.92	116.07	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1296.67	4017.50	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1296.56	406.39	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1294.67	4535.96	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1290.89	4728.24	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1290.78	317.89	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1290.00	4580.87	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1288.67	4550.10	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1288.33	3973.42	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1287.00	3230.09	116.11	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1286.33	314.44	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1285.11	5379.35	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1283.67	4543.14	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1280.33	4520.87	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1280.00	2220.06	5150.00	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1279.33	6148.66	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1278.33	4535.96	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1276.67	402.97	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1273.56	1.245e+04	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1272.33	4489.45	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1272.00	3674.02	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1270.67	4579.09	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1269.00	2608.71	96.02	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1268.30	2669.33	392.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1267.78	8161.18	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1267.33	4543.14	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1267.00	402.97	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1266.00	3278.01	7888.03	3500.00	30.25	0.0	0.0	0.0	0.0	0.0	0.0
1262.00	1.341e+04	5684.75	3500.00	282.75	0.0	0.0	0.0	0.0	0.0	0.0
1261.00	4579.09	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1257.33	518.47	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1256.00	4547.09	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1255.67	3374.63	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1254.22	326.70	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1252.33	4620.06	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1251.33	4579.09	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1251.00	8026.91	7831.72	3484.69	29.50	0.0	0.0	0.0	0.0	0.0	0.0
1250.00	3886.20	848.90	3493.94	133.75	0.0	0.0	0.0	0.0	0.0	0.0
1248.44	415.20	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1247.67	399.48	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1246.00	3784.17	2625.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1243.00	3190.63	118.09	3515.48	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1242.67	5035.25	3027.90	3500.00	112.78	0.0	0.0	0.0	0.0	0.0	0.0
1241.67	4579.09	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1239.67	4547.09	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1239.33	3017.62	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1238.00	399.48	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1236.89	415.20	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1235.00	3789.62	2625.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1233.00	1.078e+04	5996.89	3500.00	235.83	0.0	0.0	0.0	0.0	0.0	0.0
1232.00	5012.79	5146.97	3609.37	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1231.33	308.34	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1231.11	535.49	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1228.33	399.48	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1225.56	4312.07	5469.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1225.33	412.96	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1223.33	9112.02	5550.64	3500.00	180.14	0.0	0.0	0.0	0.0	0.0	0.0
1223.00	2773.20	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1222.60	3381.96	635.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1221.67	396.87	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1219.56	412.96	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1219.11	4012.50	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1218.67	310.94	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1217.00	2543.77	2625.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1213.78	324.45	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1213.67	4618.67	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1212.67	3712.94	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1212.00	396.87	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1210.00	3255.29	116.08	3496.46	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1207.00	7536.38	7818.61	3500.00	27.25	0.0	0.0	0.0	0.0	0.0	0.0
1206.67	2473.80	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1206.22	3839.10	6277.78	3669.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1204.00	4618.67	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1202.33	510.58	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200.00	1928.55	392.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1199.78	3346.44	6547.22	3627.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1198.00	2484.96	2625.00	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1194.33	4618.67	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1193.33	2819.44	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1192.67	709.33	4666.54	3500.00	72.36	0.0	0.0	0.0	0.0	0.0	0.0
1191.00	3806.09	2625.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1190.33	2174.41	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1186.89	2519.89	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1184.67	4618.67	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1183.00	393.53	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1180.44	2220.36	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1176.90	4094.63	877.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1176.33	404.44	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1175.00	5476.39	5151.40	3774.66	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1174.00	8253.30	7782.60	3500.00	25.25	0.0	0.0	0.0	0.0	0.0	0.0
1173.33	393.53	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1170.33	7166.52	5469.44	3563.77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1169.00	2636.80	96.28	3493.93	10.00	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1165.67	6411.46	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1163.67	304.99	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1163.00	1046.28	5150.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1161.00	5898.45	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1160.00	404.44	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1159.00	3535.16	5150.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1158.00	3816.55	2625.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1156.33	8128.25	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1151.67	4035.96	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1150.00	1929.06	635.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1148.00	3539.89	5150.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1147.00	3541.55	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1143.67	404.44	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1142.33	2995.33	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1137.67	2758.76	7143.85	3500.00	94.31	0.0	0.0	0.0	0.0	0.0	0.0
1133.00	7389.13	7778.75	3443.82	23.00	0.0	0.0	0.0	0.0	0.0	0.0
1131.20	4807.34	1120.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1130.00	2293.26	5150.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1127.33	518.79	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1126.00	3737.49	2641.46	3290.45	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1121.33	398.30	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1121.00	2958.40	107.50	3677.90	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1117.00	2575.91	2625.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1116.33	4638.49	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1111.00	2664.69	5399.27	3500.00	85.83	0.0	0.0	0.0	0.0	0.0	0.0
1109.33	302.10	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1108.22	334.19	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1106.67	4638.49	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1106.60	2541.58	7382.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1105.00	398.30	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1104.00	3554.65	5150.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1102.44	422.69	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100.00	1929.60	877.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1099.67	390.64	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1097.00	4638.49	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1096.67	422.69	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1094.67	398.54	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1090.89	422.69	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1090.00	390.64	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1088.67	398.30	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1087.33	4578.49	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1085.50	5440.27	1362.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1085.11	545.47	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1085.00	2593.88	7664.46	3313.28	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1080.33	502.60	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1080.20	3088.61	7140.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1079.33	420.38	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1078.33	309.90	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1077.67	4636.71	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1073.56	420.38	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1072.33	510.91	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1071.00	3564.23	5150.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1070.67	387.47	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1069.00	3843.40	2625.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1068.00	4636.71	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1067.78	331.88	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1064.00	3282.29	116.52	3491.76	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1061.00	387.47	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1058.33	4636.71	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1056.00	392.65	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1053.80	3635.68	6897.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1053.50	1966.33	7382.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1051.33	387.47	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1050.00	1930.18	1120.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1048.67	4636.71	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1045.00	3753.41	2641.30	3270.48	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1041.67	298.94	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1039.80	6208.85	1605.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1039.67	392.65	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1039.00	3514.69	5132.53	3277.17	5.00	0.0	0.0	0.0	0.0	0.0	0.0
1035.33	4561.59	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1030.00	2322.55	5150.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
1027.40	4182.79	6655.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1025.67	4429.39	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1025.56	979.08	5469.44	4752.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1023.33	304.00	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1022.00	1965.45	7140.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1019.11	396.04	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1016.00	6739.37	4240.96	3995.96	214.58	0.0	0.0	0.0	0.0	0.0	0.0
1012.67	396.48	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1012.00	7157.87	4944.08	3500.00	262.50	0.0	0.0	0.0	0.0	0.0	0.0
1006.33	4101.96	3752.78	3472.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1006.22	396.92	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1001.00	7959.34	6929.35	3500.00	68.13	0.0	0.0	0.0	0.0	0.0	0.0
1000.00	1.143e+04	315.05	3500.00	68.13	0.0	0.0	0.0	0.0	0.0	0.0
999.78	1227.19	6547.22	4431.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
996.67	4014.95	4022.22	3443.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
994.10	6921.67	1847.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
993.33	395.49	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
990.50	1964.64	6897.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
987.00	4830.65	4291.67	2888.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
986.89	395.95	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
983.00	2678.75	7678.47	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
982.00	3275.74	5140.44	3667.36	10.00	0.0	0.0	0.0	0.0	0.0	0.0
980.44	306.04	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
977.33	3587.47	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
974.60	5462.69	6170.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
967.67	3425.73	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
959.00	1963.90	6655.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
958.00	3531.09	5132.68	3256.03	5.00	0.0	0.0	0.0	0.0	0.0	0.0
957.00	3309.69	7658.73	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
956.00	2557.59	2625.00	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
950.00	2377.91	1424.95	3500.00	48.50	0.0	0.0	0.0	0.0	0.0	0.0
948.40	7535.05	2090.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
948.20	5966.56	5927.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
948.00	2624.12	2625.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
927.50	1915.74	6412.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
925.00	3291.41	5140.48	3690.36	10.00	0.0	0.0	0.0	0.0	0.0	0.0
924.00	3313.88	7658.57	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
921.80	6480.60	5685.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
916.33	296.40	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
906.67	384.93	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
906.60	314.14	7382.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
902.70	8227.72	2332.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900.00	2379.97	1667.04	3500.00	48.50	0.0	0.0	0.0	0.0	0.0	0.0
897.00	384.93	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
896.00	1978.10	6170.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
895.40	7001.71	5442.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
887.33	495.40	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
883.00	2693.00	7677.79	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
880.20	406.79	7140.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
877.67	381.97	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
876.00	2958.32	2635.59	3235.26	10.00	0.0	0.0	0.0	0.0	0.0	0.0
869.00	4111.33	5151.21	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
868.00	381.97	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
867.80	3290.36	4857.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
866.60	3452.24	4615.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
865.40	3622.17	4372.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
864.50	1977.81	5927.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
864.20	3838.44	4130.00	3467.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
863.00	3912.81	3887.50	3506.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
861.80	4108.33	3645.00	3539.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
861.00	2367.36	5150.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
860.60	4168.02	3402.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
859.40	4290.56	3160.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
858.33	381.97	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
858.20	4422.92	2917.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
857.00	4335.94	2623.97	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
853.80	405.43	6897.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
850.00	2382.06	1909.13	3500.00	48.50	0.0	0.0	0.0	0.0	0.0	0.0
848.67	293.43	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
835.00	8104.79	7676.16	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
833.00	1977.59	5685.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
827.40	404.09	6655.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
801.50	1977.45	5442.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
801.00	514.69	6412.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
800.00	2503.07	2113.77	3500.00	48.50	0.0	0.0	0.0	0.0	0.0	0.0
795.00	2981.51	2635.51	3211.05	10.00	0.0	0.0	0.0	0.0	0.0	0.0
789.00	2700.24	5138.40	3209.96	10.00	0.0	0.0	0.0	0.0	0.0	0.0
774.60	394.59	6170.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
770.00	2962.44	5152.79	3500.00	5.00	0.0	0.0	0.0	0.0	0.0	0.0
768.00	1702.85	4857.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
766.00	1702.83	4615.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
764.00	1702.81	4372.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
762.00	1702.80	4130.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
760.00	1656.55	3887.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
758.00	1706.19	3645.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
756.00	1706.18	3402.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
754.00	1706.18	3160.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
752.00	1706.18	2917.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.00	3511.55	2498.57	3500.00	53.50	0.0	0.0	0.0	0.0	0.0	0.0
748.20	393.58	5927.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
721.80	392.60	5685.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
708.00	2721.95	5138.49	3183.50	10.00	0.0	0.0	0.0	0.0	0.0	0.0
706.00	2694.12	2625.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
700.00	430.45	1847.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
695.40	297.62	5442.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
667.80	275.68	4857.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
666.60	355.57	4615.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
665.40	355.41	4372.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
664.20	355.25	4130.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
663.00	459.02	3887.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
661.80	354.99	3645.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
660.60	354.84	3402.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
659.40	354.68	3160.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
658.20	274.48	2917.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
650.00	431.88	2090.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
619.00	2433.07	5150.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
607.00	2722.79	2625.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
600.00	342.23	2332.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
520.00	5617.28	5150.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
500.00	5714.60	2625.00	3500.00	10.00	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	1.326e+06									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	0.509	1.965	0.151	1.231e+06	92.8	0.74	5.56e-05	15.39	1.16e-03	0.0	0.0
2	1.479	0.676	0.439	24.57	1.85e-03	2946.03	0.2	4.82	3.64e-04	0.0	0.0
3	1.784	0.560	0.530	0.33	2.47e-05	1.817e+05	13.7	32.51	2.45e-03	0.0	0.0
4	1.812	0.552	0.538	1914.83	0.1	0.05	3.83e-06	4.511e+04	3.4	0.0	0.0
5	1.855	0.539	0.551	2882.36	0.2	4.35e-04	0.0	4.968e+05	37.5	0.0	0.0
6	1.972	0.507	0.582	4089.72	0.3	10.56	7.97e-04	1.519e+05	11.5	0.0	0.0
7	2.089	0.479	0.582	0.56	4.20e-05	2277.95	0.2	77.01	5.81e-03	0.0	0.0
8	2.156	0.464	0.582	261.93	1.98e-02	4.16	3.14e-04	8.940e+04	6.7	0.0	0.0
9	2.194	0.456	0.582	50.84	3.83e-03	6459.18	0.5	839.47	6.33e-02	0.0	0.0
10	2.255	0.443	0.582	3993.66	0.3	1.052e+04	0.8	5.338e+04	4.0	0.0	0.0
11	2.260	0.443	0.582	740.93	5.59e-02	3.175e+04	2.4	1.910e+04	1.4	0.0	0.0
12	2.296	0.436	0.582	6932.99	0.5	110.23	8.31e-03	3.377e+04	2.5	0.0	0.0
13	2.380	0.420	0.582	3.12	2.35e-04	3914.95	0.3	1.25	9.40e-05	0.0	0.0
14	2.491	0.401	0.582	2.19	1.65e-04	415.66	3.14e-02	4.942e+04	3.7	0.0	0.0
15	2.511	0.398	0.582	9.57	7.22e-04	4941.97	0.4	2510.99	0.2	0.0	0.0
16	2.533	0.395	0.582	55.75	4.21e-03	114.28	8.62e-03	3.739e+04	2.8	0.0	0.0
17	2.560	0.391	0.582	30.43	2.30e-03	7.67	5.79e-04	6297.61	0.5	0.0	0.0
18	2.629	0.380	0.582	51.18	3.86e-03	26.35	1.99e-03	3418.97	0.3	0.0	0.0
19	2.674	0.374	0.582	0.46	3.48e-05	365.78	2.76e-02	64.69	4.88e-03	0.0	0.0
20	2.782	0.359	0.582	1671.59	0.1	4.33	3.27e-04	9.794e+04	7.4	0.0	0.0
Risulta				1.253e+06		2.456e+05		1.087e+06			
In percentuale				94.55		18.52		82.03			

CDC	Tipo	Sigla Id	Note
9	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	
			categoria suolo: C
			fattore di sito S = 1.461
			ordinata spettro (tratto Tb-Tc) = 0.582 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.561 sec.
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1552.00	3460.79	-143.63	3500.00	-33.50	0.0	0.0	0.0	0.0	0.0	0.0
1548.00	8175.39	-94.04	3500.00	-33.25	0.0	0.0	0.0	0.0	0.0	0.0
1542.22	4538.53	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1537.00	8121.25	-89.79	3500.00	-32.75	0.0	0.0	0.0	0.0	0.0	0.0
1536.44	4538.53	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1531.22	4545.55	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1530.67	4538.53	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1525.44	4545.55	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1524.89	4477.84	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1519.67	4545.55	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1519.11	4537.42	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1519.00	6500.12	-138.91	3500.00	-32.00	0.0	0.0	0.0	0.0	0.0	0.0
1513.89	4485.92	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1513.33	4537.42	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1508.11	4544.49	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1507.56	4537.42	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1502.33	4544.49	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1501.78	4537.42	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1500.00	1310.85	2625.00	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1496.56	4544.49	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1496.00	5472.85	2625.01	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1493.00	7886.46	-71.25	3499.14	-30.50	0.0	0.0	0.0	0.0	0.0	0.0
1490.78	4544.49	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1487.22	4556.30	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1486.33	4536.35	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1485.00	5476.33	2625.01	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1481.44	4556.30	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1476.67	4536.35	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1475.67	4556.30	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1475.33	4543.44	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1469.89	4556.30	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1467.00	6939.16	3186.12	3500.00	-45.42	0.0	0.0	0.0	0.0	0.0	0.0
1465.67	4543.44	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1464.11	4493.40	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1460.00	7718.11	-59.06	3498.79	-29.00	0.0	0.0	0.0	0.0	0.0	0.0
1458.33	4555.12	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1457.33	4476.35	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1456.00	4543.44	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1454.22	4577.88	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1452.56	4555.12	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1448.44	4577.88	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1447.67	4534.57	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1446.78	4555.12	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1446.33	4484.46	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1442.67	4577.88	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1441.00	5497.82	2624.99	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1438.00	4534.57	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1436.89	4577.88	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1436.67	4541.73	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1431.33	4547.48	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1431.11	4518.24	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1428.33	4534.57	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1427.00	4541.73	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1425.33	4576.81	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1421.67	4547.48	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1419.56	4576.81	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1419.00	5958.60	-93.08	3497.92	-27.00	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1418.67	4534.57	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1417.33	4541.73	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1413.78	4576.81	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1413.00	1182.15	5150.00	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1412.00	4547.48	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1409.00	5262.93	5150.03	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1408.00	5748.53	2624.99	3553.44	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1407.67	4541.73	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1402.33	4487.48	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1398.33	4569.66	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1398.00	5265.67	5150.03	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1392.67	9084.67	4745.30	3500.00	-72.36	0.0	0.0	0.0	0.0	0.0	0.0
1388.67	4569.66	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1383.00	4545.70	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1381.67	4546.03	5469.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1380.00	2190.61	5150.00	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1379.00	4569.66	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1376.33	4538.97	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1373.33	4545.70	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1371.00	6892.19	-29.11	3577.13	-24.25	0.0	0.0	0.0	0.0	0.0	0.0
1369.33	4512.62	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1367.00	2435.15	2625.00	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1365.33	4546.03	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1365.22	4597.18	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1363.67	4545.70	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1360.00	4538.97	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1359.67	4568.10	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1359.44	4597.18	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1354.00	5283.28	5150.04	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1353.67	4597.18	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1350.00	4568.10	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1349.00	4546.03	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1347.89	4597.18	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1343.67	4538.97	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1342.11	4531.73	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1340.33	4568.10	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1337.67	4550.10	5469.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1336.33	4595.94	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1332.67	4546.03	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1331.22	320.06	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1330.67	4568.10	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1330.56	4595.94	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1327.33	4478.32	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1325.44	408.56	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1324.78	4595.94	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1321.33	4550.10	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1321.00	5287.45	5150.03	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1319.67	408.56	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1319.00	5540.45	2624.97	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1316.33	4486.43	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1314.00	8014.05	9.99	3508.84	-21.50	0.0	0.0	0.0	0.0	0.0	0.0
1313.89	526.72	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1311.00	4535.96	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1309.33	4580.87	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1308.22	2596.02	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1308.11	406.39	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1305.00	4550.10	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1304.67	4272.81	5469.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1302.44	3306.76	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1302.33	406.39	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1302.00	1167.69	95.34	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1300.00	4543.14	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1299.67	4580.87	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1298.00	3225.92	116.07	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1296.67	4017.50	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1296.56	406.39	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1294.67	4535.96	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1290.89	4728.24	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1290.78	317.89	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1290.00	4580.87	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1288.67	4550.10	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1288.33	3973.42	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1287.00	3230.09	116.11	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1286.33	314.44	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1285.11	5379.35	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1283.67	4543.14	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1280.33	4520.87	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1280.00	2220.06	5150.00	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1279.33	6148.66	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1278.33	4535.96	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1276.67	402.97	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1273.56	1.245e+04	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1272.33	4489.45	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1272.00	3674.02	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1270.67	4579.09	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1269.00	2608.71	96.02	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1268.30	2669.33	392.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1267.78	8161.18	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1267.33	4543.14	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1267.00	402.97	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1266.00	3278.01	7888.03	3500.00	-30.25	0.0	0.0	0.0	0.0	0.0	0.0
1262.00	1.341e+04	5684.75	3500.00	-282.75	0.0	0.0	0.0	0.0	0.0	0.0
1261.00	4579.09	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1257.33	518.47	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1256.00	4547.09	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1255.67	3374.63	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1254.22	326.70	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1252.33	4620.06	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1251.33	4579.09	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1251.00	8026.91	7831.72	3484.69	-29.50	0.0	0.0	0.0	0.0	0.0	0.0
1250.00	3886.20	848.90	3493.94	-133.75	0.0	0.0	0.0	0.0	0.0	0.0
1248.44	415.20	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1247.67	399.48	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1246.00	3784.17	2625.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1243.00	3190.63	118.09	3515.48	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1242.67	5035.25	3027.90	3500.00	-112.78	0.0	0.0	0.0	0.0	0.0	0.0
1241.67	4579.09	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1239.67	4547.09	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1239.33	3017.62	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1238.00	399.48	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1236.89	415.20	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1235.00	3789.62	2625.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1233.00	1.078e+04	5996.89	3500.00	-235.83	0.0	0.0	0.0	0.0	0.0	0.0
1232.00	5012.79	5146.97	3609.37	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1231.33	308.34	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1231.11	535.49	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1228.33	399.48	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1225.56	4312.07	5469.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1225.33	412.96	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1223.33	9112.02	5550.64	3500.00	-180.14	0.0	0.0	0.0	0.0	0.0	0.0
1223.00	2773.20	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1222.60	3381.96	635.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1221.67	396.87	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1219.56	412.96	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1219.11	4012.50	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1218.67	310.94	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1217.00	2543.77	2625.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1213.78	324.45	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1213.67	4618.67	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1212.67	3712.94	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1212.00	396.87	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1210.00	3255.29	116.08	3496.46	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1207.00	7536.38	7818.61	3500.00	-27.25	0.0	0.0	0.0	0.0	0.0	0.0
1206.67	2473.80	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1206.22	3839.10	6277.78	3669.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1204.00	4618.67	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1202.33	510.58	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200.00	1928.55	392.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1199.78	3346.44	6547.22	3627.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1198.00	2484.96	2625.00	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1194.33	4618.67	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1193.33	2819.44	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1192.67	709.33	4666.54	3500.00	-72.36	0.0	0.0	0.0	0.0	0.0	0.0
1191.00	3806.09	2625.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1190.33	2174.41	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1186.89	2519.89	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1184.67	4618.67	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1183.00	393.53	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1180.44	2220.36	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1176.90	4094.63	877.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1176.33	404.44	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1175.00	5476.39	5151.40	3774.66	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1174.00	8253.30	7782.60	3500.00	-25.25	0.0	0.0	0.0	0.0	0.0	0.0
1173.33	393.53	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1170.33	7166.52	5469.44	3563.77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1169.00	2636.80	96.28	3493.93	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1165.67	6411.46	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1163.67	304.99	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1163.00	1046.28	5150.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1161.00	5898.45	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1160.00	404.44	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1159.00	3535.16	5150.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1158.00	3816.55	2625.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1156.33	8128.25	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1151.67	4035.96	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1150.00	1929.06	635.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1148.00	3539.89	5150.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1147.00	3541.55	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1143.67	404.44	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1142.33	2995.33	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1137.67	2758.76	7143.85	3500.00	-94.31	0.0	0.0	0.0	0.0	0.0	0.0
1133.00	7389.13	7778.75	3443.82	-23.00	0.0	0.0	0.0	0.0	0.0	0.0
1131.20	4807.34	1120.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1130.00	2293.26	5150.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1127.33	518.79	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1126.00	3737.49	2641.46	3290.45	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1121.33	398.30	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1121.00	2958.40	107.50	3677.90	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1117.00	2575.91	2625.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1116.33	4638.49	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1111.00	2664.69	5399.27	3500.00	-85.83	0.0	0.0	0.0	0.0	0.0	0.0
1109.33	302.10	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1108.22	334.19	419.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1106.67	4638.49	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1106.60	2541.58	7382.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1105.00	398.30	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1104.00	3554.65	5150.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1102.44	422.69	688.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100.00	1929.60	877.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1099.67	390.64	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1097.00	4638.49	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1096.67	422.69	958.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1094.67	398.54	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1090.89	422.69	1227.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1090.00	390.64	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1088.67	398.30	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1087.33	4578.49	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1085.50	5440.27	1362.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1085.11	545.47	1497.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1085.00	2593.88	7664.46	3313.28	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1080.33	502.60	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1080.20	3088.61	7140.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1079.33	420.38	1766.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1078.33	309.90	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1077.67	4636.71	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1073.56	420.38	2036.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1072.33	510.91	6547.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1071.00	3564.23	5150.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1070.67	387.47	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1069.00	3843.40	2625.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1068.00	4636.71	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1067.78	331.88	2305.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1064.00	3282.29	116.52	3491.76	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1061.00	387.47	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1058.33	4636.71	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1056.00	392.65	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1053.80	3635.68	6897.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1053.50	1966.33	7382.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1051.33	387.47	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1050.00	1930.18	1120.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1048.67	4636.71	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1045.00	3753.41	2641.30	3270.48	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1041.67	298.94	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1039.80	6208.85	1605.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1039.67	392.65	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1039.00	3514.69	5132.53	3277.17	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
1035.33	4561.59	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1030.00	2322.55	5150.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
1027.40	4182.79	6655.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1025.67	4429.39	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1025.56	979.08	5469.44	4752.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1023.33	304.00	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1022.00	1965.45	7140.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1019.11	396.04	5738.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1016.00	6739.37	4240.96	3995.96	-214.58	0.0	0.0	0.0	0.0	0.0	0.0
1012.67	396.48	6008.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1012.00	7157.87	4944.08	3500.00	-262.50	0.0	0.0	0.0	0.0	0.0	0.0
1006.33	4101.96	3752.78	3472.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1006.22	396.92	6277.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1001.00	7959.34	6929.35	3500.00	-68.13	0.0	0.0	0.0	0.0	0.0	0.0
1000.00	1.143e+04	315.05	3500.00	-68.13	0.0	0.0	0.0	0.0	0.0	0.0
999.78	1227.19	6547.22	4431.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
996.67	4014.95	4022.22	3443.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
994.10	6921.67	1847.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
993.33	395.49	6816.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
990.50	1964.64	6897.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
987.00	4830.65	4291.67	2888.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
986.89	395.95	7086.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
983.00	2678.75	7678.47	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
982.00	3275.74	5140.44	3667.36	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
980.44	306.04	7355.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
977.33	3587.47	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
974.60	5462.69	6170.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
967.67	3425.73	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
959.00	1963.90	6655.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
958.00	3531.09	5132.68	3256.03	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
957.00	3309.69	7658.73	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
956.00	2557.59	2625.00	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
950.00	2377.91	1424.95	3500.00	-48.50	0.0	0.0	0.0	0.0	0.0	0.0
948.40	7535.05	2090.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
948.20	5966.56	5927.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
948.00	2624.12	2625.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
927.50	1915.74	6412.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
925.00	3291.41	5140.48	3690.36	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
924.00	3313.88	7658.57	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
921.80	6480.60	5685.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
916.33	296.40	2944.44	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
906.67	384.93	3213.89	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
906.60	314.14	7382.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
902.70	8227.72	2332.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900.00	2379.97	1667.04	3500.00	-48.50	0.0	0.0	0.0	0.0	0.0	0.0
897.00	384.93	3483.33	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
896.00	1978.10	6170.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
895.40	7001.71	5442.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
887.33	495.40	3752.78	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
883.00	2693.00	7677.79	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
880.20	406.79	7140.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
877.67	381.97	4022.22	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
876.00	2958.32	2635.59	3235.26	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
869.00	4111.33	5151.21	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
868.00	381.97	4291.67	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
867.80	3290.36	4857.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
866.60	3452.24	4615.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
865.40	3622.17	4372.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
864.50	1977.81	5927.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
864.20	3838.44	4130.00	3467.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
863.00	3912.81	3887.50	3506.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
861.80	4108.33	3645.00	3539.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
861.00	2367.36	5150.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
860.60	4168.02	3402.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
859.40	4290.56	3160.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
858.33	381.97	4561.11	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
858.20	4422.92	2917.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
857.00	4335.94	2623.97	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
853.80	405.43	6897.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
850.00	2382.06	1909.13	3500.00	-48.50	0.0	0.0	0.0	0.0	0.0	0.0
848.67	293.43	4830.56	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
835.00	8104.79	7676.16	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
833.00	1977.59	5685.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
827.40	404.09	6655.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
801.50	1977.45	5442.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
801.00	514.69	6412.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800.00	2503.07	2113.77	3500.00	-48.50	0.0	0.0	0.0	0.0	0.0	0.0
795.00	2981.51	2635.51	3211.05	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
789.00	2700.24	5138.40	3209.96	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
774.60	394.59	6170.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
770.00	2962.44	5152.79	3500.00	-5.00	0.0	0.0	0.0	0.0	0.0	0.0
768.00	1702.85	4857.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
766.00	1702.83	4615.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
764.00	1702.81	4372.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
762.00	1702.80	4130.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
760.00	1656.55	3887.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
758.00	1706.19	3645.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
756.00	1706.18	3402.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
754.00	1706.18	3160.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
752.00	1706.18	2917.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.00	3511.55	2498.57	3500.00	-53.50	0.0	0.0	0.0	0.0	0.0	0.0
748.20	393.58	5927.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
721.80	392.60	5685.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
708.00	2721.95	5138.49	3183.50	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
706.00	2694.12	2625.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
700.00	430.45	1847.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
695.40	297.62	5442.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
667.80	275.68	4857.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
666.60	355.57	4615.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
665.40	355.41	4372.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
664.20	355.25	4130.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
663.00	459.02	3887.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
661.80	354.99	3645.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
660.60	354.84	3402.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
659.40	354.68	3160.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
658.20	274.48	2917.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
650.00	431.88	2090.00	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
619.00	2433.07	5150.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
607.00	2722.79	2625.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
600.00	342.23	2332.50	3500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
520.00	5617.28	5150.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
500.00	5714.60	2625.00	3500.00	-10.00	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	1.326e+06									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	0.509	1.965	0.151	1.231e+06	92.8	0.76	5.70e-05	15.37	1.16e-03	0.0	0.0
2	1.479	0.676	0.439	24.66	1.86e-03	3839.38	0.3	4.93	3.72e-04	0.0	0.0
3	1.783	0.561	0.529	0.29	2.18e-05	1.835e+05	13.8	27.61	2.08e-03	0.0	0.0
4	1.811	0.552	0.538	1917.19	0.1	0.01	0.0	4.502e+04	3.4	0.0	0.0
5	1.855	0.539	0.551	2882.69	0.2	0.03	2.19e-06	4.967e+05	37.5	0.0	0.0
6	1.972	0.507	0.582	4071.13	0.3	11.12	8.39e-04	1.505e+05	11.4	0.0	0.0
7	2.087	0.479	0.582	0.81	6.12e-05	2170.79	0.2	83.20	6.28e-03	0.0	0.0
8	2.155	0.464	0.582	280.94	2.12e-02	4.84	3.65e-04	9.082e+04	6.9	0.0	0.0
9	2.193	0.456	0.582	50.24	3.79e-03	7237.37	0.5	854.47	6.45e-02	0.0	0.0
10	2.254	0.444	0.582	3949.06	0.3	1.008e+04	0.8	5.456e+04	4.1	0.0	0.0
11	2.259	0.443	0.582	699.27	5.27e-02	3.131e+04	2.4	1.888e+04	1.4	0.0	0.0
12	2.295	0.436	0.582	7012.62	0.5	105.35	7.95e-03	3.312e+04	2.5	0.0	0.0
13	2.379	0.420	0.582	3.24	2.44e-04	4013.29	0.3	1.94	1.46e-04	0.0	0.0
14	2.490	0.402	0.582	2.52	1.90e-04	404.88	3.05e-02	4.858e+04	3.7	0.0	0.0
15	2.511	0.398	0.582	9.47	7.14e-04	5141.79	0.4	2534.34	0.2	0.0	0.0
16	2.532	0.395	0.582	54.76	4.13e-03	122.15	9.21e-03	3.770e+04	2.8	0.0	0.0
17	2.559	0.391	0.582	28.59	2.16e-03	5.39	4.07e-04	6562.89	0.5	0.0	0.0
18	2.629	0.380	0.582	49.62	3.74e-03	30.14	2.27e-03	3681.82	0.3	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
19	2.673	0.374	0.582	0.23	1.76e-05	365.98	2.76e-02	54.91	4.14e-03	0.0	0.0
20	2.782	0.359	0.582	1685.39	0.1	5.92	4.46e-04	9.723e+04	7.3	0.0	0.0
Risulta				1.253e+06		2.483e+05		1.087e+06			
In percentuale				94.55		18.73		81.99			

VERIFICHE ELEMENTI PARETE E GUSCIO IN C.A.

LEGENDA TABELLA VERIFICHE ELEMENTI PARETE E GUSCIO IN C.A.

Per le pareti in c.a. progettate in ottemperanza al cap. 7 del DM 14-01-08 vengono riportate 4 tabelle. In particolare per ogni parete si riportano:

- una tabella riassuntiva della geometria e dello stato di verifica per compressione assiale, pressoflessione e taglio
- una tabella nella quale, per ogni quota significativa, si riporta l' armatura verticale di base e della zona confinata, l' armatura orizzontale, l' esito delle 5 verifiche condotte, lo sforzo assiale aggiuntivo per q superiore a 2 e i valori di inviluppo di taglio e momento
- una tabella nella quale, per ogni quota significativa, si riportano le azioni che hanno reso massimo il valore delle 5 verifiche condotte (in particolare le verifiche a taglio sono influenzate dal valore dello sforzo assiale e del momento). Le azioni derivate dall' analisi, in ogni combinazione di calcolo, sono elaborate come previsto al punto 7.4.4.5.1 : traslazione del momento, incremento e variazione diagramma taglio, incremento e decremento sforzo assiale
- una tabella riassuntiva dei parametri utilizzati per le verifiche a taglio per ogni quota significativa.

Tabella 1	
H totale	Altezza complessiva della parete
Spessore	Spessore della parete
H critica	Altezza come da punto 7.4.4.5.1 per traslazione momento
H critica V	Altezza come da punto 7.4.6.1.4 per la definizione della zona critica e zona confinata
L totale	Larghezza di base della parete
L confinata	Larghezza della zona confinata
Verif. N	Verifica di cui al punto 7.4.4.5.2.1 compressione semplice
Verif. N-M	Verifica di cui al punto 7.4.4.5.2.1 pressoflessione
Fattore V	Fattore di amplificazione del taglio di cui al punto 7.4.4.5.1
Diagramma V	Diagramma elaborato per effetto modi superiori come da fig. 7.4.2
Verif. V	Verifica di cui al punto 7.4.4.5.2.2 taglio (compressione cls, trazione acciaio, scorrimento in zona critica)
Tabella 2	
Af conf.	Numero e diametro armatura presente in una zona confinata
Af std	Diametro e passo armatura in zona non confinata (doppia maglia)
Af V (ori)	Diametro e passo armatura orizzontale (doppia maglia)
Ver. N	Rapporto tra azione di calcolo e resistenza a compressione (normalizzato a 1 in quanto da confrontare con 40% in CDB e 35 % in CDA)
Ver. N/M	Rapporto tra azione di calcolo e resistenza a pressoflessione
Ver. V cls	Rapporto tra azione di calcolo e resistenza a taglio-compressione
Ver. V acc	Rapporto tra azione di calcolo e resistenza a taglio-trazione
Ver. V scorr.	Rapporto tra azione di calcolo e resistenza a taglio scorrimento
N add	Sforzo assiale di cui al punto 7.4.4.5.1 da sommare e sottrarre nelle verifiche quando q supera 2
M invil	Inviluppo del momento come al punto 7.4.4.5.1 (informativo)
V invil	Inviluppo del taglio come al punto 7.4.4.5.1 (informativo)
Tabella 3	
N v.N	Valore dello sforzo assiale per cui Ver. N attinge il massimo valore
N v.M/N, M v.M/N	Valore dello sforzo assiale e momento per cui Ver. N/M attinge il massimo valore
N v.Vcls, V v.Vcls,	Valore dello sforzo assiale e taglio per cui Ver. V. cls attinge il massimo valore
N v.Vacc, M v.Vacc, V v.Vacc,	Valore dello sforzo assiale, momento e taglio per cui Ver. V. acc attinge il massimo valore
N v.Vscorr, M v.Vscorr, V v.Vscorr,	Valore dello sforzo assiale, momento e taglio per cui Ver. V. scorr.e
Tabella 4	
CtgT Vcls	Valore di ctg(teta) adottato nella verifica V compressione cls
Vrsd Vcls	Valore della resistenza a taglio trazione (armatura di calcolo)
Vrcd Vcls	Valore della resistenza a taglio compressione
CtgT Vacc	Valore di ctg(teta) adottato nella verifica V trazione armatura
Vrsd Vacc	Valore della resistenza a taglio trazione (armatura presente)
Vrcd Vacc	Valore della resistenza a taglio compressione
Vdd	Valore del contributo alla resistenza allo scorrimento come da [7.4.19]
Vid	Valore del contributo alla resistenza allo scorrimento come da [7.4.20]
Vfd	Valore del contributo alla resistenza allo scorrimento come da [7.4.21]

Nel caso dei gusci e nel caso in cui la progettazione della parete sia integrata o effettuata del tutto con progettazione locale si produce una tabella nella quale vengono riportati per ogni macroelemento il numero dello stesso ed il codice di verifica.
Per la progettazione con il metodo degli stati limite vengono riportati il rapporto x/d, la verifica per sollecitazioni ultime e la verifica per compressione media con l'indicazione delle due combinazioni in cui si sono attinti i rispettivi valori.
Nel caso in cui si sia proceduto alla progettazione con le tensioni ammissibili vengono riportate le massime tensioni nell'elemento (massima compressione nel calcestruzzo, massima compressione media nel calcestruzzo, massima tensione nell'acciaio) con l'indicazione delle combinazioni in cui si sono attinti i rispettivi valori.
Per ogni elemento viene riportata inoltre la maglia di armatura necessaria in relazione alle risultanze della progettazione dei nodi dell'elemento stesso (diametri in mm, passi in cm). Le quantità di armature necessarie

sono armature (disposte rispettivamente in direzione principale e secondaria, inferiore e superiore) distribuite nell'elemento ed espresse in centimetri quadri per sviluppo lineare pari ad un metro.

In particolare i simboli utilizzati assumono il seguente significato:

M_S		macroelemento di tipo setto (elementi verticali contigui ed analoghi per proprietà)
M_G		macroelemento di tipo guscio (elementi non verticali contigui ed analoghi per proprietà)
Stato		codice di verifica dell'elemento
Nodo		numero del nodo
x/d		rapporto tra posizione dell'asse neutro e altezza utile alla rottura della sezione (per sola flessione)
verif.		rapporto Sd/Su con sollecitazioni ultime ~~proporzionali~~: valore minore o uguale a 1 per verifica positiva
Ver.rd		rapporto Nd/Nu (Nu ottenuto con riduzione del 25% di fcd): valore minore o uguale a 1 per verifica positiva
Rete pr		maglia di armatura (diametro/passo) in direzione principale inferiore e superiore
Rete sec		maglia di armatura (diametro/passo) in direzione secondaria inferiore e superiore
Aggiuntivi		relativa armatura aggiuntiva (diametro/passo) inferiore (i) e superiore (s) eventualmente differenziate
sc max		massima tensione di compressione del calcestruzzo
sc med		massima tensione media di compressione del calcestruzzo
sf max		massima tensione dell'acciaio
Rif. cmb		combinazioni di carico in cui si verificano i valori riportati
Af pr-		quantità di armatura richiesta in direzione principale relativa alla faccia negativa (intradosso piastre) (valore derivante da calcolo o minimo normativo)
Af pr+		quantità di armatura richiesta in direzione principale relativa alla faccia positiva (estradosso piastre) (valore derivante da calcolo o minimo normativo)
Af sec-	**Af sec+**	valori analoghi a quelli sopraripportati ma relativi alla armatura secondaria
N	**M**	azioni membranali e flessionali (in direzione dell'armatura principale e secondaria) estratte, poiché rappresentative, tra quelle utilizzate per il progetto e la verifica

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
1	ok	1	0.02	0.03	4.54e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		2	0.02	0.04	7.06e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		11	0.02	0.02	1.74e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		10	0.02	0.03	2.61e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
2	ok	2	0.02	0.03	2.07e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		3	0.02	0.05	1.35e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		12	0.02	0.05	1.74e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		11	0.02	0.03	1.44e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
3	ok	3	0.02	0.05	1.66e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		4	0.02	0.07	1.40e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		13	0.02	0.08	1.60e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		12	0.02	0.06	1.81e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
4	ok	4	0.02	0.07	1.47e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		5	0.02	0.08	1.39e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		14	0.02	0.09	1.58e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		13	0.02	0.08	1.73e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
5	ok	5	0.02	0.08	1.40e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		6	0.02	0.07	1.47e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		15	0.02	0.08	1.72e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		14	0.02	0.09	1.59e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
6	ok	6	0.02	0.07	1.40e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		7	0.02	0.05	1.66e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		16	0.02	0.06	1.82e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		15	0.02	0.08	1.61e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
7	ok	7	0.02	0.05	1.36e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		8	0.02	0.03	2.08e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		17	0.02	0.03	1.46e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		16	0.02	0.06	1.75e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
8	ok	8	0.02	0.04	7.06e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		9	0.02	0.03	4.58e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		18	0.02	0.03	2.65e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		17	0.02	0.02	1.75e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
9	ok	10	0.02	0.01	4.99e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		11	0.02	0.02	1.56e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		20	0.02	0.06	3.09e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		19	0.02	0.07	1.28e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
10	ok	11	0.02	0.03	3.34e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		12	0.02	0.05	2.21e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		21	0.02	0.07	3.76e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		20	0.02	0.07	3.31e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
11	ok	12	0.02	0.06	3.33e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		13	0.02	0.07	2.63e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		22	0.02	0.10	3.73e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		21	0.02	0.09	3.93e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
12	ok	13	0.02	0.08	3.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		14	0.02	0.08	2.78e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		23	0.02	0.11	4.20e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		22	0.02	0.10	3.97e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
13	ok	14	0.02	0.09	2.79e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		15	0.02	0.08	3.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		24	0.02	0.10	3.98e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		23	0.02	0.11	4.21e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
14	ok	15	0.02	0.08	2.64e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		16	0.02	0.06	3.34e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		25	0.02	0.09	3.98e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		24	0.02	0.10	3.77e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
15	ok	16	0.02	0.05	2.23e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		17	0.02	0.03	3.36e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		26	0.02	0.07	3.36e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		25	0.02	0.08	3.81e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
16	ok	17	0.02	0.02	1.57e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		18	0.02	0.01	5.03e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		27	0.02	0.07	1.29e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		26	0.02	0.06	3.13e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
17	ok	19	0.02	0.04	4.31e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		20	0.02	0.06	2.49e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		38	0.02	0.10	3.74e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		37	0.02	0.11	3.91e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
18	ok	20	0.02	0.06	4.98e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		21	0.02	0.07	3.81e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		39	0.02	0.13	7.45e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		38	0.02	0.11	2.56e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
19	ok	21	0.02	0.08	6.71e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		22	0.02	0.09	4.66e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		40	0.02	0.15	7.99e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		39	0.02	0.14	5.37e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
20	ok	22	0.02	0.10	6.68e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		23	0.02	0.11	4.78e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		41	0.02	0.15	0.01	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		40	0.02	0.16	1.76e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
21	ok	23	0.02	0.11	4.84e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		24	0.02	0.10	6.68e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		42	0.02	0.16	1.79e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		41	0.02	0.15	0.01	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
22	ok	24	0.02	0.09	4.76e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		25	0.02	0.08	6.75e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		43	0.02	0.14	5.62e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		42	0.02	0.15	7.92e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
23	ok	25	0.02	0.07	3.85e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		26	0.02	0.06	5.03e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		44	0.02	0.11	2.58e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		43	0.02	0.13	7.65e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
24	ok	26	0.02	0.06	2.51e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		27	0.02	0.04	4.34e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		45	0.02	0.11	3.81e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		44	0.02	0.10	3.80e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
25	ok	28	0.02	0.03	4.25e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		29	0.02	0.04	6.54e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		47	0.02	0.02	1.62e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		46	0.02	0.03	2.46e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
26	ok	29	0.02	0.03	1.92e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		30	0.02	0.05	1.26e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		48	0.02	0.05	1.62e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		47	0.02	0.03	1.34e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
27	ok	30	0.02	0.05	1.54e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		31	0.02	0.07	1.30e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		49	0.02	0.07	1.49e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		48	0.02	0.06	1.68e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
28	ok	31	0.02	0.07	1.36e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		32	0.02	0.08	1.30e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		50	0.02	0.08	1.47e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		49	0.02	0.08	1.59e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
29	ok	32	0.02	0.08	1.29e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		33	0.02	0.07	1.36e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		51	0.02	0.08	1.60e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		50	0.02	0.08	1.46e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
30	ok	33	0.02	0.07	1.29e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		34	0.02	0.05	1.54e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		52	0.02	0.06	1.67e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		51	0.02	0.07	1.48e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
31	ok	34	0.02	0.05	1.25e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		35	0.02	0.03	1.92e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		53	0.02	0.03	1.33e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		52	0.02	0.05	1.60e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
32	ok	35	0.02	0.03	6.54e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		36	0.02	0.03	4.20e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		54	0.02	0.03	2.41e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		53	0.02	0.02	1.61e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
33	ok	37	0.02	0.08	3.71e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		38	0.02	0.10	2.06e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		56	0.02	0.13	3.31e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		55	0.02	0.13	1.26e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
34	ok	38	0.02	0.10	8.62e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		39	0.02	0.13	1.90e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		57	0.02	0.19	0.02	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		56	0.02	0.14	1.44e-05	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
35	ok	39	0.02	0.16	0.01	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		40	0.02	0.13	8.67e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		58	0.02	0.37	0.02	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		57	0.02	0.16	8.50e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
36	ok	40	0.02	0.12	9.41e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		41	0.02	0.18	6.32e-05	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		59	0.02	0.24	8.71e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		58	0.02	0.37	8.59e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
37	ok	41	0.02	0.19	3.93e-05	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		42	0.02	0.12	9.45e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		60	0.02	0.38	9.16e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		59	0.02	0.24	8.60e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
38	ok	42	0.02	0.13	8.84e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		43	0.02	0.17	0.01	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		61	0.02	0.16	8.75e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		60	0.02	0.38	0.02	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
39	ok	43	0.02	0.13	1.89e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		44	0.02	0.10	8.81e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		62	0.02	0.14	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		61	0.02	0.19	0.02	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
40	ok	44	0.02	0.11	2.08e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		45	0.02	0.08	3.72e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		63	0.02	0.13	1.11e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		62	0.02	0.13	3.37e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
41	ok	46	0.02	9.57e-03	4.66e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		47	0.02	0.02	1.45e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		65	0.02	0.05	2.90e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		64	0.02	0.07	1.20e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
42	ok	47	0.02	0.03	3.11e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		48	0.02	0.05	2.06e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		66	0.02	0.07	3.52e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		65	0.02	0.07	3.11e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
43	ok	48	0.02	0.06	3.09e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		49	0.02	0.07	2.45e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		67	0.02	0.09	3.48e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		66	0.02	0.08	3.68e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
44	ok	49	0.02	0.07	2.86e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		50	0.02	0.08	2.59e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		68	0.02	0.10	3.88e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		67	0.02	0.10	3.68e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
45	ok	50	0.02	0.08	2.57e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		51	0.02	0.07	2.87e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		69	0.02	0.10	3.66e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		68	0.02	0.10	3.88e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
46	ok	51	0.02	0.07	2.43e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		52	0.02	0.05	3.08e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		70	0.02	0.08	3.63e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		69	0.02	0.09	3.44e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
47	ok	52	0.02	0.05	2.04e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		53	0.02	0.03	3.09e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		71	0.02	0.07	3.06e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		70	0.02	0.07	3.46e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
48	ok	53	0.02	0.02	1.44e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		54	0.02	9.62e-03	4.61e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		72	0.02	0.07	1.18e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		71	0.02	0.05	2.85e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
49	ok	55	0.02	0.10	3.40e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		56	0.02	0.13	1.47e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		74	0.02	0.12	1.86e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		73	0.02	0.11	3.25e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
50	ok	56	0.02	0.12	8.28e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		57	0.02	0.20	2.09e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		75	0.02	0.16	5.79e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		74	0.02	0.12	1.17e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
51	ok	57	0.02	0.20	4.46e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		58	0.02	0.33	6.83e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		76	0.02	0.15	6.79e-05	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		75	0.02	0.18	3.96e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
52	ok	58	0.02	0.32	2.81e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		59	0.02	0.27	4.66e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		77	0.02	0.17	7.35e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		76	0.02	0.12	3.38e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
53	ok	59	0.02	0.27	4.85e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		60	0.02	0.33	2.88e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		78	0.02	0.12	3.41e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		77	0.02	0.18	8.01e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
54	ok	60	0.02	0.34	6.94e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		61	0.02	0.20	4.62e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		79	0.02	0.18	4.01e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		78	0.02	0.15	8.60e-05	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
55	ok	61	0.02	0.20	2.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		62	0.02	0.12	8.47e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		80	0.02	0.12	1.15e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		79	0.02	0.16	6.07e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
56	ok	62	0.02	0.13	1.50e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		63	0.02	0.10	3.37e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		81	0.02	0.11	2.95e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		80	0.02	0.12	1.87e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
57	ok	64	0.02	0.04	4.04e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		65	0.02	0.06	2.33e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		83	0.02	0.10	3.53e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		82	0.02	0.11	3.65e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
58	ok	65	0.02	0.06	4.65e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		66	0.02	0.07	3.56e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		84	0.02	0.13	7.08e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		83	0.02	0.11	2.39e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
59	ok	66	0.02	0.08	6.23e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		67	0.02	0.09	4.41e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		85	0.02	0.15	7.27e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		84	0.02	0.13	5.23e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
60	ok	67	0.02	0.09	6.16e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		68	0.02	0.11	4.48e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		86	0.02	0.15	0.01	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		85	0.02	0.16	1.67e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
61	ok	68	0.02	0.10	4.40e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		69	0.02	0.09	6.17e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		87	0.02	0.15	1.63e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		86	0.02	0.15	0.01	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
62	ok	69	0.02	0.09	4.29e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		70	0.02	0.08	6.19e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		88	0.02	0.13	4.92e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		87	0.02	0.15	7.38e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
63	ok	70	0.02	0.07	3.51e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		71	0.02	0.06	4.59e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		89	0.02	0.11	2.37e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		88	0.02	0.13	6.85e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
64	ok	71	0.02	0.06	2.30e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		72	0.02	0.04	3.99e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		90	0.02	0.11	3.67e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		89	0.02	0.10	3.45e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
65	ok	73	0.02	0.07	2.84e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		74	0.02	0.12	1.36e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		92	0.02	0.08	1.42e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		91	0.02	0.05	1.76e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
66	ok	74	0.02	0.10	3.71e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		75	0.02	0.15	2.59e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		93	0.02	0.10	8.87e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		92	0.02	0.07	1.97e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
67	ok	75	0.02	0.15	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		76	0.02	0.15	8.31e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		94	0.02	0.08	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		93	0.02	0.09	3.86e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
68	ok	76	0.02	0.14	3.41e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		77	0.02	0.15	2.32e-04	1,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		95	0.02	0.06	1.06e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		94	0.02	0.07	9.79e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
69	ok	77	0.02	0.15	2.08e-04	1,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		78	0.02	0.14	2.64e-04	1,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		96	0.02	0.07	9.79e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		95	0.02	0.05	1.13e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
70	ok	78	0.02	0.15	8.30e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		79	0.02	0.15	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		97	0.02	0.09	3.95e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		96	0.02	0.08	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
71	ok	79	0.02	0.15	2.71e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		80	0.02	0.10	3.74e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		98	0.02	0.08	1.96e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		97	0.02	0.10	8.44e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
72	ok	80	0.02	0.12	1.37e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		81	0.02	0.07	2.76e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		99	0.02	0.05	1.47e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		98	0.02	0.08	1.40e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
73	ok	82	0.02	0.08	3.47e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		83	0.02	0.10	1.93e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		101	0.02	0.12	3.14e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		100	0.02	0.13	1.28e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
74	ok	83	0.02	0.10	8.15e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		84	0.02	0.13	1.76e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		102	0.02	0.18	0.02	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		101	0.02	0.13	3.82e-05	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
75	ok	84	0.02	0.16	1.00e-02	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		85	0.02	0.12	8.16e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		103	0.02	0.36	0.02	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		102	0.02	0.15	8.08e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
76	ok	85	0.02	0.12	8.73e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		86	0.02	0.18	9.00e-06	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		104	0.02	0.23	7.90e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		103	0.02	0.36	8.50e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
77	ok	86	0.02	0.18	1.18e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		87	0.02	0.11	8.68e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		105	0.02	0.35	7.83e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		104	0.02	0.23	8.03e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
78	ok	87	0.02	0.12	7.98e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		88	0.02	0.15	9.81e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		106	0.02	0.15	7.79e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		105	0.02	0.35	0.02	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
79	ok	88	0.02	0.13	1.78e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		89	0.02	0.10	7.93e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		107	0.02	0.13	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		106	0.02	0.18	0.01	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
80	ok	89	0.02	0.10	1.91e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		90	0.02	0.08	3.44e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		108	0.02	0.12	1.22e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		107	0.02	0.12	3.06e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
81	ok	91	0.02	0.02	2.21e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		92	0.02	0.08	1.06e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		110	0.02	0.06	1.70e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		109	0.02	5.54e-03	1.29e-05	2,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
82	ok	92	0.02	0.06	3.21e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		93	0.02	0.09	1.74e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		111	0.02	0.07	2.40e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		110	0.02	0.04	1.59e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
83	ok	93	0.02	0.08	2.68e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		94	0.02	0.08	1.21e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		112	0.02	0.06	2.38e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		111	0.02	0.06	2.12e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
84	ok	94	0.02	0.07	2.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		95	0.02	0.05	7.26e-05	1,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		113	0.02	0.05	1.28e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		112	0.02	0.05	9.47e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
85	ok	95	0.02	0.05	6.91e-05	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		96	0.02	0.07	2.07e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		114	0.02	0.05	9.10e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		113	0.02	0.05	1.27e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
86	ok	96	0.02	0.08	1.12e-04	1,8	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		97	0.02	0.08	2.66e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		115	0.02	0.06	2.12e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		114	0.02	0.06	2.41e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
87	ok	97	0.02	0.09	1.73e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		98	0.02	0.06	3.20e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		116	0.02	0.04	1.58e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		115	0.02	0.07	2.34e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
88	ok	98	0.02	0.08	1.05e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		99	0.02	0.02	2.13e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		117	0.02	5.74e-03	5.73e-06	31,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		116	0.02	0.06	1.67e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
89	ok	100	0.02	0.10	3.14e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		101	0.02	0.13	1.40e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		119	0.02	0.11	1.75e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		118	0.02	0.10	2.79e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
90	ok	101	0.02	0.12	7.85e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		102	0.02	0.19	1.95e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		120	0.02	0.15	5.60e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		119	0.02	0.12	1.08e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
91	ok	102	0.02	0.19	4.26e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		103	0.02	0.33	6.41e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		121	0.02	0.14	1.61e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		120	0.02	0.17	3.73e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
92	ok	103	0.02	0.31	2.65e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		104	0.02	0.26	4.50e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		122	0.02	0.17	7.73e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		121	0.02	0.12	3.16e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
93	ok	104	0.02	0.26	4.28e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		105	0.02	0.30	2.58e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		123	0.02	0.12	3.13e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		122	0.02	0.17	7.05e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
94	ok	105	0.02	0.32	6.28e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		106	0.02	0.19	4.08e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		124	0.02	0.17	3.67e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		123	0.02	0.14	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
95	ok	106	0.02	0.19	1.94e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		107	0.02	0.11	7.62e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		125	0.02	0.11	1.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		124	0.02	0.15	5.30e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
96	ok	107	0.02	0.12	1.36e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		108	0.02	0.09	3.16e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		126	0.02	0.10	3.07e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		125	0.02	0.11	1.73e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
97	ok	109	0.02	0.03	1.68e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		110	0.02	0.06	8.99e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		128	0.02	0.06	1.35e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		127	0.02	0.03	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
98	ok	110	0.02	0.05	5.07e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		111	0.02	0.08	2.11e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		129	0.02	0.09	9.21e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		128	0.02	0.06	1.06e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
99	ok	111	0.02	0.09	5.63e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		112	0.02	0.05	2.88e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		130	0.02	0.19	7.06e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		129	0.02	0.10	3.31e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
100	ok	112	0.02	0.05	3.69e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		113	0.02	0.07	2.08e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		131	0.02	0.15	5.41e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		130	0.02	0.16	6.57e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
101	ok	113	0.02	0.07	2.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		114	0.02	0.04	3.59e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		132	0.02	0.16	6.47e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		131	0.02	0.15	5.36e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
102	ok	114	0.02	0.05	2.93e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		115	0.02	0.09	5.63e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		133	0.02	0.10	3.31e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		132	0.02	0.19	7.07e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
103	ok	115	0.02	0.08	2.09e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		116	0.02	0.05	5.02e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		134	0.02	0.06	1.14e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		133	0.02	0.09	9.11e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
104	ok	116	0.02	0.06	8.93e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		117	0.02	0.03	1.61e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		135	0.02	0.03	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		134	0.02	0.06	1.31e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
105	ok	118	0.02	0.07	2.57e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		119	0.02	0.11	1.29e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		137	0.02	0.08	1.31e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		136	0.02	0.05	1.47e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
106	ok	119	0.02	0.10	3.48e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		120	0.02	0.14	2.51e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		138	0.02	0.09	8.11e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		137	0.02	0.07	1.83e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
107	ok	120	0.02	0.14	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		121	0.02	0.15	7.83e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		139	0.02	0.08	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		138	0.02	0.08	3.66e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
108	ok	121	0.02	0.13	2.52e-04	1,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		122	0.02	0.14	1.87e-04	1,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		140	0.02	0.05	1.05e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		139	0.02	0.07	9.28e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
109	ok	122	0.02	0.14	2.07e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		123	0.02	0.13	3.30e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		141	0.02	0.07	9.32e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		140	0.02	0.05	9.63e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
110	ok	123	0.02	0.15	7.86e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		124	0.02	0.14	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		142	0.02	0.08	3.56e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		141	0.02	0.08	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
111	ok	124	0.02	0.14	2.37e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		125	0.02	0.10	3.44e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		143	0.02	0.07	1.84e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		142	0.02	0.09	8.49e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
112	ok	125	0.02	0.11	1.26e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		126	0.02	0.07	2.64e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		144	0.02	0.05	1.68e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		143	0.02	0.08	1.32e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
113	ok	127	0.02	0.06	1.33e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		128	0.02	0.06	6.37e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		146	0.02	0.05	7.58e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		145	0.02	0.03	2.77e-06	1,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
114	ok	128	0.02	0.06	4.26e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		129	0.02	0.12	1.02e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		147	0.02	0.06	4.04e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		146	0.02	0.05	6.06e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
115	ok	129	0.02	0.07	2.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		130	0.02	0.27	5.03e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		148	0.02	0.05	5.90e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		147	0.02	0.08	2.56e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
116	ok	130	0.02	0.25	1.24e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		131	0.02	0.13	1.95e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		149	0.02	0.10	1.78e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		148	0.02	0.06	2.49e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
117	ok	131	0.02	0.13	1.90e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		132	0.02	0.25	1.29e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		150	0.02	0.06	2.44e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		149	0.02	0.10	1.77e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
118	ok	132	0.02	0.27	4.95e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		133	0.02	0.07	2.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		151	0.02	0.08	2.47e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		150	0.02	0.05	6.35e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
119	ok	133	0.02	0.12	9.88e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		134	0.02	0.06	4.19e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		152	0.02	0.05	5.73e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		151	0.02	0.06	4.11e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
120	ok	134	0.02	0.06	6.28e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		135	0.02	0.06	1.27e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		153	0.02	0.03	2.35e-06	1,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		152	0.02	0.05	7.29e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
121	ok	136	0.02	0.02	1.98e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		137	0.02	0.08	9.85e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		155	0.02	0.05	1.56e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		154	0.02	5.81e-03	2.23e-05	2,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
122	ok	137	0.02	0.06	2.98e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		138	0.02	0.09	1.62e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		156	0.02	0.07	2.22e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		155	0.02	0.04	1.47e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
123	ok	138	0.02	0.08	2.50e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		139	0.02	0.07	1.28e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		157	0.02	0.06	2.27e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		156	0.02	0.06	1.97e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
124	ok	139	0.02	0.06	1.96e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		140	0.02	0.04	6.15e-05	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		158	0.02	0.04	1.29e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		157	0.02	0.05	8.50e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
125	ok	140	0.02	0.05	7.58e-05	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		141	0.02	0.07	1.98e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		159	0.02	0.05	8.89e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		158	0.02	0.05	1.29e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
126	ok	141	0.02	0.08	1.01e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		142	0.02	0.08	2.51e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		160	0.02	0.06	1.98e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		159	0.02	0.06	2.21e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
127	ok	142	0.02	0.09	1.63e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		143	0.02	0.06	2.98e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		161	0.02	0.04	1.48e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		160	0.02	0.07	2.27e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
128	ok	143	0.02	0.08	9.92e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		144	0.02	0.02	2.06e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		162	0.02	5.77e-03	0.0	2,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		161	0.02	0.05	1.59e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
129	ok	145	0.02	0.06	1.18e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		146	0.02	0.05	6.09e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		164	0.02	0.02	5.92e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		163	0.02	0.01	1.41e-05	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
130	ok	146	0.02	0.05	2.23e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		147	0.02	0.07	2.05e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		165	0.02	0.02	3.84e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		164	0.02	0.02	1.12e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
131	ok	147	0.02	0.07	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		148	0.02	0.09	4.12e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		166	0.02	0.03	1.71e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		165	0.02	0.03	2.91e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
132	ok	148	0.02	0.08	3.15e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		149	0.02	0.10	1.56e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		167	0.02	0.04	2.63e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		166	0.02	0.03	3.35e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
133	ok	149	0.02	0.10	1.58e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		150	0.02	0.09	2.96e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		168	0.02	0.03	3.45e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		167	0.02	0.04	2.61e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
134	ok	150	0.02	0.09	4.02e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		151	0.02	0.07	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		169	0.02	0.03	2.92e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		168	0.02	0.03	1.65e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
135	ok	151	0.02	0.07	2.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		152	0.02	0.05	2.20e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		170	0.02	0.02	1.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		169	0.02	0.02	3.35e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
136	ok	152	0.02	0.05	5.92e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		153	0.02	0.06	1.16e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		171	0.02	0.01	1.34e-05	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		170	0.02	0.02	5.61e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
137	ok	154	0.02	0.03	1.50e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		155	0.02	0.05	8.35e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		173	0.02	0.06	1.23e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		172	0.02	0.03	5.12e-06	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
138	ok	155	0.02	0.05	4.69e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		156	0.02	0.08	2.59e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		174	0.02	0.09	8.54e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		173	0.02	0.05	1.25e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
139	ok	156	0.02	0.09	5.27e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		157	0.02	0.05	2.75e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		175	0.02	0.18	6.67e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		174	0.02	0.10	3.13e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
140	ok	157	0.02	0.04	3.40e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		158	0.02	0.07	1.96e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		176	0.02	0.14	5.05e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		175	0.02	0.16	6.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
141	ok	158	0.02	0.07	1.94e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		159	0.02	0.05	3.51e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		177	0.02	0.16	6.19e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		176	0.02	0.14	5.11e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
142	ok	159	0.02	0.05	2.69e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		160	0.02	0.09	5.25e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		178	0.02	0.10	3.11e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		177	0.02	0.19	6.62e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
143	ok	160	0.02	0.08	1.78e-04	1,32	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		161	0.02	0.05	4.72e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		179	0.02	0.05	8.48e-05	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		178	0.02	0.09	8.61e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
144	ok	161	0.02	0.05	8.36e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		162	0.02	0.03	1.57e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		180	0.02	0.03	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		179	0.02	0.06	1.27e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
145	ok	163	0.02	0.04	1.01e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		164	0.02	0.02	5.45e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		182	0.02	4.31e-03	4.81e-04	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		181	0.02	0.02	1.14e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
146	ok	164	0.02	0.03	1.81e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		165	0.02	0.03	1.18e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		183	0.02	0.01	1.35e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		182	0.02	0.01	1.09e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
147	ok	165	0.02	0.03	1.69e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		166	0.02	0.03	1.05e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		184	0.02	0.02	2.07e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		183	0.02	0.02	1.97e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
148	ok	166	0.02	0.04	1.91e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		167	0.02	0.04	1.45e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		185	0.02	0.03	2.35e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		184	0.02	0.02	2.16e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
149	ok	167	0.02	0.04	1.47e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		168	0.02	0.04	1.86e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		186	0.02	0.02	2.17e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		185	0.02	0.02	2.34e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
150	ok	168	0.02	0.03	1.05e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		169	0.02	0.03	1.66e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		187	0.02	0.02	1.97e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		186	0.02	0.02	2.06e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
151	ok	169	0.02	0.03	1.16e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		170	0.02	0.03	1.79e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		188	0.02	0.01	1.09e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		187	0.02	0.01	1.35e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
152	ok	170	0.02	0.02	5.26e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		171	0.02	0.04	1.02e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		189	0.02	0.02	1.30e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		188	0.02	4.12e-03	4.63e-04	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
153	ok	172	0.02	0.06	1.18e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		173	0.02	0.06	5.88e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		191	0.02	0.05	6.81e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		190	0.02	0.03	1.22e-05	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
154	ok	173	0.02	0.06	3.92e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		174	0.02	0.11	9.28e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		192	0.02	0.06	3.84e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		191	0.02	0.04	5.32e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
155	ok	174	0.02	0.07	2.00e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		175	0.02	0.26	4.63e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		193	0.02	0.05	6.18e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		192	0.02	0.08	2.30e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
156	ok	175	0.02	0.24	1.23e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		176	0.02	0.12	1.80e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		194	0.02	0.10	1.64e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		193	0.02	0.05	2.27e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
157	ok	176	0.02	0.12	1.84e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		177	0.02	0.24	1.16e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		195	0.02	0.05	2.33e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		194	0.02	0.10	1.67e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
158	ok	177	0.02	0.26	4.72e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		178	0.02	0.07	1.98e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		196	0.02	0.08	2.41e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		195	0.02	0.05	5.63e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
159	ok	178	0.02	0.11	9.64e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		179	0.02	0.06	3.98e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		197	0.02	0.04	5.70e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		196	0.02	0.06	3.74e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
160	ok	179	0.02	0.06	5.94e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		180	0.02	0.06	1.24e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		198	0.02	0.03	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		197	0.02	0.05	7.11e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
161	ok	181	0.02	0.01	2.92e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		182	0.02	3.16e-03	4.56e-04	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		200	0.02	0.02	3.27e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		199	0.02	0.04	1.35e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
162	ok	182	0.02	0.01	1.20e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		183	0.02	0.01	1.74e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		201	0.02	0.02	2.98e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		200	0.02	0.02	2.06e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
163	ok	183	0.02	0.02	2.00e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		184	0.02	0.02	2.16e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		202	0.02	0.02	3.93e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		201	0.02	0.02	3.03e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
164	ok	184	0.02	0.02	2.35e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		185	0.02	0.03	2.35e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		203	0.02	0.03	4.36e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		202	0.02	0.02	3.96e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
165	ok	185	0.02	0.03	2.36e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		186	0.02	0.02	2.34e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		204	0.02	0.02	4.01e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		203	0.02	0.03	4.33e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
166	ok	186	0.02	0.02	2.17e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		187	0.02	0.02	1.99e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		205	0.02	0.02	3.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		204	0.02	0.02	3.94e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
167	ok	187	0.02	0.01	1.74e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		188	0.02	0.01	1.19e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		206	0.02	0.02	2.14e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		205	0.02	0.02	3.02e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
168	ok	188	0.02	2.98e-03	4.48e-04	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		189	0.02	0.01	3.03e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		207	0.02	0.04	1.42e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		206	0.02	0.02	3.34e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
169	ok	190	0.02	0.06	1.07e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		191	0.02	0.05	5.54e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		218	0.02	0.02	5.23e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		217	0.02	0.01	7.02e-06	1,32	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
170	ok	191	0.02	0.05	2.04e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		192	0.02	0.07	1.96e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		219	0.02	0.02	3.12e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		218	0.02	0.02	1.02e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
171	ok	192	0.02	0.07	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		193	0.02	0.08	3.81e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		220	0.02	0.03	1.54e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		219	0.02	0.03	2.72e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
172	ok	193	0.02	0.08	2.74e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		194	0.02	0.09	1.48e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		221	0.02	0.04	2.43e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		220	0.02	0.03	3.02e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
173	ok	194	0.02	0.09	1.45e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		195	0.02	0.08	2.97e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		222	0.02	0.03	3.21e-04	1,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		221	0.02	0.04	2.46e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
174	ok	195	0.02	0.08	3.89e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		196	0.02	0.07	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		223	0.02	0.03	2.71e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		222	0.02	0.03	1.61e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
175	ok	196	0.02	0.07	1.89e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		197	0.02	0.05	2.07e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		224	0.02	0.02	1.04e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		223	0.02	0.02	3.70e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
176	ok	197	0.02	0.05	5.71e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		198	0.02	0.06	1.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		225	0.02	0.01	2.52e-05	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		224	0.02	0.02	5.59e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
177	ok	208	0.02	5.68e-03	1.18e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		209	0.02	0.02	1.93e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		227	0.02	0.02	4.37e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		226	0.02	0.02	7.23e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
178	ok	209	0.02	0.01	5.25e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		210	0.02	0.03	3.75e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		228	0.02	0.03	4.29e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		227	0.02	0.02	3.57e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
179	ok	210	0.02	0.03	4.27e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		211	0.02	0.04	3.87e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		229	0.02	0.04	4.07e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		228	0.02	0.03	4.50e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
180	ok	211	0.02	0.04	3.81e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		212	0.02	0.05	3.83e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		230	0.02	0.05	4.18e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		229	0.02	0.05	4.47e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
181	ok	212	0.02	0.05	3.61e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		213	0.02	0.04	4.03e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		231	0.02	0.05	4.74e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		230	0.02	0.05	4.28e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
182	ok	213	0.02	0.04	3.59e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		214	0.02	0.03	4.62e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		232	0.02	0.04	5.19e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		231	0.02	0.05	4.51e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
183	ok	214	0.02	0.03	3.47e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		215	0.02	0.02	5.85e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		233	0.02	0.02	4.17e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		232	0.02	0.03	5.03e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
184	ok	215	0.02	0.02	1.83e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		216	0.02	5.95e-03	1.26e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		234	0.02	0.02	6.76e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		233	0.02	0.02	4.98e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
185	ok	217	0.02	0.04	9.49e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		218	0.02	0.02	4.91e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		236	0.02	3.81e-03	4.32e-04	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		235	0.02	0.02	1.22e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
186	ok	218	0.02	0.03	1.67e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		219	0.02	0.03	1.08e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		237	0.02	0.01	1.26e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		236	0.02	9.71e-03	1.01e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
187	ok	219	0.02	0.03	1.54e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		220	0.02	0.03	9.77e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		238	0.02	0.02	1.92e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		237	0.02	0.02	1.83e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
188	ok	220	0.02	0.04	1.73e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		221	0.02	0.04	1.37e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		239	0.02	0.02	2.18e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		238	0.02	0.02	2.02e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
189	ok	221	0.02	0.04	1.35e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		222	0.02	0.04	1.78e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		240	0.02	0.02	2.01e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		239	0.02	0.02	2.18e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
190	ok	222	0.02	0.03	9.74e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		223	0.02	0.03	1.58e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		241	0.02	0.02	1.83e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		240	0.02	0.02	1.93e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
191	ok	223	0.02	0.03	1.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		224	0.02	0.03	1.69e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		242	0.02	9.50e-03	1.01e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		241	0.02	0.01	1.26e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
192	ok	224	0.02	0.02	5.13e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		225	0.02	0.03	9.37e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		243	0.02	0.02	1.03e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		242	0.02	3.98e-03	4.52e-04	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
193	ok	226	0.02	0.01	1.32e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		227	0.02	0.02	3.97e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		245	0.02	0.04	7.97e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		244	0.02	0.04	3.95e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
194	ok	227	0.02	0.02	8.44e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		228	0.02	0.03	5.65e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		246	0.02	0.05	9.17e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		245	0.02	0.04	8.36e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
195	ok	228	0.02	0.03	8.35e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		229	0.02	0.04	6.83e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		247	0.02	0.06	9.35e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		246	0.02	0.05	9.64e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
196	ok	229	0.02	0.05	7.96e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		230	0.02	0.05	7.40e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		248	0.02	0.06	1.12e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		247	0.02	0.06	1.01e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
197	ok	230	0.02	0.05	7.44e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		231	0.02	0.05	8.57e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		249	0.02	0.06	1.12e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		248	0.02	0.07	1.12e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
198	ok	231	0.02	0.05	7.22e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		232	0.02	0.04	9.49e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		250	0.02	0.05	1.15e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		249	0.02	0.06	1.07e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
199	ok	232	0.02	0.03	6.20e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		233	0.02	0.02	9.50e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		251	0.02	0.04	9.44e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		250	0.02	0.05	1.11e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
200	ok	233	0.02	0.02	4.39e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		234	0.02	0.01	1.36e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		252	0.02	0.04	2.89e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		251	0.02	0.04	8.68e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
201	ok	235	0.02	0.01	2.83e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		236	0.02	2.77e-03	4.20e-04	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		254	0.02	0.02	3.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		253	0.02	0.03	1.32e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
202	ok	236	0.02	0.01	1.11e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		237	0.02	0.01	1.62e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		255	0.02	0.02	2.81e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		254	0.02	0.02	1.99e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
203	ok	237	0.02	0.02	1.85e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		238	0.02	0.02	2.02e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		256	0.02	0.02	3.66e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		255	0.02	0.02	2.88e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
204	ok	238	0.02	0.02	2.17e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		239	0.02	0.02	2.20e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		257	0.02	0.02	4.03e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		256	0.02	0.02	3.73e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
205	ok	239	0.02	0.03	2.18e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		240	0.02	0.02	2.18e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		258	0.02	0.02	3.67e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		257	0.02	0.02	4.05e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
206	ok	240	0.02	0.02	2.00e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		241	0.02	0.02	1.86e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		259	0.02	0.02	2.80e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		258	0.02	0.02	3.65e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
207	ok	241	0.02	0.01	1.61e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		242	0.02	0.01	1.12e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		260	0.02	0.02	1.90e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		259	0.02	0.02	2.76e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
208	ok	242	0.02	2.92e-03	4.28e-04	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		243	0.02	0.01	2.69e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		261	0.02	0.03	1.24e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		260	0.02	0.02	3.01e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
209	ok	244	0.02	0.03	1.18e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		245	0.02	0.04	6.49e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		263	0.02	0.06	9.53e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		262	0.02	0.06	2.51e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
210	ok	245	0.02	0.04	1.25e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		246	0.02	0.05	9.40e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		264	0.02	0.08	1.76e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		263	0.02	0.06	6.58e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
211	ok	246	0.02	0.05	1.67e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		247	0.02	0.06	1.16e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		265	0.02	0.09	2.02e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		264	0.02	0.08	1.24e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
212	ok	247	0.02	0.06	1.70e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		248	0.02	0.06	1.26e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		266	0.02	0.09	3.48e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		265	0.02	0.09	3.90e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
213	ok	248	0.02	0.07	1.30e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		249	0.02	0.06	1.88e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		267	0.02	0.09	5.53e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		266	0.02	0.10	3.54e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
214	ok	249	0.02	0.06	1.34e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		250	0.02	0.05	1.94e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		268	0.02	0.09	1.67e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		267	0.02	0.09	2.28e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
215	ok	250	0.02	0.05	1.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		251	0.02	0.04	1.43e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		269	0.02	0.07	7.17e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		268	0.02	0.08	2.26e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
216	ok	251	0.02	0.04	6.93e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		252	0.02	0.04	1.13e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		270	0.02	0.07	9.75e-05	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		269	0.02	0.07	1.07e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
217	ok	262	0.02	0.06	1.09e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		263	0.02	0.06	5.45e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		272	0.02	0.07	8.70e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		271	0.02	0.07	3.97e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
218	ok	263	0.02	0.06	2.07e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		264	0.02	0.08	7.15e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		273	0.02	0.10	3.69e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		272	0.02	0.07	2.60e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
219	ok	264	0.02	0.09	2.53e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		265	0.02	0.08	2.08e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		274	0.02	0.20	4.11e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		273	0.02	0.08	1.89e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
220	ok	265	0.02	0.07	2.52e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		266	0.02	0.11	3.71e-05	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		275	0.02	0.13	2.47e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		274	0.02	0.20	1.69e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
221	ok	266	0.02	0.11	5.48e-05	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		267	0.02	0.08	2.52e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		276	0.02	0.25	2.99e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		275	0.02	0.13	2.14e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
222	ok	267	0.02	0.08	2.63e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		268	0.02	0.10	3.25e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		277	0.02	0.09	2.74e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		276	0.02	0.25	5.41e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
223	ok	268	0.02	0.09	7.16e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		269	0.02	0.07	2.58e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		278	0.02	0.08	2.31e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		277	0.02	0.12	5.14e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
224	ok	269	0.02	0.07	5.76e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		270	0.02	0.06	8.91e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		279	0.02	0.08	1.04e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		278	0.02	0.08	9.33e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
225	ok	271	0.02	0.06	1.11e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		272	0.02	0.07	4.97e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		281	0.02	0.07	6.28e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		280	0.02	0.06	5.82e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
226	ok	272	0.02	0.07	2.04e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		273	0.02	0.10	5.26e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		282	0.02	0.08	1.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		281	0.02	0.07	6.42e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
227	ok	273	0.02	0.11	1.05e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		274	0.02	0.16	1.63e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		283	0.02	0.08	4.17e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		282	0.02	0.09	1.03e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
228	ok	274	0.02	0.15	7.04e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		275	0.02	0.16	9.50e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		284	0.02	0.10	1.72e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		283	0.02	0.07	8.44e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
229	ok	275	0.02	0.16	1.60e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		276	0.02	0.20	8.63e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		285	0.02	0.08	1.01e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		284	0.02	0.10	2.77e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
230	ok	276	0.02	0.21	2.02e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		277	0.02	0.13	1.40e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		286	0.02	0.11	1.06e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		285	0.02	0.08	2.47e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
231	ok	277	0.02	0.12	5.80e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		278	0.02	0.08	2.43e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		287	0.02	0.08	5.96e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		286	0.02	0.10	2.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
232	ok	278	0.02	0.08	4.32e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		279	0.02	0.07	8.75e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		288	0.02	0.07	2.29e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		287	0.02	0.08	4.64e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
233	ok	280	0.02	0.05	1.14e-03	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		281	0.02	0.06	6.25e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		299	0.02	0.05	6.66e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		298	0.02	0.03	6.17e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
234	ok	281	0.02	0.06	1.02e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		282	0.02	0.08	4.90e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		300	0.02	0.05	7.65e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		299	0.02	0.04	6.22e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
235	ok	282	0.02	0.08	5.53e-04	1,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		283	0.02	0.08	4.02e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		301	0.02	0.05	1.95e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		300	0.02	0.05	9.75e-04	1,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
236	ok	283	0.02	0.08	6.36e-04	1,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		284	0.02	0.08	1.74e-04	1,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		302	0.02	0.04	3.33e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		301	0.02	0.04	4.73e-04	1,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
237	ok	284	0.02	0.09	1.74e-04	1,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		285	0.02	0.09	2.87e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		303	0.02	0.05	4.37e-04	1,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		302	0.02	0.04	3.75e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
238	ok	285	0.02	0.09	3.69e-04	1,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		286	0.02	0.09	9.73e-06	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		304	0.02	0.06	1.19e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		303	0.02	0.05	1.36e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
239	ok	286	0.02	0.09	9.71e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		287	0.02	0.07	9.81e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		305	0.02	0.05	4.50e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		304	0.02	0.06	4.78e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
240	ok	287	0.02	0.07	4.08e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		288	0.02	0.06	8.36e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		306	0.02	0.04	2.66e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		305	0.02	0.05	4.04e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
241	ok	289	0.02	4.66e-03	8.74e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		290	0.02	0.01	1.21e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		308	0.02	0.01	3.56e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		307	0.02	0.01	4.60e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
242	ok	290	0.02	0.01	4.08e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		291	0.02	0.02	2.30e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		309	0.02	0.03	3.67e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		308	0.02	0.01	3.02e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
243	ok	291	0.02	0.02	3.17e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		292	0.02	0.03	2.38e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		310	0.02	0.04	3.22e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		309	0.02	0.03	3.76e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
244	ok	292	0.02	0.03	2.73e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		293	0.02	0.03	2.41e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		311	0.02	0.04	3.01e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		310	0.02	0.04	3.33e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
245	ok	293	0.02	0.03	2.60e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		294	0.02	0.03	2.55e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		312	0.02	0.03	3.10e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		311	0.02	0.04	2.88e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
246	ok	294	0.02	0.03	2.64e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		295	0.02	0.02	2.86e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		313	0.02	0.02	3.04e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		312	0.02	0.03	2.77e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
247	ok	295	0.02	0.02	2.56e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		296	0.02	0.01	3.50e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		314	0.02	0.01	2.38e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		313	0.02	0.02	2.88e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
248	ok	296	0.02	0.01	1.32e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		297	0.02	4.08e-03	7.89e-04	20,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		315	0.02	0.01	4.87e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		314	0.02	0.01	2.91e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
249	ok	298	0.02	0.02	1.09e-03	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		299	0.02	0.04	6.34e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		317	0.02	0.03	6.98e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		316	0.02	8.72e-03	5.43e-04	13,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
250	ok	299	0.02	0.04	9.51e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		300	0.02	0.05	6.96e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		318	0.02	0.03	9.65e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		317	0.02	0.02	4.92e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
251	ok	300	0.02	0.05	8.03e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		301	0.02	0.05	2.49e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		319	0.02	0.03	5.17e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		318	0.02	0.03	8.80e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
252	ok	301	0.02	0.04	5.72e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		302	0.02	0.03	1.40e-04	1,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		320	0.02	0.02	3.33e-04	13,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		319	0.02	0.02	4.01e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
253	ok	302	0.02	0.03	1.11e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		303	0.02	0.05	5.32e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		321	0.02	0.02	3.15e-04	19,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		320	0.02	0.02	2.59e-04	19,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
254	ok	303	0.02	0.05	2.06e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		304	0.02	0.06	6.82e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		322	0.02	0.03	5.18e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		321	0.02	0.02	7.45e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
255	ok	304	0.02	0.06	4.51e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		305	0.02	0.05	7.75e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		323	0.02	0.02	3.78e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		322	0.02	0.03	5.86e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
256	ok	305	0.02	0.05	3.80e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		306	0.02	0.03	7.55e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		324	0.02	0.01	2.01e-04	19,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		323	0.02	0.03	4.26e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
257	ok	307	0.02	8.71e-03	9.34e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		308	0.02	0.01	3.12e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		326	0.02	0.03	6.18e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		325	0.02	0.03	1.74e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
258	ok	308	0.02	0.01	6.74e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		309	0.02	0.03	4.40e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		327	0.02	0.03	8.17e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		326	0.02	0.03	6.76e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
259	ok	309	0.02	0.03	6.77e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		310	0.02	0.03	5.07e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		328	0.02	0.04	7.78e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		327	0.02	0.04	8.35e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
260	ok	310	0.02	0.03	6.00e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		311	0.02	0.04	5.16e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		329	0.02	0.05	7.89e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		328	0.02	0.04	8.01e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
261	ok	311	0.02	0.04	5.05e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		312	0.02	0.03	5.43e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		330	0.02	0.04	6.86e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		329	0.02	0.05	7.85e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
262	ok	312	0.02	0.03	4.60e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		313	0.02	0.02	5.62e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		331	0.02	0.03	6.38e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		330	0.02	0.04	6.33e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
263	ok	313	0.02	0.02	3.78e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		314	0.02	0.01	5.63e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		332	0.02	0.03	5.53e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		331	0.02	0.03	6.08e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
264	ok	314	0.02	0.01	2.65e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		315	0.02	7.81e-03	8.79e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		333	0.02	0.03	2.68e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		332	0.02	0.03	5.29e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
265	ok	316	0.02	7.51e-03	1.02e-03	2,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		317	0.02	0.02	4.80e-04	1,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		335	0.02	0.03	6.11e-04	1,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		334	0.02	0.02	4.63e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
266	ok	317	0.02	0.02	1.57e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		318	0.02	0.04	3.90e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		336	0.02	0.05	2.87e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		335	0.02	0.03	1.58e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
267	ok	318	0.02	0.04	1.60e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		319	0.02	0.02	7.24e-04	13,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		337	0.02	0.10	2.04e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		336	0.02	0.05	1.02e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
268	ok	319	0.02	0.02	1.16e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		320	0.02	0.02	7.21e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		338	0.02	0.07	1.43e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		337	0.02	0.08	2.18e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
269	ok	320	0.02	0.02	3.76e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		321	0.02	0.02	6.95e-04	19,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		339	0.02	0.05	1.22e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		338	0.02	0.07	1.34e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
270	ok	321	0.02	0.02	8.14e-04	11,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		322	0.02	0.04	1.33e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		340	0.02	0.05	7.34e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		339	0.02	0.06	1.61e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
271	ok	322	0.02	0.03	2.73e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		323	0.02	0.02	1.13e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		341	0.02	0.02	1.28e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		340	0.02	0.03	1.89e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
272	ok	323	0.02	0.03	2.60e-04	1,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		324	0.02	7.19e-03	6.81e-04	19,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		342	0.02	0.01	1.71e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		341	0.02	0.02	3.59e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
273	ok	325	0.02	0.03	7.47e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		326	0.02	0.03	4.86e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		344	0.02	0.05	7.71e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		343	0.02	0.05	7.67e-05	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
274	ok	326	0.02	0.03	1.02e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		327	0.02	0.03	7.99e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		345	0.02	0.06	1.71e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		344	0.02	0.05	4.97e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
275	ok	327	0.02	0.04	1.41e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		328	0.02	0.04	9.80e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		346	0.02	0.07	1.65e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		345	0.02	0.06	1.28e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
276	ok	328	0.02	0.04	1.35e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		329	0.02	0.05	9.25e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		347	0.02	0.07	2.52e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		346	0.02	0.06	3.95e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
277	ok	329	0.02	0.05	8.51e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		330	0.02	0.04	1.17e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		348	0.02	0.06	3.07e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		347	0.02	0.06	2.48e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
278	ok	330	0.02	0.04	7.57e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		331	0.02	0.03	1.13e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		349	0.02	0.05	7.44e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		348	0.02	0.06	1.44e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
279	ok	331	0.02	0.03	6.75e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		332	0.02	0.03	8.29e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		350	0.02	0.04	4.28e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		349	0.02	0.05	1.13e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
280	ok	332	0.02	0.03	4.31e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		333	0.02	0.02	7.86e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		351	0.02	0.04	2.05e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		350	0.02	0.04	6.22e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
281	ok	334	0.02	0.02	8.75e-04	1,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		335	0.02	0.03	3.25e-04	1,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		353	0.02	0.02	4.23e-04	1,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		352	0.02	0.02	3.86e-04	1,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
282	ok	335	0.02	0.03	1.39e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		336	0.02	0.05	3.52e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		354	0.02	0.03	1.11e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		353	0.02	0.02	3.46e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
283	ok	336	0.02	0.03	7.04e-04	13,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		337	0.02	0.15	1.54e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		355	0.02	0.02	4.82e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		354	0.02	0.04	8.69e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
284	ok	337	0.02	0.13	2.95e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		338	0.02	0.05	6.52e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		356	0.02	0.05	3.20e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		355	0.02	0.03	7.37e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
285	ok	338	0.02	0.04	3.36e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		339	0.02	0.12	3.51e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		357	0.02	0.03	5.56e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		356	0.02	0.05	6.19e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
286	ok	339	0.02	0.12	1.08e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		340	0.02	0.03	6.31e-04	11,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		358	0.02	0.03	4.46e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		357	0.02	0.03	4.74e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
287	ok	340	0.02	0.04	1.81e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		341	0.02	0.02	8.62e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		359	0.02	0.02	2.07e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		358	0.02	0.02	1.03e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
288	ok	341	0.02	0.02	1.57e-04	1,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		342	0.02	0.02	5.88e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		360	0.02	0.01	1.86e-04	1,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		359	0.02	0.02	2.48e-04	1,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
289	ok	343	0.02	0.04	5.53e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		344	0.02	0.05	3.99e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		362	0.02	0.06	6.63e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		361	0.02	0.06	7.28e-05	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
290	ok	344	0.02	0.05	1.93e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		345	0.02	0.06	6.50e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		363	0.02	0.09	4.02e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		362	0.02	0.06	2.23e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
291	ok	345	0.02	0.07	2.47e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		346	0.02	0.06	1.99e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		364	0.02	0.17	4.23e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		363	0.02	0.06	2.16e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
292	ok	346	0.02	0.06	1.79e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		347	0.02	0.08	1.91e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		365	0.02	0.08	1.52e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		364	0.02	0.17	2.50e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
293	ok	347	0.02	0.08	7.92e-05	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		348	0.02	0.05	1.77e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		366	0.02	0.12	1.03e-03	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		365	0.02	0.09	1.89e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
294	ok	348	0.02	0.05	1.37e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		349	0.02	0.06	1.69e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		367	0.02	0.06	1.22e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		366	0.02	0.12	2.77e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
295	ok	349	0.02	0.05	6.52e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		350	0.02	0.04	1.35e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		368	0.02	0.05	2.70e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		367	0.02	0.07	2.38e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
296	ok	350	0.02	0.04	3.52e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		351	0.02	0.04	7.36e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		369	0.02	0.05	3.61e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		368	0.02	0.05	5.62e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
297	ok	352	0.02	0.02	6.03e-04	1,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		353	0.02	0.02	2.33e-04	1,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		371	0.02	9.91e-03	2.73e-04	1,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		370	0.02	7.61e-03	2.37e-04	1,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
298	ok	353	0.02	0.02	6.85e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		354	0.02	0.03	5.36e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		372	0.02	9.52e-03	2.74e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		371	0.02	9.25e-03	4.71e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
299	ok	354	0.02	0.03	2.15e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		355	0.02	0.04	1.99e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		373	0.02	0.01	5.40e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		372	0.02	0.01	8.22e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
300	ok	355	0.02	0.04	1.05e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		356	0.02	0.04	4.00e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		374	0.02	0.02	7.82e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		373	0.02	0.01	2.62e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
301	ok	356	0.02	0.04	5.16e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		357	0.02	0.04	5.65e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		375	0.02	0.02	2.76e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		374	0.02	0.02	6.12e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
302	ok	357	0.02	0.04	2.11e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		358	0.02	0.03	2.81e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		376	0.02	0.01	7.22e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		375	0.02	0.01	4.30e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
303	ok	358	0.02	0.03	5.72e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		359	0.02	0.02	4.92e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		377	0.02	8.99e-03	3.81e-04	1,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		376	0.02	0.01	1.62e-04	1,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
304	ok	359	0.02	0.02	1.40e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		360	0.02	0.02	4.34e-04	1,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		378	0.02	6.59e-03	1.57e-04	1,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		377	0.02	9.11e-03	1.61e-04	1,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
305	ok	361	0.02	0.05	6.37e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		362	0.02	0.06	3.05e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		380	0.02	0.05	3.06e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		379	0.02	0.05	1.56e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
306	ok	362	0.02	0.06	1.81e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		363	0.02	0.08	3.80e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		381	0.02	0.07	1.75e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		380	0.02	0.05	5.52e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
307	ok	363	0.02	0.09	1.14e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		364	0.02	0.15	1.53e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		382	0.02	0.06	2.83e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		381	0.02	0.08	7.05e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
308	ok	364	0.02	0.14	6.94e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		365	0.02	0.10	1.26e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		383	0.02	0.07	2.11e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		382	0.02	0.06	8.61e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
309	ok	365	0.02	0.10	5.51e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		366	0.02	0.09	6.20e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		384	0.02	0.05	7.70e-04	1,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		383	0.02	0.07	1.65e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
310	ok	366	0.02	0.10	1.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		367	0.02	0.07	8.01e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		385	0.02	0.06	6.45e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		384	0.02	0.05	5.03e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
311	ok	367	0.02	0.06	3.25e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		368	0.02	0.05	1.34e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		386	0.02	0.04	6.02e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		385	0.02	0.06	7.24e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
312	ok	368	0.02	0.05	4.37e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		369	0.02	0.04	8.86e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		387	0.02	0.04	5.44e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		386	0.02	0.04	5.27e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
313	ok	370	0.02	0.01	3.04e-04	1,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		371	0.02	9.56e-03	1.96e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		389	0.02	3.37e-03	1.65e-04	19,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		388	0.02	4.90e-03	9.02e-05	13,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
314	ok	371	0.02	0.01	5.33e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		372	0.02	0.01	3.61e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		390	0.02	6.02e-03	3.83e-04	19,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		389	0.02	6.42e-03	3.41e-04	13,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
315	ok	372	0.02	0.01	5.00e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		373	0.02	0.02	2.90e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		391	0.02	8.60e-03	5.71e-04	19,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		390	0.02	7.23e-03	5.39e-04	13,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
316	ok	373	0.02	0.01	5.53e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		374	0.02	0.02	3.59e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		392	0.02	9.88e-03	6.39e-04	11,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		391	0.02	8.76e-03	5.70e-04	19,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
317	ok	374	0.02	0.02	4.22e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		375	0.02	0.02	4.44e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		393	0.02	0.01	5.78e-04	19,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		392	0.02	0.01	6.01e-04	19,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
318	ok	375	0.02	0.02	2.78e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		376	0.02	0.01	3.87e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		394	0.02	9.60e-03	5.04e-04	19,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		393	0.02	9.57e-03	5.26e-04	19,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
319	ok	376	0.02	0.01	2.68e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		377	0.02	0.01	4.20e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		395	0.02	7.62e-03	3.00e-04	19,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		394	0.02	7.52e-03	3.44e-04	19,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
320	ok	377	0.02	8.45e-03	1.04e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		378	0.02	0.01	2.83e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		396	0.02	5.40e-03	8.28e-05	19,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		395	0.02	5.10e-03	1.08e-04	19,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
321	ok	379	0.02	0.04	6.36e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		380	0.02	0.05	2.95e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		398	0.02	0.04	2.90e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		397	0.02	0.03	2.23e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
322	ok	380	0.02	0.05	6.57e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		381	0.02	0.07	8.16e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		399	0.02	0.04	3.89e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		398	0.02	0.04	2.71e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
323	ok	381	0.02	0.07	2.86e-05	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		382	0.02	0.07	2.87e-04	1,8	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		400	0.02	0.04	1.28e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		399	0.02	0.04	9.15e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
324	ok	382	0.02	0.06	2.18e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		383	0.02	0.06	1.86e-04	1,8	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		401	0.02	0.03	3.53e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		400	0.02	0.04	3.61e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
325	ok	383	0.02	0.06	2.10e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		384	0.02	0.06	6.29e-04	1,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		402	0.02	0.04	4.26e-04	1,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		401	0.02	0.03	2.86e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
326	ok	384	0.02	0.06	3.63e-04	1,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		385	0.02	0.05	6.33e-04	1,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		403	0.02	0.04	8.58e-04	1,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		402	0.02	0.04	2.14e-04	1,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
327	ok	385	0.02	0.05	5.03e-04	1,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		386	0.02	0.04	6.94e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		404	0.02	0.03	5.08e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		403	0.02	0.04	7.35e-04	1,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
328	ok	386	0.02	0.04	5.74e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		387	0.02	0.04	9.65e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		405	0.02	0.03	6.16e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		404	0.02	0.03	6.03e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
329	ok	388	0.02	4.27e-03	8.53e-05	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		389	0.02	2.48e-03	1.44e-04	13,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		407	0.02	4.37e-03	7.79e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		406	0.02	7.83e-03	2.80e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
330	ok	389	0.02	4.31e-03	3.43e-04	13,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		390	0.02	3.49e-03	4.63e-04	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		408	0.02	3.83e-03	7.62e-04	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		407	0.02	4.60e-03	4.57e-04	13,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
331	ok	390	0.02	5.14e-03	5.51e-04	13,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		391	0.02	7.17e-03	5.63e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		409	0.02	6.05e-03	1.05e-03	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		408	0.02	5.61e-03	7.37e-04	13,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
332	ok	391	0.02	6.62e-03	6.36e-04	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		392	0.02	9.44e-03	6.07e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		410	0.02	6.55e-03	1.18e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		409	0.02	5.66e-03	1.00e-03	13,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
333	ok	392	0.02	8.26e-03	6.36e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		393	0.02	8.86e-03	5.98e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		411	0.02	6.36e-03	1.10e-03	19,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		410	0.02	5.54e-03	1.11e-03	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
334	ok	393	0.02	7.43e-03	5.80e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		394	0.02	7.83e-03	5.00e-04	19,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		412	0.02	6.43e-03	8.81e-04	19,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		411	0.02	4.94e-03	1.02e-03	13,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
335	ok	394	0.02	6.02e-03	4.61e-04	19,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		395	0.02	5.74e-03	2.88e-04	19,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		413	0.02	5.02e-03	6.61e-04	19,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		412	0.02	4.30e-03	8.18e-04	13,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
336	ok	395	0.02	3.96e-03	9.73e-05	11,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		396	0.02	3.74e-03	9.67e-05	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		414	0.02	9.38e-03	4.61e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		413	0.02	4.04e-03	9.66e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
337	ok	397	0.02	0.03	6.14e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		398	0.02	0.04	2.92e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		416	0.02	0.02	3.07e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		415	0.02	0.01	2.29e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
338	ok	398	0.02	0.03	4.83e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		399	0.02	0.04	2.80e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		417	0.02	0.03	3.66e-04	1,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		416	0.02	0.02	3.13e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
339	ok	399	0.02	0.04	4.54e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		400	0.02	0.04	1.80e-04	1,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		418	0.02	0.03	5.13e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		417	0.02	0.03	3.38e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
340	ok	400	0.02	0.04	3.19e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		401	0.02	0.03	1.15e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		419	0.02	0.02	1.01e-04	17,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		418	0.02	0.02	2.43e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
341	ok	401	0.02	0.03	1.43e-04	1,8	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		402	0.02	0.04	3.51e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		420	0.02	0.01	3.70e-04	1,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		419	0.02	0.02	8.83e-05	11,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
342	ok	402	0.02	0.04	2.21e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		403	0.02	0.04	6.70e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		421	0.02	0.02	7.58e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		420	0.02	0.02	2.36e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
343	ok	403	0.02	0.04	6.09e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		404	0.02	0.03	7.09e-04	1,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		422	0.02	0.02	4.70e-04	1,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		421	0.02	0.02	7.83e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
344	ok	404	0.02	0.03	5.92e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		405	0.02	0.02	9.80e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		423	0.02	0.01	6.10e-04	11,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		422	0.02	0.02	6.27e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
345	ok	415	0.02	9.87e-03	5.79e-04	21,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		416	0.02	0.02	2.12e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		425	0.02	0.01	2.80e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		424	0.02	7.80e-03	2.35e-04	21,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
346	ok	416	0.02	0.02	6.41e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		417	0.02	0.03	3.58e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		426	0.02	0.02	8.46e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		425	0.02	0.01	1.54e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
347	ok	417	0.02	0.03	7.18e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		418	0.02	0.02	5.30e-04	17,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		427	0.02	0.04	7.65e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		426	0.02	0.03	4.34e-04	17,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
348	ok	418	0.02	0.02	3.33e-04	1,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		419	0.02	0.02	1.88e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		428	0.02	0.03	6.18e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		427	0.02	0.02	4.78e-04	17,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
349	ok	419	0.02	0.02	4.85e-04	11,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		420	0.02	0.02	6.48e-04	11,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		429	0.02	0.03	1.33e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		428	0.02	0.02	7.54e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
350	ok	420	0.02	0.02	4.07e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		421	0.02	0.02	9.83e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		430	0.02	0.02	5.83e-04	11,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		429	0.02	0.05	1.16e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
351	ok	421	0.02	0.02	3.27e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		422	0.02	0.02	1.04e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		431	0.02	0.01	2.10e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		430	0.02	0.02	1.85e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
352	ok	422	0.02	0.02	4.78e-04	1,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		423	0.02	8.48e-03	9.53e-04	11,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		432	0.02	6.46e-03	5.71e-04	11,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		431	0.02	0.01	5.60e-04	1,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
353	ok	424	0.02	4.91e-03	5.07e-04	21,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		425	0.02	0.01	1.46e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		434	0.02	6.73e-03	2.21e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		433	0.02	5.74e-03	2.29e-04	21,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
354	ok	425	0.02	0.01	5.51e-04	1,8	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		426	0.02	0.02	1.65e-04	1,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		435	0.02	0.01	6.43e-04	17,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		434	0.02	8.84e-03	1.92e-04	21,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
355	ok	426	0.02	0.03	4.96e-04	17,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		427	0.02	0.05	5.35e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		436	0.02	0.02	4.09e-04	17,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		435	0.02	0.01	2.21e-04	17,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
356	ok	427	0.02	0.06	1.84e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		428	0.02	0.02	1.44e-04	11,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		437	0.02	0.02	4.16e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		436	0.02	0.02	2.97e-04	21,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
357	ok	428	0.02	0.02	3.81e-04	21,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		429	0.02	0.06	1.22e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		438	0.02	0.02	4.85e-04	14,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		437	0.02	0.02	1.88e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
358	ok	429	0.02	0.07	9.80e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		430	0.02	0.02	5.50e-04	11,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		439	0.02	0.02	5.96e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		438	0.02	0.02	4.13e-04	11,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
359	ok	430	0.02	0.02	2.35e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		431	0.02	9.44e-03	9.29e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		440	0.02	7.45e-03	3.16e-04	11,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		439	0.02	8.14e-03	7.07e-04	11,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
360	ok	431	0.02	0.01	3.48e-04	1,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		432	0.02	5.22e-03	8.30e-04	2,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		441	0.02	4.90e-03	4.80e-04	11,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		440	0.02	5.82e-03	4.19e-04	2,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
361	ok	433	0.02	4.23e-03	3.76e-04	2,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		434	0.02	6.53e-03	1.43e-04	1,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		443	0.02	5.58e-03	1.43e-04	21,8	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		442	0.02	5.22e-03	1.76e-04	21,8	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
362	ok	434	0.02	8.55e-03	3.39e-04	17,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		435	0.02	0.01	4.29e-04	17,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		444	0.02	0.01	1.56e-04	17,8	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		443	0.02	7.91e-03	3.19e-04	21,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
363	ok	435	0.02	0.01	3.63e-04	17,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		436	0.02	0.01	4.01e-04	1,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		445	0.02	0.01	3.95e-04	17,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		444	0.02	0.01	5.35e-04	17,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
364	ok	436	0.02	0.02	4.53e-04	21,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		437	0.02	0.02	4.15e-04	21,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		446	0.02	0.01	4.75e-04	21,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		445	0.02	0.01	3.17e-04	17,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
365	ok	437	0.02	0.02	3.83e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		438	0.02	0.01	7.41e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		447	0.02	0.01	3.14e-04	21,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		446	0.02	0.01	5.19e-04	21,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
366	ok	438	0.02	0.02	2.20e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		439	0.02	9.51e-03	3.01e-04	11,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		448	0.02	9.12e-03	6.33e-04	11,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		447	0.02	0.01	4.10e-04	21,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
367	ok	439	0.02	9.80e-03	3.40e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		440	0.02	7.14e-03	4.93e-04	11,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		449	0.02	6.68e-03	4.35e-04	11,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		448	0.02	7.30e-03	2.90e-04	11,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
368	ok	440	0.02	5.71e-03	2.42e-04	2,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		441	0.02	6.01e-03	5.77e-04	2,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		450	0.02	4.96e-03	3.02e-04	11,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		449	0.02	5.02e-03	2.78e-04	21,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
369	ok	442	0.02	2.92e-03	2.25e-04	21,8	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		443	0.02	5.04e-03	9.85e-05	17,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		452	0.02	5.62e-03	9.17e-05	17,8	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		451	0.02	6.30e-03	8.21e-05	1,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
370	ok	443	0.02	7.34e-03	2.88e-04	17,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		444	0.02	9.05e-03	2.02e-04	17,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		453	0.02	8.30e-03	2.50e-04	17,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		452	0.02	7.28e-03	2.50e-04	17,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
371	ok	444	0.02	0.01	2.71e-04	17,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		445	0.02	0.01	2.38e-04	17,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		454	0.02	0.01	3.33e-04	17,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		453	0.02	9.70e-03	3.19e-04	17,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
372	ok	445	0.02	0.01	2.62e-04	17,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		446	0.02	0.01	3.11e-04	21,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		455	0.02	0.01	3.78e-04	21,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		454	0.02	0.01	3.74e-04	17,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
373	ok	446	0.02	0.01	2.39e-04	21,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		447	0.02	9.64e-03	3.71e-04	21,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		456	0.02	0.01	3.64e-04	21,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		455	0.02	0.01	4.14e-04	21,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
374	ok	447	0.02	8.45e-03	2.20e-04	21,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		448	0.02	8.37e-03	3.48e-04	11,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		457	0.02	8.00e-03	3.53e-04	21,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		456	0.02	0.01	3.70e-04	21,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
375	ok	448	0.02	6.56e-03	2.43e-04	21,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		449	0.02	5.95e-03	3.73e-04	11,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		458	0.02	6.33e-03	3.07e-04	11,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		457	0.02	7.75e-03	2.51e-04	21,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
376	ok	449	0.02	5.08e-03	1.37e-04	21,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		450	0.02	2.89e-03	2.91e-04	2,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		459	0.02	5.30e-03	1.10e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		458	0.02	4.75e-03	1.59e-04	21,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
377	ok	451	0.02	3.91e-03	8.97e-05	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		452	0.02	5.92e-03	7.22e-05	3,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		461	0.02	4.24e-03	6.93e-04	11,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		460	0.02	7.74e-03	3.57e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
378	ok	452	0.02	6.08e-03	1.70e-04	9,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		453	0.02	7.32e-03	2.98e-04	3,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		462	0.02	6.38e-03	5.49e-04	3,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		461	0.02	4.72e-03	4.91e-04	17,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
379	ok	453	0.02	8.35e-03	3.09e-04	17,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		454	0.02	8.72e-03	3.77e-04	17,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		463	0.02	7.16e-03	6.49e-04	11,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		462	0.02	6.79e-03	6.08e-04	17,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
380	ok	454	0.02	9.31e-03	3.73e-04	17,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		455	0.02	8.88e-03	4.13e-04	21,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		464	0.02	7.60e-03	6.91e-04	11,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		463	0.02	7.55e-03	7.24e-04	21,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
381	ok	455	0.02	8.74e-03	3.80e-04	21,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		456	0.02	7.60e-03	4.12e-04	21,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		465	0.02	7.28e-03	6.18e-04	11,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		464	0.02	7.16e-03	7.64e-04	21,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
382	ok	456	0.02	7.33e-03	3.54e-04	21,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		457	0.02	6.24e-03	3.59e-04	11,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		466	0.02	6.38e-03	4.48e-04	11,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		465	0.02	6.21e-03	6.75e-04	21,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
383	ok	457	0.02	5.71e-03	2.93e-04	21,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		458	0.02	4.85e-03	2.25e-04	11,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		467	0.02	4.55e-03	2.68e-04	11,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		466	0.02	4.92e-03	4.81e-04	21,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
384	ok	458	0.02	3.93e-03	9.21e-05	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		459	0.02	3.07e-03	8.66e-05	11,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		468	0.02	6.37e-03	1.84e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		467	0.02	3.36e-03	4.84e-04	21,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
385	ok	469	0.02	7.72e-03	3.57e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		470	0.02	4.30e-03	6.91e-04	20,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		479	0.02	5.94e-03	7.13e-05	3,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		478	0.02	3.93e-03	8.70e-05	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
386	ok	470	0.02	4.32e-03	4.90e-04	10,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		471	0.02	6.40e-03	5.47e-04	3,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		480	0.02	7.35e-03	2.97e-04	3,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		479	0.02	5.74e-03	1.69e-04	10,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
387	ok	471	0.02	6.25e-03	6.06e-04	10,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		472	0.02	7.42e-03	6.45e-04	20,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		481	0.02	8.13e-03	3.75e-04	10,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		480	0.02	7.88e-03	3.07e-04	3,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
388	ok	472	0.02	6.96e-03	7.21e-04	14,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		473	0.02	7.64e-03	6.86e-04	20,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		482	0.02	8.22e-03	4.10e-04	14,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		481	0.02	8.68e-03	3.70e-04	14,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
389	ok	473	0.02	6.79e-03	7.58e-04	14,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		474	0.02	7.19e-03	6.12e-04	20,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		483	0.02	7.16e-03	4.09e-04	14,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		482	0.02	8.31e-03	3.77e-04	14,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
390	ok	474	0.02	6.01e-03	6.69e-04	14,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		475	0.02	6.20e-03	4.43e-04	20,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		484	0.02	6.03e-03	3.56e-04	20,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		483	0.02	7.09e-03	3.51e-04	14,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
391	ok	475	0.02	4.83e-03	4.76e-04	14,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		476	0.02	4.38e-03	2.65e-04	20,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		485	0.02	4.67e-03	2.23e-04	20,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		484	0.02	5.62e-03	2.90e-04	14,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
392	ok	476	0.02	3.33e-03	4.79e-04	14,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		477	0.02	6.34e-03	1.77e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		486	0.02	3.03e-03	7.94e-05	20,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		485	0.02	3.98e-03	9.11e-05	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
393	ok	478	0.02	6.31e-03	6.93e-05	1,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		479	0.02	5.39e-03	8.11e-05	10,15	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		488	0.02	4.85e-03	9.33e-05	10,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		487	0.02	2.84e-03	2.10e-04	2,15	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
394	ok	479	0.02	6.78e-03	2.27e-04	10,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		480	0.02	7.86e-03	2.33e-04	10,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		489	0.02	8.51e-03	1.88e-04	10,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		488	0.02	6.84e-03	2.66e-04	10,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
395	ok	480	0.02	8.98e-03	3.18e-04	10,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		481	0.02	9.74e-03	3.28e-04	10,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		490	0.02	0.01	2.29e-04	10,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		489	0.02	0.01	2.54e-04	10,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
396	ok	481	0.02	0.01	3.72e-04	14,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		482	0.02	0.01	3.75e-04	14,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		491	0.02	0.01	3.10e-04	14,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		490	0.02	0.01	2.55e-04	10,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
397	ok	482	0.02	0.01	4.11e-04	14,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		483	0.02	9.48e-03	3.61e-04	14,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		492	0.02	8.80e-03	3.70e-04	14,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		491	0.02	0.01	2.34e-04	14,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
398	ok	483	0.02	9.55e-03	3.67e-04	14,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		484	0.02	7.51e-03	3.47e-04	14,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		493	0.02	7.82e-03	3.39e-04	20,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		492	0.02	8.00e-03	2.13e-04	14,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
399	ok	484	0.02	7.47e-03	2.49e-04	14,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		485	0.02	6.11e-03	2.90e-04	20,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		494	0.02	5.63e-03	3.55e-04	20,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		493	0.02	6.39e-03	2.41e-04	14,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
400	ok	485	0.02	4.60e-03	1.47e-04	14,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		486	0.02	5.30e-03	9.70e-05	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		495	0.02	2.78e-03	2.70e-04	2,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		494	0.02	5.00e-03	1.36e-04	14,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
401	ok	487	0.02	5.05e-03	1.43e-04	36,15	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		488	0.02	5.34e-03	1.24e-04	20,15	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		497	0.02	6.52e-03	1.32e-04	1,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		496	0.02	4.13e-03	3.43e-04	2,15	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
402	ok	488	0.02	7.17e-03	2.82e-04	10,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		489	0.02	9.22e-03	1.42e-04	10,15	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		498	0.02	9.65e-03	4.12e-04	10,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		497	0.02	7.73e-03	3.05e-04	10,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
403	ok	489	0.02	0.01	5.19e-04	10,15	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		490	0.02	0.01	3.72e-04	10,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		499	0.02	0.01	3.63e-04	1,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		498	0.02	0.01	3.24e-04	10,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
404	ok	490	0.02	0.01	3.07e-04	14,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		491	0.02	0.01	4.52e-04	14,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		500	0.02	0.01	4.00e-04	14,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		499	0.02	0.01	4.44e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
405	ok	491	0.02	0.01	5.15e-04	14,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		492	0.02	0.01	3.17e-04	14,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		501	0.02	0.01	7.40e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		500	0.02	0.02	3.82e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
406	ok	492	0.02	9.79e-03	3.97e-04	14,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		493	0.02	8.61e-03	6.18e-04	20,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		502	0.02	8.66e-03	2.83e-04	20,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		501	0.02	0.02	2.14e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
407	ok	493	0.02	6.98e-03	2.74e-04	20,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		494	0.02	6.42e-03	4.04e-04	20,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		503	0.02	6.59e-03	4.63e-04	20,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		502	0.02	9.58e-03	3.35e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
408	ok	494	0.02	4.80e-03	2.54e-04	14,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		495	0.02	4.92e-03	2.65e-04	20,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		504	0.02	5.83e-03	5.33e-04	2,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		503	0.02	5.57e-03	2.20e-04	2,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
409	ok	496	0.02	5.15e-03	1.76e-04	34,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		497	0.02	6.73e-03	1.87e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		506	0.02	0.01	1.35e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		505	0.02	4.79e-03	4.56e-04	36,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
410	ok	497	0.02	7.84e-03	2.01e-04	10,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		498	0.02	0.01	6.44e-04	10,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		507	0.02	0.02	1.53e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		506	0.02	0.01	5.00e-04	1,15	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
411	ok	498	0.02	9.45e-03	2.08e-04	10,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		499	0.02	0.02	3.65e-04	10,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		508	0.02	0.05	5.28e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		507	0.02	0.02	4.50e-04	10,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
412	ok	499	0.02	0.02	2.92e-04	14,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		500	0.02	0.02	4.10e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		509	0.02	0.02	1.43e-04	20,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		508	0.02	0.06	1.85e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
413	ok	500	0.02	0.02	2.05e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		501	0.02	0.01	4.83e-04	21,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		510	0.02	0.06	1.17e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		509	0.02	0.02	3.76e-04	14,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
414	ok	501	0.02	0.01	3.89e-04	20,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		502	0.02	0.02	5.91e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		511	0.02	0.02	5.13e-04	20,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		510	0.02	0.07	9.71e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
415	ok	502	0.02	7.67e-03	6.96e-04	20,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		503	0.02	6.90e-03	2.68e-04	20,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		512	0.02	9.49e-03	9.17e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		511	0.02	0.02	2.33e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
416	ok	503	0.02	5.69e-03	3.77e-04	2,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		504	0.02	4.82e-03	4.19e-04	20,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		513	0.02	5.02e-03	7.64e-04	2,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		512	0.02	0.01	3.09e-04	1,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
417	ok	505	0.02	6.92e-03	1.69e-04	34,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		506	0.02	0.01	2.33e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		524	0.02	0.02	1.67e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		523	0.02	9.35e-03	5.14e-04	3,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
418	ok	506	0.02	0.01	1.44e-04	1,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		507	0.02	0.02	8.42e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		525	0.02	0.03	3.13e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		524	0.02	0.02	6.38e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
419	ok	507	0.02	0.02	4.14e-04	10,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		508	0.02	0.04	7.60e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		526	0.02	0.02	5.24e-04	10,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		525	0.02	0.03	7.12e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
420	ok	508	0.02	0.02	4.75e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		509	0.02	0.03	6.08e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		527	0.02	0.02	1.90e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		526	0.02	0.02	2.83e-04	1,7	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
421	ok	509	0.02	0.02	7.45e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		510	0.02	0.03	1.31e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		528	0.02	0.02	6.39e-04	20,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		527	0.02	0.02	4.77e-04	20,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
422	ok	510	0.02	0.05	1.14e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		511	0.02	0.02	5.73e-04	20,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		529	0.02	0.02	9.71e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		528	0.02	0.02	3.56e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
423	ok	511	0.02	0.02	1.82e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		512	0.02	0.01	1.57e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		530	0.02	0.02	1.03e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		529	0.02	0.02	2.73e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
424	ok	512	0.02	0.01	5.01e-04	1,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		513	0.02	6.29e-03	4.94e-04	20,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		531	0.02	8.29e-03	8.72e-04	20,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		530	0.02	0.02	4.21e-04	1,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
425	ok	514	0.02	7.90e-03	2.91e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		515	0.02	4.43e-03	7.93e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		533	0.02	2.49e-03	1.43e-04	22,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		532	0.02	4.30e-03	8.13e-05	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
426	ok	515	0.02	4.50e-03	4.70e-04	22,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		516	0.02	3.85e-03	7.69e-04	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		534	0.02	3.43e-03	4.64e-04	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		533	0.02	4.25e-03	3.42e-04	22,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
427	ok	516	0.02	5.48e-03	7.48e-04	22,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		517	0.02	6.06e-03	1.05e-03	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		535	0.02	7.11e-03	5.64e-04	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		534	0.02	5.07e-03	5.49e-04	22,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
428	ok	517	0.02	5.53e-03	1.01e-03	22,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		518	0.02	6.54e-03	1.17e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		536	0.02	9.32e-03	6.08e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		535	0.02	6.59e-03	6.33e-04	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
429	ok	518	0.02	5.60e-03	1.11e-03	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		519	0.02	6.07e-03	1.09e-03	12,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		537	0.02	8.71e-03	5.99e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		536	0.02	8.13e-03	6.33e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
430	ok	519	0.02	4.88e-03	1.02e-03	22,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		520	0.02	6.15e-03	8.68e-04	12,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		538	0.02	7.47e-03	5.00e-04	12,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		537	0.02	7.28e-03	5.76e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
431	ok	520	0.02	4.28e-03	8.11e-04	22,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		521	0.02	4.84e-03	6.46e-04	12,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		539	0.02	5.52e-03	2.88e-04	12,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		538	0.02	5.79e-03	4.57e-04	12,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
432	ok	521	0.02	3.98e-03	9.52e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		522	0.02	9.30e-03	4.49e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		540	0.02	3.74e-03	9.46e-05	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		539	0.02	3.89e-03	9.73e-05	20,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
433	ok	523	0.02	0.01	1.55e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		524	0.02	0.02	2.48e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		542	0.02	0.04	2.33e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		541	0.02	0.03	5.41e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
434	ok	524	0.02	0.02	2.88e-04	1,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		525	0.02	0.03	3.54e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		543	0.02	0.04	2.56e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		542	0.02	0.03	4.80e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
435	ok	525	0.02	0.03	3.09e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		526	0.02	0.03	5.05e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		544	0.02	0.04	1.60e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		543	0.02	0.04	4.49e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
436	ok	526	0.02	0.02	2.17e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		527	0.02	0.02	1.01e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		545	0.02	0.03	1.06e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		544	0.02	0.04	3.13e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
437	ok	527	0.02	0.02	8.74e-05	20,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		528	0.02	0.01	3.43e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		546	0.02	0.04	3.33e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		545	0.02	0.03	1.31e-04	1,15	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
438	ok	528	0.02	0.02	2.38e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		529	0.02	0.02	6.69e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		547	0.02	0.04	5.99e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		546	0.02	0.04	1.93e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
439	ok	529	0.02	0.02	6.98e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		530	0.02	0.02	4.13e-04	1,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		548	0.02	0.03	6.44e-04	1,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		547	0.02	0.04	5.26e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
440	ok	530	0.02	0.02	5.58e-04	1,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		531	0.02	0.01	5.27e-04	20,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		549	0.02	0.02	8.94e-04	1,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		548	0.02	0.03	5.23e-04	1,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
441	ok	532	0.02	4.91e-03	8.38e-05	22,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		533	0.02	3.67e-03	1.61e-04	22,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		551	0.02	9.62e-03	1.92e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		550	0.02	0.01	2.88e-04	1,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
442	ok	533	0.02	6.31e-03	3.29e-04	22,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		534	0.02	5.62e-03	3.80e-04	12,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		552	0.02	0.01	3.58e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		551	0.02	0.01	5.30e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
443	ok	534	0.02	7.09e-03	5.39e-04	22,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		535	0.02	8.04e-03	5.67e-04	12,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		553	0.02	0.02	2.89e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		552	0.02	0.01	4.92e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
444	ok	535	0.02	8.13e-03	5.70e-04	12,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		536	0.02	9.28e-03	6.35e-04	12,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		554	0.02	0.02	3.62e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		553	0.02	0.01	5.42e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
445	ok	536	0.02	9.71e-03	6.01e-04	12,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		537	0.02	0.01	5.74e-04	12,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		555	0.02	0.02	4.50e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		554	0.02	0.02	4.14e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
446	ok	537	0.02	9.03e-03	5.26e-04	12,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		538	0.02	9.15e-03	5.01e-04	12,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		556	0.02	0.01	3.91e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		555	0.02	0.02	2.74e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
447	ok	538	0.02	7.19e-03	3.42e-04	12,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		539	0.02	7.36e-03	2.87e-04	12,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		557	0.02	0.01	4.21e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		556	0.02	0.01	2.67e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
448	ok	539	0.02	4.58e-03	1.03e-04	20,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		540	0.02	5.17e-03	7.65e-05	12,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		558	0.02	0.01	2.80e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		557	0.02	8.45e-03	1.04e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
449	ok	541	0.02	0.03	1.44e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		542	0.02	0.04	2.28e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		560	0.02	0.05	2.42e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		559	0.02	0.04	5.58e-04	1,15	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
450	ok	542	0.02	0.04	2.70e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		543	0.02	0.04	3.18e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		561	0.02	0.06	8.15e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		560	0.02	0.05	6.54e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
451	ok	543	0.02	0.04	9.12e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		544	0.02	0.04	1.02e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		562	0.02	0.07	2.57e-04	1,15	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		561	0.02	0.07	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
452	ok	544	0.02	0.04	3.37e-04	1,15	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		545	0.02	0.03	3.34e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		563	0.02	0.06	1.79e-04	1,15	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		562	0.02	0.06	1.82e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
453	ok	545	0.02	0.03	2.72e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		546	0.02	0.04	3.95e-04	1,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		564	0.02	0.06	5.88e-04	1,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		563	0.02	0.06	2.09e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
454	ok	546	0.02	0.04	1.73e-04	1,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		547	0.02	0.04	7.86e-04	1,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		565	0.02	0.05	5.46e-04	1,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		564	0.02	0.06	3.28e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
455	ok	547	0.02	0.04	6.48e-04	1,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		548	0.02	0.03	4.46e-04	1,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		566	0.02	0.04	6.56e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		565	0.02	0.05	4.24e-04	1,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
456	ok	548	0.02	0.03	5.34e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		549	0.02	0.03	5.32e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		567	0.02	0.04	8.77e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		566	0.02	0.04	5.05e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
457	ok	550	0.02	7.70e-03	2.12e-04	1,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		551	0.02	1.00e-02	2.55e-04	1,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		569	0.02	0.02	2.27e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		568	0.02	0.02	5.68e-04	1,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
458	ok	551	0.02	9.37e-03	4.51e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		552	0.02	9.61e-03	2.56e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		570	0.02	0.03	5.52e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		569	0.02	0.02	6.84e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
459	ok	552	0.02	0.01	8.27e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		553	0.02	0.01	5.22e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		571	0.02	0.04	1.88e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		570	0.02	0.03	1.98e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
460	ok	553	0.02	0.01	2.53e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		554	0.02	0.02	7.68e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		572	0.02	0.04	3.84e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		571	0.02	0.04	1.00e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
461	ok	554	0.02	0.02	6.16e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		555	0.02	0.02	2.61e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		573	0.02	0.04	5.98e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		572	0.02	0.04	5.01e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
462	ok	555	0.02	0.01	4.13e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		556	0.02	0.01	7.14e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		574	0.02	0.03	2.52e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		573	0.02	0.04	1.73e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
463	ok	556	0.02	0.01	1.55e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		557	0.02	8.96e-03	3.63e-04	1,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		575	0.02	0.02	4.91e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		574	0.02	0.03	5.54e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
464	ok	557	0.02	9.11e-03	1.53e-04	1,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		558	0.02	6.62e-03	1.43e-04	1,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		576	0.02	0.02	4.17e-04	1,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		575	0.02	0.02	1.31e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
465	ok	559	0.02	0.05	7.82e-05	1,15	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		560	0.02	0.05	3.06e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		578	0.02	0.06	3.05e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		577	0.02	0.05	5.58e-04	1,15	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
466	ok	560	0.02	0.05	5.28e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		561	0.02	0.07	1.75e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		579	0.02	0.08	3.77e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		578	0.02	0.06	1.81e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
467	ok	561	0.02	0.08	7.02e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		562	0.02	0.06	2.72e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		580	0.02	0.15	1.53e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		579	0.02	0.09	1.15e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
468	ok	562	0.02	0.06	8.29e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		563	0.02	0.07	2.03e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		581	0.02	0.10	1.26e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		580	0.02	0.14	6.95e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
469	ok	563	0.02	0.07	1.60e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		564	0.02	0.05	7.29e-04	1,10	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		582	0.02	0.09	5.58e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		581	0.02	0.10	5.44e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
470	ok	564	0.02	0.05	4.35e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		565	0.02	0.06	6.37e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		583	0.02	0.07	7.49e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		582	0.02	0.10	1.09e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
471	ok	565	0.02	0.06	6.80e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		566	0.02	0.04	5.57e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		584	0.02	0.05	1.32e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		583	0.02	0.06	3.23e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
472	ok	566	0.02	0.04	4.69e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		567	0.02	0.04	4.62e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		585	0.02	0.04	8.00e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		584	0.02	0.05	3.80e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
473	ok	568	0.02	0.02	3.41e-04	1,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		569	0.02	0.02	3.95e-04	1,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		587	0.02	0.03	3.02e-04	1,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		586	0.02	0.02	8.26e-04	1,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
474	ok	569	0.02	0.02	3.24e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		570	0.02	0.03	1.13e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		588	0.02	0.05	3.48e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		587	0.02	0.03	1.40e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
475	ok	570	0.02	0.04	8.56e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		571	0.02	0.02	4.71e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		589	0.02	0.14	1.52e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		588	0.02	0.03	6.87e-04	22,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
476	ok	571	0.02	0.03	7.20e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		572	0.02	0.05	3.22e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		590	0.02	0.05	6.45e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		589	0.02	0.13	3.07e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
477	ok	572	0.02	0.05	6.07e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		573	0.02	0.03	5.67e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		591	0.02	0.12	3.39e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		590	0.02	0.04	3.41e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
478	ok	573	0.02	0.03	4.40e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		574	0.02	0.03	4.56e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		592	0.02	0.03	5.99e-04	20,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		591	0.02	0.12	1.08e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
479	ok	574	0.02	0.02	1.01e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		575	0.02	0.02	1.89e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		593	0.02	0.02	8.56e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		592	0.02	0.04	1.83e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
480	ok	575	0.02	0.02	2.34e-04	1,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		576	0.02	0.01	1.68e-04	1,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		594	0.02	0.02	5.63e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		593	0.02	0.02	1.45e-04	1,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
481	ok	577	0.02	0.06	6.70e-05	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		578	0.02	0.06	6.63e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		596	0.02	0.05	3.97e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		595	0.02	0.04	5.53e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
482	ok	578	0.02	0.06	2.08e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		579	0.02	0.09	4.02e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		597	0.02	0.06	6.38e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		596	0.02	0.05	1.93e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
483	ok	579	0.02	0.06	2.16e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		580	0.02	0.17	4.21e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		598	0.02	0.06	1.98e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		597	0.02	0.07	2.46e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
484	ok	580	0.02	0.17	2.51e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		581	0.02	0.08	1.51e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		599	0.02	0.08	1.94e-04	1,14	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		598	0.02	0.06	1.78e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
485	ok	581	0.02	0.09	1.88e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		582	0.02	0.12	9.87e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		600	0.02	0.05	1.76e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		599	0.02	0.07	9.44e-05	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
486	ok	582	0.02	0.12	2.75e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		583	0.02	0.06	1.21e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		601	0.02	0.06	1.68e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		600	0.02	0.05	1.36e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
487	ok	583	0.02	0.07	2.35e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		584	0.02	0.05	2.38e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		602	0.02	0.04	1.33e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		601	0.02	0.05	6.00e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
488	ok	584	0.02	0.05	5.53e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		585	0.02	0.05	2.92e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		603	0.02	0.04	7.25e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		602	0.02	0.04	3.48e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
489	ok	586	0.02	0.02	4.08e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		587	0.02	0.03	5.77e-04	1,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		605	0.02	0.02	4.46e-04	1,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		604	0.02	7.59e-03	9.64e-04	2,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
490	ok	587	0.02	0.03	1.39e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		588	0.02	0.05	2.88e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		606	0.02	0.04	3.68e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		605	0.02	0.02	1.57e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
491	ok	588	0.02	0.05	1.03e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		589	0.02	0.10	2.05e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		607	0.02	0.02	7.24e-04	22,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		606	0.02	0.04	1.60e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
492	ok	589	0.02	0.08	2.16e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		590	0.02	0.07	1.43e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		608	0.02	0.03	7.15e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		607	0.02	0.02	1.15e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
493	ok	590	0.02	0.07	1.33e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		591	0.02	0.05	1.23e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		609	0.02	0.02	6.98e-04	12,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		608	0.02	0.02	3.87e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
494	ok	591	0.02	0.06	1.59e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		592	0.02	0.05	7.22e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		610	0.02	0.04	1.32e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		609	0.02	0.02	8.10e-04	20,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
495	ok	592	0.02	0.03	1.88e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		593	0.02	0.02	1.18e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		611	0.02	0.02	1.12e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		610	0.02	0.03	2.53e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
496	ok	593	0.02	0.02	3.39e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		594	0.02	0.01	1.47e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		612	0.02	6.55e-03	6.50e-04	12,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		611	0.02	0.03	2.42e-04	1,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
497	ok	595	0.02	0.05	7.31e-05	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		596	0.02	0.05	7.70e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		614	0.02	0.03	4.84e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		613	0.02	0.03	7.45e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
498	ok	596	0.02	0.05	4.94e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		597	0.02	0.06	1.71e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		615	0.02	0.03	7.95e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		614	0.02	0.03	1.02e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
499	ok	597	0.02	0.06	1.29e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		598	0.02	0.07	1.63e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		616	0.02	0.04	9.80e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		615	0.02	0.04	1.40e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
500	ok	598	0.02	0.06	3.96e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		599	0.02	0.07	2.50e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		617	0.02	0.05	9.25e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		616	0.02	0.04	1.34e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
501	ok	599	0.02	0.06	2.47e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		600	0.02	0.06	2.77e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		618	0.02	0.04	1.17e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		617	0.02	0.05	8.42e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
502	ok	600	0.02	0.06	1.45e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		601	0.02	0.05	7.24e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		619	0.02	0.03	1.12e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		618	0.02	0.04	7.47e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
503	ok	601	0.02	0.05	1.12e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		602	0.02	0.04	4.25e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		620	0.02	0.03	8.22e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		619	0.02	0.03	6.41e-04	1,11	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
504	ok	602	0.02	0.04	6.15e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		603	0.02	0.04	1.61e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		621	0.02	0.02	7.77e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		620	0.02	0.03	4.27e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
505	ok	604	0.02	8.55e-03	4.90e-04	22,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		605	0.02	0.03	6.60e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		623	0.02	0.04	5.94e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		622	0.02	0.02	1.04e-03	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
506	ok	605	0.02	0.02	4.90e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		606	0.02	0.03	9.24e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		624	0.02	0.05	6.54e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		623	0.02	0.04	9.51e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
507	ok	606	0.02	0.03	8.34e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		607	0.02	0.03	5.12e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		625	0.02	0.05	2.35e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		624	0.02	0.05	7.74e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
508	ok	607	0.02	0.02	3.82e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		608	0.02	0.02	3.21e-04	22,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		626	0.02	0.03	1.34e-04	1,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		625	0.02	0.04	5.59e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
509	ok	608	0.02	0.02	2.62e-04	12,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		609	0.02	0.02	2.99e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		627	0.02	0.05	5.33e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		626	0.02	0.03	1.03e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
510	ok	609	0.02	0.02	7.39e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		610	0.02	0.03	5.15e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		628	0.02	0.06	6.79e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		627	0.02	0.05	1.94e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
511	ok	610	0.02	0.03	5.52e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		611	0.02	0.03	3.75e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		629	0.02	0.05	7.71e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		628	0.02	0.06	4.21e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
512	ok	611	0.02	0.03	4.02e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		612	0.02	0.01	1.74e-04	12,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		630	0.02	0.03	7.22e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		629	0.02	0.05	3.56e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
513	ok	613	0.02	0.03	1.75e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		614	0.02	0.03	6.16e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		632	0.02	0.01	3.11e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		631	0.02	8.70e-03	9.31e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
514	ok	614	0.02	0.03	6.73e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		615	0.02	0.03	8.13e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		633	0.02	0.03	4.37e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		632	0.02	0.01	6.70e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
515	ok	615	0.02	0.04	8.31e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		616	0.02	0.04	7.74e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		634	0.02	0.03	5.05e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		633	0.02	0.03	6.72e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
516	ok	616	0.02	0.04	7.96e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		617	0.02	0.05	7.86e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		635	0.02	0.04	5.15e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		634	0.02	0.03	5.94e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
517	ok	617	0.02	0.05	7.81e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		618	0.02	0.04	6.83e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		636	0.02	0.03	5.42e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		635	0.02	0.04	5.01e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
518	ok	618	0.02	0.04	6.30e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		619	0.02	0.03	6.33e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		637	0.02	0.02	5.60e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		636	0.02	0.03	4.56e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
519	ok	619	0.02	0.03	6.04e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		620	0.02	0.03	5.48e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		638	0.02	0.01	5.60e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		637	0.02	0.02	3.75e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
520	ok	620	0.02	0.03	5.24e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		621	0.02	0.03	2.63e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		639	0.02	7.80e-03	8.70e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		638	0.02	0.01	2.63e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
521	ok	622	0.02	0.03	5.69e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		623	0.02	0.05	6.28e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		641	0.02	0.06	5.88e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		640	0.02	0.05	1.09e-03	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
522	ok	623	0.02	0.04	6.20e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		624	0.02	0.05	7.14e-04	1,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		642	0.02	0.08	5.07e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		641	0.02	0.06	1.02e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
523	ok	624	0.02	0.05	9.40e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		625	0.02	0.05	1.79e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		643	0.02	0.08	3.80e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		642	0.02	0.08	4.80e-04	1,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
524	ok	625	0.02	0.04	4.47e-04	1,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		626	0.02	0.04	3.25e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		644	0.02	0.08	1.65e-04	1,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		643	0.02	0.08	5.91e-04	1,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
525	ok	626	0.02	0.04	3.58e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		627	0.02	0.05	4.19e-04	1,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		645	0.02	0.09	2.71e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		644	0.02	0.09	1.67e-04	1,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
526	ok	627	0.02	0.05	1.23e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		628	0.02	0.06	1.18e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		646	0.02	0.09	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		645	0.02	0.09	3.50e-04	1,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
527	ok	628	0.02	0.06	4.43e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		629	0.02	0.05	4.47e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		647	0.02	0.07	9.72e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		646	0.02	0.09	9.53e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
528	ok	629	0.02	0.05	3.78e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		630	0.02	0.04	2.37e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		648	0.02	0.06	8.00e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		647	0.02	0.07	3.83e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
529	ok	631	0.02	0.01	4.62e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		632	0.02	0.01	3.54e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		650	0.02	0.01	1.20e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		649	0.02	4.69e-03	8.71e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
530	ok	632	0.02	0.01	3.00e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		633	0.02	0.03	3.65e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		651	0.02	0.02	2.29e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		650	0.02	0.01	4.04e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
531	ok	633	0.02	0.03	3.73e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		634	0.02	0.04	3.20e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		652	0.02	0.03	2.37e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		651	0.02	0.02	3.14e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
532	ok	634	0.02	0.04	3.31e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		635	0.02	0.04	3.00e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		653	0.02	0.03	2.40e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		652	0.02	0.03	2.70e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
533	ok	635	0.02	0.04	2.86e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		636	0.02	0.03	3.09e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		654	0.02	0.03	2.55e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		653	0.02	0.03	2.57e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
534	ok	636	0.02	0.03	2.76e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		637	0.02	0.02	3.03e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		655	0.02	0.02	2.85e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		654	0.02	0.03	2.61e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
535	ok	637	0.02	0.02	2.86e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		638	0.02	0.01	2.37e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		656	0.02	0.01	3.48e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		655	0.02	0.02	2.53e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
536	ok	638	0.02	0.01	2.89e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		639	0.02	0.01	4.80e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		657	0.02	4.03e-03	7.82e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		656	0.02	0.01	1.31e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
537	ok	640	0.02	0.06	5.40e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		641	0.02	0.07	6.01e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		659	0.02	0.07	4.70e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		658	0.02	0.06	1.12e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
538	ok	641	0.02	0.07	6.10e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		642	0.02	0.09	1.15e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		660	0.02	0.10	5.28e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		659	0.02	0.07	2.07e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
539	ok	642	0.02	0.09	1.03e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		643	0.02	0.08	3.72e-04	1,12	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		661	0.02	0.16	1.64e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		660	0.02	0.11	1.06e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
540	ok	643	0.02	0.07	8.15e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		644	0.02	0.10	1.72e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		662	0.02	0.16	9.70e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		661	0.02	0.15	7.10e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
541	ok	644	0.02	0.10	2.70e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		645	0.02	0.08	1.01e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		663	0.02	0.20	8.55e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		662	0.02	0.16	1.58e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
542	ok	645	0.02	0.08	2.34e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		646	0.02	0.11	1.05e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		664	0.02	0.13	1.39e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		663	0.02	0.21	2.01e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
543	ok	646	0.02	0.10	2.07e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		647	0.02	0.08	5.76e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		665	0.02	0.08	2.41e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		664	0.02	0.12	5.77e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
544	ok	647	0.02	0.08	4.58e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		648	0.02	0.07	2.01e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		666	0.02	0.07	8.37e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		665	0.02	0.08	4.24e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
545	ok	658	0.02	0.07	3.66e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		659	0.02	0.07	8.83e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		668	0.02	0.06	5.49e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		667	0.02	0.06	1.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
546	ok	659	0.02	0.07	2.36e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		660	0.02	0.10	3.76e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		669	0.02	0.08	6.79e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		668	0.02	0.06	2.11e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
547	ok	660	0.02	0.08	1.93e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		661	0.02	0.20	4.16e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		670	0.02	0.08	2.09e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		669	0.02	0.09	2.55e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
548	ok	661	0.02	0.20	1.75e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		662	0.02	0.13	2.46e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		671	0.02	0.11	3.03e-05	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		670	0.02	0.07	2.52e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
549	ok	662	0.02	0.13	2.14e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		663	0.02	0.25	2.93e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		672	0.02	0.08	2.51e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		671	0.02	0.11	5.40e-05	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
550	ok	663	0.02	0.25	5.38e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		664	0.02	0.09	2.71e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		673	0.02	0.10	3.23e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		672	0.02	0.08	2.62e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
551	ok	664	0.02	0.12	5.08e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		665	0.02	0.08	2.22e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		674	0.02	0.07	2.55e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		673	0.02	0.09	7.04e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
552	ok	665	0.02	0.08	9.20e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		666	0.02	0.08	7.86e-05	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		675	0.02	0.06	8.82e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		674	0.02	0.07	5.72e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
553	ok	667	0.02	0.06	2.37e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		668	0.02	0.06	9.65e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		677	0.02	0.04	6.53e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		676	0.02	0.03	1.19e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
554	ok	668	0.02	0.06	6.62e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		669	0.02	0.08	1.80e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		678	0.02	0.05	9.46e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		677	0.02	0.04	1.26e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
555	ok	669	0.02	0.08	1.28e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		670	0.02	0.09	2.00e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		679	0.02	0.06	1.18e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		678	0.02	0.05	1.67e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
556	ok	670	0.02	0.09	3.86e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		671	0.02	0.09	3.48e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		680	0.02	0.06	1.27e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		679	0.02	0.06	1.69e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
557	ok	671	0.02	0.10	3.55e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		672	0.02	0.10	5.48e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		681	0.02	0.06	1.88e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		680	0.02	0.07	1.29e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
558	ok	672	0.02	0.09	2.30e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		673	0.02	0.08	1.63e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		682	0.02	0.05	1.94e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		681	0.02	0.06	1.33e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
559	ok	673	0.02	0.08	2.23e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		674	0.02	0.07	7.13e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		683	0.02	0.04	1.42e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		682	0.02	0.05	1.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
560	ok	674	0.02	0.07	1.06e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		675	0.02	0.07	9.51e-05	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		684	0.02	0.04	1.12e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		683	0.02	0.04	6.90e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
561	ok	676	0.02	0.04	4.00e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		677	0.02	0.04	8.03e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		695	0.02	0.02	3.99e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		694	0.02	0.01	1.33e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
562	ok	677	0.02	0.04	8.43e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		678	0.02	0.05	9.24e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		696	0.02	0.03	5.68e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		695	0.02	0.02	8.47e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
563	ok	678	0.02	0.05	9.71e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		679	0.02	0.06	9.37e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		697	0.02	0.04	6.86e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		696	0.02	0.03	8.35e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
564	ok	679	0.02	0.06	1.01e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		680	0.02	0.06	1.12e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		698	0.02	0.05	7.43e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		697	0.02	0.05	7.95e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
565	ok	680	0.02	0.07	1.12e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		681	0.02	0.06	1.12e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		699	0.02	0.05	8.59e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		698	0.02	0.05	7.41e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
566	ok	681	0.02	0.06	1.07e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		682	0.02	0.05	1.14e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		700	0.02	0.04	9.50e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		699	0.02	0.05	7.20e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
567	ok	682	0.02	0.05	1.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		683	0.02	0.04	9.38e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		701	0.02	0.02	9.48e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		700	0.02	0.03	6.19e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
568	ok	683	0.02	0.04	8.63e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		684	0.02	0.04	2.85e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		702	0.02	0.01	1.35e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		701	0.02	0.02	4.37e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
569	ok	685	0.02	0.03	1.31e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		686	0.02	0.02	3.09e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		704	0.02	2.78e-03	4.21e-04	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		703	0.02	0.01	2.80e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
570	ok	686	0.02	0.02	1.97e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		687	0.02	0.02	2.80e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		705	0.02	0.01	1.63e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		704	0.02	0.01	1.11e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
571	ok	687	0.02	0.02	2.87e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		688	0.02	0.02	3.67e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		706	0.02	0.02	2.02e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		705	0.02	0.02	1.85e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
572	ok	688	0.02	0.02	3.72e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		689	0.02	0.02	4.04e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		707	0.02	0.02	2.20e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		706	0.02	0.02	2.18e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
573	ok	689	0.02	0.02	4.06e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		690	0.02	0.02	3.70e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		708	0.02	0.02	2.19e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		707	0.02	0.03	2.19e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
574	ok	690	0.02	0.02	3.67e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		691	0.02	0.02	2.83e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		709	0.02	0.02	1.86e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		708	0.02	0.02	2.01e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
575	ok	691	0.02	0.02	2.78e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		692	0.02	0.02	1.92e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		710	0.02	0.01	1.12e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		709	0.02	0.01	1.62e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
576	ok	692	0.02	0.02	3.04e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		693	0.02	0.03	1.26e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		711	0.02	0.01	2.73e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		710	0.02	2.91e-03	4.29e-04	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
577	ok	694	0.02	0.02	7.32e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		695	0.02	0.02	4.39e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		713	0.02	0.02	1.93e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		712	0.02	5.73e-03	1.19e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
578	ok	695	0.02	0.02	3.59e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		696	0.02	0.03	4.31e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		714	0.02	0.03	3.76e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		713	0.02	0.01	5.26e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
579	ok	696	0.02	0.03	4.50e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		697	0.02	0.05	4.08e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		715	0.02	0.04	3.88e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		714	0.02	0.03	4.26e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
580	ok	697	0.02	0.05	4.46e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		698	0.02	0.05	4.19e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		716	0.02	0.05	3.84e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		715	0.02	0.04	3.80e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
581	ok	698	0.02	0.05	4.27e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		699	0.02	0.05	4.75e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		717	0.02	0.04	4.04e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		716	0.02	0.05	3.60e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
582	ok	699	0.02	0.05	4.50e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		700	0.02	0.04	5.19e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		718	0.02	0.03	4.63e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		717	0.02	0.04	3.58e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
583	ok	700	0.02	0.03	5.02e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		701	0.02	0.02	4.16e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		719	0.02	0.02	5.85e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		718	0.02	0.03	3.46e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
584	ok	701	0.02	0.02	4.96e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		702	0.02	0.02	6.67e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		720	0.02	5.88e-03	1.25e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		719	0.02	0.02	1.82e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
585	ok	703	0.02	0.02	1.18e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		704	0.02	3.84e-03	4.36e-04	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		722	0.02	0.02	4.96e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		721	0.02	0.04	9.49e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
586	ok	704	0.02	9.70e-03	1.01e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		705	0.02	0.01	1.26e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		723	0.02	0.03	1.09e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		722	0.02	0.03	1.67e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
587	ok	705	0.02	0.02	1.83e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		706	0.02	0.02	1.93e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		724	0.02	0.03	9.78e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		723	0.02	0.03	1.55e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
588	ok	706	0.02	0.02	2.02e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		707	0.02	0.02	2.18e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		725	0.02	0.04	1.37e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		724	0.02	0.04	1.75e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
589	ok	707	0.02	0.02	2.19e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		708	0.02	0.02	2.02e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		726	0.02	0.04	1.77e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		725	0.02	0.04	1.36e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
590	ok	708	0.02	0.02	1.93e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		709	0.02	0.02	1.83e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		727	0.02	0.03	1.58e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		726	0.02	0.03	9.78e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
591	ok	709	0.02	0.01	1.26e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		710	0.02	9.55e-03	1.02e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		728	0.02	0.03	1.69e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		727	0.02	0.03	1.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
592	ok	710	0.02	3.98e-03	4.50e-04	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		711	0.02	0.02	1.07e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		729	0.02	0.04	9.43e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		728	0.02	0.02	5.11e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
593	ok	721	0.02	0.01	6.19e-06	1,35	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		722	0.02	0.02	5.30e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		740	0.02	0.05	5.57e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		739	0.02	0.06	1.08e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
594	ok	722	0.02	0.02	1.03e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		723	0.02	0.02	3.24e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		741	0.02	0.07	1.95e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		740	0.02	0.05	2.05e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
595	ok	723	0.02	0.03	2.72e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		724	0.02	0.03	1.56e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		742	0.02	0.08	3.83e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		741	0.02	0.07	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
596	ok	724	0.02	0.03	3.06e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		725	0.02	0.04	2.44e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		743	0.02	0.09	1.48e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		742	0.02	0.08	2.80e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
597	ok	725	0.02	0.04	2.46e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		726	0.02	0.03	3.23e-04	1,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		744	0.02	0.08	2.92e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		743	0.02	0.09	1.46e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
598	ok	726	0.02	0.03	1.60e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		727	0.02	0.03	2.72e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		745	0.02	0.07	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		744	0.02	0.08	3.88e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
599	ok	727	0.02	0.02	3.59e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		728	0.02	0.02	1.04e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		746	0.02	0.05	2.08e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		745	0.02	0.07	1.92e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
600	ok	728	0.02	0.02	5.54e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		729	0.02	0.01	2.41e-05	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		747	0.02	0.06	1.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		746	0.02	0.05	5.71e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
601	ok	730	0.02	0.04	1.36e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		731	0.02	0.02	3.27e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		749	0.02	3.14e-03	4.55e-04	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		748	0.02	0.01	2.92e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
602	ok	731	0.02	0.02	2.06e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		732	0.02	0.02	2.98e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		750	0.02	0.01	1.73e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		749	0.02	0.01	1.20e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
603	ok	732	0.02	0.02	3.03e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		733	0.02	0.02	3.93e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		751	0.02	0.02	2.15e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		750	0.02	0.02	1.99e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
604	ok	733	0.02	0.02	3.96e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		734	0.02	0.03	4.35e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		752	0.02	0.03	2.35e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		751	0.02	0.02	2.34e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
605	ok	734	0.02	0.03	4.33e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		735	0.02	0.02	4.00e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		753	0.02	0.02	2.33e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		752	0.02	0.03	2.36e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
606	ok	735	0.02	0.02	3.93e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		736	0.02	0.02	3.09e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		754	0.02	0.02	1.98e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		753	0.02	0.02	2.16e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
607	ok	736	0.02	0.02	3.01e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		737	0.02	0.02	2.13e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		755	0.02	0.01	1.19e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		754	0.02	0.01	1.74e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
608	ok	737	0.02	0.02	3.33e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		738	0.02	0.04	1.41e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		756	0.02	0.01	3.02e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		755	0.02	2.97e-03	4.47e-04	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
609	ok	739	0.02	0.03	1.18e-05	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		740	0.02	0.05	6.86e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		758	0.02	0.06	5.88e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		757	0.02	0.06	1.20e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
610	ok	740	0.02	0.04	5.40e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		741	0.02	0.06	3.82e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		759	0.02	0.11	9.35e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		758	0.02	0.06	3.93e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
611	ok	741	0.02	0.08	2.33e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		742	0.02	0.05	6.02e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		760	0.02	0.26	4.65e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		759	0.02	0.07	1.99e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
612	ok	742	0.02	0.05	2.29e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		743	0.02	0.10	1.66e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		761	0.02	0.12	1.81e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		760	0.02	0.24	1.21e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
613	ok	743	0.02	0.10	1.66e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		744	0.02	0.05	2.32e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		762	0.02	0.24	1.18e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		761	0.02	0.12	1.85e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
614	ok	744	0.02	0.05	5.80e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		745	0.02	0.08	2.40e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		763	0.02	0.07	2.00e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		762	0.02	0.26	4.72e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
615	ok	745	0.02	0.06	3.78e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		746	0.02	0.04	5.64e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		764	0.02	0.06	3.99e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		763	0.02	0.11	9.61e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
616	ok	746	0.02	0.05	7.09e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		747	0.02	0.03	0.0	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		765	0.02	0.06	1.24e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		764	0.02	0.06	5.97e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
617	ok	748	0.02	0.02	1.14e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		749	0.02	4.30e-03	4.79e-04	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		767	0.02	0.02	5.44e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		766	0.02	0.04	1.01e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
618	ok	749	0.02	0.01	1.09e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		750	0.02	0.01	1.35e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		768	0.02	0.03	1.18e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		767	0.02	0.03	1.81e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
619	ok	750	0.02	0.02	1.96e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		751	0.02	0.02	2.07e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		769	0.02	0.03	1.05e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		768	0.02	0.03	1.69e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
620	ok	751	0.02	0.02	2.16e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		752	0.02	0.03	2.34e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		770	0.02	0.04	1.45e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		769	0.02	0.04	1.90e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
621	ok	752	0.02	0.02	2.34e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		753	0.02	0.02	2.16e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		771	0.02	0.04	1.86e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		770	0.02	0.04	1.47e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
622	ok	753	0.02	0.02	2.06e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		754	0.02	0.02	1.96e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		772	0.02	0.03	1.66e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		771	0.02	0.03	1.05e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
623	ok	754	0.02	0.01	1.35e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		755	0.02	0.01	1.08e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		773	0.02	0.03	1.79e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		772	0.02	0.03	1.16e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
624	ok	755	0.02	4.12e-03	4.63e-04	2,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		756	0.02	0.02	1.28e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		774	0.02	0.04	1.02e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		773	0.02	0.02	5.26e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
625	ok	757	0.02	0.03	4.17e-06	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		758	0.02	0.06	1.23e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		776	0.02	0.05	8.36e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		775	0.02	0.03	1.51e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
626	ok	758	0.02	0.05	1.22e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		759	0.02	0.09	8.55e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		777	0.02	0.08	2.52e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		776	0.02	0.05	4.70e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
627	ok	759	0.02	0.10	3.12e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		760	0.02	0.18	6.66e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		778	0.02	0.05	2.75e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		777	0.02	0.09	5.27e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
628	ok	760	0.02	0.16	6.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		761	0.02	0.14	5.07e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		779	0.02	0.07	1.95e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		778	0.02	0.04	3.42e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
629	ok	761	0.02	0.14	5.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		762	0.02	0.16	6.21e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		780	0.02	0.05	3.50e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		779	0.02	0.07	1.96e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
630	ok	762	0.02	0.19	6.66e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		763	0.02	0.10	3.14e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		781	0.02	0.09	5.28e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		780	0.02	0.05	2.71e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
631	ok	763	0.02	0.09	8.64e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		764	0.02	0.05	8.80e-05	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		782	0.02	0.05	4.74e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		781	0.02	0.08	1.73e-04	1,35	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
632	ok	764	0.02	0.06	1.27e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		765	0.02	0.03	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		783	0.02	0.03	1.57e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		782	0.02	0.05	8.40e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
633	ok	766	0.02	0.01	1.45e-05	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		767	0.02	0.02	5.90e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		785	0.02	0.05	6.08e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		784	0.02	0.06	1.17e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
634	ok	767	0.02	0.02	1.12e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		768	0.02	0.02	3.81e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		786	0.02	0.07	2.05e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		785	0.02	0.05	2.22e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
635	ok	768	0.02	0.03	2.91e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		769	0.02	0.03	1.71e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		787	0.02	0.09	4.11e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		786	0.02	0.07	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
636	ok	769	0.02	0.03	3.37e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		770	0.02	0.04	2.63e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		788	0.02	0.10	1.56e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		787	0.02	0.08	3.13e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
637	ok	770	0.02	0.04	2.61e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		771	0.02	0.03	3.48e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		789	0.02	0.09	2.97e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		788	0.02	0.10	1.58e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
638	ok	771	0.02	0.03	1.66e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		772	0.02	0.03	2.91e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		790	0.02	0.07	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		789	0.02	0.09	4.02e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
639	ok	772	0.02	0.02	3.37e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		773	0.02	0.02	1.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		791	0.02	0.05	2.19e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		790	0.02	0.07	2.09e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
640	ok	773	0.02	0.02	5.62e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		774	0.02	0.01	1.43e-05	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		792	0.02	0.06	1.16e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		791	0.02	0.05	5.92e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
641	ok	775	0.02	5.76e-03	2.09e-05	2,9	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		776	0.02	0.05	1.57e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		794	0.02	0.08	9.87e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		793	0.02	0.02	2.00e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
642	ok	776	0.02	0.04	1.48e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		777	0.02	0.07	2.23e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		795	0.02	0.09	1.63e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		794	0.02	0.06	2.99e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
643	ok	777	0.02	0.06	1.98e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		778	0.02	0.06	2.27e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		796	0.02	0.07	1.28e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		795	0.02	0.08	2.50e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
644	ok	778	0.02	0.05	8.59e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		779	0.02	0.04	1.29e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		797	0.02	0.04	6.33e-05	1,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		796	0.02	0.06	1.97e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
645	ok	779	0.02	0.05	1.29e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		780	0.02	0.05	8.84e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		798	0.02	0.07	1.98e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		797	0.02	0.05	7.68e-05	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
646	ok	780	0.02	0.06	2.23e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		781	0.02	0.06	1.98e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		799	0.02	0.08	2.51e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		798	0.02	0.08	9.98e-05	1,15	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
647	ok	781	0.02	0.07	2.27e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		782	0.02	0.04	1.48e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		800	0.02	0.06	2.99e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		799	0.02	0.09	1.63e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
648	ok	782	0.02	0.05	1.59e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		783	0.02	5.79e-03	0.0	2,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		801	0.02	0.02	2.06e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		800	0.02	0.08	9.95e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
649	ok	784	0.02	0.03	3.07e-06	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		785	0.02	0.05	7.56e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		803	0.02	0.06	6.37e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		802	0.02	0.06	1.32e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
650	ok	785	0.02	0.05	6.04e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		786	0.02	0.06	4.04e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		804	0.02	0.12	1.02e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		803	0.02	0.06	4.25e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
651	ok	786	0.02	0.08	2.55e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		787	0.02	0.05	5.95e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		805	0.02	0.27	5.03e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		804	0.02	0.07	2.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
652	ok	787	0.02	0.06	2.49e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		788	0.02	0.10	1.78e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		806	0.02	0.13	1.95e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		805	0.02	0.25	1.24e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
653	ok	788	0.02	0.10	1.77e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		789	0.02	0.06	2.44e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		807	0.02	0.25	1.28e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		806	0.02	0.13	1.90e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
654	ok	789	0.02	0.05	6.31e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		790	0.02	0.08	2.47e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		808	0.02	0.07	2.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		807	0.02	0.27	4.94e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
655	ok	790	0.02	0.06	4.09e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		791	0.02	0.05	5.73e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		809	0.02	0.06	4.19e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		808	0.02	0.12	9.88e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
656	ok	791	0.02	0.05	7.29e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		792	0.02	0.03	2.26e-06	1,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		810	0.02	0.06	1.27e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		809	0.02	0.06	6.27e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
657	ok	793	0.02	0.05	1.45e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		794	0.02	0.08	1.31e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		812	0.02	0.11	1.28e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		811	0.02	0.07	2.59e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
658	ok	794	0.02	0.07	1.83e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		795	0.02	0.09	8.18e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		813	0.02	0.14	2.49e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		812	0.02	0.10	3.48e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
659	ok	795	0.02	0.08	3.65e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		796	0.02	0.08	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		814	0.02	0.15	7.88e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		813	0.02	0.14	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
660	ok	796	0.02	0.07	9.33e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		797	0.02	0.05	1.03e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		815	0.02	0.14	1.95e-04	1,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		814	0.02	0.13	2.69e-04	1,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
661	ok	797	0.02	0.05	9.86e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		798	0.02	0.07	9.31e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		816	0.02	0.13	3.23e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		815	0.02	0.14	2.04e-04	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
662	ok	798	0.02	0.08	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		799	0.02	0.08	3.59e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		817	0.02	0.14	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		816	0.02	0.15	7.85e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
663	ok	799	0.02	0.09	8.45e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		800	0.02	0.07	1.84e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		818	0.02	0.10	3.46e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		817	0.02	0.14	2.41e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
664	ok	800	0.02	0.08	1.33e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		801	0.02	0.05	1.64e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		819	0.02	0.07	2.64e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

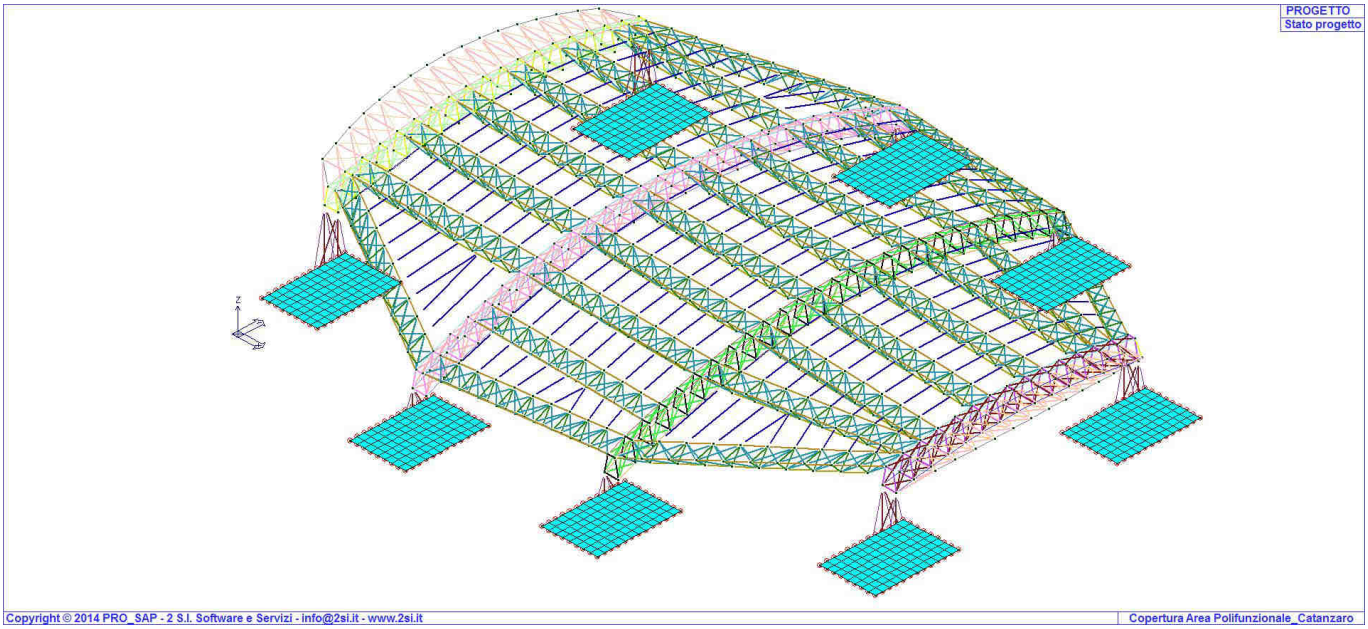
Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		818	0.02	0.11	1.27e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
665	ok	802	0.02	0.03	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		803	0.02	0.06	1.35e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		821	0.02	0.06	8.98e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		820	0.02	0.03	1.67e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
666	ok	803	0.02	0.06	1.08e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		804	0.02	0.09	9.20e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		822	0.02	0.08	2.13e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		821	0.02	0.05	5.06e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
667	ok	804	0.02	0.10	3.31e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		805	0.02	0.19	7.06e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		823	0.02	0.05	2.88e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		822	0.02	0.09	5.62e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
668	ok	805	0.02	0.16	6.56e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		806	0.02	0.15	5.40e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		824	0.02	0.07	2.08e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		823	0.02	0.05	3.68e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
669	ok	806	0.02	0.15	5.36e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		807	0.02	0.16	6.47e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		825	0.02	0.04	3.60e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		824	0.02	0.07	2.09e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
670	ok	807	0.02	0.19	7.06e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		808	0.02	0.10	3.30e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		826	0.02	0.09	5.62e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		825	0.02	0.05	2.92e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
671	ok	808	0.02	0.09	9.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		809	0.02	0.06	1.14e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		827	0.02	0.05	5.01e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		826	0.02	0.08	2.09e-04	1,35	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
672	ok	809	0.02	0.06	1.31e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		810	0.02	0.03	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		828	0.02	0.03	1.61e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		827	0.02	0.06	8.92e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
673	ok	811	0.02	0.10	2.82e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		812	0.02	0.11	1.74e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		830	0.02	0.13	1.40e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		829	0.02	0.10	3.15e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
674	ok	812	0.02	0.11	1.09e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		813	0.02	0.15	5.56e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		831	0.02	0.19	1.95e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		830	0.02	0.12	7.82e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
675	ok	813	0.02	0.17	3.73e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		814	0.02	0.14	1.49e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		832	0.02	0.33	6.41e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		831	0.02	0.19	4.24e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
676	ok	814	0.02	0.12	3.16e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		815	0.02	0.17	7.58e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		833	0.02	0.26	4.47e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		832	0.02	0.31	2.65e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
677	ok	815	0.02	0.17	7.22e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		816	0.02	0.12	3.14e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		834	0.02	0.31	2.61e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		833	0.02	0.26	4.34e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
678	ok	816	0.02	0.14	5.18e-06	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		817	0.02	0.17	3.69e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		835	0.02	0.19	4.13e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		834	0.02	0.32	6.32e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
679	ok	817	0.02	0.15	5.37e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		818	0.02	0.11	1.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		836	0.02	0.11	7.69e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		835	0.02	0.19	1.95e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
680	ok	818	0.02	0.11	1.74e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		819	0.02	0.10	3.05e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		837	0.02	0.10	3.17e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		836	0.02	0.12	1.38e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
681	ok	820	0.02	5.58e-03	1.37e-05	2,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		821	0.02	0.06	1.70e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		839	0.02	0.08	1.06e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		838	0.02	0.02	2.20e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
682	ok	821	0.02	0.04	1.59e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		822	0.02	0.07	2.40e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		840	0.02	0.09	1.74e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		839	0.02	0.06	3.20e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
683	ok	822	0.02	0.06	2.12e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		823	0.02	0.06	2.38e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		841	0.02	0.08	1.22e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		840	0.02	0.08	2.68e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
684	ok	823	0.02	0.05	9.44e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		824	0.02	0.05	1.29e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		842	0.02	0.05	7.41e-05	1,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		841	0.02	0.07	2.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
685	ok	824	0.02	0.05	1.28e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		825	0.02	0.05	9.10e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		843	0.02	0.07	2.07e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		842	0.02	0.05	7.07e-05	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
686	ok	825	0.02	0.06	2.41e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		826	0.02	0.06	2.11e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		844	0.02	0.08	2.66e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		843	0.02	0.08	1.10e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
687	ok	826	0.02	0.07	2.34e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		827	0.02	0.04	1.58e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		845	0.02	0.06	3.19e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		844	0.02	0.09	1.73e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
688	ok	827	0.02	0.06	1.67e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		828	0.02	5.73e-03	5.99e-06	36,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		846	0.02	0.02	2.13e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		845	0.02	0.08	1.05e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
689	ok	829	0.02	0.13	1.26e-04	1,13	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		830	0.02	0.12	3.13e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		848	0.02	0.10	1.93e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		847	0.02	0.08	3.47e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
690	ok	830	0.02	0.13	3.64e-05	1,17	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		831	0.02	0.18	0.02	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		849	0.02	0.13	1.77e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		848	0.02	0.10	8.13e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
691	ok	831	0.02	0.15	8.05e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		832	0.02	0.36	0.02	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		850	0.02	0.12	8.15e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		849	0.02	0.16	9.99e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
692	ok	832	0.02	0.36	8.39e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		833	0.02	0.23	7.95e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		851	0.02	0.18	1.95e-05	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		850	0.02	0.12	8.74e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
693	ok	833	0.02	0.23	8.03e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		834	0.02	0.36	8.00e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		852	0.02	0.11	8.72e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		851	0.02	0.18	1.12e-04	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
694	ok	834	0.02	0.36	0.02	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		835	0.02	0.15	7.88e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		853	0.02	0.16	9.87e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		852	0.02	0.12	8.04e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
695	ok	835	0.02	0.18	0.02	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		836	0.02	0.13	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		854	0.02	0.10	8.00e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		853	0.02	0.13	1.78e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
696	ok	836	0.02	0.12	3.08e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		837	0.02	0.13	1.22e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		855	0.02	0.08	3.46e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		854	0.02	0.10	1.92e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
697	ok	838	0.02	0.05	1.75e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		839	0.02	0.08	1.41e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		857	0.02	0.12	1.36e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		856	0.02	0.07	2.83e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
698	ok	839	0.02	0.07	1.97e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		840	0.02	0.10	8.86e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		858	0.02	0.15	2.59e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		857	0.02	0.10	3.71e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
699	ok	840	0.02	0.09	3.86e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		841	0.02	0.08	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		859	0.02	0.15	8.29e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		858	0.02	0.15	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
700	ok	841	0.02	0.07	9.78e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		842	0.02	0.06	1.06e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		860	0.02	0.15	2.33e-04	1,16	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		859	0.02	0.14	3.42e-04	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
701	ok	842	0.02	0.05	1.12e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		843	0.02	0.07	9.80e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		861	0.02	0.14	2.72e-04	1,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		860	0.02	0.15	2.12e-04	1,18	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
702	ok	843	0.02	0.08	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		844	0.02	0.09	3.93e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		862	0.02	0.15	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		861	0.02	0.15	8.31e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
703	ok	844	0.02	0.10	8.46e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		845	0.02	0.07	1.96e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		863	0.02	0.10	3.73e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		862	0.02	0.15	2.70e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
704	ok	845	0.02	0.08	1.39e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		846	0.02	0.05	1.47e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		864	0.02	0.07	2.76e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		863	0.02	0.12	1.37e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
705	ok	847	0.02	0.11	3.63e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		848	0.02	0.10	3.52e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		866	0.02	0.06	2.33e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		865	0.02	0.04	4.04e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
706	ok	848	0.02	0.11	2.39e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		849	0.02	0.13	7.06e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		867	0.02	0.07	3.56e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		866	0.02	0.06	4.66e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
707	ok	849	0.02	0.13	5.18e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		850	0.02	0.15	7.33e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		868	0.02	0.09	4.40e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		867	0.02	0.08	6.24e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
708	ok	850	0.02	0.16	1.66e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		851	0.02	0.15	0.01	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		869	0.02	0.11	4.48e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		868	0.02	0.09	6.19e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
709	ok	851	0.02	0.15	0.01	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		852	0.02	0.16	1.64e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		870	0.02	0.09	6.18e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		869	0.02	0.11	4.44e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
710	ok	852	0.02	0.15	7.37e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		853	0.02	0.13	5.00e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		871	0.02	0.08	6.21e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		870	0.02	0.09	4.33e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
711	ok	853	0.02	0.13	6.92e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		854	0.02	0.11	2.38e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		872	0.02	0.06	4.62e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		871	0.02	0.07	3.53e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
712	ok	854	0.02	0.10	3.48e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		855	0.02	0.11	3.71e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		873	0.02	0.04	4.01e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		872	0.02	0.06	2.32e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
713	ok	856	0.02	0.11	3.24e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		857	0.02	0.12	1.86e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		875	0.02	0.13	1.47e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		874	0.02	0.10	3.40e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
714	ok	857	0.02	0.12	1.17e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		858	0.02	0.16	5.79e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		876	0.02	0.20	2.08e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		875	0.02	0.12	8.28e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
715	ok	858	0.02	0.18	3.96e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		859	0.02	0.15	7.57e-05	1,20	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		877	0.02	0.33	6.82e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		876	0.02	0.20	4.46e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
716	ok	859	0.02	0.12	3.38e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		860	0.02	0.17	7.39e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		878	0.02	0.27	4.66e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		877	0.02	0.32	2.81e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
717	ok	860	0.02	0.18	7.97e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		861	0.02	0.12	3.40e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		879	0.02	0.33	2.87e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		878	0.02	0.27	4.83e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
718	ok	861	0.02	0.15	8.61e-05	1,22	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		862	0.02	0.18	4.00e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		880	0.02	0.20	4.60e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		879	0.02	0.34	6.92e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
719	ok	862	0.02	0.16	6.04e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		863	0.02	0.12	1.15e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		881	0.02	0.12	8.44e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		880	0.02	0.20	2.09e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
720	ok	863	0.02	0.12	1.86e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		864	0.02	0.11	2.95e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		882	0.02	0.10	3.36e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		881	0.02	0.13	1.50e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
721	ok	865	0.02	0.07	1.20e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		866	0.02	0.05	2.89e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		884	0.02	0.02	1.45e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		883	0.02	9.61e-03	4.67e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
722	ok	866	0.02	0.07	3.11e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		867	0.02	0.07	3.52e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		885	0.02	0.05	2.06e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		884	0.02	0.03	3.12e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
723	ok	867	0.02	0.08	3.68e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		868	0.02	0.09	3.48e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		886	0.02	0.07	2.45e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		885	0.02	0.06	3.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
724	ok	868	0.02	0.10	3.69e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		869	0.02	0.10	3.89e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		887	0.02	0.08	2.59e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		886	0.02	0.07	2.87e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
725	ok	869	0.02	0.10	3.89e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		870	0.02	0.10	3.68e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		888	0.02	0.07	2.87e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		887	0.02	0.08	2.58e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
726	ok	870	0.02	0.09	3.46e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		871	0.02	0.08	3.65e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		889	0.02	0.05	3.09e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		888	0.02	0.07	2.44e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
727	ok	871	0.02	0.07	3.49e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		872	0.02	0.07	3.08e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		890	0.02	0.03	3.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		889	0.02	0.05	2.05e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
728	ok	872	0.02	0.05	2.87e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		873	0.02	0.07	1.19e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		891	0.02	9.65e-03	4.64e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		890	0.02	0.02	1.44e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
729	ok	874	0.02	0.13	1.26e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		875	0.02	0.13	3.31e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		893	0.02	0.10	2.06e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		892	0.02	0.08	3.71e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
730	ok	875	0.02	0.14	1.73e-05	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		876	0.02	0.18	0.02	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		894	0.02	0.13	1.90e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		893	0.02	0.10	8.61e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
731	ok	876	0.02	0.16	8.49e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		877	0.02	0.37	0.02	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		895	0.02	0.13	8.67e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		894	0.02	0.16	0.01	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
732	ok	877	0.02	0.37	8.60e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		878	0.02	0.24	8.69e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		896	0.02	0.18	6.37e-05	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		895	0.02	0.12	9.40e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
733	ok	878	0.02	0.24	8.59e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		879	0.02	0.38	9.10e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		897	0.02	0.12	9.43e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		896	0.02	0.18	4.45e-05	1,21	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
734	ok	879	0.02	0.38	0.02	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		880	0.02	0.16	8.72e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		898	0.02	0.17	0.01	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		897	0.02	0.13	8.81e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
735	ok	880	0.02	0.19	0.02	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		881	0.02	0.14	0.0	1,0	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		899	0.02	0.10	8.78e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		898	0.02	0.13	1.89e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
736	ok	881	0.02	0.13	3.36e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		882	0.02	0.13	1.11e-04	1,19	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		900	0.02	0.08	3.72e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		899	0.02	0.11	2.07e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
737	ok	883	0.02	0.03	2.46e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		884	0.02	0.02	1.62e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		902	0.02	0.04	6.55e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		901	0.02	0.03	4.25e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
738	ok	884	0.02	0.03	1.35e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		885	0.02	0.05	1.62e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		903	0.02	0.05	1.26e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		902	0.02	0.03	1.93e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
739	ok	885	0.02	0.06	1.68e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		886	0.02	0.07	1.49e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		904	0.02	0.07	1.30e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		903	0.02	0.05	1.54e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
740	ok	886	0.02	0.08	1.60e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		887	0.02	0.08	1.47e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		905	0.02	0.08	1.30e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		904	0.02	0.07	1.36e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
741	ok	887	0.02	0.08	1.47e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		888	0.02	0.08	1.60e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		906	0.02	0.07	1.37e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		905	0.02	0.08	1.30e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
742	ok	888	0.02	0.07	1.49e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		889	0.02	0.06	1.68e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		907	0.02	0.05	1.55e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		906	0.02	0.07	1.30e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
743	ok	889	0.02	0.05	1.61e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		890	0.02	0.03	1.34e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		908	0.02	0.03	1.92e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		907	0.02	0.05	1.26e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
744	ok	890	0.02	0.02	1.61e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		891	0.02	0.03	2.43e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		909	0.02	0.03	4.22e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		908	0.02	0.03	6.56e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
745	ok	892	0.02	0.11	3.92e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		893	0.02	0.10	3.74e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		911	0.02	0.06	2.49e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		910	0.02	0.04	4.31e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
746	ok	893	0.02	0.11	2.56e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		894	0.02	0.13	7.45e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		912	0.02	0.07	3.80e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		911	0.02	0.06	4.97e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
747	ok	894	0.02	0.14	5.37e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		895	0.02	0.15	7.96e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		913	0.02	0.09	4.66e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		912	0.02	0.08	6.69e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
748	ok	895	0.02	0.16	1.75e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		896	0.02	0.15	0.01	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		914	0.02	0.11	4.77e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)

Guscio	Stato	Nodo	x/d	verif.	ver. rid	Rif. cmb	Af pr-	Af pr+	Af sec-	Af sec+	Rete pr + Aggiuntivi	Rete sec + Aggiuntivi
		913	0.02	0.10	6.66e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
749	ok	896	0.02	0.15	0.01	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		897	0.02	0.16	1.79e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		915	0.02	0.10	6.67e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		914	0.02	0.11	4.82e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
750	ok	897	0.02	0.15	7.91e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		898	0.02	0.14	5.59e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		916	0.02	0.08	6.73e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		915	0.02	0.09	4.74e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
751	ok	898	0.02	0.13	7.62e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		899	0.02	0.11	2.57e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		917	0.02	0.06	5.02e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		916	0.02	0.07	3.84e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
752	ok	899	0.02	0.10	3.79e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		900	0.02	0.11	3.81e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		918	0.02	0.04	4.33e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		917	0.02	0.06	2.51e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
753	ok	910	0.02	0.07	1.28e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		911	0.02	0.06	3.09e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		920	0.02	0.02	1.55e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		919	0.02	0.01	4.98e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
754	ok	911	0.02	0.07	3.31e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		912	0.02	0.07	3.75e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		921	0.02	0.05	2.21e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		920	0.02	0.03	3.34e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
755	ok	912	0.02	0.09	3.93e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		913	0.02	0.10	3.73e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		922	0.02	0.07	2.62e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		921	0.02	0.06	3.32e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
756	ok	913	0.02	0.10	3.96e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		914	0.02	0.11	4.19e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		923	0.02	0.08	2.77e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		922	0.02	0.08	3.09e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
757	ok	914	0.02	0.11	4.20e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		915	0.02	0.10	3.98e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		924	0.02	0.08	3.09e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		923	0.02	0.08	2.79e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
758	ok	915	0.02	0.10	3.76e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		916	0.02	0.09	3.97e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		925	0.02	0.06	3.34e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		924	0.02	0.07	2.64e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
759	ok	916	0.02	0.07	3.80e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		917	0.02	0.07	3.35e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		926	0.02	0.03	3.36e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		925	0.02	0.05	2.22e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
760	ok	917	0.02	0.06	3.12e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		918	0.02	0.07	1.28e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		927	0.02	0.01	5.02e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		926	0.02	0.02	1.56e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
761	ok	919	0.02	0.03	2.61e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		920	0.02	0.02	1.74e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		929	0.02	0.04	7.05e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		928	0.02	0.03	4.54e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
762	ok	920	0.02	0.03	1.44e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		921	0.02	0.05	1.73e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		930	0.02	0.05	1.35e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		929	0.02	0.03	2.07e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
763	ok	921	0.02	0.06	1.81e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		922	0.02	0.08	1.60e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		931	0.02	0.07	1.40e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		930	0.02	0.05	1.66e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
764	ok	922	0.02	0.08	1.72e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		923	0.02	0.09	1.58e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		932	0.02	0.08	1.39e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		931	0.02	0.07	1.47e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
765	ok	923	0.02	0.09	1.59e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		924	0.02	0.08	1.72e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		933	0.02	0.07	1.46e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		932	0.02	0.08	1.39e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
766	ok	924	0.02	0.08	1.61e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		925	0.02	0.06	1.82e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		934	0.02	0.05	1.66e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		933	0.02	0.07	1.40e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
767	ok	925	0.02	0.06	1.75e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		926	0.02	0.03	1.45e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		935	0.02	0.03	2.07e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		934	0.02	0.05	1.35e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
768	ok	926	0.02	0.02	1.75e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		927	0.02	0.03	2.64e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		936	0.02	0.03	4.57e-03	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
		935	0.02	0.04	7.04e-04	1,1	62.2	62.2	62.2	62.2	10/20+(12/2 i 12/2 s)	10/20+(12/2 i 12/2 s)
Guscio			**x/d**	**verif.**	**ver. rid**		**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**		
			0.02	0.38	0.02		62.22	62.22	62.22	62.22		


PROGETTO
Stato progetto
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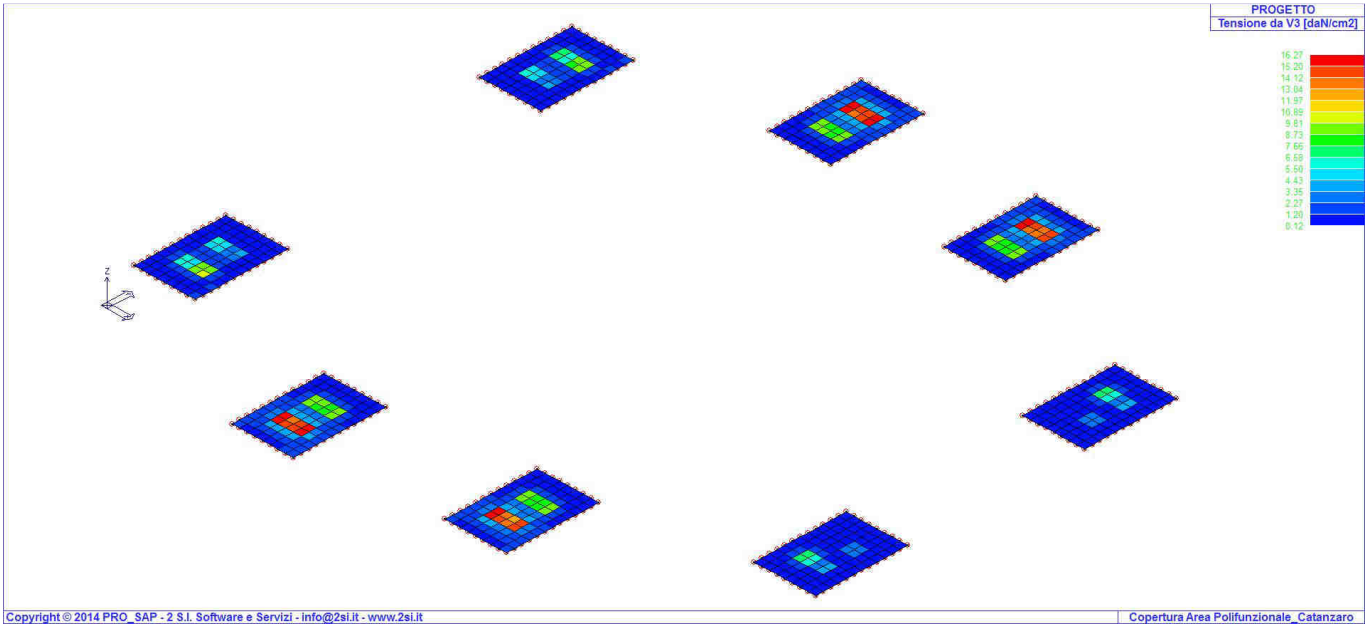
Copertura Area Polifunzionale_Catanzaro
Fig. 1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Tensione da V3 [daN/cm2]
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5.50
4.43
3.35
2.27
1.20
0.12
Copyright © 2014 PRO_SAP - 2 S.I. Software e Servizi - info@2si.it - www.2si.it
Copertura Area Polifunzionale_Catanzaro
Fig. 2

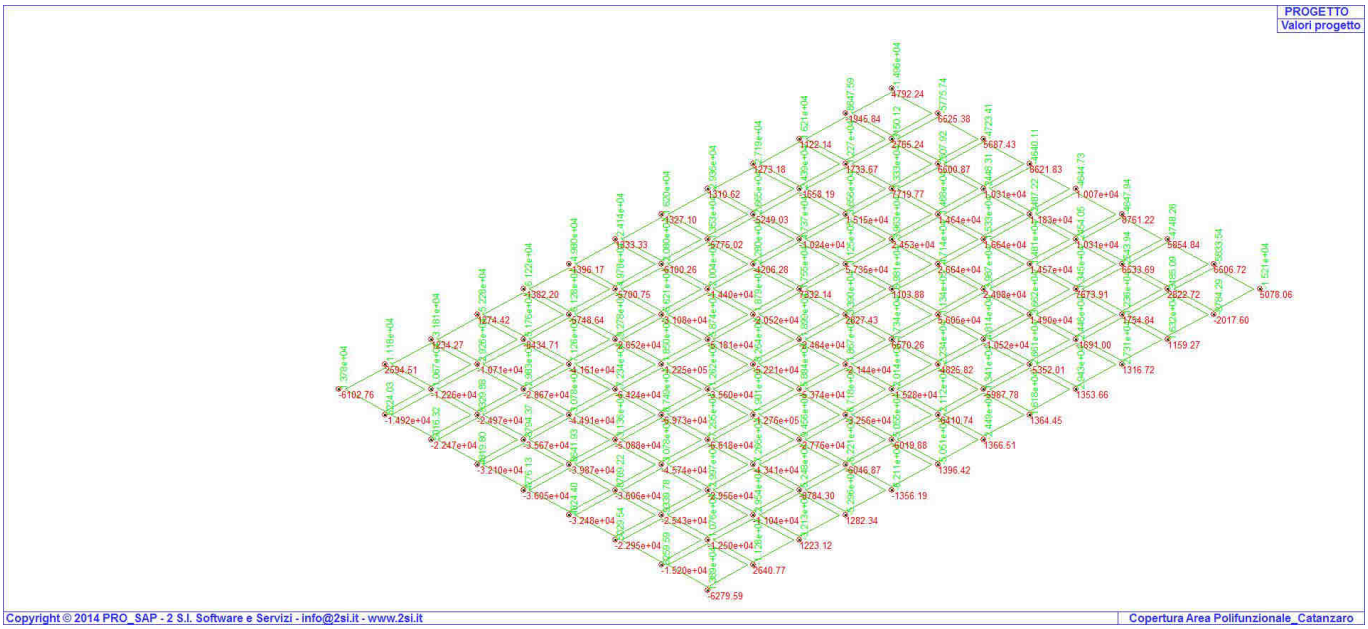
PROGETTO
Valori progetto
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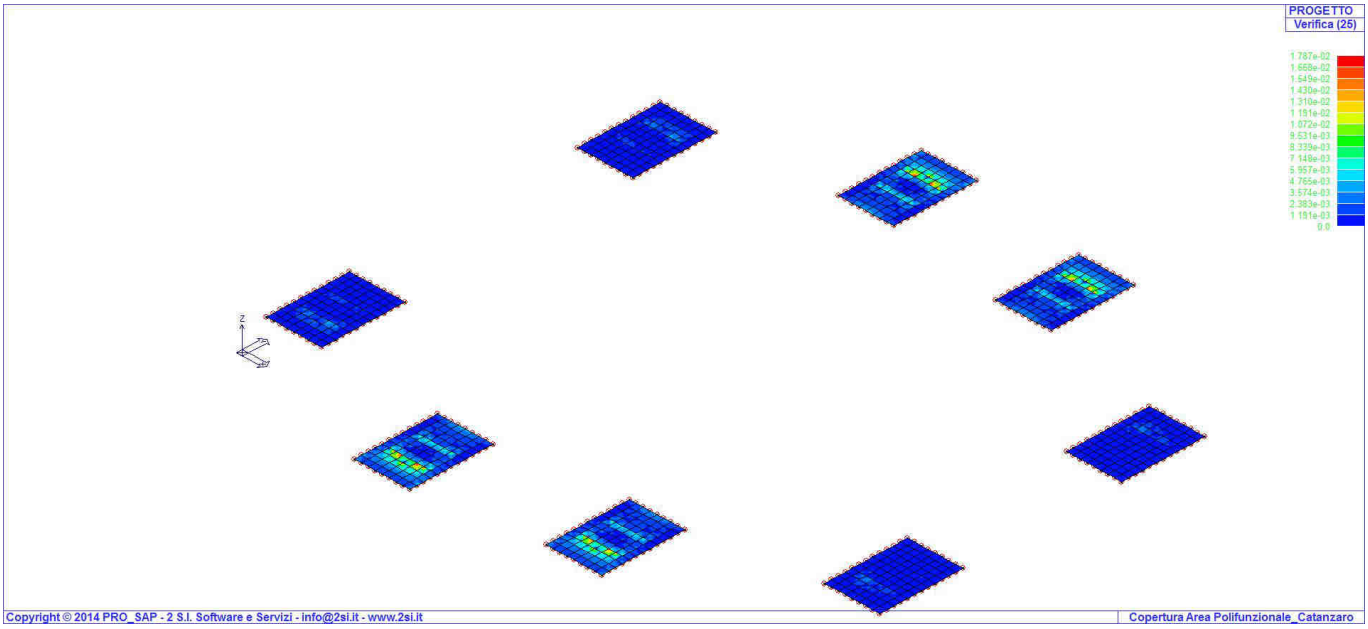
Fig. 3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4.765e-03
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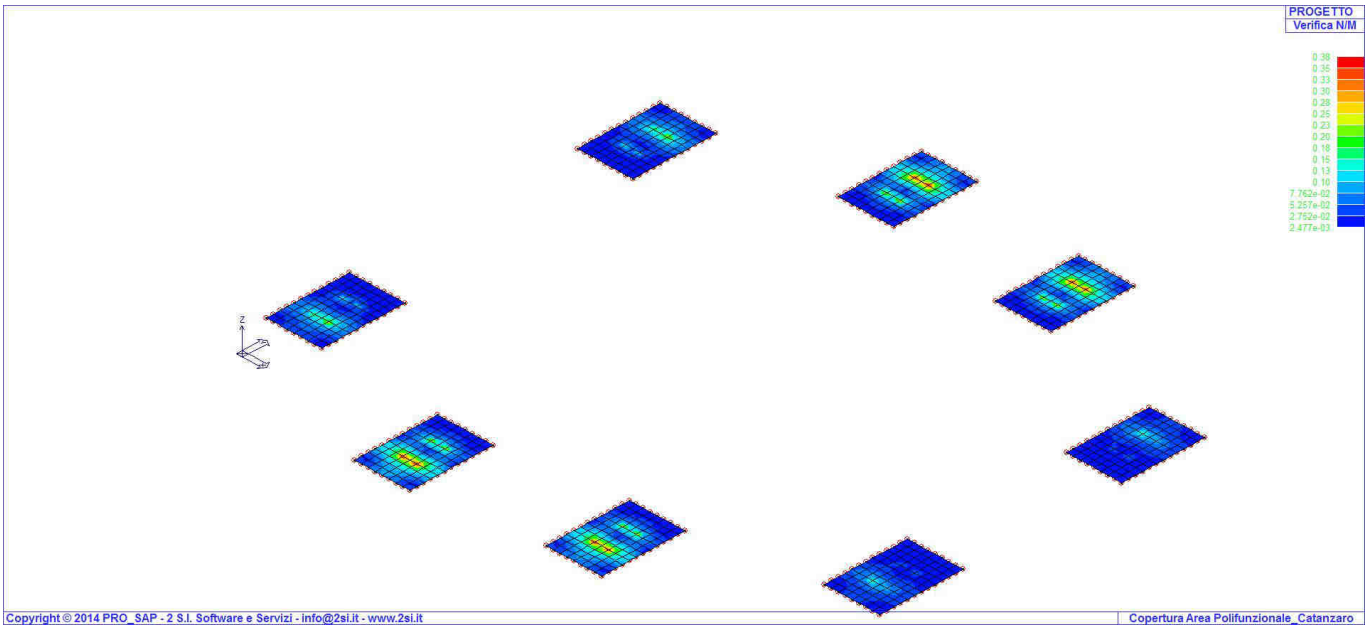
Fig. 4


PROGETTO
Verifica N/M
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Z
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Fig. 5

STATI LIMITE D' ESERCIZIO

LEGENDA TABELLA STATI LIMITE D' ESERCIZIO

In tabella vengono riportati i valori di interesse per il controllo degli stati limite d'esercizio.

In particolare vengono riportati, in relazione al tipo di elemento strutturale, i risultati relativi alle tre categorie di combinazione considerate:

- Combinazioni rare
- Combinazioni frequenti
- Combinazioni quasi permanenti.

I valori di interesse sono i seguenti:

rRfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare	[*normalizzato a 1*]
rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare	[*normalizzato a 1*]
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi permanenti	[*normalizzato a 1*]
wR	apertura caratteristica delle fessure in combinazioni rare	[*mm*]
wF	apertura caratteristica delle fessure in combinazioni frequenti	[*mm*]
wP	apertura caratteristica delle fessure in combinazioni quasi permanenti	[*mm*]
dR	massima deformazione in combinazioni rare	
dF	massima deformazione in combinazioni frequenti	
dP	massima deformazione in combinazioni quasi permanenti	

Per ognuno dei nove valori soprariportati viene indicata (Rif.cmb) la combinazione in cui si è verificato.

In relazione al tipo di elemento strutturale i valori sono selezionati nel modo seguente:

pilastri	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
travi	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
	wR	**wF**	**wP**	per sezioni significative
	dR	**dF**	**dP**	massimi in campata
setti e gusci	**rRfck**	**rRfyk**	**rPfck**	massimi nei nodi dell'elemento
	wR	**wF**	**wP**	massimi nei nodi dell'elemento

Si precisa che i valori di massima deformazione per travi sono riferiti al piano verticale (piano locale 1-2 con momenti flettenti 3-3).

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
					mm	mm	mm	
1	8.08e-03	0.05	6.09e-03	5,5,74	0.0	0.0	0.0	0,0,0
2	0.01	0.06	9.29e-03	5,5,74	0.0	0.0	0.0	0,0,0
3	0.02	0.08	0.01	5,5,74	0.0	0.0	0.0	0,0,0
4	0.02	0.10	0.01	5,5,74	0.0	0.0	0.0	0,0,0
5	0.02	0.10	0.01	5,5,74	0.0	0.0	0.0	0,0,0
6	0.02	0.09	0.01	5,5,74	0.0	0.0	0.0	0,0,0
7	0.01	0.06	9.40e-03	5,5,74	0.0	0.0	0.0	0,0,0
8	8.13e-03	0.05	6.14e-03	5,5,74	0.0	0.0	0.0	0,0,0
9	0.02	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
10	0.02	0.07	0.01	5,5,74	0.0	0.0	0.0	0,0,0
11	0.02	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
12	0.02	0.10	0.02	5,5,74	0.0	0.0	0.0	0,0,0
13	0.02	0.10	0.02	5,5,74	0.0	0.0	0.0	0,0,0
14	0.02	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
15	0.02	0.07	0.01	5,5,74	0.0	0.0	0.0	0,0,0
16	0.02	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
17	0.03	0.10	0.02	5,5,74	0.0	0.0	0.0	0,0,0
18	0.03	0.10	0.03	5,5,74	0.0	0.0	0.0	0,0,0
19	0.04	0.13	0.03	5,5,74	0.0	0.0	0.0	0,0,0
20	0.04	0.15	0.03	5,5,74	0.0	0.0	0.0	0,0,0
21	0.04	0.15	0.03	5,5,74	0.0	0.0	0.0	0,0,0
22	0.04	0.13	0.03	5,5,74	0.0	0.0	0.0	0,0,0
23	0.03	0.10	0.03	5,5,74	0.0	0.0	0.0	0,0,0
24	0.03	0.10	0.02	5,5,74	0.0	0.0	0.0	0,0,0
25	7.46e-03	0.05	5.88e-03	5,5,74	0.0	0.0	0.0	0,0,0
26	0.01	0.06	9.06e-03	5,5,74	0.0	0.0	0.0	0,0,0
27	0.01	0.08	0.01	5,5,74	0.0	0.0	0.0	0,0,0
28	0.02	0.09	0.01	5,5,74	0.0	0.0	0.0	0,0,0
29	0.02	0.09	0.01	5,5,74	0.0	0.0	0.0	0,0,0
30	0.01	0.08	0.01	5,5,74	0.0	0.0	0.0	0,0,0
31	0.01	0.06	8.92e-03	5,5,74	0.0	0.0	0.0	0,0,0
32	7.39e-03	0.05	5.82e-03	5,5,74	0.0	0.0	0.0	0,0,0
33	0.03	0.12	0.03	5,5,74	0.0	0.0	0.0	0,0,0
34	0.05	0.15	0.04	5,5,74	0.0	0.0	0.0	0,0,0
35	0.10	0.30	0.08	5,5,74	0.0	0.0	0.0	0,0,0
36	0.10	0.29	0.07	5,5,74	0.0	0.0	0.0	0,0,0
37	0.10	0.30	0.08	5,5,74	0.0	0.0	0.0	0,0,0
38	0.10	0.31	0.08	5,5,74	0.0	0.0	0.0	0,0,0
39	0.05	0.15	0.04	5,5,74	0.0	0.0	0.0	0,0,0
40	0.03	0.12	0.03	5,5,74	0.0	0.0	0.0	0,0,0
41	0.02	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
42	0.02	0.07	0.01	5,5,74	0.0	0.0	0.0	0,0,0
43	0.02	0.08	0.02	5,5,74	0.0	0.0	0.0	0,0,0
44	0.02	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
45	0.02	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
46	0.02	0.08	0.02	5,5,74	0.0	0.0	0.0	0,0,0
47	0.02	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
48	0.02	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
49	0.03	0.11	0.02	5,5,74	0.0	0.0	0.0	0,0,0
50	0.04	0.22	0.03	5,5,74	0.0	0.0	0.0	0,0,0
51	0.08	0.29	0.06	5,5,74	0.0	0.0	0.0	0,0,0
52	0.08	0.29	0.06	5,5,74	0.0	0.0	0.0	0,0,0
53	0.08	0.29	0.06	5,5,74	0.0	0.0	0.0	0,0,0
54	0.09	0.30	0.07	5,5,74	0.0	0.0	0.0	0,0,0
55	0.04	0.22	0.03	5,5,74	0.0	0.0	0.0	0,0,0
56	0.03	0.11	0.03	5,5,74	0.0	0.0	0.0	0,0,0
57	0.02	0.10	0.02	5,5,74	0.0	0.0	0.0	0,0,0
58	0.03	0.10	0.03	5,5,74	0.0	0.0	0.0	0,0,0
59	0.04	0.12	0.03	5,5,74	0.0	0.0	0.0	0,0,0
60	0.04	0.14	0.03	5,5,74	0.0	0.0	0.0	0,0,0
61	0.04	0.14	0.03	5,5,74	0.0	0.0	0.0	0,0,0
62	0.04	0.12	0.03	5,5,74	0.0	0.0	0.0	0,0,0
63	0.03	0.09	0.03	5,5,74	0.0	0.0	0.0	0,0,0
64	0.02	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
65	0.03	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
66	0.03	0.13	0.03	5,5,74	0.0	0.0	0.0	0,0,0
67	0.04	0.14	0.03	5,5,74	0.0	0.0	0.0	0,0,0
68	0.03	0.17	0.03	5,5,74	0.0	0.0	0.0	0,0,0
69	0.03	0.17	0.03	5,5,74	0.0	0.0	0.0	0,0,0
70	0.04	0.15	0.03	5,5,74	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
71	0.03	0.14	0.03	5,5,74	0.0	0.0	0.0	0,0,0
72	0.03	0.10	0.02	5,5,74	0.0	0.0	0.0	0,0,0
73	0.03	0.11	0.03	5,5,74	0.0	0.0	0.0	0,0,0
74	0.05	0.14	0.04	5,5,74	0.0	0.0	0.0	0,0,0
75	0.10	0.30	0.08	5,5,74	0.0	0.0	0.0	0,0,0
76	0.09	0.28	0.07	5,5,74	0.0	0.0	0.0	0,0,0
77	0.09	0.28	0.07	5,5,74	0.0	0.0	0.0	0,0,0
78	0.10	0.29	0.07	5,5,74	0.0	0.0	0.0	0,0,0
79	0.05	0.14	0.04	5,5,74	0.0	0.0	0.0	0,0,0
80	0.03	0.11	0.02	5,5,74	0.0	0.0	0.0	0,0,0
81	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
82	0.02	0.07	0.02	5,5,74	0.0	0.0	0.0	0,0,0
83	0.02	0.07	0.02	5,5,74	0.0	0.0	0.0	0,0,0
84	0.02	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
85	0.02	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
86	0.02	0.07	0.02	5,5,74	0.0	0.0	0.0	0,0,0
87	0.02	0.07	0.02	5,5,74	0.0	0.0	0.0	0,0,0
88	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
89	0.03	0.11	0.02	5,5,74	0.0	0.0	0.0	0,0,0
90	0.04	0.21	0.03	5,5,74	0.0	0.0	0.0	0,0,0
91	0.08	0.28	0.06	5,5,74	0.0	0.0	0.0	0,0,0
92	0.07	0.28	0.06	5,5,74	0.0	0.0	0.0	0,0,0
93	0.07	0.27	0.06	5,5,74	0.0	0.0	0.0	0,0,0
94	0.08	0.27	0.06	5,5,74	0.0	0.0	0.0	0,0,0
95	0.04	0.20	0.03	5,5,74	0.0	0.0	0.0	0,0,0
96	0.03	0.10	0.02	5,5,74	0.0	0.0	0.0	0,0,0
97	0.01	0.06	9.32e-03	5,5,74	0.0	0.0	0.0	0,0,0
98	0.02	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
99	0.04	0.18	0.03	5,5,74	0.0	0.0	0.0	0,0,0
100	0.04	0.14	0.03	5,5,74	0.0	0.0	0.0	0,0,0
101	0.04	0.14	0.03	5,5,74	0.0	0.0	0.0	0,0,0
102	0.04	0.18	0.03	5,5,74	0.0	0.0	0.0	0,0,0
103	0.02	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
104	0.01	0.06	9.32e-03	5,5,74	0.0	0.0	0.0	0,0,0
105	0.03	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
106	0.03	0.13	0.03	5,5,74	0.0	0.0	0.0	0,0,0
107	0.04	0.14	0.03	5,5,74	0.0	0.0	0.0	0,0,0
108	0.03	0.16	0.03	5,5,74	0.0	0.0	0.0	0,0,0
109	0.03	0.15	0.03	5,5,74	0.0	0.0	0.0	0,0,0
110	0.04	0.13	0.03	5,5,74	0.0	0.0	0.0	0,0,0
111	0.03	0.13	0.03	5,5,74	0.0	0.0	0.0	0,0,0
112	0.03	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
113	0.01	0.07	9.93e-03	5,5,74	0.0	0.0	0.0	0,0,0
114	0.02	0.16	9.97e-03	5,5,74	0.0	0.0	0.0	0,0,0
115	0.05	0.26	0.04	5,5,74	0.0	0.0	0.0	0,0,0
116	0.05	0.23	0.04	5,5,74	0.0	0.0	0.0	0,0,0
117	0.05	0.23	0.04	5,5,74	0.0	0.0	0.0	0,0,0
118	0.05	0.26	0.04	5,5,74	0.0	0.0	0.0	0,0,0
119	0.02	0.16	9.88e-03	5,5,74	0.0	0.0	0.0	0,0,0
120	0.01	0.07	9.88e-03	5,5,74	0.0	0.0	0.0	0,0,0
121	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
122	0.02	0.07	0.02	5,5,74	0.0	0.0	0.0	0,0,0
123	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
124	0.02	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
125	0.02	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
126	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
127	0.02	0.07	0.02	5,5,74	0.0	0.0	0.0	0,0,0
128	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
129	0.01	0.06	9.22e-03	5,5,74	0.0	0.0	0.0	0,0,0
130	0.01	0.09	7.49e-03	5,5,74	0.0	0.0	0.0	0,0,0
131	0.02	0.10	0.01	5,5,74	0.0	0.0	0.0	0,0,0
132	0.02	0.14	0.01	5,5,74	0.0	0.0	0.0	0,0,0
133	0.02	0.14	0.01	5,5,74	0.0	0.0	0.0	0,0,0
134	0.02	0.10	0.01	5,5,74	0.0	0.0	0.0	0,0,0
135	0.01	0.09	7.51e-03	5,5,74	0.0	0.0	0.0	0,0,0
136	0.01	0.06	9.22e-03	5,5,74	0.0	0.0	0.0	0,0,0
137	0.01	0.06	8.84e-03	5,5,74	0.0	0.0	0.0	0,0,0
138	0.02	0.08	0.02	5,5,74	0.0	0.0	0.0	0,0,0
139	0.04	0.17	0.03	5,5,74	0.0	0.0	0.0	0,0,0
140	0.03	0.14	0.02	5,5,74	0.0	0.0	0.0	0,0,0
141	0.03	0.13	0.02	5,5,74	0.0	0.0	0.0	0,0,0
142	0.04	0.17	0.03	5,5,74	0.0	0.0	0.0	0,0,0
143	0.02	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
144	0.01	0.06	8.86e-03	5,5,74	0.0	0.0	0.0	0,0,0
145	8.46e-03	0.05	5.55e-03	5,5,74	0.0	0.0	0.0	0,0,0
146	6.66e-03	0.04	4.10e-03	5,5,74	0.0	0.0	0.0	0,0,0
147	8.14e-03	0.04	5.04e-03	5,5,74	0.0	0.0	0.0	0,0,0
148	9.66e-03	0.05	5.93e-03	5,5,74	0.0	0.0	0.0	0,0,0
149	9.84e-03	0.05	6.08e-03	5,5,74	0.0	0.0	0.0	0,0,0
150	8.30e-03	0.04	5.14e-03	5,5,74	0.0	0.0	0.0	0,0,0
151	6.78e-03	0.04	4.18e-03	5,5,74	0.0	0.0	0.0	0,0,0
152	8.50e-03	0.05	5.59e-03	5,5,74	0.0	0.0	0.0	0,0,0
153	0.01	0.07	9.33e-03	5,5,74	0.0	0.0	0.0	0,0,0
154	0.01	0.15	9.37e-03	5,5,74	0.0	0.0	0.0	0,0,0
155	0.05	0.25	0.03	5,5,74	0.0	0.0	0.0	0,0,0
156	0.05	0.22	0.04	5,5,74	0.0	0.0	0.0	0,0,0
157	0.05	0.22	0.03	5,5,74	0.0	0.0	0.0	0,0,0
158	0.05	0.26	0.03	5,5,74	0.0	0.0	0.0	0,0,0
159	0.01	0.15	9.39e-03	5,5,74	0.0	0.0	0.0	0,0,0
160	0.01	0.07	9.34e-03	5,5,74	0.0	0.0	0.0	0,0,0
161	6.05e-03	0.06	4.07e-03	5,5,74	0.0	0.0	0.0	0,0,0
162	4.30e-03	0.03	2.50e-03	5,5,74	0.0	0.0	0.0	0,0,0
163	5.72e-03	0.02	3.34e-03	5,5,74	0.0	0.0	0.0	0,0,0
164	6.60e-03	0.02	3.84e-03	5,5,74	0.0	0.0	0.0	0,0,0
165	6.55e-03	0.02	3.81e-03	5,5,74	0.0	0.0	0.0	0,0,0
166	5.68e-03	0.02	3.32e-03	5,5,74	0.0	0.0	0.0	0,0,0
167	4.29e-03	0.03	2.50e-03	5,5,74	0.0	0.0	0.0	0,0,0
168	6.12e-03	0.06	4.12e-03	5,5,74	0.0	0.0	0.0	0,0,0
169	0.01	0.06	8.70e-03	5,5,74	0.0	0.0	0.0	0,0,0
170	0.01	0.09	7.14e-03	5,5,74	0.0	0.0	0.0	0,0,0
171	0.02	0.09	0.01	5,5,74	0.0	0.0	0.0	0,0,0
172	0.02	0.13	0.01	5,5,74	0.0	0.0	0.0	0,0,0
173	0.02	0.13	0.01	5,5,74	0.0	0.0	0.0	0,0,0
174	0.02	0.10	0.01	5,5,74	0.0	0.0	0.0	0,0,0
175	0.01	0.09	7.07e-03	5,5,74	0.0	0.0	0.0	0,0,0
176	0.01	0.06	8.67e-03	5,5,74	0.0	0.0	0.0	0,0,0
177	4.28e-03	0.02	4.23e-03	5,5,74	0.0	0.0	0.0	0,0,0
178	7.17e-03	0.03	6.93e-03	5,5,74	0.0	0.0	0.0	0,0,0
179	0.01	0.04	9.65e-03	5,5,74	0.0	0.0	0.0	0,0,0
180	0.01	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
181	0.01	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
182	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
183	7.81e-03	0.03	7.47e-03	5,5,74	0.0	0.0	0.0	0,0,0
184	4.69e-03	0.02	4.55e-03	5,5,74	0.0	0.0	0.0	0,0,0
185	8.10e-03	0.05	5.23e-03	5,5,74	0.0	0.0	0.0	0,0,0
186	6.54e-03	0.04	3.96e-03	5,5,74	0.0	0.0	0.0	0,0,0
187	8.00e-03	0.04	4.87e-03	5,5,74	0.0	0.0	0.0	0,0,0
188	9.46e-03	0.05	5.74e-03	5,5,74	0.0	0.0	0.0	0,0,0
189	9.24e-03	0.05	5.59e-03	5,5,74	0.0	0.0	0.0	0,0,0
190	7.77e-03	0.04	4.73e-03	5,5,74	0.0	0.0	0.0	0,0,0
191	6.36e-03	0.04	3.85e-03	5,5,74	0.0	0.0	0.0	0,0,0
192	8.02e-03	0.05	5.18e-03	5,5,74	0.0	0.0	0.0	0,0,0
193	9.54e-03	0.03	8.92e-03	5,5,74	0.0	0.0	0.0	0,0,0
194	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
195	0.01	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
196	0.01	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
197	0.02	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
198	0.01	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
199	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
200	0.01	0.04	9.31e-03	5,5,74	0.0	0.0	0.0	0,0,0
201	5.66e-03	0.05	3.74e-03	5,5,74	0.0	0.0	0.0	0,0,0
202	4.02e-03	0.02	2.27e-03	5,5,74	0.0	0.0	0.0	0,0,0
203	5.40e-03	0.02	3.05e-03	5,5,74	0.0	0.0	0.0	0,0,0
204	6.28e-03	0.02	3.52e-03	5,5,74	0.0	0.0	0.0	0,0,0
205	6.33e-03	0.02	3.55e-03	5,5,74	0.0	0.0	0.0	0,0,0
206	5.41e-03	0.02	3.06e-03	5,5,74	0.0	0.0	0.0	0,0,0
207	4.01e-03	0.02	2.26e-03	5,5,74	0.0	0.0	0.0	0,0,0
208	5.56e-03	0.05	3.67e-03	5,5,74	0.0	0.0	0.0	0,0,0
209	0.02	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
210	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
211	0.02	0.07	0.02	5,5,74	0.0	0.0	0.0	0,0,0
212	0.02	0.08	0.02	5,5,74	0.0	0.0	0.0	0,0,0
213	0.03	0.08	0.02	5,5,74	0.0	0.0	0.0	0,0,0
214	0.02	0.08	0.02	5,5,74	0.0	0.0	0.0	0,0,0
215	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
216	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
217	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
218	0.03	0.07	0.02	5,5,74	0.0	0.0	0.0	0,0,0
219	0.05	0.15	0.04	5,5,74	0.0	0.0	0.0	0,0,0
220	0.05	0.16	0.04	5,5,74	0.0	0.0	0.0	0,0,0
221	0.06	0.19	0.05	5,5,74	0.0	0.0	0.0	0,0,0
222	0.06	0.20	0.05	5,5,74	0.0	0.0	0.0	0,0,0
223	0.03	0.08	0.03	5,5,74	0.0	0.0	0.0	0,0,0
224	0.02	0.07	0.02	5,5,74	0.0	0.0	0.0	0,0,0
225	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
226	0.02	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
227	0.04	0.13	0.03	5,5,74	0.0	0.0	0.0	0,0,0
228	0.04	0.14	0.03	5,5,74	0.0	0.0	0.0	0,0,0
229	0.05	0.17	0.04	5,5,74	0.0	0.0	0.0	0,0,0
230	0.05	0.17	0.04	5,5,74	0.0	0.0	0.0	0,0,0
231	0.03	0.12	0.02	5,5,74	0.0	0.0	0.0	0,0,0
232	0.02	0.07	0.02	5,5,74	0.0	0.0	0.0	0,0,0
233	0.02	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
234	0.02	0.07	0.02	5,5,74	0.0	0.0	0.0	0,0,0
235	0.02	0.07	0.02	5,5,74	0.0	0.0	0.0	0,0,0
236	0.02	0.08	0.02	5,5,74	0.0	0.0	0.0	0,0,0
237	0.02	0.08	0.02	5,5,74	0.0	0.0	0.0	0,0,0
238	0.02	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
239	0.02	0.08	0.02	5,5,74	0.0	0.0	0.0	0,0,0
240	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
241	3.54e-03	0.02	3.80e-03	5,5,74	0.0	0.0	0.0	0,0,0
242	5.95e-03	0.02	5.92e-03	5,5,74	0.0	0.0	0.0	0,0,0
243	8.06e-03	0.03	7.89e-03	5,5,74	0.0	0.0	0.0	0,0,0
244	8.55e-03	0.03	8.38e-03	5,5,74	0.0	0.0	0.0	0,0,0
245	8.44e-03	0.03	8.30e-03	5,5,74	0.0	0.0	0.0	0,0,0
246	7.30e-03	0.03	7.29e-03	5,5,74	0.0	0.0	0.0	0,0,0
247	5.19e-03	0.02	5.30e-03	5,5,74	0.0	0.0	0.0	0,0,0
248	3.06e-03	0.01	3.22e-03	5,5,74	0.0	0.0	0.0	0,0,0
249	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
250	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
251	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
252	0.01	0.03	0.01	5,5,74	0.0	0.0	0.0	0,0,0
253	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
254	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
255	0.01	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
256	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
257	7.11e-03	0.03	6.85e-03	5,5,74	0.0	0.0	0.0	0,0,0
258	7.87e-03	0.03	7.42e-03	5,5,74	0.0	0.0	0.0	0,0,0
259	0.01	0.04	9.94e-03	5,5,74	0.0	0.0	0.0	0,0,0
260	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
261	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
262	9.43e-03	0.03	9.01e-03	5,5,74	0.0	0.0	0.0	0,0,0
263	7.66e-03	0.03	7.35e-03	5,5,74	0.0	0.0	0.0	0,0,0
264	6.52e-03	0.02	6.42e-03	5,5,74	0.0	0.0	0.0	0,0,0
265	6.40e-03	0.03	6.09e-03	5,5,74	0.0	0.0	0.0	0,0,0
266	0.01	0.04	7.64e-03	5,5,74	0.0	0.0	0.0	0,0,0
267	0.02	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
268	0.02	0.07	0.01	5,5,74	0.0	0.0	0.0	0,0,0
269	0.02	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
270	0.01	0.06	9.74e-03	5,5,74	0.0	0.0	0.0	0,0,0
271	7.91e-03	0.03	7.75e-03	5,5,74	0.0	0.0	0.0	0,0,0
272	6.53e-03	0.02	6.38e-03	5,5,74	0.0	0.0	0.0	0,0,0
273	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
274	0.01	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
275	0.02	0.05	0.02	5,5,74	0.0	0.0	0.0	0,0,0
276	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
277	0.02	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
278	0.01	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
279	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
280	0.01	0.03	9.62e-03	5,5,74	0.0	0.0	0.0	0,0,0
281	5.91e-03	0.03	3.40e-03	5,5,74	0.0	0.0	0.0	0,0,0
282	8.42e-03	0.06	5.07e-03	5,5,74	0.0	0.0	0.0	0,0,0
283	0.03	0.14	0.02	5,5,74	0.0	0.0	0.0	0,0,0
284	0.03	0.11	0.02	5,5,74	0.0	0.0	0.0	0,0,0
285	0.03	0.10	0.02	5,5,74	0.0	0.0	0.0	0,0,0
286	0.03	0.11	0.02	5,5,74	0.0	0.0	0.0	0,0,0
287	5.96e-03	0.05	3.64e-03	5,5,74	0.0	0.0	0.0	0,0,0
288	4.03e-03	0.02	3.26e-03	5,5,74	0.0	0.0	0.0	0,0,0
289	0.01	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
290	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
291	0.04	0.13	0.04	5,5,74	0.0	0.0	0.0	0,0,0
292	0.04	0.13	0.04	5,5,74	0.0	0.0	0.0	0,0,0
293	0.03	0.09	0.03	5,5,74	0.0	0.0	0.0	0,0,0
294	0.03	0.09	0.03	5,5,74	0.0	0.0	0.0	0,0,0
295	0.02	0.05	0.02	5,5,74	0.0	0.0	0.0	0,0,0
296	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
297	5.53e-03	0.02	3.37e-03	5,5,74	0.0	0.0	0.0	0,0,0
298	5.57e-03	0.03	3.14e-03	5,5,74	0.0	0.0	0.0	0,0,0
299	8.17e-03	0.04	5.33e-03	5,5,74	0.0	0.0	0.0	0,0,0
300	8.62e-03	0.05	5.73e-03	5,5,74	0.0	0.0	0.0	0,0,0
301	9.15e-03	0.05	6.05e-03	5,5,74	0.0	0.0	0.0	0,0,0
302	8.30e-03	0.04	5.35e-03	5,5,74	0.0	0.0	0.0	0,0,0
303	4.52e-03	0.03	2.22e-03	5,5,74	0.0	0.0	0.0	0,0,0
304	4.48e-03	0.02	2.50e-03	5,5,74	0.0	0.0	0.0	0,0,0
305	0.01	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
306	0.02	0.08	0.02	5,5,74	0.0	0.0	0.0	0,0,0
307	0.04	0.12	0.03	5,5,74	0.0	0.0	0.0	0,0,0
308	0.03	0.12	0.03	5,5,74	0.0	0.0	0.0	0,0,0
309	0.02	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
310	0.02	0.08	0.02	5,5,74	0.0	0.0	0.0	0,0,0
311	0.01	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
312	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
313	3.06e-03	0.01	1.64e-03	5,5,74	0.0	0.0	0.0	0,0,0
314	2.39e-03	0.01	1.02e-03	5,5,74	0.0	0.0	0.0	0,0,0
315	3.21e-03	0.02	1.25e-03	5,5,74	0.0	0.0	0.0	0,0,0
316	4.20e-03	0.02	2.11e-03	5,5,74	0.0	0.0	0.0	0,0,0
317	4.06e-03	0.02	2.16e-03	5,5,74	0.0	0.0	0.0	0,0,0
318	3.33e-03	0.02	1.86e-03	5,5,74	0.0	0.0	0.0	0,0,0
319	2.44e-03	0.01	1.78e-03	5,5,74	0.0	0.0	0.0	0,0,0
320	2.77e-03	0.01	1.43e-03	5,5,74	0.0	0.0	0.0	0,0,0
321	0.01	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
322	0.01	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
323	0.02	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
324	0.01	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
325	0.01	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
326	0.01	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
327	0.01	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
328	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
329	1.07e-03	0.01	8.78e-04	5,5,74	0.0	0.0	0.0	0,0,0
330	8.89e-04	6.65e-03	9.06e-04	5,5,74	0.0	0.0	0.0	0,0,0
331	1.66e-03	5.54e-03	1.00e-03	5,5,74	0.0	0.0	0.0	0,0,0
332	2.26e-03	6.36e-03	1.30e-03	5,5,74	0.0	0.0	0.0	0,0,0
333	2.13e-03	5.96e-03	1.73e-03	5,5,74	0.0	0.0	0.0	0,0,0
334	1.75e-03	5.42e-03	1.88e-03	5,5,74	0.0	0.0	0.0	0,0,0
335	1.16e-03	6.42e-03	1.74e-03	5,5,74	0.0	0.0	0.0	0,0,0
336	1.05e-03	0.02	1.42e-03	5,5,74	0.0	0.0	0.0	0,0,0
337	8.68e-03	0.03	8.44e-03	5,5,74	0.0	0.0	0.0	0,0,0
338	0.01	0.04	9.62e-03	5,5,74	0.0	0.0	0.0	0,0,0
339	0.01	0.03	9.63e-03	5,5,74	0.0	0.0	0.0	0,0,0
340	9.46e-03	0.03	9.25e-03	5,5,74	0.0	0.0	0.0	0,0,0
341	8.64e-03	0.03	8.62e-03	5,5,74	0.0	0.0	0.0	0,0,0
342	8.90e-03	0.03	8.81e-03	5,5,74	0.0	0.0	0.0	0,0,0
343	9.18e-03	0.03	9.03e-03	5,5,74	0.0	0.0	0.0	0,0,0
344	7.99e-03	0.03	7.95e-03	5,5,74	0.0	0.0	0.0	0,0,0
345	5.23e-03	0.02	5.42e-03	5,5,74	0.0	0.0	0.0	0,0,0
346	6.53e-03	0.02	6.61e-03	5,5,74	0.0	0.0	0.0	0,0,0
347	9.93e-03	0.03	9.47e-03	5,5,74	0.0	0.0	0.0	0,0,0
348	6.84e-03	0.02	6.43e-03	5,5,74	0.0	0.0	0.0	0,0,0
349	7.68e-03	0.03	5.57e-03	5,5,74	0.0	0.0	0.0	0,0,0
350	9.90e-03	0.04	6.46e-03	5,5,74	0.0	0.0	0.0	0,0,0
351	5.57e-03	0.02	5.90e-03	5,5,74	0.0	0.0	0.0	0,0,0
352	5.06e-03	0.02	5.28e-03	5,5,74	0.0	0.0	0.0	0,0,0
353	2.86e-03	0.01	3.20e-03	5,5,74	0.0	0.0	0.0	0,0,0
354	3.93e-03	0.02	4.37e-03	5,5,74	0.0	0.0	0.0	0,0,0
355	0.01	0.05	6.53e-03	5,5,74	0.0	0.0	0.0	0,0,0
356	0.01	0.05	7.97e-03	5,5,74	0.0	0.0	0.0	0,0,0
357	0.01	0.05	8.50e-03	5,5,74	0.0	0.0	0.0	0,0,0
358	0.01	0.07	0.01	5,5,74	0.0	0.0	0.0	0,0,0
359	2.52e-03	0.03	2.96e-03	5,5,74	0.0	0.0	0.0	0,0,0
360	2.67e-03	0.01	3.06e-03	5,5,74	0.0	0.0	0.0	0,0,0
361	1.66e-03	9.52e-03	2.02e-03	5,5,74	0.0	0.0	0.0	0,0,0
362	2.36e-03	0.01	3.06e-03	5,5,74	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
363	2.37e-03	0.01	3.11e-03	5,5,74	0.0	0.0	0.0	0,0,0
364	3.01e-03	0.02	3.07e-03	5,5,74	0.0	0.0	0.0	0,0,0
365	2.67e-03	0.02	2.82e-03	5,5,74	0.0	0.0	0.0	0,0,0
366	2.19e-03	0.02	2.27e-03	5,5,74	0.0	0.0	0.0	0,0,0
367	1.27e-03	0.01	1.89e-03	6,5,74	0.0	0.0	0.0	0,0,0
368	1.43e-03	7.90e-03	1.91e-03	5,5,74	0.0	0.0	0.0	0,0,0
369	1.29e-03	0.01	1.85e-03	6,5,74	0.0	0.0	0.0	0,0,0
370	1.96e-03	8.25e-03	2.71e-03	6,5,74	0.0	0.0	0.0	0,0,0
371	2.14e-03	8.51e-03	3.00e-03	6,5,74	0.0	0.0	0.0	0,0,0
372	2.24e-03	8.50e-03	3.06e-03	5,5,74	0.0	0.0	0.0	0,0,0
373	2.10e-03	7.74e-03	2.91e-03	6,5,74	0.0	0.0	0.0	0,0,0
374	1.79e-03	6.86e-03	2.56e-03	6,5,74	0.0	0.0	0.0	0,0,0
375	1.46e-03	7.40e-03	2.11e-03	6,5,74	0.0	0.0	0.0	0,0,0
376	1.15e-03	9.87e-03	1.59e-03	6,5,74	0.0	0.0	0.0	0,0,0
377	1.39e-03	0.01	2.00e-03	6,5,74	0.0	0.0	0.0	0,0,0
378	1.92e-03	6.01e-03	2.66e-03	6,6,74	0.0	0.0	0.0	0,0,0
379	2.14e-03	6.90e-03	2.99e-03	6,5,74	0.0	0.0	0.0	0,0,0
380	2.23e-03	7.08e-03	3.05e-03	6,5,74	0.0	0.0	0.0	0,0,0
381	2.09e-03	6.12e-03	2.92e-03	6,6,74	0.0	0.0	0.0	0,0,0
382	1.74e-03	5.14e-03	2.55e-03	6,5,74	0.0	0.0	0.0	0,0,0
383	1.45e-03	5.39e-03	2.13e-03	6,5,74	0.0	0.0	0.0	0,0,0
384	1.02e-03	0.01	1.40e-03	5,5,74	0.0	0.0	0.0	0,0,0
385	1.39e-03	0.01	2.00e-03	6,5,74	0.0	0.0	0.0	0,0,0
386	1.93e-03	6.02e-03	2.65e-03	6,6,74	0.0	0.0	0.0	0,0,0
387	2.15e-03	6.91e-03	2.98e-03	6,5,74	0.0	0.0	0.0	0,0,0
388	2.24e-03	7.10e-03	3.04e-03	5,5,74	0.0	0.0	0.0	0,0,0
389	2.10e-03	6.15e-03	2.92e-03	6,6,74	0.0	0.0	0.0	0,0,0
390	1.76e-03	5.15e-03	2.56e-03	6,5,74	0.0	0.0	0.0	0,0,0
391	1.47e-03	5.39e-03	2.14e-03	6,5,74	0.0	0.0	0.0	0,0,0
392	1.03e-03	0.01	1.41e-03	5,5,74	0.0	0.0	0.0	0,0,0
393	1.29e-03	0.01	1.84e-03	6,5,74	0.0	0.0	0.0	0,0,0
394	1.96e-03	8.25e-03	2.69e-03	6,5,74	0.0	0.0	0.0	0,0,0
395	2.15e-03	8.51e-03	2.99e-03	6,5,74	0.0	0.0	0.0	0,0,0
396	2.25e-03	8.51e-03	3.04e-03	5,5,74	0.0	0.0	0.0	0,0,0
397	2.12e-03	7.75e-03	2.91e-03	6,5,74	0.0	0.0	0.0	0,0,0
398	1.81e-03	6.85e-03	2.57e-03	6,5,74	0.0	0.0	0.0	0,0,0
399	1.48e-03	7.38e-03	2.12e-03	6,5,74	0.0	0.0	0.0	0,0,0
400	1.16e-03	9.82e-03	1.60e-03	6,5,74	0.0	0.0	0.0	0,0,0
401	1.66e-03	9.53e-03	2.01e-03	5,5,74	0.0	0.0	0.0	0,0,0
402	2.36e-03	0.01	3.04e-03	5,5,74	0.0	0.0	0.0	0,0,0
403	2.34e-03	0.01	3.10e-03	5,5,74	0.0	0.0	0.0	0,0,0
404	2.98e-03	0.02	3.03e-03	5,5,74	0.0	0.0	0.0	0,0,0
405	2.61e-03	0.02	2.81e-03	5,5,74	0.0	0.0	0.0	0,0,0
406	2.12e-03	0.02	2.28e-03	5,5,74	0.0	0.0	0.0	0,0,0
407	1.28e-03	0.01	1.90e-03	6,5,74	0.0	0.0	0.0	0,0,0
408	1.45e-03	7.75e-03	1.92e-03	5,5,74	0.0	0.0	0.0	0,0,0
409	2.86e-03	0.01	3.18e-03	5,5,74	0.0	0.0	0.0	0,0,0
410	3.92e-03	0.02	4.33e-03	5,5,74	0.0	0.0	0.0	0,0,0
411	0.01	0.05	6.63e-03	5,5,74	0.0	0.0	0.0	0,0,0
412	0.01	0.05	8.05e-03	5,5,74	0.0	0.0	0.0	0,0,0
413	0.01	0.05	8.31e-03	5,5,74	0.0	0.0	0.0	0,0,0
414	0.01	0.07	9.80e-03	5,5,74	0.0	0.0	0.0	0,0,0
415	2.53e-03	0.03	2.96e-03	5,5,74	0.0	0.0	0.0	0,0,0
416	2.68e-03	0.01	3.07e-03	5,5,74	0.0	0.0	0.0	0,0,0
417	5.21e-03	0.02	5.40e-03	5,5,74	0.0	0.0	0.0	0,0,0
418	6.51e-03	0.02	6.57e-03	5,5,74	0.0	0.0	0.0	0,0,0
419	0.01	0.03	9.41e-03	5,5,74	0.0	0.0	0.0	0,0,0
420	6.79e-03	0.02	6.38e-03	5,5,74	0.0	0.0	0.0	0,0,0
421	7.54e-03	0.03	5.56e-03	5,5,74	0.0	0.0	0.0	0,0,0
422	9.76e-03	0.04	6.33e-03	5,5,74	0.0	0.0	0.0	0,0,0
423	5.58e-03	0.02	5.90e-03	5,5,74	0.0	0.0	0.0	0,0,0
424	5.06e-03	0.02	5.28e-03	5,5,74	0.0	0.0	0.0	0,0,0
425	1.09e-03	0.01	8.74e-04	5,5,74	0.0	0.0	0.0	0,0,0
426	8.95e-04	6.63e-03	9.10e-04	5,5,74	0.0	0.0	0.0	0,0,0
427	1.65e-03	5.47e-03	1.00e-03	5,5,74	0.0	0.0	0.0	0,0,0
428	2.23e-03	6.20e-03	1.25e-03	5,5,74	0.0	0.0	0.0	0,0,0
429	2.10e-03	5.81e-03	1.69e-03	5,5,74	0.0	0.0	0.0	0,0,0
430	1.72e-03	5.45e-03	1.85e-03	5,5,74	0.0	0.0	0.0	0,0,0
431	1.13e-03	6.43e-03	1.71e-03	5,5,74	0.0	0.0	0.0	0,0,0
432	1.04e-03	0.02	1.40e-03	5,5,74	0.0	0.0	0.0	0,0,0
433	8.66e-03	0.03	8.41e-03	5,5,74	0.0	0.0	0.0	0,0,0
434	0.01	0.04	9.58e-03	5,5,74	0.0	0.0	0.0	0,0,0
435	0.01	0.03	9.59e-03	5,5,74	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
436	9.43e-03	0.03	9.20e-03	5,5,74	0.0	0.0	0.0	0,0,0
437	8.65e-03	0.03	8.62e-03	5,5,74	0.0	0.0	0.0	0,0,0
438	8.88e-03	0.03	8.79e-03	5,5,74	0.0	0.0	0.0	0,0,0
439	9.16e-03	0.03	9.01e-03	5,5,74	0.0	0.0	0.0	0,0,0
440	7.97e-03	0.03	7.93e-03	5,5,74	0.0	0.0	0.0	0,0,0
441	3.09e-03	0.01	1.66e-03	5,5,74	0.0	0.0	0.0	0,0,0
442	2.43e-03	0.01	1.05e-03	5,5,74	0.0	0.0	0.0	0,0,0
443	3.19e-03	0.02	1.22e-03	5,5,74	0.0	0.0	0.0	0,0,0
444	4.18e-03	0.02	2.09e-03	5,5,74	0.0	0.0	0.0	0,0,0
445	4.04e-03	0.02	2.14e-03	5,5,74	0.0	0.0	0.0	0,0,0
446	3.31e-03	0.02	1.83e-03	5,5,74	0.0	0.0	0.0	0,0,0
447	2.43e-03	0.01	1.75e-03	5,5,74	0.0	0.0	0.0	0,0,0
448	2.78e-03	0.01	1.43e-03	5,5,74	0.0	0.0	0.0	0,0,0
449	0.01	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
450	0.01	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
451	0.02	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
452	0.01	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
453	0.01	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
454	0.01	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
455	0.01	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
456	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
457	5.57e-03	0.02	3.40e-03	5,5,74	0.0	0.0	0.0	0,0,0
458	5.57e-03	0.04	3.15e-03	5,5,74	0.0	0.0	0.0	0,0,0
459	8.18e-03	0.04	5.34e-03	5,5,74	0.0	0.0	0.0	0,0,0
460	8.63e-03	0.05	5.73e-03	5,5,74	0.0	0.0	0.0	0,0,0
461	9.14e-03	0.05	6.05e-03	5,5,74	0.0	0.0	0.0	0,0,0
462	8.30e-03	0.04	5.35e-03	5,5,74	0.0	0.0	0.0	0,0,0
463	4.55e-03	0.03	2.25e-03	5,5,74	0.0	0.0	0.0	0,0,0
464	4.50e-03	0.02	2.52e-03	5,5,74	0.0	0.0	0.0	0,0,0
465	0.01	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
466	0.02	0.08	0.02	5,5,74	0.0	0.0	0.0	0,0,0
467	0.04	0.12	0.03	5,5,74	0.0	0.0	0.0	0,0,0
468	0.03	0.11	0.03	5,5,74	0.0	0.0	0.0	0,0,0
469	0.02	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
470	0.02	0.08	0.02	5,5,74	0.0	0.0	0.0	0,0,0
471	0.01	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
472	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
473	5.91e-03	0.03	3.38e-03	5,5,74	0.0	0.0	0.0	0,0,0
474	8.40e-03	0.06	5.05e-03	5,5,74	0.0	0.0	0.0	0,0,0
475	0.03	0.13	0.02	5,5,74	0.0	0.0	0.0	0,0,0
476	0.03	0.11	0.02	5,5,74	0.0	0.0	0.0	0,0,0
477	0.03	0.10	0.02	5,5,74	0.0	0.0	0.0	0,0,0
478	0.03	0.11	0.02	5,5,74	0.0	0.0	0.0	0,0,0
479	6.04e-03	0.05	3.60e-03	5,5,74	0.0	0.0	0.0	0,0,0
480	4.05e-03	0.02	3.26e-03	5,5,74	0.0	0.0	0.0	0,0,0
481	0.01	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
482	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
483	0.04	0.13	0.04	5,5,74	0.0	0.0	0.0	0,0,0
484	0.04	0.13	0.04	5,5,74	0.0	0.0	0.0	0,0,0
485	0.03	0.09	0.03	5,5,74	0.0	0.0	0.0	0,0,0
486	0.03	0.09	0.03	5,5,74	0.0	0.0	0.0	0,0,0
487	0.02	0.05	0.02	5,5,74	0.0	0.0	0.0	0,0,0
488	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
489	6.42e-03	0.03	6.09e-03	5,5,74	0.0	0.0	0.0	0,0,0
490	0.01	0.04	7.67e-03	5,5,74	0.0	0.0	0.0	0,0,0
491	0.02	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
492	0.02	0.07	0.01	5,5,74	0.0	0.0	0.0	0,0,0
493	0.02	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
494	0.01	0.06	9.66e-03	5,5,74	0.0	0.0	0.0	0,0,0
495	7.91e-03	0.03	7.75e-03	5,5,74	0.0	0.0	0.0	0,0,0
496	6.55e-03	0.02	6.39e-03	5,5,74	0.0	0.0	0.0	0,0,0
497	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
498	0.01	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
499	0.02	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
500	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
501	0.02	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
502	0.01	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
503	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
504	9.96e-03	0.03	9.58e-03	5,5,74	0.0	0.0	0.0	0,0,0
505	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
506	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
507	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
508	0.01	0.03	0.01	5,5,74	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
509	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
510	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
511	0.01	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
512	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
513	7.09e-03	0.03	6.83e-03	5,5,74	0.0	0.0	0.0	0,0,0
514	7.86e-03	0.03	7.41e-03	5,5,74	0.0	0.0	0.0	0,0,0
515	0.01	0.04	9.91e-03	5,5,74	0.0	0.0	0.0	0,0,0
516	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
517	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
518	9.39e-03	0.03	8.97e-03	5,5,74	0.0	0.0	0.0	0,0,0
519	7.62e-03	0.03	7.31e-03	5,5,74	0.0	0.0	0.0	0,0,0
520	6.48e-03	0.02	6.39e-03	5,5,74	0.0	0.0	0.0	0,0,0
521	0.02	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
522	0.02	0.07	0.02	5,5,74	0.0	0.0	0.0	0,0,0
523	0.02	0.07	0.02	5,5,74	0.0	0.0	0.0	0,0,0
524	0.02	0.08	0.02	5,5,74	0.0	0.0	0.0	0,0,0
525	0.02	0.08	0.02	5,5,74	0.0	0.0	0.0	0,0,0
526	0.02	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
527	0.02	0.08	0.02	5,5,74	0.0	0.0	0.0	0,0,0
528	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
529	3.53e-03	0.02	3.79e-03	5,5,74	0.0	0.0	0.0	0,0,0
530	5.94e-03	0.02	5.91e-03	5,5,74	0.0	0.0	0.0	0,0,0
531	8.05e-03	0.03	7.87e-03	5,5,74	0.0	0.0	0.0	0,0,0
532	8.53e-03	0.03	8.35e-03	5,5,74	0.0	0.0	0.0	0,0,0
533	8.42e-03	0.03	8.27e-03	5,5,74	0.0	0.0	0.0	0,0,0
534	7.27e-03	0.03	7.27e-03	5,5,74	0.0	0.0	0.0	0,0,0
535	5.17e-03	0.02	5.27e-03	5,5,74	0.0	0.0	0.0	0,0,0
536	3.05e-03	0.01	3.21e-03	5,5,74	0.0	0.0	0.0	0,0,0
537	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
538	0.02	0.10	0.02	5,5,74	0.0	0.0	0.0	0,0,0
539	0.04	0.13	0.03	5,5,74	0.0	0.0	0.0	0,0,0
540	0.04	0.14	0.03	5,5,74	0.0	0.0	0.0	0,0,0
541	0.05	0.16	0.04	5,5,74	0.0	0.0	0.0	0,0,0
542	0.05	0.17	0.04	5,5,74	0.0	0.0	0.0	0,0,0
543	0.03	0.12	0.02	5,5,74	0.0	0.0	0.0	0,0,0
544	0.02	0.07	0.02	5,5,74	0.0	0.0	0.0	0,0,0
545	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
546	0.03	0.07	0.02	5,5,74	0.0	0.0	0.0	0,0,0
547	0.05	0.16	0.04	5,5,74	0.0	0.0	0.0	0,0,0
548	0.05	0.16	0.04	5,5,74	0.0	0.0	0.0	0,0,0
549	0.06	0.19	0.05	5,5,74	0.0	0.0	0.0	0,0,0
550	0.06	0.20	0.05	5,5,74	0.0	0.0	0.0	0,0,0
551	0.03	0.08	0.03	5,5,74	0.0	0.0	0.0	0,0,0
552	0.02	0.07	0.02	5,5,74	0.0	0.0	0.0	0,0,0
553	0.02	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
554	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
555	0.02	0.07	0.02	5,5,74	0.0	0.0	0.0	0,0,0
556	0.02	0.08	0.02	5,5,74	0.0	0.0	0.0	0,0,0
557	0.03	0.08	0.02	5,5,74	0.0	0.0	0.0	0,0,0
558	0.02	0.08	0.02	5,5,74	0.0	0.0	0.0	0,0,0
559	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
560	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
561	9.60e-03	0.03	8.97e-03	5,5,74	0.0	0.0	0.0	0,0,0
562	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
563	0.01	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
564	0.01	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
565	0.02	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
566	0.01	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
567	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
568	0.01	0.04	9.30e-03	5,5,74	0.0	0.0	0.0	0,0,0
569	5.65e-03	0.05	3.74e-03	5,5,74	0.0	0.0	0.0	0,0,0
570	4.02e-03	0.02	2.27e-03	5,5,74	0.0	0.0	0.0	0,0,0
571	5.40e-03	0.02	3.06e-03	5,5,74	0.0	0.0	0.0	0,0,0
572	6.30e-03	0.02	3.53e-03	5,5,74	0.0	0.0	0.0	0,0,0
573	6.33e-03	0.02	3.56e-03	5,5,74	0.0	0.0	0.0	0,0,0
574	5.43e-03	0.02	3.08e-03	5,5,74	0.0	0.0	0.0	0,0,0
575	4.03e-03	0.02	2.27e-03	5,5,74	0.0	0.0	0.0	0,0,0
576	5.60e-03	0.05	3.70e-03	5,5,74	0.0	0.0	0.0	0,0,0
577	4.30e-03	0.02	4.24e-03	5,5,74	0.0	0.0	0.0	0,0,0
578	7.22e-03	0.03	6.97e-03	5,5,74	0.0	0.0	0.0	0,0,0
579	0.01	0.04	9.68e-03	5,5,74	0.0	0.0	0.0	0,0,0
580	0.01	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
581	0.01	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
582	0.01	0.04	0.01	5,5,74	0.0	0.0	0.0	0,0,0
583	7.78e-03	0.03	7.44e-03	5,5,74	0.0	0.0	0.0	0,0,0
584	4.68e-03	0.02	4.53e-03	5,5,74	0.0	0.0	0.0	0,0,0
585	8.10e-03	0.05	5.23e-03	5,5,74	0.0	0.0	0.0	0,0,0
586	6.51e-03	0.04	3.95e-03	5,5,74	0.0	0.0	0.0	0,0,0
587	7.97e-03	0.04	4.86e-03	5,5,74	0.0	0.0	0.0	0,0,0
588	9.44e-03	0.05	5.74e-03	5,5,74	0.0	0.0	0.0	0,0,0
589	9.31e-03	0.05	5.62e-03	5,5,74	0.0	0.0	0.0	0,0,0
590	7.84e-03	0.04	4.76e-03	5,5,74	0.0	0.0	0.0	0,0,0
591	6.41e-03	0.04	3.88e-03	5,5,74	0.0	0.0	0.0	0,0,0
592	8.06e-03	0.05	5.20e-03	5,5,74	0.0	0.0	0.0	0,0,0
593	0.01	0.06	8.71e-03	5,5,74	0.0	0.0	0.0	0,0,0
594	0.01	0.09	7.14e-03	5,5,74	0.0	0.0	0.0	0,0,0
595	0.02	0.10	0.01	5,5,74	0.0	0.0	0.0	0,0,0
596	0.02	0.13	0.01	5,5,74	0.0	0.0	0.0	0,0,0
597	0.02	0.13	0.01	5,5,74	0.0	0.0	0.0	0,0,0
598	0.02	0.10	0.01	5,5,74	0.0	0.0	0.0	0,0,0
599	0.01	0.09	7.11e-03	5,5,74	0.0	0.0	0.0	0,0,0
600	0.01	0.06	8.70e-03	5,5,74	0.0	0.0	0.0	0,0,0
601	6.04e-03	0.06	4.07e-03	5,5,74	0.0	0.0	0.0	0,0,0
602	4.29e-03	0.03	2.50e-03	5,5,74	0.0	0.0	0.0	0,0,0
603	5.72e-03	0.02	3.34e-03	5,5,74	0.0	0.0	0.0	0,0,0
604	6.60e-03	0.02	3.84e-03	5,5,74	0.0	0.0	0.0	0,0,0
605	6.55e-03	0.02	3.81e-03	5,5,74	0.0	0.0	0.0	0,0,0
606	5.68e-03	0.02	3.31e-03	5,5,74	0.0	0.0	0.0	0,0,0
607	4.28e-03	0.03	2.49e-03	5,5,74	0.0	0.0	0.0	0,0,0
608	6.11e-03	0.06	4.11e-03	5,5,74	0.0	0.0	0.0	0,0,0
609	0.01	0.07	9.35e-03	5,5,74	0.0	0.0	0.0	0,0,0
610	0.01	0.15	9.38e-03	5,5,74	0.0	0.0	0.0	0,0,0
611	0.05	0.25	0.03	5,5,74	0.0	0.0	0.0	0,0,0
612	0.05	0.22	0.04	5,5,74	0.0	0.0	0.0	0,0,0
613	0.05	0.22	0.04	5,5,74	0.0	0.0	0.0	0,0,0
614	0.05	0.26	0.03	5,5,74	0.0	0.0	0.0	0,0,0
615	0.01	0.15	9.42e-03	5,5,74	0.0	0.0	0.0	0,0,0
616	0.01	0.07	9.37e-03	5,5,74	0.0	0.0	0.0	0,0,0
617	8.45e-03	0.05	5.55e-03	5,5,74	0.0	0.0	0.0	0,0,0
618	6.67e-03	0.04	4.11e-03	5,5,74	0.0	0.0	0.0	0,0,0
619	8.15e-03	0.04	5.04e-03	5,5,74	0.0	0.0	0.0	0,0,0
620	9.66e-03	0.05	5.93e-03	5,5,74	0.0	0.0	0.0	0,0,0
621	9.82e-03	0.05	6.07e-03	5,5,74	0.0	0.0	0.0	0,0,0
622	8.28e-03	0.04	5.13e-03	5,5,74	0.0	0.0	0.0	0,0,0
623	6.77e-03	0.04	4.18e-03	5,5,74	0.0	0.0	0.0	0,0,0
624	8.49e-03	0.05	5.59e-03	5,5,74	0.0	0.0	0.0	0,0,0
625	0.01	0.06	8.86e-03	5,5,74	0.0	0.0	0.0	0,0,0
626	0.02	0.08	0.02	5,5,74	0.0	0.0	0.0	0,0,0
627	0.04	0.17	0.03	5,5,74	0.0	0.0	0.0	0,0,0
628	0.03	0.14	0.02	5,5,74	0.0	0.0	0.0	0,0,0
629	0.03	0.14	0.02	5,5,74	0.0	0.0	0.0	0,0,0
630	0.04	0.17	0.03	5,5,74	0.0	0.0	0.0	0,0,0
631	0.02	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
632	0.01	0.06	8.87e-03	5,5,74	0.0	0.0	0.0	0,0,0
633	0.01	0.06	9.22e-03	5,5,74	0.0	0.0	0.0	0,0,0
634	0.01	0.09	7.49e-03	5,5,74	0.0	0.0	0.0	0,0,0
635	0.02	0.10	0.01	5,5,74	0.0	0.0	0.0	0,0,0
636	0.02	0.14	0.01	5,5,74	0.0	0.0	0.0	0,0,0
637	0.02	0.14	0.01	5,5,74	0.0	0.0	0.0	0,0,0
638	0.02	0.10	0.01	5,5,74	0.0	0.0	0.0	0,0,0
639	0.01	0.09	7.50e-03	5,5,74	0.0	0.0	0.0	0,0,0
640	0.01	0.06	9.21e-03	5,5,74	0.0	0.0	0.0	0,0,0
641	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
642	0.02	0.07	0.02	5,5,74	0.0	0.0	0.0	0,0,0
643	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
644	0.02	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
645	0.02	0.05	0.01	5,5,74	0.0	0.0	0.0	0,0,0
646	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
647	0.02	0.07	0.02	5,5,74	0.0	0.0	0.0	0,0,0
648	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
649	0.01	0.07	9.93e-03	5,5,74	0.0	0.0	0.0	0,0,0
650	0.02	0.16	9.96e-03	5,5,74	0.0	0.0	0.0	0,0,0
651	0.05	0.26	0.04	5,5,74	0.0	0.0	0.0	0,0,0
652	0.05	0.23	0.04	5,5,74	0.0	0.0	0.0	0,0,0
653	0.05	0.23	0.04	5,5,74	0.0	0.0	0.0	0,0,0
654	0.05	0.26	0.04	5,5,74	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
655	0.02	0.16	9.87e-03	5,5,74	0.0	0.0	0.0	0,0,0
656	0.01	0.07	9.87e-03	5,5,74	0.0	0.0	0.0	0,0,0
657	0.03	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
658	0.03	0.13	0.03	5,5,74	0.0	0.0	0.0	0,0,0
659	0.04	0.14	0.03	5,5,74	0.0	0.0	0.0	0,0,0
660	0.03	0.16	0.03	5,5,74	0.0	0.0	0.0	0,0,0
661	0.03	0.16	0.03	5,5,74	0.0	0.0	0.0	0,0,0
662	0.04	0.13	0.03	5,5,74	0.0	0.0	0.0	0,0,0
663	0.03	0.13	0.03	5,5,74	0.0	0.0	0.0	0,0,0
664	0.03	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
665	0.01	0.06	9.31e-03	5,5,74	0.0	0.0	0.0	0,0,0
666	0.02	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
667	0.04	0.18	0.03	5,5,74	0.0	0.0	0.0	0,0,0
668	0.04	0.14	0.03	5,5,74	0.0	0.0	0.0	0,0,0
669	0.04	0.14	0.03	5,5,74	0.0	0.0	0.0	0,0,0
670	0.04	0.18	0.03	5,5,74	0.0	0.0	0.0	0,0,0
671	0.02	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
672	0.01	0.06	9.32e-03	5,5,74	0.0	0.0	0.0	0,0,0
673	0.03	0.11	0.02	5,5,74	0.0	0.0	0.0	0,0,0
674	0.04	0.21	0.03	5,5,74	0.0	0.0	0.0	0,0,0
675	0.08	0.28	0.06	5,5,74	0.0	0.0	0.0	0,0,0
676	0.07	0.28	0.06	5,5,74	0.0	0.0	0.0	0,0,0
677	0.07	0.27	0.06	5,5,74	0.0	0.0	0.0	0,0,0
678	0.08	0.27	0.06	5,5,74	0.0	0.0	0.0	0,0,0
679	0.04	0.20	0.03	5,5,74	0.0	0.0	0.0	0,0,0
680	0.03	0.10	0.02	5,5,74	0.0	0.0	0.0	0,0,0
681	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
682	0.02	0.07	0.02	5,5,74	0.0	0.0	0.0	0,0,0
683	0.02	0.07	0.02	5,5,74	0.0	0.0	0.0	0,0,0
684	0.02	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
685	0.02	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
686	0.02	0.07	0.02	5,5,74	0.0	0.0	0.0	0,0,0
687	0.02	0.07	0.02	5,5,74	0.0	0.0	0.0	0,0,0
688	0.02	0.06	0.02	5,5,74	0.0	0.0	0.0	0,0,0
689	0.03	0.11	0.03	5,5,74	0.0	0.0	0.0	0,0,0
690	0.05	0.14	0.04	5,5,74	0.0	0.0	0.0	0,0,0
691	0.10	0.30	0.08	5,5,74	0.0	0.0	0.0	0,0,0
692	0.09	0.28	0.07	5,5,74	0.0	0.0	0.0	0,0,0
693	0.09	0.28	0.07	5,5,74	0.0	0.0	0.0	0,0,0
694	0.10	0.29	0.07	5,5,74	0.0	0.0	0.0	0,0,0
695	0.05	0.14	0.04	5,5,74	0.0	0.0	0.0	0,0,0
696	0.03	0.11	0.02	5,5,74	0.0	0.0	0.0	0,0,0
697	0.03	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
698	0.03	0.13	0.03	5,5,74	0.0	0.0	0.0	0,0,0
699	0.04	0.14	0.03	5,5,74	0.0	0.0	0.0	0,0,0
700	0.03	0.17	0.03	5,5,74	0.0	0.0	0.0	0,0,0
701	0.03	0.17	0.03	5,5,74	0.0	0.0	0.0	0,0,0
702	0.04	0.14	0.03	5,5,74	0.0	0.0	0.0	0,0,0
703	0.03	0.14	0.03	5,5,74	0.0	0.0	0.0	0,0,0
704	0.03	0.10	0.02	5,5,74	0.0	0.0	0.0	0,0,0
705	0.02	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
706	0.03	0.10	0.03	5,5,74	0.0	0.0	0.0	0,0,0
707	0.04	0.12	0.03	5,5,74	0.0	0.0	0.0	0,0,0
708	0.04	0.14	0.03	5,5,74	0.0	0.0	0.0	0,0,0
709	0.04	0.14	0.03	5,5,74	0.0	0.0	0.0	0,0,0
710	0.04	0.12	0.03	5,5,74	0.0	0.0	0.0	0,0,0
711	0.03	0.09	0.03	5,5,74	0.0	0.0	0.0	0,0,0
712	0.02	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
713	0.03	0.11	0.02	5,5,74	0.0	0.0	0.0	0,0,0
714	0.04	0.22	0.03	5,5,74	0.0	0.0	0.0	0,0,0
715	0.08	0.29	0.06	5,5,74	0.0	0.0	0.0	0,0,0
716	0.08	0.29	0.06	5,5,74	0.0	0.0	0.0	0,0,0
717	0.08	0.29	0.06	5,5,74	0.0	0.0	0.0	0,0,0
718	0.09	0.30	0.07	5,5,74	0.0	0.0	0.0	0,0,0
719	0.04	0.22	0.03	5,5,74	0.0	0.0	0.0	0,0,0
720	0.03	0.11	0.02	5,5,74	0.0	0.0	0.0	0,0,0
721	0.02	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
722	0.02	0.07	0.01	5,5,74	0.0	0.0	0.0	0,0,0
723	0.02	0.08	0.02	5,5,74	0.0	0.0	0.0	0,0,0
724	0.02	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
725	0.02	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
726	0.02	0.08	0.02	5,5,74	0.0	0.0	0.0	0,0,0
727	0.02	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
728	0.02	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
729	0.03	0.12	0.03	5,5,74	0.0	0.0	0.0	0,0,0
730	0.05	0.15	0.04	5,5,74	0.0	0.0	0.0	0,0,0
731	0.10	0.30	0.08	5,5,74	0.0	0.0	0.0	0,0,0
732	0.09	0.29	0.07	5,5,74	0.0	0.0	0.0	0,0,0
733	0.10	0.30	0.08	5,5,74	0.0	0.0	0.0	0,0,0
734	0.10	0.31	0.08	5,5,74	0.0	0.0	0.0	0,0,0
735	0.05	0.15	0.04	5,5,74	0.0	0.0	0.0	0,0,0
736	0.03	0.12	0.03	5,5,74	0.0	0.0	0.0	0,0,0
737	7.47e-03	0.05	5.88e-03	5,5,74	0.0	0.0	0.0	0,0,0
738	0.01	0.06	9.05e-03	5,5,74	0.0	0.0	0.0	0,0,0
739	0.01	0.08	0.01	5,5,74	0.0	0.0	0.0	0,0,0
740	0.02	0.09	0.01	5,5,74	0.0	0.0	0.0	0,0,0
741	0.02	0.09	0.01	5,5,74	0.0	0.0	0.0	0,0,0
742	0.01	0.08	0.01	5,5,74	0.0	0.0	0.0	0,0,0
743	0.01	0.06	8.96e-03	5,5,74	0.0	0.0	0.0	0,0,0
744	7.44e-03	0.05	5.84e-03	5,5,74	0.0	0.0	0.0	0,0,0
745	0.03	0.10	0.02	5,5,74	0.0	0.0	0.0	0,0,0
746	0.03	0.10	0.03	5,5,74	0.0	0.0	0.0	0,0,0
747	0.04	0.13	0.03	5,5,74	0.0	0.0	0.0	0,0,0
748	0.04	0.15	0.03	5,5,74	0.0	0.0	0.0	0,0,0
749	0.04	0.15	0.03	5,5,74	0.0	0.0	0.0	0,0,0
750	0.04	0.13	0.03	5,5,74	0.0	0.0	0.0	0,0,0
751	0.03	0.10	0.03	5,5,74	0.0	0.0	0.0	0,0,0
752	0.03	0.10	0.02	5,5,74	0.0	0.0	0.0	0,0,0
753	0.02	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
754	0.02	0.07	0.01	5,5,74	0.0	0.0	0.0	0,0,0
755	0.02	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
756	0.02	0.10	0.02	5,5,74	0.0	0.0	0.0	0,0,0
757	0.02	0.10	0.02	5,5,74	0.0	0.0	0.0	0,0,0
758	0.02	0.09	0.02	5,5,74	0.0	0.0	0.0	0,0,0
759	0.02	0.07	0.01	5,5,74	0.0	0.0	0.0	0,0,0
760	0.02	0.06	0.01	5,5,74	0.0	0.0	0.0	0,0,0
761	8.07e-03	0.05	6.09e-03	5,5,74	0.0	0.0	0.0	0,0,0
762	0.01	0.06	9.28e-03	5,5,74	0.0	0.0	0.0	0,0,0
763	0.02	0.08	0.01	5,5,74	0.0	0.0	0.0	0,0,0
764	0.02	0.10	0.01	5,5,74	0.0	0.0	0.0	0,0,0
765	0.02	0.10	0.01	5,5,74	0.0	0.0	0.0	0,0,0
766	0.02	0.09	0.01	5,5,74	0.0	0.0	0.0	0,0,0
767	0.01	0.06	9.38e-03	5,5,74	0.0	0.0	0.0	0,0,0
768	8.11e-03	0.05	6.13e-03	5,5,74	0.0	0.0	0.0	0,0,0
Guscio	**rRfck**	**rRfyk**	**rPfck**		**wR**	**wF**	**wP**	
	0.10	0.31	0.08		0.0	0.0	0.0	

VERIFICHE PER ELEMENTI IN ACCIAIO

LEGENDA TABELLA VERIFICHE PER ELEMENTI IN ACCIAIO

Il programma consente la verifica dei seguenti tipi di elementi:
1. **aste** 2. **travi** 3. **pilastri**
L'esito delle verifiche è espresso con un codice come di seguito indicato

Ok: verifica con esito positivo
NV: verifica con esito negativo
Nr: verifica non richiesta.

Per comodità gli elementi vengono raggruppati in tabelle in relazione al tipo.

Ai fini delle verifiche (come da D.M. 14 Gennaio 2008 e circ. 2 Febbraio 2009 n.617) i tipi elementi differiscono per i seguenti aspetti:

Verifica		**Aste**	**Travi**	**Pilastri**
4.2.3.1	Classificazione	X	X	X
4.2.4.1.2	Trazione, Compressione	X	X	X
	Taglio, Torsione		X	X
	Flessione,taglio e forza assiale		X	X
4.2.4.1.3.1	Aste compresse	X	X	X
4.2.4.1.3.2	Instabilità flesso-torsionale		X	X
4.2.4.1.3.3	Membrature inflesse e compresse		X	X

Ai fini delle verifiche per strutture dissipative (come da D.M. 14 Gennaio 2008 e circ. 2 Febbraio 2009 n.617 per strutture intelaiate e a controventi concentrici) si considerano le verifiche del capitolo 4 con azioni amplificate e le verifiche del capitolo 7:

Verifica		**Travi**	**Pilastri**
4.2.4.1.2	Trazione, Compressione	X	X
	Taglio, Torsione		X
	Flessione,taglio e forza assiale	X	X
4.2.4.1.3.1	Aste compresse	X	X
4.2.4.1.3.2	Instabilità flesso-torsionale		X
7.5.3	Sfruttamento per momento	X	
7.5.4	Sfruttamento per sforzo normale	X	
7.5.5	Sfruttamento per taglio da capacità flessionale	X	
7.5.9	Sfruttamento per taglio amplificato		X

Viene inoltre riportata la verifica del par. 7.5.4.3 Gerarchia delle resistenze trave-colonna per ogni colonna, considerando piede e testa in entrambe le direzioni globali X e Y.

L' insieme delle verifiche soprariportate è condotto sugli elementi purchè dotati di sezione idonea come da tabella seguente:

Azione		SEZIONI GENERICHE	PROFILI SEMPLICI	PROFILI ACCOPPIATI
4.2.3.1	Classificazione automatica	L, doppio T, C, rettangolare cava, circolare cava	Tutti	Da profilo semplice
4.2.3.1	Classificazione di default 2	Circolare		
4.2.3.1	Classificazione di default 3	restanti		
4.2.4.1.2	Trazione	si	si	si
4.2.4.1.2	Compressione	si	si	si
4.2.4.1.2	Taglio, Torsione	si	si	si
4.2.4.1.2	Flessione,taglio e forza assiale	si	si	si
4.2.4.1.3.1	Aste compresse	si	si	per elementi ravvicinati e a croce o coppie calstrellate
4.2.4.1.3.2	Travi inflesse	doppio T simmetrica	doppio T	no

Le verifiche sono riportate in tabelle con il significato sottoindicato; le verifiche sono espresse dal rapporto tra l' azione di progetto e la capacità ultima, pertanto la verifica ha esito positivo per rapporti non superiori all' unità.

Asta **Trave** **Pilastro**	numero dell'elemento
Stato	codice di verifica per resistenza, stabilità, svergolamento
Note	sezione e materiali adottati per l'elemento
V N	(ASTE) verifica come da par. 4.2.4.1.2 per punto (4.2.6) e (4.2.10)
V V/T	(TRAVI E PILASTRI) verifica come da par. 4.2.4.1.2 per azioni taglio-torsione
V N/M	(TRAVI E PILASTRI) verifica come da par. 4.2.4.1.2 per azioni composte con riduzione per taglio (4.2.41) ove richiesto
N M3 M2 V2 V3 T	sollecitazioni di interesse per la verifica
V stab	(ASTE) verifica come da par. 4.2.4.1.3 per punto (4.2.42)
V stab	(TRAVI E PILASTRI) verifica come da par. 4.2.4.1.3 per punti (C4.2.32) o (C4.2.36) (membrature inflesse e compresse senza/con presenza di instabilità flesso-torsionale

BetaxL **B22xL** **B33xL**	lunghezze libere di inflessione (se indicato riferiti al piano di normale 22 o 33 rispettivamente)
Snellezza	snellezza massima
Classe	classe del profilo
Chi mn	coefficiente di riduzione (della capacità) per la modalità di instabilità pertinente
Rif. cmb	combinazioni in cui si sono rispettivamente attinti i valori di verifica più elevati
V flst	(TRAVI E PILASTRI) verifica come da par. 4.2.4.1.3 per punto (4.2.29)
B1-1 x L	Beta1-1 x L: interasse tra i ritegni torsionali
Chi LT	coefficiente di riduzione (della capacità) per la modalità di instabilità flesso-torsionale
Snell adim	Valore della snellezza adimensionale, utilizzato per il controllo previsto al par. 7.5.5
v.Omeg	Valore del rapporto capacità/domanda per l' azione di interesse (momento per travi e azione assiale per aste) utilizzato per l' amplificazione delle azioni
f.Om. N	Fattore di amplificazione delle azioni assiali per travi e colonne (prodotto di 1.1 x Omega x gamma rd materiale); utilizzato come specificato al par. 7.5.5
f.Om. T	Fattore di amplificazione delle azioni (assiali, flettenti e taglianti) per colonne (prodotto di 1.1 x Omega x gamma rd materiale); utilizzato come specificato al par. 7.5.4
V.7.5.3 M Ed	Verifica come prevista al punto 7.5.3 e valore dell' azione flettente
V.7.5.4 N Ed	Verifica come prevista al punto 7.5.4 e valore dell' azione assiale
V.7.5.5 V Ed,G V Ed,M	Verifica come prevista al punto 7.5.5 e valore dei tagli dovuti ai carichi e alla capacità
V.7.5.9 V Ed	Verifica come prevista al punto 7.5.9 e valore dell' azione di taglio
sovr. Xi (Xf, Yi, Yf)	Valore della sovraresistenza come prevista al par. 7.5.4.3 (i valori non sono normalizzati pertanto saranno maggiori uguali a gamma rd classe di duttilità)

Con riferimento al **Documento di Affidabilità** "*Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST*" - versione Maggio 2011, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
55	VERIFICA DI STABILITA' DI ASTE COMPRESSE IN ACCIAIO – METODO OMEGA
56	LUCE LIBERA DI TRAVI E ASTE IN ACCIAIO
57	LUCE LIBERA DI COLONNE IN ACCIAIO
58	SVERGOLAMENTO DI TRAVI IN ACCIAIO
63	STABILITA' DI ASTE COMPOSTE IN ACCIAIO
68	VALUTAZIONE EFFETTO P-δ SU PILASTRATA
69	VALUTAZIONE EFFETTO P-δ SU TELAIO 3D

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
				daN		daN		cm					
1	ok	s=23,m=11	0.61	-6.703e+04	0.67	-6.703e+04	2	459.6	48.5	0.56	0.91	0.0	1,1
2	ok	s=23,m=11	0.61	-6.715e+04	0.67	-6.715e+04	2	459.6	48.5	0.56	0.91	0.0	1,1
3	ok	s=23,m=11	0.40	4.424e+04			2	459.6	48.5	0.56	0.91	0.0	1,0
4	ok	s=23,m=11	0.37	4.033e+04			2	459.6	48.5	0.56	0.91	0.0	1,0
5	ok	s=23,m=11	0.40	4.401e+04			2	459.6	48.5	0.56	0.91	0.0	1,0
6	ok	s=23,m=11	0.37	4.049e+04			2	459.6	48.5	0.56	0.91	0.0	1,0
7	ok	s=23,m=11	0.61	-6.683e+04	0.67	-6.683e+04	2	459.6	48.5	0.56	0.91	0.0	1,1
8	ok	s=23,m=11	0.61	-6.710e+04	0.67	-6.710e+04	2	459.6	48.5	0.56	0.91	0.0	1,1
9	ok	s=23,m=11	0.57	-6.319e+04	0.64	-6.319e+04	2	473.6	50.0	0.58	0.90	0.0	1,1
10	ok	s=23,m=11	0.58	-6.386e+04	0.64	-6.386e+04	2	473.6	50.0	0.58	0.90	0.0	1,1
11	ok	s=23,m=11	0.35	3.859e+04			2	473.6	50.0	0.58	0.90	0.0	1,0
12	ok	s=23,m=11	0.39	4.347e+04			2	473.6	50.0	0.58	0.90	0.0	1,0
13	ok	s=23,m=11	0.39	4.265e+04			2	473.6	50.0	0.58	0.90	0.0	1,0
14	ok	s=23,m=11	0.36	3.957e+04			2	473.6	50.0	0.58	0.90	0.0	1,0
15	ok	s=23,m=11	0.58	-6.366e+04	0.64	-6.366e+04	2	473.6	50.0	0.58	0.90	0.0	1,1
16	ok	s=23,m=11	0.58	-6.375e+04	0.64	-6.375e+04	2	473.6	50.0	0.58	0.90	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
17	ok	s=23,m=11	0.26	-2.920e+04	0.35	-2.920e+04	2	705.3	74.4	0.86	0.76	0.0	1,1
18	ok	s=23,m=11	0.19	-2.118e+04	0.25	-2.118e+04	2	705.3	74.4	0.86	0.76	0.0	16,16
19	ok	s=23,m=11	0.27	-3.030e+04	0.36	-3.030e+04	2	705.3	74.4	0.86	0.76	0.0	17,17
20	ok	s=23,m=11	0.35	3.827e+04	0.23	-1.944e+04	2	705.3	74.4	0.86	0.76	0.0	14,11
21	ok	s=23,m=11	0.25	-2.744e+04	0.33	-2.744e+04	2	705.3	74.4	0.86	0.76	0.0	10,10
22	ok	s=23,m=11	0.33	3.603e+04	0.21	-1.756e+04	2	705.3	74.4	0.86	0.76	0.0	21,20
23	ok	s=23,m=11	0.26	-2.875e+04	0.34	-2.875e+04	2	705.3	74.4	0.86	0.76	0.0	1,1
24	ok	s=23,m=11	0.17	-1.825e+04	0.22	-1.825e+04	2	705.3	74.4	0.86	0.76	0.0	7,7
25	ok	s=7,m=11	0.22	2.893e+04			3	160.0	14.2	0.16	1.00	0.0	1,0
26	ok	s=23,m=11	0.31	-3.436e+04	0.47	-3.436e+04	2	831.4	87.7	1.01	0.66	0.0	14,14
27	ok	s=23,m=11	0.40	-4.460e+04	0.61	-4.460e+04	2	831.4	87.7	1.01	0.66	0.0	1,1
28	ok	s=23,m=11	0.45	4.938e+04	0.27	-1.927e+04	2	831.4	87.7	1.01	0.66	0.0	12,13
29	ok	s=23,m=11	0.34	3.735e+04	0.44	-3.207e+04	2	831.4	87.7	1.01	0.66	0.0	14,11
30	ok	s=23,m=11	0.43	4.717e+04	0.25	-1.821e+04	2	831.4	87.7	1.01	0.66	0.0	19,22
31	ok	s=23,m=11	0.33	3.589e+04	0.41	-2.955e+04	2	831.4	87.7	1.01	0.66	0.0	21,20
32	ok	s=23,m=11	0.30	-3.281e+04	0.45	-3.281e+04	2	831.4	87.7	1.01	0.66	0.0	21,21
33	ok	s=23,m=11	0.41	-4.480e+04	0.62	-4.480e+04	2	831.4	87.7	1.01	0.66	0.0	1,1
34	ok	s=7,m=11	0.22	2.884e+04			3	160.0	14.2	0.16	1.00	0.0	1,0
35	ok	s=11,m=11	0.26	2.333e+04			2	160.0	21.1	0.24	0.99	0.0	1,0
36	ok	s=11,m=11	0.27	2.342e+04			2	160.0	21.1	0.24	0.99	0.0	1,0
37	ok	s=8,m=11	0.23	-2.584e+04	0.24	-2.584e+04	2	270.1	28.5	0.33	0.97	0.0	1,1
38	ok	s=8,m=11	0.23	-2.530e+04	0.24	-2.530e+04	2	270.1	28.5	0.33	0.97	0.0	1,1
39	ok	s=8,m=11	0.23	-2.538e+04	0.24	-2.538e+04	2	270.1	28.5	0.33	0.97	0.0	1,1
40	ok	s=8,m=11	0.23	-2.573e+04	0.24	-2.573e+04	2	270.1	28.5	0.33	0.97	0.0	1,1
41	ok	s=12,m=11	0.20	-1.790e+04	0.21	-1.790e+04	2	268.1	35.4	0.41	0.95	0.0	1,1
42	ok	s=12,m=11	0.18	-1.589e+04	0.19	-1.589e+04	2	268.1	35.4	0.41	0.95	0.0	1,1
43	ok	s=12,m=11	0.18	-1.615e+04	0.19	-1.615e+04	2	268.1	35.4	0.41	0.95	0.0	1,1
44	ok	s=12,m=11	0.20	-1.771e+04	0.21	-1.771e+04	2	268.1	35.4	0.41	0.95	0.0	1,1
45	ok	s=7,m=11	0.25	3.247e+04			3	160.0	14.2	0.16	1.00	0.0	1,0
46	ok	s=7,m=11	0.25	3.245e+04			3	160.0	14.2	0.16	1.00	0.0	1,0
47	ok	s=11,m=11	0.27	2.338e+04			2	160.0	21.1	0.24	0.99	0.0	1,0
48	ok	s=11,m=11	0.27	2.345e+04			2	160.0	21.1	0.24	0.99	0.0	1,0
49	ok	s=7,m=11	0.01	-1315.3	0.01	-1315.3	3	204.0	18.1	0.21	1.00	0.0	21,21
50	ok	s=7,m=11	0.01	-1483.5	0.01	-1483.5	3	204.0	18.1	0.21	1.00	0.0	33,33
51	ok	s=18,m=11	0.24	2.594e+04			2	221.9	23.4	0.27	0.98	0.0	1,0
52	ok	s=18,m=11	0.24	2.598e+04			2	221.9	23.4	0.27	0.98	0.0	1,0
53	ok	s=7,m=11	9.58e-03	-1256.4	9.59e-03	-1256.4	3	204.0	18.1	0.21	1.00	0.0	14,14
54	ok	s=7,m=11	0.01	-1501.0	0.01	-1501.0	3	204.0	18.1	0.21	1.00	0.0	38,38
55	ok	s=11,m=11	0.06	-5277.8	0.06	-5277.8	2	204.0	26.9	0.31	0.98	0.0	1,1
56	ok	s=11,m=11	0.05	4472.6	2.06e-03	-177.1	2	204.0	26.9	0.31	0.98	0.0	1,19
57	ok	s=11,m=11	0.06	-5400.9	0.06	-5400.9	2	204.0	26.9	0.31	0.98	0.0	1,1
58	ok	s=11,m=11	0.05	4829.3			2	204.0	26.9	0.31	0.98	0.0	1,0
59	ok	s=8,m=11	0.19	-2.081e+04	0.19	-2.081e+04	2	268.1	28.3	0.33	0.97	0.0	1,1
60	ok	s=8,m=11	0.19	-2.102e+04	0.20	-2.102e+04	2	268.1	28.3	0.33	0.97	0.0	1,1
61	ok	s=8,m=11	0.19	-2.097e+04	0.20	-2.097e+04	2	268.1	28.3	0.33	0.97	0.0	1,1
62	ok	s=8,m=11	0.19	-2.092e+04	0.20	-2.092e+04	2	268.1	28.3	0.33	0.97	0.0	1,1
63	ok	s=18,m=11	0.25	2.802e+04			2	195.0	20.6	0.24	0.99	0.0	1,0
64	ok	s=18,m=11	0.25	2.800e+04			2	195.0	20.6	0.24	0.99	0.0	1,0
65	ok	s=18,m=11	0.45	4.975e+04			2	195.0	20.6	0.24	0.99	0.0	1,0
66	ok	s=18,m=11	0.45	4.976e+04			2	195.0	20.6	0.24	0.99	0.0	1,0
67	ok	s=18,m=11	0.59	6.537e+04			2	195.0	20.6	0.24	0.99	0.0	1,0
68	ok	s=18,m=11	0.59	6.560e+04			2	195.0	20.6	0.24	0.99	0.0	1,0
69	ok	s=18,m=11	0.68	7.486e+04			2	195.0	20.6	0.24	0.99	0.0	1,0
70	ok	s=18,m=11	0.69	7.629e+04			2	195.0	20.6	0.24	0.99	0.0	1,0
71	ok	s=12,m=11	0.15	-1.326e+04	0.16	-1.326e+04	2	265.8	35.1	0.40	0.95	0.0	1,1
72	ok	s=12,m=11	0.15	-1.349e+04	0.16	-1.349e+04	2	265.8	35.1	0.40	0.95	0.0	1,1
73	ok	s=12,m=11	0.15	-1.339e+04	0.16	-1.339e+04	2	265.8	35.1	0.40	0.95	0.0	1,1
74	ok	s=12,m=11	0.15	-1.332e+04	0.16	-1.332e+04	2	265.8	35.1	0.40	0.95	0.0	1,1
75	ok	s=18,m=11	0.68	7.492e+04			2	195.0	20.6	0.24	0.99	0.0	1,0
76	ok	s=18,m=11	0.68	7.462e+04			2	195.0	20.6	0.24	0.99	0.0	1,0
77	ok	s=18,m=11	0.59	6.459e+04			2	195.0	20.6	0.24	0.99	0.0	1,0
78	ok	s=18,m=11	0.59	6.452e+04			2	195.0	20.6	0.24	0.99	0.0	1,0
79	ok	s=18,m=11	0.44	4.864e+04			2	195.0	20.6	0.24	0.99	0.0	1,0
80	ok	s=18,m=11	0.44	4.863e+04			2	195.0	20.6	0.24	0.99	0.0	1,0
81	ok	s=18,m=11	0.25	2.709e+04			2	195.0	20.6	0.24	0.99	0.0	1,0
82	ok	s=18,m=11	0.25	2.710e+04			2	195.0	20.6	0.24	0.99	0.0	1,0
83	ok	s=20,m=11	0.06	3333.0	0.02	-835.9	1	303.4	63.7	0.73	0.83	0.0	17,16
84	ok	s=18,m=11	0.43	4.740e+04			2	221.9	23.4	0.27	0.98	0.0	1,0
85	ok	s=18,m=11	0.43	4.748e+04			2	221.9	23.4	0.27	0.98	0.0	1,0
86	ok	s=20,m=11	0.06	3263.9	0.01	-654.9	1	303.4	63.7	0.73	0.83	0.0	10,7
87	ok	s=8,m=11	0.36	-3.994e+04	0.38	-3.994e+04	2	351.0	37.0	0.43	0.95	0.0	1,1
88	ok	s=8,m=11	0.45	-4.997e+04	0.48	-4.997e+04	2	351.0	37.0	0.43	0.95	0.0	1,1
89	ok	s=8,m=11	0.36	-3.991e+04	0.38	-3.991e+04	2	351.0	37.0	0.43	0.95	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
90	ok	s=8,m=11	0.44	-4.883e+04	0.47	-4.883e+04	2	351.0	37.0	0.43	0.95	0.0	1,1
91	ok	s=12,m=11	0.57	-5.063e+04	0.63	-5.063e+04	2	345.8	45.7	0.53	0.92	0.0	1,1
92	ok	s=12,m=11	0.54	-4.790e+04	0.59	-4.790e+04	2	345.8	45.7	0.53	0.92	0.0	1,1
93	ok	s=12,m=11	0.56	-4.926e+04	0.61	-4.926e+04	2	345.8	45.7	0.53	0.92	0.0	1,1
94	ok	s=12,m=11	0.57	-5.016e+04	0.62	-5.016e+04	2	345.8	45.7	0.53	0.92	0.0	1,1
95	ok	s=19,m=11	0.03	-2054.6	0.03	-2054.6	1	188.7	28.3	0.33	0.97	0.0	17,17
96	ok	s=19,m=11	0.03	-2012.1	0.03	-2012.1	1	188.7	28.3	0.33	0.97	0.0	10,10
97	ok	s=20,m=11	0.19	1.035e+04			1	239.6	50.3	0.58	0.90	0.0	1,0
98	ok	s=20,m=11	0.19	1.032e+04			1	239.6	50.3	0.58	0.90	0.0	1,0
99	ok	s=19,m=11	0.07	-5291.9	0.07	-5291.9	1	125.0	18.7	0.22	1.00	0.0	1,1
100	ok	s=19,m=11	0.07	-5275.6	0.07	-5275.6	1	125.0	18.7	0.22	1.00	0.0	1,1
101	ok	s=20,m=11	0.14	7929.9			1	239.8	50.3	0.58	0.90	0.0	1,0
102	ok	s=20,m=11	0.14	7902.6			1	239.8	50.3	0.58	0.90	0.0	1,0
103	ok	s=7,m=11	0.19	2.436e+04			3	160.0	14.2	0.16	1.00	0.0	1,0
104	ok	s=7,m=11	0.19	2.443e+04			3	160.0	14.2	0.16	1.00	0.0	1,0
105	ok	s=19,m=11	0.05	-4012.5	0.05	-4012.5	1	125.4	18.8	0.22	1.00	0.0	1,1
106	ok	s=19,m=11	0.05	-3998.2	0.05	-3998.2	1	125.4	18.8	0.22	1.00	0.0	1,1
107	ok	s=20,m=11	0.10	5390.2			1	240.0	50.4	0.58	0.90	0.0	1,0
108	ok	s=20,m=11	0.10	5362.4			1	240.0	50.4	0.58	0.90	0.0	1,0
109	ok	s=11,m=11	0.18	1.605e+04			2	160.0	21.1	0.24	0.99	0.0	1,0
110	ok	s=11,m=11	0.18	1.601e+04			2	160.0	21.1	0.24	0.99	0.0	1,0
111	ok	s=19,m=11	0.03	-2694.4	0.03	-2694.4	1	125.8	18.8	0.22	1.00	0.0	1,1
112	ok	s=19,m=11	0.03	-2679.9	0.03	-2679.9	1	125.8	18.8	0.22	1.00	0.0	1,1
113	ok	s=18,m=11	0.36	3.995e+04			2	229.1	24.2	0.28	0.98	0.0	1,0
114	ok	s=18,m=11	0.36	3.965e+04			2	229.1	24.2	0.28	0.98	0.0	1,0
115	ok	s=20,m=11	0.05	2790.1			1	240.2	50.4	0.58	0.90	0.0	1,0
116	ok	s=20,m=11	0.05	2694.9			1	240.2	50.4	0.58	0.90	0.0	1,0
117	ok	s=19,m=11	0.02	-1338.7	0.02	-1338.7	1	126.2	18.9	0.22	1.00	0.0	1,1
118	ok	s=19,m=11	0.02	-1288.8	0.02	-1288.8	1	126.2	18.9	0.22	1.00	0.0	1,1
119	ok	s=20,m=11	5.47e-03	303.3	2.04e-03	-101.5	1	240.4	50.5	0.58	0.90	0.0	7,10
120	ok	s=20,m=11	4.39e-03	243.4	3.02e-03	-150.2	1	240.4	50.5	0.58	0.90	0.0	16,17
121	ok	s=19,m=11	0.02	-1267.5	0.02	-1267.5	1	126.6	19.0	0.22	1.00	0.0	1,1
122	ok	s=19,m=11	0.02	-1222.5	0.02	-1222.5	1	126.6	19.0	0.22	1.00	0.0	1,1
123	ok	s=20,m=11	0.04	2394.1			1	224.3	47.1	0.54	0.91	0.0	1,0
124	ok	s=20,m=11	0.04	2441.6			1	224.3	47.1	0.54	0.91	0.0	1,0
125	ok	s=19,m=11	0.03	-2651.6	0.03	-2651.6	1	127.0	19.0	0.22	1.00	0.0	1,1
126	ok	s=19,m=11	0.03	-2660.9	0.03	-2660.9	1	127.0	19.0	0.22	1.00	0.0	1,1
127	ok	s=20,m=11	0.09	4893.4			1	224.5	47.1	0.54	0.91	0.0	1,0
128	ok	s=20,m=11	0.09	4909.7			1	224.5	47.1	0.54	0.91	0.0	1,0
129	ok	s=19,m=11	0.05	-4077.1	0.05	-4077.1	1	127.4	19.1	0.22	1.00	0.0	1,1
130	ok	s=19,m=11	0.05	-4098.0	0.05	-4098.0	1	127.4	19.1	0.22	1.00	0.0	1,1
131	ok	s=20,m=11	0.13	7392.0			1	224.8	47.2	0.54	0.91	0.0	1,0
132	ok	s=20,m=11	0.13	7428.9			1	224.8	47.2	0.54	0.91	0.0	1,0
133	ok	s=19,m=11	0.07	-5551.5	0.07	-5551.5	1	127.8	19.1	0.22	1.00	0.0	1,1
134	ok	s=19,m=11	0.07	-5575.2	0.07	-5575.2	1	127.8	19.1	0.22	1.00	0.0	1,1
135	ok	s=20,m=11	0.18	9966.2			1	225.0	47.2	0.54	0.91	0.0	1,0
136	ok	s=20,m=11	0.18	1.001e+04			1	225.0	47.2	0.54	0.91	0.0	1,0
137	ok	s=19,m=11	0.09	-7066.0	0.09	-7066.0	1	128.2	19.2	0.22	1.00	0.0	1,1
138	ok	s=19,m=11	0.09	-7091.3	0.09	-7091.3	1	128.2	19.2	0.22	1.00	0.0	1,1
139	ok	s=20,m=11	0.23	1.255e+04			1	225.2	47.3	0.54	0.91	0.0	1,0
140	ok	s=20,m=11	0.23	1.260e+04			1	225.2	47.3	0.54	0.91	0.0	1,0
141	ok	s=20,m=11	0.05	2875.0	0.03	-1311.3	1	303.4	63.7	0.73	0.83	0.0	17,16
142	ok	s=18,m=11	0.58	6.408e+04			2	221.9	23.4	0.27	0.98	0.0	1,0
143	ok	s=18,m=11	0.58	6.416e+04			2	221.9	23.4	0.27	0.98	0.0	1,0
144	ok	s=20,m=11	0.05	2803.5	0.02	-1135.5	1	303.4	63.7	0.73	0.83	0.0	10,7
145	ok	s=20,m=11	0.57	3.136e+04			1	282.7	59.3	0.68	0.86	0.0	1,0
146	ok	s=20,m=11	0.56	3.130e+04			1	282.7	59.3	0.68	0.86	0.0	1,0
147	ok	s=7,m=11	0.03	-3888.9	0.03	-3888.9	3	204.0	18.1	0.21	1.00	0.0	1,1
148	ok	s=7,m=11	0.05	7108.1	9.23e-03	-1208.0	3	204.0	18.1	0.21	1.00	0.0	33,32
149	ok	s=7,m=11	0.03	-3906.9	0.03	-3906.9	3	204.0	18.1	0.21	1.00	0.0	1,1
150	ok	s=7,m=11	0.05	6992.3	9.94e-03	-1301.1	3	204.0	18.1	0.21	1.00	0.0	38,35
151	ok	s=20,m=11	0.11	5857.9			1	299.3	62.8	0.72	0.84	0.0	19,0
152	ok	s=20,m=11	0.10	5337.6			1	299.3	62.8	0.72	0.84	0.0	1,0
153	ok	s=18,m=11	0.65	7.152e+04			2	229.1	24.2	0.28	0.98	0.0	1,0
154	ok	s=18,m=11	0.64	7.108e+04			2	229.1	24.2	0.28	0.98	0.0	1,0
155	ok	s=11,m=11	0.14	1.234e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
156	ok	s=11,m=11	0.06	-5169.8	0.06	-5169.8	2	204.0	26.9	0.31	0.98	0.0	1,1
157	ok	s=11,m=11	0.13	1.183e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
158	ok	s=11,m=11	0.05	-4159.1	0.05	-4159.1	2	204.0	26.9	0.31	0.98	0.0	1,1
159	ok	s=19,m=11	0.03	-2448.9	0.03	-2448.9	1	131.2	19.7	0.23	0.99	0.0	19,19
160	ok	s=12,m=11	0.14	-1.198e+04	0.14	-1.198e+04	2	264.2	34.9	0.40	0.95	0.0	1,1
161	ok	s=12,m=11	0.13	-1.135e+04	0.14	-1.135e+04	2	264.2	34.9	0.40	0.95	0.0	1,1
162	ok	s=12,m=11	0.13	-1.135e+04	0.14	-1.135e+04	2	264.2	34.9	0.40	0.95	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
163	ok	s=12,m=11	0.13	-1.180e+04	0.14	-1.180e+04	2	264.2	34.9	0.40	0.95	0.0	1,1
164	ok	s=19,m=11	0.03	-2202.0	0.03	-2202.0	1	131.2	19.7	0.23	0.99	0.0	12,12
165	ok	s=7,m=11	0.48	-6.282e+04	0.48	-6.282e+04	3	80.0	7.1	0.08	1.00	0.0	1,1
166	ok	s=19,m=11	0.02	-1739.1	0.02	-1739.1	1	188.7	28.3	0.33	0.97	0.0	17,17
167	ok	s=19,m=11	0.02	-1695.0	0.02	-1695.0	1	188.7	28.3	0.33	0.97	0.0	10,10
168	ok	s=7,m=11	0.47	-6.124e+04	0.47	-6.124e+04	3	80.0	7.1	0.08	1.00	0.0	1,1
169	ok	s=8,m=11	0.16	-1.806e+04	0.17	-1.806e+04	2	265.8	28.1	0.32	0.97	0.0	1,1
170	ok	s=8,m=11	0.16	-1.817e+04	0.17	-1.817e+04	2	265.8	28.1	0.32	0.97	0.0	1,1
171	ok	s=8,m=11	0.17	-1.829e+04	0.17	-1.829e+04	2	265.8	28.1	0.32	0.97	0.0	1,1
172	ok	s=8,m=11	0.16	-1.805e+04	0.17	-1.805e+04	2	265.8	28.1	0.32	0.97	0.0	1,1
173	ok	s=17,m=11	0.32	-5.308e+04	0.32	-5.308e+04	4	195.0	13.8	0.16	1.00	0.0	1,1
174	ok	s=17,m=11	0.31	-5.075e+04	0.31	-5.075e+04	4	195.0	13.8	0.16	1.00	0.0	1,1
175	ok	s=19,m=11	0.38	-2.917e+04	0.40	-2.917e+04	1	262.0	39.3	0.45	0.94	0.0	1,1
176	ok	s=19,m=11	0.37	-2.911e+04	0.40	-2.911e+04	1	262.0	39.3	0.45	0.94	0.0	1,1
177	ok	s=17,m=11	0.11	-1.762e+04	0.11	-1.762e+04	4	195.0	13.8	0.16	1.00	0.0	1,1
178	ok	s=17,m=11	0.09	-1.470e+04	0.09	-1.470e+04	4	195.0	13.8	0.16	1.00	0.0	1,1
179	ok	s=17,m=11	0.04	7049.1	9.38e-03	-1544.6	4	195.0	13.8	0.16	1.00	0.0	1,37
180	ok	s=17,m=11	0.06	9881.1	1.61e-03	-265.1	4	195.0	13.8	0.16	1.00	0.0	1,34
181	ok	s=17,m=11	0.13	2.123e+04			4	195.0	13.8	0.16	1.00	0.0	1,0
182	ok	s=17,m=11	0.08	1.395e+04			4	195.0	13.8	0.16	1.00	0.0	1,0
183	ok	s=20,m=11	0.48	2.645e+04			1	263.3	55.3	0.64	0.88	0.0	1,0
184	ok	s=20,m=11	0.48	2.646e+04			1	263.3	55.3	0.64	0.88	0.0	1,0
185	ok	s=19,m=11	0.24	-1.879e+04	0.25	-1.879e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
186	ok	s=19,m=11	0.24	-1.880e+04	0.25	-1.880e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
187	ok	s=20,m=11	0.37	2.064e+04			1	263.3	55.3	0.64	0.88	0.0	1,0
188	ok	s=20,m=11	0.37	2.070e+04			1	263.3	55.3	0.64	0.88	0.0	1,0
189	ok	s=17,m=11	0.16	2.595e+04			4	195.0	13.8	0.16	1.00	0.0	1,0
190	ok	s=17,m=11	0.08	1.239e+04	5.68e-03	-936.1	4	195.0	13.8	0.16	1.00	0.0	1,34
191	ok	s=19,m=11	0.19	-1.459e+04	0.19	-1.459e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
192	ok	s=19,m=11	0.19	-1.463e+04	0.19	-1.463e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
193	ok	s=20,m=11	0.27	1.517e+04			1	263.3	55.3	0.64	0.88	0.0	1,0
194	ok	s=20,m=11	0.28	1.551e+04			1	263.3	55.3	0.64	0.88	0.0	1,0
195	ok	s=19,m=11	0.14	-1.068e+04	0.14	-1.068e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
196	ok	s=19,m=11	0.14	-1.092e+04	0.14	-1.092e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
197	ok	s=17,m=11	0.13	2.084e+04			4	195.0	13.8	0.16	1.00	0.0	1,0
198	ok	s=17,m=11	0.12	2.013e+04			4	195.0	13.8	0.16	1.00	0.0	1,0
199	ok	s=20,m=11	0.18	9744.9			1	263.3	55.3	0.64	0.88	0.0	1,0
200	ok	s=20,m=11	0.21	1.147e+04			1	263.3	55.3	0.64	0.88	0.0	1,0
201	ok	s=18,m=11	0.85	9.408e+04			2	229.1	24.2	0.28	0.98	0.0	1,0
202	ok	s=18,m=11	0.85	9.357e+04			2	229.1	24.2	0.28	0.98	0.0	1,0
203	ok	s=20,m=11	0.09	4798.7	0.02	-772.2	1	300.2	63.0	0.73	0.84	0.0	19,22
204	ok	s=20,m=11	0.08	4289.5	8.19e-03	-379.0	1	300.2	63.0	0.73	0.84	0.0	12,13
205	ok	s=19,m=11	0.09	-6793.4	0.09	-6793.4	1	188.7	28.3	0.33	0.97	0.0	1,1
206	ok	s=19,m=11	0.10	-8031.3	0.11	-8031.3	1	188.7	28.3	0.33	0.97	0.0	1,1
207	ok	s=20,m=11	0.08	4217.3			1	263.3	55.3	0.64	0.88	0.0	1,0
208	ok	s=20,m=11	0.06	3283.5			1	263.3	55.3	0.64	0.88	0.0	1,0
209	ok	s=17,m=11	0.10	1.676e+04	5.18e-03	-853.1	4	195.0	13.8	0.16	1.00	0.0	1,13
210	ok	s=19,m=11	0.05	-3840.6	0.05	-3840.6	1	188.7	28.3	0.33	0.97	0.0	1,1
211	ok	s=19,m=11	0.05	-4030.2	0.05	-4030.2	1	188.7	28.3	0.33	0.97	0.0	1,1
212	ok	s=17,m=11	0.13	2.110e+04			4	195.0	13.8	0.16	1.00	0.0	1,0
213	ok	s=20,m=11	0.03	1554.2	1.63e-03	-77.5	1	279.2	58.6	0.67	0.86	0.0	1,34
214	ok	s=20,m=11	0.05	2824.3			1	279.2	58.6	0.67	0.86	0.0	1,0
215	ok	s=19,m=11	0.07	-5711.2	0.08	-5711.2	1	188.7	28.3	0.33	0.97	0.0	1,1
216	ok	s=19,m=11	0.07	-5479.2	0.07	-5479.2	1	188.7	28.3	0.33	0.97	0.0	1,1
217	ok	s=20,m=11	0.16	8704.9			1	279.2	58.6	0.67	0.86	0.0	1,0
218	ok	s=20,m=11	0.15	8361.7			1	279.2	58.6	0.67	0.86	0.0	1,0
219	ok	s=17,m=11	0.07	1.161e+04	0.02	-3630.7	4	195.0	13.8	0.16	1.00	0.0	12,13
220	ok	s=17,m=11	0.08	1.262e+04	0.02	-3606.2	4	195.0	13.8	0.16	1.00	0.0	19,22
221	ok	s=19,m=11	0.12	-9060.5	0.12	-9060.5	1	188.7	28.3	0.33	0.97	0.0	1,1
222	ok	s=19,m=11	0.12	-8967.3	0.12	-8967.3	1	188.7	28.3	0.33	0.97	0.0	1,1
223	ok	s=20,m=11	0.25	1.365e+04			1	279.2	58.6	0.67	0.86	0.0	1,0
224	ok	s=20,m=11	0.24	1.351e+04			1	279.2	58.6	0.67	0.86	0.0	1,0
225	ok	s=19,m=11	0.16	-1.233e+04	0.16	-1.233e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
226	ok	s=19,m=11	0.16	-1.228e+04	0.16	-1.228e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
227	ok	s=17,m=11	0.07	-1.213e+04	0.07	-1.213e+04	4	195.0	13.8	0.16	1.00	0.0	13,13
228	ok	s=17,m=11	0.08	-1.248e+04	0.08	-1.248e+04	4	195.0	13.8	0.16	1.00	0.0	22,22
229	ok	s=20,m=11	0.33	1.849e+04			1	279.2	58.6	0.67	0.86	0.0	1,0
230	ok	s=20,m=11	0.33	1.840e+04			1	279.2	58.6	0.67	0.86	0.0	1,0
231	ok	s=19,m=11	0.20	-1.558e+04	0.21	-1.558e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
232	ok	s=19,m=11	0.20	-1.555e+04	0.21	-1.555e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
233	ok	s=20,m=11	0.42	2.322e+04			1	279.2	58.6	0.67	0.86	0.0	1,0
234	ok	s=20,m=11	0.42	2.317e+04			1	279.2	58.6	0.67	0.86	0.0	1,0
235	ok	s=17,m=11	0.23	-3.733e+04	0.23	-3.733e+04	4	195.0	13.8	0.16	1.00	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
236	ok	s=17,m=11	0.23	-3.757e+04	0.23	-3.757e+04	4	195.0	13.8	0.16	1.00	0.0	1,1
237	ok	s=11,m=11	0.64	-5.606e+04	0.64	-5.606e+04	2	80.0	10.6	0.12	1.00	0.0	1,1
238	ok	s=11,m=11	0.64	-5.673e+04	0.64	-5.673e+04	2	80.0	10.6	0.12	1.00	0.0	1,1
239	ok	s=17,m=11	0.36	-5.895e+04	0.36	-5.895e+04	4	221.9	15.7	0.18	1.00	0.0	1,1
240	ok	s=20,m=11	0.04	2176.7	0.05	-2138.3	1	303.4	63.7	0.73	0.83	0.0	17,16
241	ok	s=18,m=11	0.67	7.348e+04			2	221.9	23.4	0.27	0.98	0.0	1,0
242	ok	s=18,m=11	0.67	7.356e+04			2	221.9	23.4	0.27	0.98	0.0	1,0
243	ok	s=20,m=11	0.04	2103.0	0.04	-1965.2	1	303.4	63.7	0.73	0.83	0.0	10,7
244	ok	s=17,m=11	0.35	-5.775e+04	0.35	-5.775e+04	4	221.9	15.7	0.18	1.00	0.0	1,1
245	ok	s=20,m=11	0.47	2.629e+04			1	280.2	58.8	0.68	0.86	0.0	1,0
246	ok	s=20,m=11	0.47	2.621e+04			1	280.2	58.8	0.68	0.86	0.0	1,0
247	ok	s=19,m=11	0.03	-2003.2	0.03	-2003.2	1	133.8	20.1	0.23	0.99	0.0	19,19
248	ok	s=19,m=11	0.02	-1780.1	0.02	-1780.1	1	133.8	20.1	0.23	0.99	0.0	12,12
249	ok	s=8,m=11	0.34	-3.699e+04	0.35	-3.699e+04	2	345.8	36.5	0.42	0.95	0.0	1,1
250	ok	s=8,m=11	0.51	-5.607e+04	0.54	-5.607e+04	2	345.8	36.5	0.42	0.95	0.0	1,1
251	ok	s=8,m=11	0.33	-3.691e+04	0.35	-3.691e+04	2	345.8	36.5	0.42	0.95	0.0	1,1
252	ok	s=8,m=11	0.50	-5.476e+04	0.52	-5.476e+04	2	345.8	36.5	0.42	0.95	0.0	1,1
253	ok	s=20,m=11	0.67	3.735e+04			1	239.4	50.2	0.58	0.90	0.0	1,0
254	ok	s=20,m=11	0.67	3.717e+04			1	239.4	50.2	0.58	0.90	0.0	1,0
255	ok	s=17,m=11	0.41	-6.702e+04	0.41	-6.702e+04	4	229.5	16.2	0.19	1.00	0.0	1,1
256	ok	s=17,m=11	0.41	-6.766e+04	0.41	-6.766e+04	4	229.5	16.2	0.19	1.00	0.0	1,1
257	ok	s=18,m=11	0.97	1.070e+05			2	229.1	24.2	0.28	0.98	0.0	1,0
258	ok	s=18,m=11	0.97	1.065e+05			2	229.1	24.2	0.28	0.98	0.0	1,0
259	ok	s=12,m=11	0.72	-6.386e+04	0.79	-6.386e+04	2	339.3	44.8	0.52	0.92	0.0	1,1
260	ok	s=12,m=11	0.47	-4.183e+04	0.52	-4.183e+04	2	339.3	44.8	0.52	0.92	0.0	1,1
261	ok	s=12,m=11	0.71	-6.265e+04	0.77	-6.265e+04	2	339.3	44.8	0.52	0.92	0.0	1,1
262	ok	s=12,m=11	0.51	-4.492e+04	0.55	-4.492e+04	2	339.3	44.8	0.52	0.92	0.0	1,1
263	ok	s=11,m=11	0.15	1.336e+04			2	160.0	21.1	0.24	0.99	0.0	1,0
264	ok	s=11,m=11	0.15	1.322e+04			2	160.0	21.1	0.24	0.99	0.0	1,0
265	ok	s=20,m=11	0.06	3439.8	0.04	-1880.1	1	301.1	63.2	0.73	0.83	0.0	19,22
266	ok	s=20,m=11	0.05	2987.9	0.03	-1528.8	1	301.1	63.2	0.73	0.83	0.0	12,13
267	ok	s=7,m=11	0.16	2.079e+04			3	160.0	14.2	0.16	1.00	0.0	1,0
268	ok	s=7,m=11	0.16	2.092e+04			3	160.0	14.2	0.16	1.00	0.0	1,0
269	ok	s=19,m=11	0.38	-2.922e+04	0.39	-2.922e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
270	ok	s=19,m=11	0.37	-2.908e+04	0.39	-2.908e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
271	ok	s=19,m=11	0.31	-2.431e+04	0.33	-2.431e+04	1	258.8	38.8	0.45	0.94	0.0	1,1
272	ok	s=19,m=11	0.31	-2.424e+04	0.33	-2.424e+04	1	258.8	38.8	0.45	0.94	0.0	1,1
273	ok	s=19,m=11	0.02	1383.1	0.02	-1293.7	1	188.7	28.3	0.33	0.97	0.0	16,17
274	ok	s=19,m=11	0.02	1276.4	0.02	-1248.3	1	188.7	28.3	0.33	0.97	0.0	7,10
275	ok	s=8,m=11	0.17	1.890e+04	0.10	-1.091e+04	2	231.8	24.5	0.28	0.98	0.0	12,13
276	ok	s=8,m=11	0.14	1.527e+04	0.13	-1.379e+04	2	231.8	24.5	0.28	0.98	0.0	14,11
277	ok	s=8,m=11	0.17	1.899e+04	0.11	-1.167e+04	2	231.8	24.5	0.28	0.98	0.0	19,22
278	ok	s=8,m=11	0.15	1.602e+04	0.13	-1.396e+04	2	231.8	24.5	0.28	0.98	0.0	21,20
279	ok	s=20,m=11	0.55	-3.023e+04	0.66	-3.023e+04	1	305.8	64.2	0.74	0.83	0.0	1,1
280	ok	s=20,m=11	0.55	-3.074e+04	0.67	-3.074e+04	1	305.8	64.2	0.74	0.83	0.0	1,1
281	ok	s=20,m=11	0.64	3.542e+04			1	277.7	58.3	0.67	0.86	0.0	1,0
282	ok	s=20,m=11	0.65	3.590e+04			1	277.7	58.3	0.67	0.86	0.0	1,0
283	ok	s=19,m=11	0.10	-7742.9	0.10	-7742.9	1	217.3	32.6	0.38	0.96	0.0	1,1
284	ok	s=19,m=11	0.10	-7867.4	0.11	-7867.4	1	217.3	32.6	0.38	0.96	0.0	1,1
285	ok	s=20,m=11	0.48	-2.669e+04	0.58	-2.669e+04	1	305.6	64.1	0.74	0.83	0.0	1,1
286	ok	s=20,m=11	0.49	-2.704e+04	0.59	-2.704e+04	1	305.6	64.1	0.74	0.83	0.0	1,1
287	ok	s=20,m=11	0.44	2.465e+04			1	277.5	58.2	0.67	0.86	0.0	1,0
288	ok	s=20,m=11	0.45	2.482e+04			1	277.5	58.2	0.67	0.86	0.0	1,0
289	ok	s=19,m=11	0.02	-1432.4	0.02	-1432.4	1	136.6	20.5	0.24	0.99	0.0	19,19
290	ok	s=19,m=11	0.02	-1230.9	0.02	-1230.9	1	136.6	20.5	0.24	0.99	0.0	12,12
291	ok	s=19,m=11	0.07	-5209.7	0.07	-5209.7	1	217.0	32.5	0.37	0.96	0.0	1,1
292	ok	s=19,m=11	0.07	-5579.9	0.07	-5579.9	1	217.0	32.5	0.37	0.96	0.0	1,1
293	ok	s=20,m=11	0.33	-1.835e+04	0.40	-1.835e+04	1	305.5	64.1	0.74	0.83	0.0	1,1
294	ok	s=20,m=11	0.32	-1.801e+04	0.39	-1.801e+04	1	305.5	64.1	0.74	0.83	0.0	1,1
295	ok	s=20,m=11	0.26	1.444e+04			1	277.3	58.2	0.67	0.86	0.0	1,0
296	ok	s=20,m=11	0.20	1.133e+04			1	277.3	58.2	0.67	0.86	0.0	1,0
297	ok	s=19,m=11	0.04	-3238.2	0.04	-3238.2	1	216.8	32.5	0.37	0.96	0.0	1,1
298	ok	s=19,m=11	0.12	-9670.2	0.13	-9670.2	1	216.8	32.5	0.37	0.96	0.0	1,1
299	ok	s=20,m=11	0.54	3.019e+04			1	239.4	50.2	0.58	0.90	0.0	1,0
300	ok	s=20,m=11	0.54	3.013e+04			1	239.4	50.2	0.58	0.90	0.0	1,0
301	ok	s=20,m=11	0.18	-9842.2	0.21	-9842.2	1	305.3	64.1	0.74	0.83	0.0	1,1
302	ok	s=20,m=11	0.05	2681.6			1	305.3	64.1	0.74	0.83	0.0	1,0
303	ok	s=20,m=11	0.09	4891.9			1	277.1	58.1	0.67	0.86	0.0	1,0
304	ok	s=20,m=11	0.14	-7502.4	0.16	-7502.4	1	277.1	58.1	0.67	0.86	0.0	1,1
305	ok	s=19,m=11	0.02	-1356.1	0.02	-1356.1	1	216.6	32.4	0.37	0.96	0.0	20,20
306	ok	s=19,m=11	0.14	1.111e+04			1	216.6	32.4	0.37	0.96	0.0	1,0
307	ok	s=20,m=11	0.04	-2179.6	0.05	-2179.6	1	305.1	64.0	0.74	0.83	0.0	1,1
308	ok	s=20,m=11	0.11	-5826.8	0.13	-5826.8	1	305.1	64.0	0.74	0.83	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
309	ok	s=20,m=11	0.05	-2931.7	0.06	-2931.7	1	276.9	58.1	0.67	0.86	0.0	1,1
310	ok	s=20,m=11	0.12	6600.6			1	276.9	58.1	0.67	0.86	0.0	1,0
311	ok	s=19,m=11	0.01	914.6	0.01	-835.4	1	216.3	32.4	0.37	0.96	0.0	13,12
312	ok	s=19,m=11	0.01	-1075.6	0.01	-1075.6	1	216.3	32.4	0.37	0.96	0.0	31,31
313	ok	s=20,m=11	0.09	4774.4			1	304.9	64.0	0.74	0.83	0.0	1,0
314	ok	s=20,m=11	0.09	-4833.3	0.11	-4833.3	1	304.9	64.0	0.74	0.83	0.0	1,1
315	ok	s=20,m=11	0.14	-7682.4	0.16	-7682.4	1	276.7	58.1	0.67	0.86	0.0	1,1
316	ok	s=20,m=11	0.03	1876.2	0.03	-1533.7	1	276.7	58.1	0.67	0.86	0.0	19,22
317	ok	s=19,m=11	0.08	6282.5			1	216.1	32.4	0.37	0.96	0.0	1,0
318	ok	s=19,m=11	0.01	-1092.7	0.01	-1092.7	1	216.1	32.4	0.37	0.96	0.0	35,35
319	ok	s=20,m=11	0.02	1155.8			1	304.8	64.0	0.74	0.83	0.0	1,0
320	ok	s=20,m=11	0.04	2323.1	5.83e-03	-268.3	1	304.8	64.0	0.74	0.83	0.0	1,20
321	ok	s=20,m=11	0.08	-4235.1	0.09	-4235.1	1	276.5	58.0	0.67	0.86	0.0	1,1
322	ok	s=20,m=11	0.14	-7952.0	0.17	-7952.0	1	276.5	58.0	0.67	0.86	0.0	1,1
323	ok	s=18,m=11	0.94	1.038e+05			2	229.1	24.2	0.28	0.98	0.0	1,0
324	ok	s=18,m=11	0.93	1.031e+05			2	229.1	24.2	0.28	0.98	0.0	1,0
325	ok	s=19,m=11	0.04	-2833.3	0.04	-2833.3	1	215.8	32.3	0.37	0.96	0.0	1,1
326	ok	s=19,m=11	0.01	-960.2	0.01	-960.2	1	215.8	32.3	0.37	0.96	0.0	19,19
327	ok	s=20,m=11	0.18	1.022e+04			1	304.6	63.9	0.74	0.83	0.0	1,0
328	ok	s=20,m=11	0.20	1.136e+04			1	304.6	63.9	0.74	0.83	0.0	1,0
329	ok	s=20,m=11	0.30	-1.675e+04	0.35	-1.675e+04	1	276.3	58.0	0.67	0.86	0.0	1,1
330	ok	s=20,m=11	0.32	-1.748e+04	0.37	-1.748e+04	1	276.3	58.0	0.67	0.86	0.0	1,1
331	ok	s=19,m=11	0.01	-864.0	0.01	-864.0	1	215.6	32.3	0.37	0.96	0.0	12,12
332	ok	s=19,m=11	0.01	-850.3	0.01	-850.3	1	215.6	32.3	0.37	0.96	0.0	19,19
333	ok	s=20,m=11	0.38	2.104e+04			1	304.4	63.9	0.74	0.83	0.0	1,0
334	ok	s=20,m=11	0.39	2.149e+04			1	304.4	63.9	0.74	0.83	0.0	1,0
335	ok	s=20,m=11	0.48	-2.652e+04	0.55	-2.652e+04	1	276.1	57.9	0.67	0.86	0.0	1,1
336	ok	s=17,m=11	0.16	-2.675e+04	0.16	-2.675e+04	4	229.5	16.2	0.19	1.00	0.0	1,1
337	ok	s=17,m=11	0.16	-2.602e+04	0.16	-2.602e+04	4	229.5	16.2	0.19	1.00	0.0	1,1
338	ok	s=20,m=11	0.49	-2.711e+04	0.57	-2.711e+04	1	276.1	57.9	0.67	0.86	0.0	1,1
339	ok	s=19,m=11	0.01	-938.6	0.01	-938.6	1	215.3	32.3	0.37	0.96	0.0	11,11
340	ok	s=19,m=11	0.01	1026.4	0.01	-884.1	1	215.3	32.3	0.37	0.96	0.0	17,16
341	ok	s=20,m=11	0.56	3.093e+04			1	304.2	63.8	0.74	0.83	0.0	1,0
342	ok	s=20,m=11	0.56	3.108e+04			1	304.2	63.8	0.74	0.83	0.0	1,0
343	ok	s=20,m=11	0.63	-3.481e+04	0.73	-3.481e+04	1	276.0	57.9	0.67	0.86	0.0	1,1
344	ok	s=20,m=11	0.63	-3.512e+04	0.73	-3.512e+04	1	276.0	57.9	0.67	0.86	0.0	1,1
345	ok	s=12,m=11	0.19	-1.702e+04	0.20	-1.702e+04	2	229.5	30.3	0.35	0.97	0.0	12,12
346	ok	s=12,m=11	0.24	2.122e+04	0.12	-9801.1	2	229.5	30.3	0.35	0.97	0.0	12,13
347	ok	s=20,m=11	0.06	-3170.7	0.07	-3170.7	1	302.0	63.4	0.73	0.83	0.0	22,22
348	ok	s=20,m=11	0.05	-2864.3	0.06	-2864.3	1	302.0	63.4	0.73	0.83	0.0	13,13
349	ok	s=12,m=11	0.25	2.228e+04	0.13	-1.075e+04	2	229.5	30.3	0.35	0.97	0.0	19,22
350	ok	s=12,m=11	0.20	-1.790e+04	0.21	-1.790e+04	2	229.5	30.3	0.35	0.97	0.0	19,19
351	ok	s=19,m=11	0.30	-2.356e+04	0.31	-2.356e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
352	ok	s=19,m=11	0.30	-2.352e+04	0.31	-2.352e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
353	ok	s=20,m=11	0.39	2.159e+04			1	277.7	58.3	0.67	0.86	0.0	1,0
354	ok	s=20,m=11	0.39	2.149e+04			1	277.7	58.3	0.67	0.86	0.0	1,0
355	ok	s=17,m=11	0.11	-1.796e+04	0.11	-1.796e+04	4	221.9	15.7	0.18	1.00	0.0	13,13
356	ok	s=20,m=11	0.06	-3185.2	0.07	-3185.2	1	303.4	63.7	0.73	0.83	0.0	20,20
357	ok	s=18,m=11	0.67	7.360e+04			2	221.9	23.4	0.27	0.98	0.0	1,0
358	ok	s=12,m=11	0.10	-8964.0	0.11	-8964.0	2	262.5	34.7	0.40	0.95	0.0	1,1
359	ok	s=12,m=11	0.11	-9463.0	0.11	-9463.0	2	262.5	34.7	0.40	0.95	0.0	1,1
360	ok	s=12,m=11	0.11	-9284.8	0.11	-9284.8	2	262.5	34.7	0.40	0.95	0.0	1,1
361	ok	s=12,m=11	0.10	-8765.2	0.10	-8765.2	2	262.5	34.7	0.40	0.95	0.0	1,1
362	ok	s=18,m=11	0.67	7.366e+04			2	221.9	23.4	0.27	0.98	0.0	1,0
363	ok	s=20,m=11	0.05	-3009.5	0.07	-3009.5	1	303.4	63.7	0.73	0.83	0.0	11,11
364	ok	s=17,m=11	0.11	-1.793e+04	0.11	-1.793e+04	4	221.9	15.7	0.18	1.00	0.0	22,22
365	ok	s=20,m=11	0.33	-1.804e+04	0.45	-1.804e+04	1	377.6	79.2	0.91	0.73	0.0	1,1
366	ok	s=20,m=11	0.32	-1.787e+04	0.44	-1.787e+04	1	377.6	79.2	0.91	0.73	0.0	1,1
367	ok	s=20,m=11	0.62	3.431e+04			1	223.0	46.8	0.54	0.91	0.0	1,0
368	ok	s=20,m=11	0.61	3.401e+04			1	223.0	46.8	0.54	0.91	0.0	1,0
369	ok	s=7,m=11	0.15	2.011e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
370	ok	s=7,m=11	0.25	3.253e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
371	ok	s=7,m=11	0.15	2.006e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
372	ok	s=7,m=11	0.24	3.167e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
373	ok	s=20,m=11	0.28	-1.524e+04	0.39	-1.524e+04	1	387.4	81.3	0.94	0.71	0.0	1,1
374	ok	s=20,m=11	0.29	-1.580e+04	0.40	-1.580e+04	1	387.4	81.3	0.94	0.71	0.0	1,1
375	ok	s=11,m=11	0.35	3.107e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
376	ok	s=11,m=11	0.25	2.213e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
377	ok	s=11,m=11	0.35	3.087e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
378	ok	s=11,m=11	0.28	2.427e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
379	ok	s=20,m=11	0.41	2.295e+04			1	239.4	50.2	0.58	0.90	0.0	1,0
380	ok	s=15,m=11	0.03	4654.3	0.01	-1979.9	2	160.0	14.2	0.16	1.00	0.0	12,13
381	ok	s=15,m=11	0.02	3212.5	3.59e-03	-526.8	2	160.0	14.2	0.16	1.00	0.0	19,22

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
382	ok	s=20,m=11	0.41	2.293e+04			1	239.4	50.2	0.58	0.90	0.0	1,0
383	ok	s=20,m=11	0.56	3.128e+04			1	216.7	45.5	0.52	0.92	0.0	1,0
384	ok	s=19,m=11	0.02	1556.4	0.01	-778.3	1	139.4	20.9	0.24	0.99	0.0	22,19
385	ok	s=19,m=11	0.02	1417.9	7.78e-03	-598.2	1	139.4	20.9	0.24	0.99	0.0	13,12
386	ok	s=20,m=11	0.58	3.230e+04			1	216.7	45.5	0.52	0.92	0.0	1,0
387	ok	s=8,m=11	0.13	-1.484e+04	0.14	-1.484e+04	2	264.2	27.9	0.32	0.97	0.0	1,1
388	ok	s=8,m=11	0.13	-1.448e+04	0.14	-1.448e+04	2	264.2	27.9	0.32	0.97	0.0	1,1
389	ok	s=8,m=11	0.13	-1.455e+04	0.14	-1.455e+04	2	264.2	27.9	0.32	0.97	0.0	1,1
390	ok	s=8,m=11	0.14	-1.492e+04	0.14	-1.492e+04	2	264.2	27.9	0.32	0.97	0.0	1,1
391	ok	s=18,m=11	0.81	8.962e+04			2	229.1	24.2	0.28	0.98	0.0	1,0
392	ok	s=18,m=11	0.81	8.889e+04			2	229.1	24.2	0.28	0.98	0.0	1,0
393	ok	s=19,m=11	0.26	-1.987e+04	0.27	-1.987e+04	1	255.6	38.3	0.44	0.94	0.0	1,1
394	ok	s=19,m=11	0.25	-1.978e+04	0.27	-1.978e+04	1	255.6	38.3	0.44	0.94	0.0	1,1
395	ok	s=19,m=11	0.23	-1.789e+04	0.24	-1.789e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
396	ok	s=19,m=11	0.23	-1.788e+04	0.24	-1.788e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
397	ok	s=19,m=11	0.27	-2.108e+04	0.28	-2.108e+04	1	213.6	32.0	0.37	0.96	0.0	1,1
398	ok	s=20,m=11	0.11	-6011.7	0.13	-6011.7	1	303.0	63.6	0.73	0.83	0.0	1,1
399	ok	s=20,m=11	0.11	-6087.6	0.13	-6087.6	1	303.0	63.6	0.73	0.83	0.0	1,1
400	ok	s=19,m=11	0.28	-2.192e+04	0.29	-2.192e+04	1	213.6	32.0	0.37	0.96	0.0	1,1
401	ok	s=17,m=11	0.05	-7836.9	0.05	-7836.9	4	229.5	16.2	0.19	1.00	0.0	11,11
402	ok	s=17,m=11	0.04	-6048.2	0.04	-6048.2	4	229.5	16.2	0.19	1.00	0.0	20,20
403	ok	s=19,m=11	0.03	2048.8	9.88e-03	-745.3	1	188.7	28.3	0.33	0.97	0.0	20,21
404	ok	s=19,m=11	0.02	1940.5	9.24e-03	-696.7	1	188.7	28.3	0.33	0.97	0.0	7,10
405	ok	s=19,m=11	0.30	-2.364e+04	0.32	-2.364e+04	1	216.2	32.4	0.37	0.96	0.0	1,1
406	ok	s=19,m=11	0.30	-2.344e+04	0.31	-2.344e+04	1	216.2	32.4	0.37	0.96	0.0	1,1
407	ok	s=18,m=11	0.31	3.455e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
408	ok	s=18,m=11	0.31	3.371e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
409	ok	s=7,m=11	0.63	8.311e+04			3	80.0	7.1	0.08	1.00	0.0	1,0
410	ok	s=7,m=11	0.62	8.145e+04			3	80.0	7.1	0.08	1.00	0.0	1,0
411	ok	s=17,m=11	0.34	5.600e+04			4	195.0	13.8	0.16	1.00	0.0	1,0
412	ok	s=17,m=11	0.32	5.330e+04			4	195.0	13.8	0.16	1.00	0.0	1,0
413	ok	s=17,m=11	0.07	1.217e+04	0.05	-8417.0	4	195.0	13.8	0.16	1.00	0.0	12,13
414	ok	s=17,m=11	0.07	1.094e+04	0.06	-9669.6	4	195.0	13.8	0.16	1.00	0.0	19,22
415	ok	s=16,m=11	0.13	-1.413e+04	0.13	-1.413e+04	2	259.0	27.3	0.31	0.97	0.0	1,1
416	ok	s=16,m=11	0.13	1.484e+04	0.02	-1952.6	2	259.0	27.3	0.31	0.97	0.0	1,10
417	ok	s=16,m=11	0.13	-1.424e+04	0.13	-1.424e+04	2	259.0	27.3	0.31	0.97	0.0	1,1
418	ok	s=16,m=11	0.14	1.524e+04	0.02	-1895.1	2	259.0	27.3	0.31	0.97	0.0	1,17
419	ok	s=17,m=11	0.19	-3.199e+04	0.19	-3.199e+04	4	195.0	13.8	0.16	1.00	0.0	1,1
420	ok	s=17,m=11	0.20	-3.311e+04	0.20	-3.311e+04	4	195.0	13.8	0.16	1.00	0.0	1,1
421	ok	s=11,m=11	0.12	1.033e+04			2	160.0	21.1	0.24	0.99	0.0	1,0
422	ok	s=11,m=11	0.11	1.003e+04			2	160.0	21.1	0.24	0.99	0.0	1,0
423	ok	s=17,m=11	0.31	-5.175e+04	0.31	-5.175e+04	4	195.0	13.8	0.16	1.00	0.0	1,1
424	ok	s=17,m=11	0.26	-4.245e+04	0.26	-4.245e+04	4	195.0	13.8	0.16	1.00	0.0	1,1
425	ok	s=20,m=11	0.28	1.541e+04			1	239.4	50.2	0.58	0.90	0.0	1,0
426	ok	s=20,m=11	0.28	1.541e+04			1	239.4	50.2	0.58	0.90	0.0	1,0
427	ok	s=20,m=11	0.30	-1.656e+04	0.42	-1.656e+04	1	386.4	81.1	0.93	0.71	0.0	1,1
428	ok	s=20,m=11	0.31	-1.691e+04	0.43	-1.691e+04	1	386.4	81.1	0.93	0.71	0.0	1,1
429	ok	s=17,m=11	0.34	-5.585e+04	0.34	-5.585e+04	4	195.0	13.8	0.16	1.00	0.0	1,1
430	ok	s=17,m=11	0.26	-4.244e+04	0.26	-4.244e+04	4	195.0	13.8	0.16	1.00	0.0	1,1
431	ok	s=18,m=11	0.56	6.139e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
432	ok	s=18,m=11	0.54	5.963e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
433	ok	s=17,m=11	0.29	-4.844e+04	0.29	-4.844e+04	4	195.0	13.8	0.16	1.00	0.0	1,1
434	ok	s=17,m=11	0.30	-4.867e+04	0.30	-4.867e+04	4	195.0	13.8	0.16	1.00	0.0	1,1
435	ok	s=20,m=11	0.31	1.693e+04			1	215.7	45.3	0.52	0.92	0.0	1,0
436	ok	s=19,m=11	0.02	-1790.8	0.02	-1790.8	1	142.3	21.3	0.25	0.99	0.0	1,1
437	ok	s=19,m=11	0.02	-1800.2	0.02	-1800.2	1	142.3	21.3	0.25	0.99	0.0	1,1
438	ok	s=20,m=11	0.31	1.725e+04			1	215.7	45.3	0.52	0.92	0.0	1,0
439	ok	s=17,m=11	0.26	-4.298e+04	0.26	-4.298e+04	4	195.0	13.8	0.16	1.00	0.0	1,1
440	ok	s=17,m=11	0.29	-4.768e+04	0.29	-4.768e+04	4	195.0	13.8	0.16	1.00	0.0	1,1
441	ok	s=17,m=11	0.17	-2.816e+04	0.17	-2.816e+04	4	195.0	13.8	0.16	1.00	0.0	1,1
442	ok	s=17,m=11	0.19	-3.133e+04	0.19	-3.133e+04	4	195.0	13.8	0.16	1.00	0.0	1,1
443	ok	s=18,m=11	0.61	6.771e+04			2	229.1	24.2	0.28	0.98	0.0	1,0
444	ok	s=18,m=11	0.61	6.702e+04			2	229.1	24.2	0.28	0.98	0.0	1,0
445	ok	s=17,m=11	0.03	4813.4	0.01	-2187.6	4	195.0	13.8	0.16	1.00	0.0	34,31
446	ok	s=17,m=11	0.03	4622.0	0.02	-3594.2	4	195.0	13.8	0.16	1.00	0.0	37,36
447	ok	s=17,m=11	0.33	5.375e+04			4	195.0	13.8	0.16	1.00	0.0	1,0
448	ok	s=17,m=11	0.32	5.222e+04			4	195.0	13.8	0.16	1.00	0.0	1,0
449	ok	s=11,m=11	0.90	7.887e+04			2	80.0	10.6	0.12	1.00	0.0	1,0
450	ok	s=11,m=11	0.89	7.843e+04			2	80.0	10.6	0.12	1.00	0.0	1,0
451	ok	s=20,m=11	0.26	1.434e+04			1	275.3	57.8	0.67	0.86	0.0	1,0
452	ok	s=20,m=11	0.26	1.423e+04			1	275.3	57.8	0.67	0.86	0.0	1,0
453	ok	s=18,m=11	0.73	8.049e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
454	ok	s=18,m=11	0.71	7.777e+04			2	215.7	22.8	0.26	0.99	0.0	1,0

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
455	ok	s=12,m=11	0.65	-5.744e+04	0.71	-5.744e+04	2	334.2	44.1	0.51	0.92	0.0	1,1
456	ok	s=12,m=11	0.45	-3.935e+04	0.48	-3.935e+04	2	334.2	44.1	0.51	0.92	0.0	1,1
457	ok	s=12,m=11	0.65	-5.756e+04	0.71	-5.756e+04	2	334.2	44.1	0.51	0.92	0.0	1,1
458	ok	s=12,m=11	0.49	-4.276e+04	0.53	-4.276e+04	2	334.2	44.1	0.51	0.92	0.0	1,1
459	ok	s=20,m=11	0.29	-1.612e+04	0.40	-1.612e+04	1	376.5	79.0	0.91	0.73	0.0	1,1
460	ok	s=20,m=11	0.29	-1.596e+04	0.40	-1.596e+04	1	376.5	79.0	0.91	0.73	0.0	1,1
461	ok	s=19,m=11	0.15	-1.198e+04	0.16	-1.198e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
462	ok	s=19,m=11	0.15	-1.198e+04	0.16	-1.198e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
463	ok	s=17,m=11	0.07	1.213e+04	0.07	-1.071e+04	4	221.9	15.7	0.18	1.00	0.0	12,13
464	ok	s=20,m=11	0.09	-5005.6	0.11	-5005.6	1	303.4	63.7	0.73	0.83	0.0	1,1
465	ok	s=18,m=11	0.59	6.452e+04			2	221.9	23.4	0.27	0.98	0.0	1,0
466	ok	s=18,m=11	0.59	6.456e+04			2	221.9	23.4	0.27	0.98	0.0	1,0
467	ok	s=20,m=11	0.09	-4896.3	0.11	-4896.3	1	303.4	63.7	0.73	0.83	0.0	1,1
468	ok	s=17,m=11	0.08	1.240e+04	0.07	-1.075e+04	4	221.9	15.7	0.18	1.00	0.0	19,22
469	ok	s=8,m=11	0.36	-3.961e+04	0.38	-3.961e+04	2	339.3	35.8	0.41	0.95	0.0	1,1
470	ok	s=8,m=11	0.54	-5.945e+04	0.57	-5.945e+04	2	339.3	35.8	0.41	0.95	0.0	1,1
471	ok	s=8,m=11	0.36	-3.958e+04	0.38	-3.958e+04	2	339.3	35.8	0.41	0.95	0.0	1,1
472	ok	s=8,m=11	0.53	-5.821e+04	0.56	-5.821e+04	2	339.3	35.8	0.41	0.95	0.0	1,1
473	ok	s=7,m=11	0.13	1.679e+04			3	160.0	14.2	0.16	1.00	0.0	1,0
474	ok	s=7,m=11	0.13	1.692e+04			3	160.0	14.2	0.16	1.00	0.0	1,0
475	ok	s=20,m=11	0.28	1.533e+04			1	222.3	46.6	0.54	0.91	0.0	1,0
476	ok	s=20,m=11	0.27	1.514e+04			1	222.3	46.6	0.54	0.91	0.0	1,0
477	ok	s=19,m=11	0.13	-9982.2	0.13	-9982.2	1	212.2	31.8	0.37	0.96	0.0	1,1
478	ok	s=19,m=11	0.13	-1.024e+04	0.14	-1.024e+04	1	212.2	31.8	0.37	0.96	0.0	1,1
479	ok	s=17,m=11	0.27	4.479e+04			4	221.3	15.6	0.18	1.00	0.0	1,0
480	ok	s=17,m=11	0.27	4.381e+04			4	221.3	15.6	0.18	1.00	0.0	1,0
481	ok	s=20,m=11	0.14	7642.6			1	232.4	48.8	0.56	0.90	0.0	1,0
482	ok	s=20,m=11	0.14	7714.1			1	232.4	48.8	0.56	0.90	0.0	1,0
483	ok	s=17,m=11	0.07	1.166e+04	0.04	-5801.7	4	229.5	16.2	0.19	1.00	0.0	14,11
484	ok	s=17,m=11	0.06	9800.8	0.02	-2980.3	4	229.5	16.2	0.19	1.00	0.0	21,20
485	ok	s=17,m=11	0.27	4.426e+04			4	229.1	16.2	0.19	1.00	0.0	1,0
486	ok	s=17,m=11	0.27	4.405e+04			4	229.1	16.2	0.19	1.00	0.0	1,0
487	ok	s=18,m=11	0.81	8.877e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
488	ok	s=18,m=11	0.80	8.787e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
489	ok	s=15,m=11	0.04	6381.6			2	160.0	14.2	0.16	1.00	0.0	1,0
490	ok	s=15,m=11	0.05	7766.5			2	160.0	14.2	0.16	1.00	0.0	1,0
491	ok	s=20,m=11	0.14	7725.9			1	239.4	50.2	0.58	0.90	0.0	1,0
492	ok	s=20,m=11	0.14	7717.1			1	239.4	50.2	0.58	0.90	0.0	1,0
493	ok	s=20,m=11	0.19	-1.061e+04	0.27	-1.061e+04	1	385.4	80.9	0.93	0.71	0.0	1,1
494	ok	s=20,m=11	0.19	-1.072e+04	0.27	-1.072e+04	1	385.4	80.9	0.93	0.71	0.0	1,1
495	ok	s=18,m=11	0.72	7.907e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
496	ok	s=18,m=11	0.74	8.197e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
497	ok	s=12,m=11	0.08	-6847.4	0.08	-6847.4	2	261.2	34.5	0.40	0.95	0.0	1,1
498	ok	s=12,m=11	0.08	-6750.3	0.08	-6750.3	2	261.2	34.5	0.40	0.95	0.0	1,1
499	ok	s=12,m=11	0.07	-6394.4	0.08	-6394.4	2	261.2	34.5	0.40	0.95	0.0	1,1
500	ok	s=12,m=11	0.08	-6648.2	0.08	-6648.2	2	261.2	34.5	0.40	0.95	0.0	1,1
501	ok	s=20,m=11	0.10	5740.2			1	214.8	45.1	0.52	0.92	0.0	1,0
502	ok	s=20,m=11	0.11	5874.7			1	214.8	45.1	0.52	0.92	0.0	1,0
503	ok	s=19,m=11	0.08	-6239.7	0.08	-6239.7	1	145.2	21.8	0.25	0.99	0.0	1,1
504	ok	s=19,m=11	0.08	-6278.3	0.08	-6278.3	1	145.2	21.8	0.25	0.99	0.0	1,1
505	ok	s=18,m=11	0.35	3.806e+04			2	229.1	24.2	0.28	0.98	0.0	1,0
506	ok	s=18,m=11	0.34	3.753e+04			2	229.1	24.2	0.28	0.98	0.0	1,0
507	ok	s=19,m=11	0.17	-1.309e+04	0.18	-1.309e+04	1	252.5	37.8	0.44	0.94	0.0	1,1
508	ok	s=19,m=11	0.17	-1.299e+04	0.18	-1.299e+04	1	252.5	37.8	0.44	0.94	0.0	1,1
509	ok	s=19,m=11	0.17	-1.294e+04	0.17	-1.294e+04	1	214.9	32.2	0.37	0.96	0.0	1,1
510	ok	s=19,m=11	0.16	-1.280e+04	0.17	-1.280e+04	1	214.9	32.2	0.37	0.96	0.0	1,1
511	ok	s=19,m=11	0.02	-1278.5	0.02	-1278.5	1	188.7	28.3	0.33	0.97	0.0	1,1
512	ok	s=19,m=11	0.02	-1278.4	0.02	-1278.4	1	188.7	28.3	0.33	0.97	0.0	1,1
513	ok	s=19,m=11	0.06	-4830.7	0.06	-4830.7	1	188.7	28.3	0.33	0.97	0.0	1,1
514	ok	s=19,m=11	0.06	-4818.4	0.06	-4818.4	1	188.7	28.3	0.33	0.97	0.0	1,1
515	ok	s=18,m=11	0.56	6.140e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
516	ok	s=18,m=11	0.57	6.310e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
517	ok	s=20,m=11	0.39	2.135e+04			1	253.2	53.1	0.61	0.89	0.0	1,0
518	ok	s=20,m=11	0.37	2.035e+04			1	253.2	53.1	0.61	0.89	0.0	1,0
519	ok	s=16,m=11	0.13	1.421e+04	0.06	-6462.9	2	258.2	27.2	0.31	0.97	0.0	11,14
520	ok	s=16,m=11	0.09	-9531.2	0.09	-9531.2	2	258.2	27.2	0.31	0.97	0.0	12,12
521	ok	s=16,m=11	0.14	1.588e+04	0.09	-9586.9	2	258.2	27.2	0.31	0.97	0.0	20,21
522	ok	s=16,m=11	0.11	1.238e+04	0.10	-1.100e+04	2	258.2	27.2	0.31	0.97	0.0	22,19
523	ok	s=19,m=11	0.02	-1739.0	0.02	-1739.0	1	210.9	31.6	0.36	0.96	0.0	1,1
524	ok	s=19,m=11	0.02	-1862.3	0.02	-1862.3	1	210.9	31.6	0.36	0.96	0.0	1,1
525	ok	s=8,m=11	0.12	1.273e+04	0.01	-1212.1	2	229.5	24.2	0.28	0.98	0.0	1,11
526	ok	s=8,m=11	0.06	-6544.1	0.06	-6544.1	2	229.5	24.2	0.28	0.98	0.0	13,13
527	ok	s=8,m=11	0.11	1.245e+04	0.01	-1335.3	2	229.5	24.2	0.28	0.98	0.0	1,20

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
528	ok	s=8,m=11	0.06	-6445.7	0.06	-6445.7	2	229.5	24.2	0.28	0.98	0.0	22,22
529	ok	s=19,m=11	0.15	-1.154e+04	0.15	-1.154e+04	1	138.1	20.7	0.24	0.99	0.0	1,1
530	ok	s=19,m=11	0.14	-1.100e+04	0.14	-1.100e+04	1	138.1	20.7	0.24	0.99	0.0	1,1
531	ok	s=17,m=11	0.07	-1.108e+04	0.07	-1.108e+04	4	229.1	16.2	0.19	1.00	0.0	1,1
532	ok	s=17,m=11	0.07	-1.188e+04	0.07	-1.188e+04	4	229.1	16.2	0.19	1.00	0.0	1,1
533	ok	s=20,m=11	0.18	1.016e+04			1	234.7	49.2	0.57	0.90	0.0	1,0
534	ok	s=20,m=11	0.18	1.022e+04			1	234.7	49.2	0.57	0.90	0.0	1,0
535	ok	s=18,m=11	0.32	3.517e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
536	ok	s=18,m=11	0.33	3.600e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
537	ok	s=17,m=11	0.06	1.068e+04	0.04	-6030.3	4	229.5	16.2	0.19	1.00	0.0	22,19
538	ok	s=17,m=11	0.05	8618.4	0.02	-3059.6	4	229.5	16.2	0.19	1.00	0.0	13,12
539	ok	s=8,m=11	0.10	-1.110e+04	0.10	-1.110e+04	2	262.5	27.7	0.32	0.97	0.0	1,1
540	ok	s=8,m=11	0.11	-1.185e+04	0.11	-1.185e+04	2	262.5	27.7	0.32	0.97	0.0	1,1
541	ok	s=8,m=11	0.11	-1.184e+04	0.11	-1.184e+04	2	262.5	27.7	0.32	0.97	0.0	1,1
542	ok	s=8,m=11	0.10	-1.124e+04	0.10	-1.124e+04	2	262.5	27.7	0.32	0.97	0.0	1,1
543	ok	s=20,m=11	0.31	1.722e+04			1	253.2	53.1	0.61	0.89	0.0	1,0
544	ok	s=20,m=11	0.29	1.619e+04			1	253.2	53.1	0.61	0.89	0.0	1,0
545	ok	s=12,m=11	0.10	8738.8	0.01	-860.0	2	226.9	30.0	0.35	0.97	0.0	1,13
546	ok	s=12,m=11	0.07	5855.2	0.05	-4655.5	2	226.9	30.0	0.35	0.97	0.0	14,11
547	ok	s=12,m=11	0.09	7583.8	0.01	-889.0	2	226.9	30.0	0.35	0.97	0.0	1,22
548	ok	s=12,m=11	0.07	5796.6	0.04	-3755.1	2	226.9	30.0	0.35	0.97	0.0	21,20
549	ok	s=11,m=11	0.29	2.583e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
550	ok	s=11,m=11	0.29	2.591e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
551	ok	s=11,m=11	0.30	2.618e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
552	ok	s=11,m=11	0.32	2.826e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
553	ok	s=20,m=11	0.06	-3211.5	0.07	-3211.5	1	344.7	72.3	0.83	0.78	0.0	22,22
554	ok	s=20,m=11	0.06	-3087.6	0.07	-3087.6	1	344.7	72.3	0.83	0.78	0.0	13,13
555	ok	s=21,m=11	0.11	-1.383e+04	0.11	-1.383e+04	3	235.0	20.8	0.24	0.99	0.0	1,1
556	ok	s=21,m=11	0.10	-1.343e+04	0.10	-1.343e+04	3	235.0	20.8	0.24	0.99	0.0	1,1
557	ok	s=19,m=11	0.12	-9256.1	0.12	-9256.1	1	138.1	20.7	0.24	0.99	0.0	1,1
558	ok	s=19,m=11	0.11	-8695.8	0.11	-8695.8	1	138.1	20.7	0.24	0.99	0.0	1,1
559	ok	s=20,m=11	0.10	-5278.8	0.13	-5278.8	1	384.4	80.7	0.93	0.71	0.0	1,1
560	ok	s=20,m=11	0.10	-5300.6	0.13	-5300.6	1	384.4	80.7	0.93	0.71	0.0	1,1
561	ok	s=20,m=11	0.15	8348.9			1	272.8	57.3	0.66	0.87	0.0	1,0
562	ok	s=20,m=11	0.15	8237.1			1	272.8	57.3	0.66	0.87	0.0	1,0
563	ok	s=7,m=11	0.18	2.314e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
564	ok	s=7,m=11	0.21	2.804e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
565	ok	s=7,m=11	0.18	2.315e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
566	ok	s=7,m=11	0.21	2.715e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
567	ok	s=21,m=11	0.12	-1.570e+04	0.12	-1.570e+04	3	259.4	23.0	0.27	0.99	0.0	1,1
568	ok	s=21,m=11	0.12	-1.513e+04	0.12	-1.513e+04	3	259.4	23.0	0.27	0.99	0.0	1,1
569	ok	s=20,m=11	0.07	-4085.4	0.10	-4085.4	1	375.4	78.8	0.91	0.73	0.0	21,21
570	ok	s=20,m=11	0.07	-3940.4	0.10	-3940.4	1	375.4	78.8	0.91	0.73	0.0	14,14
571	ok	s=20,m=11	0.07	-3967.5	0.08	-3967.5	1	214.0	44.9	0.52	0.92	0.0	1,1
572	ok	s=19,m=11	0.10	-7925.1	0.10	-7925.1	1	148.2	22.2	0.26	0.99	0.0	1,1
573	ok	s=19,m=11	0.10	-7953.8	0.10	-7953.8	1	148.2	22.2	0.26	0.99	0.0	1,1
574	ok	s=20,m=11	0.07	-3980.4	0.08	-3980.4	1	214.0	44.9	0.52	0.92	0.0	1,1
575	ok	s=20,m=11	0.23	1.300e+04			1	253.2	53.1	0.61	0.89	0.0	1,0
576	ok	s=20,m=11	0.22	1.193e+04			1	253.2	53.1	0.61	0.89	0.0	1,0
577	ok	s=15,m=11	0.03	-5031.3	0.03	-5031.3	2	160.0	14.2	0.16	1.00	0.0	1,1
578	ok	s=15,m=11	0.04	-5833.0	0.04	-5833.0	2	160.0	14.2	0.16	1.00	0.0	1,1
579	ok	s=20,m=11	0.09	-5142.0	0.10	-5142.0	1	221.7	46.5	0.54	0.91	0.0	20,20
580	ok	s=20,m=11	0.09	-4980.3	0.10	-4980.3	1	221.7	46.5	0.54	0.91	0.0	1,1
581	ok	s=17,m=11	0.06	9255.3	0.05	-8327.7	4	221.9	15.7	0.18	1.00	0.0	12,13
582	ok	s=20,m=11	0.12	6647.6			1	278.6	58.5	0.67	0.86	0.0	1,0
583	ok	s=18,m=11	0.45	4.938e+04			2	221.9	23.4	0.27	0.98	0.0	1,0
584	ok	s=11,m=11	0.09	7720.9			2	160.0	21.1	0.24	0.99	0.0	1,0
585	ok	s=11,m=11	0.08	7323.6			2	160.0	21.1	0.24	0.99	0.0	1,0
586	ok	s=18,m=11	0.45	4.939e+04			2	221.9	23.4	0.27	0.98	0.0	1,0
587	ok	s=20,m=11	0.12	6549.0			1	278.6	58.5	0.67	0.86	0.0	1,0
588	ok	s=17,m=11	0.06	9563.0	0.05	-8549.8	4	221.9	15.7	0.18	1.00	0.0	19,22
589	ok	s=17,m=11	0.02	-3658.9	0.02	-3658.9	4	221.3	15.6	0.18	1.00	0.0	21,21
590	ok	s=17,m=11	0.02	-3725.5	0.02	-3725.5	4	221.3	15.6	0.18	1.00	0.0	14,14
591	ok	s=21,m=11	0.03	4143.2			3	323.7	28.7	0.33	0.97	0.0	1,0
592	ok	s=21,m=11	0.13	-1.675e+04	0.13	-1.675e+04	3	285.0	25.3	0.29	0.98	0.0	1,1
593	ok	s=21,m=11	0.11	-1.449e+04	0.11	-1.449e+04	3	285.0	25.3	0.29	0.98	0.0	1,1
594	ok	s=19,m=11	0.04	-3415.3	0.05	-3415.3	1	188.7	28.3	0.33	0.97	0.0	1,1
595	ok	s=19,m=11	0.04	-3390.1	0.04	-3390.1	1	188.7	28.3	0.33	0.97	0.0	1,1
596	ok	s=19,m=11	0.09	-6953.0	0.09	-6953.0	1	138.1	20.7	0.24	0.99	0.0	1,1
597	ok	s=19,m=11	0.08	-6370.7	0.08	-6370.7	1	138.1	20.7	0.24	0.99	0.0	1,1
598	ok	s=21,m=11	0.08	-1.051e+04	0.08	-1.051e+04	3	336.2	29.8	0.34	0.97	0.0	1,1
599	ok	s=21,m=11	0.10	-1.258e+04	0.10	-1.258e+04	3	311.6	27.6	0.32	0.97	0.0	1,1
600	ok	s=20,m=11	0.10	5271.6			1	253.2	53.1	0.61	0.89	0.0	1,0

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
601	ok	s=20,m=11	0.13	7429.2			1	253.2	53.1	0.61	0.89	0.0	1,0
602	ok	s=21,m=11	0.10	-1.316e+04	0.10	-1.316e+04	3	351.0	31.1	0.36	0.96	0.0	1,1
603	ok	s=21,m=11	0.05	-6808.9	0.05	-6808.9	3	338.8	30.0	0.35	0.97	0.0	1,1
604	ok	s=17,m=11	0.29	-4.772e+04	0.29	-4.772e+04	4	229.1	16.2	0.19	1.00	0.0	1,1
605	ok	s=17,m=11	0.30	-4.882e+04	0.30	-4.882e+04	4	229.1	16.2	0.19	1.00	0.0	1,1
606	ok	s=19,m=11	0.05	3511.9	3.29e-03	-245.9	1	209.7	31.4	0.36	0.96	0.0	1,22
607	ok	s=19,m=11	0.04	3383.3			1	209.7	31.4	0.36	0.96	0.0	1,0
608	ok	s=19,m=11	0.04	-2740.1	0.04	-2740.1	1	138.1	20.7	0.24	0.99	0.0	1,1
609	ok	s=19,m=11	0.05	-3916.7	0.05	-3916.7	1	138.1	20.7	0.24	0.99	0.0	1,1
610	ok	s=20,m=11	0.23	1.271e+04			1	236.9	49.7	0.57	0.90	0.0	1,0
611	ok	s=20,m=11	0.23	1.276e+04			1	236.9	49.7	0.57	0.90	0.0	1,0
612	ok	s=21,m=11	0.11	-1.481e+04	0.12	-1.481e+04	3	367.7	32.6	0.38	0.96	0.0	1,1
613	ok	s=21,m=11	0.23	-3.040e+04	0.24	-3.040e+04	3	367.7	32.6	0.38	0.96	0.0	1,1
614	ok	s=21,m=11	0.12	1.514e+04			3	366.5	32.5	0.37	0.96	0.0	1,0
615	ok	s=16,m=11	0.09	1.006e+04	0.06	-5980.6	2	257.5	27.2	0.31	0.97	0.0	13,12
616	ok	s=16,m=11	0.11	1.261e+04	0.06	-6375.7	2	257.5	27.2	0.31	0.97	0.0	11,14
617	ok	s=16,m=11	0.10	1.104e+04	0.06	-6316.9	2	257.5	27.2	0.31	0.97	0.0	22,19
618	ok	s=16,m=11	0.12	1.331e+04	0.07	-7935.6	2	257.5	27.2	0.31	0.97	0.0	20,21
619	ok	s=20,m=11	0.11	6351.8	0.02	-726.6	1	344.7	72.3	0.83	0.78	0.0	1,22
620	ok	s=20,m=11	0.11	6304.4	0.01	-519.5	1	344.7	72.3	0.83	0.78	0.0	1,13
621	ok	s=20,m=11	0.03	1498.0	0.03	-1401.3	1	253.2	53.1	0.61	0.89	0.0	21,20
622	ok	s=20,m=11	0.05	2568.9	0.01	-654.4	1	253.2	53.1	0.61	0.89	0.0	1,11
623	ok	s=21,m=11	0.11	-1.501e+04	0.12	-1.501e+04	3	386.2	34.2	0.39	0.95	0.0	1,1
624	ok	s=21,m=11	0.14	-1.795e+04	0.14	-1.795e+04	3	386.2	34.2	0.39	0.95	0.0	1,1
625	ok	s=19,m=11	0.06	-4914.9	0.07	-4914.9	1	249.3	37.4	0.43	0.94	0.0	1,1
626	ok	s=19,m=11	0.06	-4915.1	0.07	-4915.1	1	249.3	37.4	0.43	0.94	0.0	1,1
627	ok	s=17,m=11	0.06	-9380.7	0.06	-9380.7	4	229.5	16.2	0.19	1.00	0.0	1,1
628	ok	s=17,m=11	0.05	-8565.7	0.05	-8565.7	4	229.5	16.2	0.19	1.00	0.0	1,1
629	ok	s=20,m=11	0.39	2.140e+04			1	282.2	59.2	0.68	0.86	0.0	1,0
630	ok	s=20,m=11	0.39	2.142e+04			1	282.2	59.2	0.68	0.86	0.0	1,0
631	ok	s=21,m=11	0.09	-1.209e+04	0.10	-1.209e+04	3	406.1	36.0	0.41	0.95	0.0	1,1
632	ok	s=21,m=11	0.09	-1.243e+04	0.10	-1.243e+04	3	406.1	36.0	0.41	0.95	0.0	1,1
633	ok	s=19,m=11	0.03	-2605.6	0.03	-2605.6	1	138.1	20.7	0.24	0.99	0.0	1,1
634	ok	s=19,m=11	0.04	-2856.3	0.04	-2856.3	1	138.1	20.7	0.24	0.99	0.0	1,1
635	ok	s=19,m=11	0.10	7676.9			1	213.7	32.0	0.37	0.96	0.0	1,0
636	ok	s=19,m=11	0.10	7752.8			1	213.7	32.0	0.37	0.96	0.0	1,0
637	ok	s=7,m=11	0.09	1.244e+04			3	160.0	14.2	0.16	1.00	0.0	1,0
638	ok	s=7,m=11	0.10	1.253e+04			3	160.0	14.2	0.16	1.00	0.0	1,0
639	ok	s=20,m=11	0.08	4375.1	0.06	-2339.8	1	383.5	80.5	0.93	0.72	0.0	22,19
640	ok	s=20,m=11	0.07	3757.7	0.04	-1522.3	1	383.5	80.5	0.93	0.72	0.0	13,12
641	ok	s=19,m=11	0.18	-1.417e+04	0.19	-1.417e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
642	ok	s=19,m=11	0.18	-1.418e+04	0.19	-1.418e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
643	ok	s=19,m=11	0.08	-5907.2	0.08	-5907.2	1	188.7	28.3	0.33	0.97	0.0	1,1
644	ok	s=12,m=11	0.56	-4.959e+04	0.61	-4.959e+04	2	328.6	43.4	0.50	0.92	0.0	1,1
645	ok	s=12,m=11	0.55	-4.809e+04	0.59	-4.809e+04	2	328.6	43.4	0.50	0.92	0.0	1,1
646	ok	s=12,m=11	0.58	-5.071e+04	0.62	-5.071e+04	2	328.6	43.4	0.50	0.92	0.0	1,1
647	ok	s=12,m=11	0.59	-5.173e+04	0.64	-5.173e+04	2	328.6	43.4	0.50	0.92	0.0	1,1
648	ok	s=19,m=11	0.08	-5840.1	0.08	-5840.1	1	188.7	28.3	0.33	0.97	0.0	1,1
649	ok	s=20,m=11	0.27	-1.509e+04	0.30	-1.509e+04	1	213.2	44.7	0.52	0.92	0.0	1,1
650	ok	s=20,m=11	0.28	-1.551e+04	0.30	-1.551e+04	1	213.2	44.7	0.52	0.92	0.0	1,1
651	ok	s=19,m=11	0.13	-9724.1	0.13	-9724.1	1	151.2	22.7	0.26	0.99	0.0	1,1
652	ok	s=19,m=11	0.13	-9736.2	0.13	-9736.2	1	151.2	22.7	0.26	0.99	0.0	1,1
653	ok	s=20,m=11	0.09	5167.5			1	259.0	54.3	0.63	0.88	0.0	1,0
654	ok	s=20,m=11	0.06	3056.7	7.06e-03	-344.2	1	259.0	54.3	0.63	0.88	0.0	1,9
655	ok	s=20,m=11	0.29	1.593e+04			1	282.2	59.2	0.68	0.86	0.0	1,0
656	ok	s=12,m=11	0.05	-4792.3	0.06	-4792.3	2	260.2	34.4	0.40	0.95	0.0	1,1
657	ok	s=12,m=11	0.05	-4826.5	0.06	-4826.5	2	260.2	34.4	0.40	0.95	0.0	1,1
658	ok	s=12,m=11	0.05	-4621.6	0.06	-4621.6	2	260.2	34.4	0.40	0.95	0.0	1,1
659	ok	s=12,m=11	0.05	-4386.1	0.05	-4386.1	2	260.2	34.4	0.40	0.95	0.0	1,1
660	ok	s=20,m=11	0.29	1.587e+04			1	282.2	59.2	0.68	0.86	0.0	1,0
661	ok	s=19,m=11	0.10	-7888.5	0.10	-7888.5	1	188.7	28.3	0.33	0.97	0.0	1,1
662	ok	s=19,m=11	0.10	-7829.8	0.10	-7829.8	1	188.7	28.3	0.33	0.97	0.0	1,1
663	ok	s=7,m=11	8.42e-03	1104.1	1.47e-03	-193.5	3	80.0	7.1	0.08	1.00	0.0	35,38
664	ok	s=7,m=11	8.13e-03	1066.3	1.71e-03	-224.7	3	80.0	7.1	0.08	1.00	0.0	32,33
665	ok	s=19,m=11	0.07	-5376.9	0.07	-5376.9	1	138.1	20.7	0.24	0.99	0.0	1,1
666	ok	s=19,m=11	0.08	-6073.1	0.08	-6073.1	1	138.1	20.7	0.24	0.99	0.0	1,1
667	ok	s=15,m=11	0.06	-9146.1	0.06	-9146.1	2	160.0	14.2	0.16	1.00	0.0	1,1
668	ok	s=15,m=11	0.07	-9670.0	0.07	-9670.0	2	160.0	14.2	0.16	1.00	0.0	1,1
669	ok	s=11,m=11	0.08	-7080.9	0.08	-7080.9	2	80.0	10.6	0.12	1.00	0.0	1,1
670	ok	s=11,m=11	0.07	-6459.8	0.07	-6459.8	2	80.0	10.6	0.12	1.00	0.0	1,1
671	ok	s=19,m=11	0.13	-1.046e+04	0.14	-1.046e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
672	ok	s=19,m=11	0.13	-1.043e+04	0.14	-1.043e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
673	ok	s=15,m=11	0.08	-1.107e+04	0.08	-1.107e+04	2	204.0	18.1	0.21	1.00	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
674	ok	s=15,m=11	0.03	4017.5	0.01	-1563.5	2	204.0	18.1	0.21	1.00	0.0	14,11
675	ok	s=15,m=11	0.07	-1.098e+04	0.08	-1.098e+04	2	204.0	18.1	0.21	1.00	0.0	1,1
676	ok	s=15,m=11	8.57e-03	1256.5			2	204.0	18.1	0.21	1.00	0.0	1,0
677	ok	s=8,m=11	0.43	-4.786e+04	0.46	-4.786e+04	2	334.2	35.3	0.41	0.95	0.0	1,1
678	ok	s=8,m=11	0.50	-5.511e+04	0.53	-5.511e+04	2	334.2	35.3	0.41	0.95	0.0	1,1
679	ok	s=8,m=11	0.43	-4.789e+04	0.46	-4.789e+04	2	334.2	35.3	0.41	0.95	0.0	1,1
680	ok	s=8,m=11	0.49	-5.440e+04	0.52	-5.440e+04	2	334.2	35.3	0.41	0.95	0.0	1,1
681	ok	s=20,m=11	0.19	1.034e+04			1	259.0	54.3	0.63	0.88	0.0	1,0
682	ok	s=20,m=11	0.21	1.164e+04			1	259.0	54.3	0.63	0.88	0.0	1,0
683	ok	s=17,m=11	0.38	-6.253e+04	0.38	-6.253e+04	4	229.1	16.2	0.19	1.00	0.0	1,1
684	ok	s=17,m=11	0.39	-6.366e+04	0.39	-6.366e+04	4	229.1	16.2	0.19	1.00	0.0	1,1
685	ok	s=17,m=11	0.14	-2.302e+04	0.14	-2.302e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
686	ok	s=17,m=11	0.13	-2.145e+04	0.13	-2.145e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
687	ok	s=20,m=11	0.19	1.051e+04			1	282.2	59.2	0.68	0.86	0.0	1,0
688	ok	s=20,m=11	0.19	1.043e+04			1	282.2	59.2	0.68	0.86	0.0	1,0
689	ok	s=19,m=11	0.21	1.623e+04			1	208.5	31.2	0.36	0.96	0.0	1,0
690	ok	s=19,m=11	0.21	1.661e+04			1	208.5	31.2	0.36	0.96	0.0	1,0
691	ok	s=20,m=11	0.07	-4152.5	0.10	-4152.5	1	384.5	80.7	0.93	0.71	0.0	20,20
692	ok	s=20,m=11	0.07	-3967.8	0.10	-3967.8	1	384.5	80.7	0.93	0.71	0.0	11,11
693	ok	s=19,m=11	0.11	-8194.7	0.11	-8194.7	1	138.1	20.7	0.24	0.99	0.0	1,1
694	ok	s=19,m=11	0.11	-8743.2	0.11	-8743.2	1	138.1	20.7	0.24	0.99	0.0	1,1
695	ok	s=20,m=11	0.28	1.539e+04			1	239.3	50.2	0.58	0.90	0.0	1,0
696	ok	s=20,m=11	0.28	1.541e+04			1	239.3	50.2	0.58	0.90	0.0	1,0
697	ok	s=20,m=11	0.26	1.447e+04			1	344.7	72.3	0.83	0.78	0.0	1,0
698	ok	s=20,m=11	0.26	1.436e+04			1	344.7	72.3	0.83	0.78	0.0	1,0
699	ok	s=19,m=11	0.09	-6843.6	0.09	-6843.6	1	188.7	28.3	0.33	0.97	0.0	1,1
700	ok	s=19,m=11	0.09	-6789.5	0.09	-6789.5	1	188.7	28.3	0.33	0.97	0.0	1,1
701	ok	s=20,m=11	0.07	-3874.6	0.10	-3874.6	1	374.4	78.6	0.90	0.73	0.0	1,1
702	ok	s=20,m=11	0.07	-3834.4	0.09	-3834.4	1	374.4	78.6	0.90	0.73	0.0	1,1
703	ok	s=16,m=11	0.08	9354.3	0.03	-3530.4	2	257.0	27.1	0.31	0.97	0.0	13,12
704	ok	s=16,m=11	0.11	1.234e+04	0.04	-4419.8	2	257.0	27.1	0.31	0.97	0.0	11,14
705	ok	s=16,m=11	0.11	1.219e+04	0.04	-4303.1	2	257.0	27.1	0.31	0.97	0.0	20,21
706	ok	s=16,m=11	0.08	8997.2	0.03	-3262.9	2	257.0	27.1	0.31	0.97	0.0	22,19
707	ok	s=20,m=11	0.28	1.562e+04			1	259.0	54.3	0.63	0.88	0.0	1,0
708	ok	s=20,m=11	0.30	1.665e+04			1	259.0	54.3	0.63	0.88	0.0	1,0
709	ok	s=17,m=11	0.13	-2.140e+04	0.13	-2.140e+04	4	221.3	15.6	0.18	1.00	0.0	1,1
710	ok	s=17,m=11	0.13	-2.177e+04	0.13	-2.177e+04	4	221.3	15.6	0.18	1.00	0.0	1,1
711	ok	s=20,m=11	0.06	3393.1			1	221.1	46.4	0.53	0.91	0.0	1,0
712	ok	s=20,m=11	0.06	3359.0			1	221.1	46.4	0.53	0.91	0.0	1,0
713	ok	s=17,m=11	0.09	-1.559e+04	0.09	-1.559e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
714	ok	s=17,m=11	0.08	-1.359e+04	0.08	-1.359e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
715	ok	s=20,m=11	0.09	4957.1	4.47e-03	-212.2	1	282.2	59.2	0.68	0.86	0.0	1,14
716	ok	s=20,m=11	0.09	4933.7	3.41e-03	-161.9	1	282.2	59.2	0.68	0.86	0.0	1,21
717	ok	s=17,m=11	0.06	-9660.5	0.06	-9660.5	4	229.5	16.2	0.19	1.00	0.0	19,19
718	ok	s=17,m=11	0.04	-7290.5	0.04	-7290.5	4	229.5	16.2	0.19	1.00	0.0	32,32
719	ok	s=17,m=11	0.08	1.362e+04	0.04	-5844.7	4	221.9	15.7	0.18	1.00	0.0	12,13
720	ok	s=20,m=11	0.16	8954.3			1	278.6	58.5	0.67	0.86	0.0	1,0
721	ok	s=18,m=11	0.25	2.801e+04			2	221.9	23.4	0.27	0.98	0.0	1,0
722	ok	s=18,m=11	0.25	2.801e+04			2	221.9	23.4	0.27	0.98	0.0	1,0
723	ok	s=20,m=11	0.16	8856.3			1	278.6	58.5	0.67	0.86	0.0	1,0
724	ok	s=17,m=11	0.08	1.366e+04	0.04	-5883.6	4	221.9	15.7	0.18	1.00	0.0	19,22
725	ok	s=19,m=11	0.14	-1.125e+04	0.15	-1.125e+04	1	138.1	20.7	0.24	0.99	0.0	1,1
726	ok	s=19,m=11	0.15	-1.178e+04	0.15	-1.178e+04	1	138.1	20.7	0.24	0.99	0.0	1,1
727	ok	s=20,m=11	0.02	-1043.0	0.03	-1043.0	1	382.7	80.3	0.92	0.72	0.0	11,11
728	ok	s=20,m=11	0.02	-883.4	0.02	-883.4	1	382.7	80.3	0.92	0.72	0.0	20,20
729	ok	s=19,m=11	0.04	-3130.5	0.04	-3130.5	1	188.7	28.3	0.33	0.97	0.0	1,1
730	ok	s=19,m=11	0.04	-3114.8	0.04	-3114.8	1	188.7	28.3	0.33	0.97	0.0	1,1
731	ok	s=20,m=11	0.08	-4705.2	0.09	-4705.2	1	212.5	44.6	0.51	0.92	0.0	1,1
732	ok	s=8,m=11	0.08	-8785.9	0.08	-8785.9	2	261.2	27.6	0.32	0.97	0.0	1,1
733	ok	s=8,m=11	0.07	-7716.8	0.07	-7716.8	2	261.2	27.6	0.32	0.97	0.0	1,1
734	ok	s=19,m=11	0.15	-1.167e+04	0.15	-1.167e+04	1	154.3	23.1	0.27	0.99	0.0	1,1
735	ok	s=19,m=11	0.15	-1.165e+04	0.15	-1.165e+04	1	154.3	23.1	0.27	0.99	0.0	1,1
736	ok	s=8,m=11	0.07	-7853.9	0.07	-7853.9	2	261.2	27.6	0.32	0.97	0.0	1,1
737	ok	s=8,m=11	0.08	-8747.6	0.08	-8747.6	2	261.2	27.6	0.32	0.97	0.0	1,1
738	ok	s=20,m=11	0.08	-4536.4	0.09	-4536.4	1	212.5	44.6	0.51	0.92	0.0	1,1
739	ok	s=19,m=11	0.16	-1.228e+04	0.16	-1.228e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
740	ok	s=19,m=11	0.16	-1.213e+04	0.16	-1.213e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
741	ok	s=20,m=11	0.38	2.129e+04			1	259.0	54.3	0.63	0.88	0.0	1,0
742	ok	s=20,m=11	0.40	2.228e+04			1	259.0	54.3	0.63	0.88	0.0	1,0
743	ok	s=11,m=11	0.06	5367.5			2	160.0	21.1	0.24	0.99	0.0	1,0
744	ok	s=11,m=11	0.06	4960.9			2	160.0	21.1	0.24	0.99	0.0	1,0
745	ok	s=17,m=11	0.07	-1.218e+04	0.07	-1.218e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
746	ok	s=17,m=11	0.06	-9526.7	0.06	-9526.7	4	215.7	15.2	0.18	1.00	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
747	ok	s=20,m=11	0.03	-1874.3	0.04	-1874.3	1	282.2	59.2	0.68	0.86	0.0	9,9
748	ok	s=20,m=11	0.03	-1809.4	0.04	-1809.4	1	282.2	59.2	0.68	0.86	0.0	18,18
749	ok	s=15,m=11	0.08	-1.106e+04	0.08	-1.106e+04	2	160.0	14.2	0.16	1.00	0.0	1,1
750	ok	s=15,m=11	0.08	-1.128e+04	0.08	-1.128e+04	2	160.0	14.2	0.16	1.00	0.0	1,1
751	ok	s=18,m=11	0.24	2.624e+04			2	220.2	23.2	0.27	0.98	0.0	1,0
752	ok	s=18,m=11	0.26	2.848e+04			2	220.2	23.2	0.27	0.98	0.0	1,0
753	ok	s=16,m=11	0.84	-9.285e+04	0.88	-9.285e+04	2	313.7	33.1	0.38	0.96	0.0	1,1
754	ok	s=16,m=11	0.25	-2.702e+04	0.26	-2.702e+04	2	313.7	33.1	0.38	0.96	0.0	20,20
755	ok	s=25,m=11	0.41	-2.611e+04	0.53	-2.611e+04	1	397.9	73.0	0.84	0.77	0.0	1,1
756	ok	s=16,m=11	0.86	-9.435e+04	0.89	-9.435e+04	2	313.7	33.1	0.38	0.96	0.0	1,1
757	ok	s=16,m=11	0.22	-2.453e+04	0.23	-2.453e+04	2	313.7	33.1	0.38	0.96	0.0	11,11
758	ok	s=25,m=11	0.41	-2.621e+04	0.54	-2.621e+04	1	397.9	73.0	0.84	0.77	0.0	1,1
759	ok	s=11,m=11	0.33	2.898e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
760	ok	s=11,m=11	0.33	2.940e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
761	ok	s=11,m=11	0.34	2.963e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
762	ok	s=11,m=11	0.36	3.165e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
763	ok	s=19,m=11	0.05	-3553.8	0.05	-3553.8	1	188.7	28.3	0.33	0.97	0.0	1,1
764	ok	s=19,m=11	0.05	-3636.8	0.05	-3636.8	1	188.7	28.3	0.33	0.97	0.0	1,1
765	ok	s=17,m=11	0.32	-5.304e+04	0.32	-5.304e+04	4	229.1	16.2	0.19	1.00	0.0	1,1
766	ok	s=17,m=11	0.33	-5.360e+04	0.33	-5.360e+04	4	229.1	16.2	0.19	1.00	0.0	1,1
767	ok	s=18,m=11	0.45	4.909e+04			2	220.2	23.2	0.27	0.98	0.0	1,0
768	ok	s=18,m=11	0.48	5.331e+04			2	220.2	23.2	0.27	0.98	0.0	1,0
769	ok	s=19,m=11	0.03	-1958.6	0.03	-1958.6	1	246.2	36.9	0.42	0.95	0.0	1,1
770	ok	s=19,m=11	0.03	-2062.8	0.03	-2062.8	1	246.2	36.9	0.42	0.95	0.0	1,1
771	ok	s=17,m=11	0.07	-1.188e+04	0.07	-1.188e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
772	ok	s=17,m=11	0.05	-8570.4	0.05	-8570.4	4	215.7	15.2	0.18	1.00	0.0	38,38
773	ok	s=16,m=11	0.08	8350.6	4.94e-03	-530.8	2	256.5	27.1	0.31	0.97	0.0	13,12
774	ok	s=16,m=11	0.10	1.101e+04	0.02	-2268.3	2	256.5	27.1	0.31	0.97	0.0	11,14
775	ok	s=16,m=11	0.07	7806.2	3.46e-03	-372.1	2	256.5	27.1	0.31	0.97	0.0	22,19
776	ok	s=16,m=11	0.10	1.141e+04	0.02	-1731.8	2	256.5	27.1	0.31	0.97	0.0	1,21
777	ok	s=20,m=11	0.12	6586.3			1	290.9	61.0	0.70	0.85	0.0	1,0
778	ok	s=20,m=11	0.12	6723.2			1	290.9	61.0	0.70	0.85	0.0	1,0
779	ok	s=19,m=11	0.08	6026.5			1	207.4	31.1	0.36	0.96	0.0	1,0
780	ok	s=19,m=11	0.08	5912.2			1	207.4	31.1	0.36	0.96	0.0	1,0
781	ok	s=20,m=11	0.41	2.245e+04			1	344.7	72.3	0.83	0.78	0.0	1,0
782	ok	s=20,m=11	0.40	2.217e+04			1	344.7	72.3	0.83	0.78	0.0	1,0
783	ok	s=19,m=11	0.01	-864.8	0.01	-864.8	1	212.5	31.8	0.37	0.96	0.0	12,12
784	ok	s=19,m=11	0.01	-809.2	0.01	-809.2	1	212.5	31.8	0.37	0.96	0.0	19,19
785	ok	s=20,m=11	0.33	1.818e+04			1	241.7	50.7	0.58	0.90	0.0	1,0
786	ok	s=20,m=11	0.33	1.816e+04			1	241.7	50.7	0.58	0.90	0.0	1,0
787	ok	s=18,m=11	0.61	6.683e+04			2	220.2	23.2	0.27	0.98	0.0	1,0
788	ok	s=18,m=11	0.66	7.294e+04			2	220.2	23.2	0.27	0.98	0.0	1,0
789	ok	s=19,m=11	0.10	-7745.9	0.10	-7745.9	1	188.7	28.3	0.33	0.97	0.0	1,1
790	ok	s=19,m=11	0.10	-7832.5	0.10	-7832.5	1	188.7	28.3	0.33	0.97	0.0	1,1
791	ok	s=12,m=11	0.09	7780.7			2	224.9	29.7	0.34	0.97	0.0	1,0
792	ok	s=12,m=11	0.13	-1.183e+04	0.14	-1.183e+04	2	224.9	29.7	0.34	0.97	0.0	1,1
793	ok	s=12,m=11	0.10	8370.2			2	224.9	29.7	0.34	0.97	0.0	1,0
794	ok	s=12,m=11	0.14	-1.236e+04	0.15	-1.236e+04	2	224.9	29.7	0.34	0.97	0.0	1,1
795	ok	s=19,m=11	0.10	-7583.3	0.10	-7583.3	1	188.7	28.3	0.33	0.97	0.0	1,1
796	ok	s=3,m=11	0.12	1.021e+04			2	160.0	21.1	0.24	0.99	0.0	1,0
797	ok	s=3,m=11	0.09	7662.0	0.05	-4507.0	2	160.0	21.1	0.24	0.99	0.0	21,20
798	ok	s=19,m=11	0.10	-7516.6	0.10	-7516.6	1	188.7	28.3	0.33	0.97	0.0	1,1
799	ok	s=8,m=11	0.04	-4904.7	0.05	-4904.7	2	226.9	23.9	0.28	0.98	0.0	1,1
800	ok	s=8,m=11	0.02	-2302.7	0.02	-2302.7	2	226.9	23.9	0.28	0.98	0.0	11,11
801	ok	s=8,m=11	0.04	-4467.2	0.04	-4467.2	2	226.9	23.9	0.28	0.98	0.0	22,22
802	ok	s=8,m=11	0.02	-2369.5	0.02	-2369.5	2	226.9	23.9	0.28	0.98	0.0	20,20
803	ok	s=7,m=11	0.25	3.229e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
804	ok	s=7,m=11	0.17	2.179e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
805	ok	s=15,m=11	0.09	-1.274e+04	0.09	-1.274e+04	2	160.0	14.2	0.16	1.00	0.0	1,1
806	ok	s=15,m=11	0.09	-1.278e+04	0.09	-1.278e+04	2	160.0	14.2	0.16	1.00	0.0	1,1
807	ok	s=7,m=11	0.25	3.227e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
808	ok	s=7,m=11	0.17	2.165e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
809	ok	s=17,m=11	0.05	-8396.2	0.05	-8396.2	4	215.7	15.2	0.18	1.00	0.0	33,33
810	ok	s=17,m=11	0.06	-9600.2	0.06	-9600.2	4	215.7	15.2	0.18	1.00	0.0	34,34
811	ok	s=20,m=11	0.22	1.223e+04			1	290.9	61.0	0.70	0.85	0.0	1,0
812	ok	s=20,m=11	0.22	1.236e+04			1	290.9	61.0	0.70	0.85	0.0	1,0
813	ok	s=18,m=11	0.74	8.212e+04			2	220.2	23.2	0.27	0.98	0.0	1,0
814	ok	s=18,m=11	0.81	8.964e+04			2	220.2	23.2	0.27	0.98	0.0	1,0
815	ok	s=20,m=11	0.37	-2.061e+04	0.45	-2.061e+04	1	302.9	63.6	0.73	0.83	0.0	1,1
816	ok	s=20,m=11	0.24	1.308e+04			1	299.5	62.9	0.72	0.84	0.0	1,0
817	ok	s=20,m=11	0.36	-1.985e+04	0.43	-1.985e+04	1	302.9	63.6	0.73	0.83	0.0	1,1
818	ok	s=20,m=11	0.23	1.293e+04			1	299.5	62.9	0.72	0.84	0.0	1,0
819	ok	s=12,m=11	0.04	-3250.0	0.04	-3250.0	2	259.0	34.2	0.39	0.95	0.0	32,32

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
820	ok	s=12,m=11	0.04	-3544.0	0.04	-3544.0	2	259.0	34.2	0.39	0.95	0.0	1,1
821	ok	s=12,m=11	0.03	-3034.4	0.04	-3034.4	2	259.0	34.2	0.39	0.95	0.0	1,1
822	ok	s=12,m=11	0.04	-3243.9	0.04	-3243.9	2	259.0	34.2	0.39	0.95	0.0	35,35
823	ok	s=17,m=11	0.10	-1.593e+04	0.10	-1.593e+04	4	229.5	16.2	0.19	1.00	0.0	19,19
824	ok	s=17,m=11	0.07	-1.083e+04	0.07	-1.083e+04	4	229.5	16.2	0.19	1.00	0.0	12,12
825	ok	s=20,m=11	0.03	-1491.5	0.04	-1491.5	1	381.8	80.1	0.92	0.72	0.0	21,21
826	ok	s=20,m=11	0.02	-1276.0	0.03	-1276.0	1	381.8	80.1	0.92	0.72	0.0	14,14
827	ok	s=16,m=11	0.10	1.140e+04			2	256.3	27.0	0.31	0.97	0.0	1,0
828	ok	s=16,m=11	0.08	9351.3			2	256.3	27.0	0.31	0.97	0.0	1,0
829	ok	s=16,m=11	0.11	1.195e+04			2	256.3	27.0	0.31	0.97	0.0	1,0
830	ok	s=16,m=11	0.08	8791.7			2	256.3	27.0	0.31	0.97	0.0	1,0
831	ok	s=19,m=11	0.22	-1.722e+04	0.23	-1.722e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
832	ok	s=19,m=11	0.22	-1.681e+04	0.22	-1.681e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
833	ok	s=19,m=11	0.15	-1.137e+04	0.15	-1.137e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
834	ok	s=19,m=11	0.15	-1.139e+04	0.15	-1.139e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
835	ok	s=15,m=11	0.21	3.017e+04			2	204.0	18.1	0.21	1.00	0.0	1,0
836	ok	s=15,m=11	0.09	1.301e+04	0.02	-3656.1	2	204.0	18.1	0.21	1.00	0.0	20,21
837	ok	s=25,m=11	0.23	1.480e+04			1	318.6	58.5	0.67	0.86	0.0	1,0
838	ok	s=15,m=11	0.21	3.032e+04			2	204.0	18.1	0.21	1.00	0.0	1,0
839	ok	s=15,m=11	0.08	1.148e+04	0.01	-2151.2	2	204.0	18.1	0.21	1.00	0.0	11,14
840	ok	s=25,m=11	0.30	1.882e+04			1	318.6	58.5	0.67	0.86	0.0	1,0
841	ok	s=19,m=11	0.10	-7553.0	0.10	-7553.0	1	210.2	31.5	0.36	0.96	0.0	1,1
842	ok	s=19,m=11	0.10	-7415.1	0.10	-7415.1	1	210.2	31.5	0.36	0.96	0.0	1,1
843	ok	s=20,m=11	0.12	-6786.3	0.13	-6786.3	1	211.9	44.5	0.51	0.92	0.0	1,1
844	ok	s=20,m=11	0.12	-6473.2	0.13	-6473.2	1	211.9	44.5	0.51	0.92	0.0	1,1
845	ok	s=18,m=11	0.68	7.445e+04			2	220.2	23.2	0.27	0.98	0.0	1,0
846	ok	s=18,m=11	0.73	8.053e+04			2	220.2	23.2	0.27	0.98	0.0	1,0
847	ok	s=17,m=11	0.05	-8694.2	0.05	-8694.2	4	215.7	15.2	0.18	1.00	0.0	37,37
848	ok	s=17,m=11	0.09	-1.502e+04	0.09	-1.502e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
849	ok	s=20,m=11	0.32	1.781e+04			1	290.9	61.0	0.70	0.85	0.0	1,0
850	ok	s=20,m=11	0.32	1.785e+04			1	290.9	61.0	0.70	0.85	0.0	1,0
851	ok	s=7,m=11	0.07	9033.7			3	160.0	14.2	0.16	1.00	0.0	1,0
852	ok	s=15,m=11	0.09	-1.327e+04	0.09	-1.327e+04	2	160.0	14.2	0.16	1.00	0.0	1,1
853	ok	s=15,m=11	0.09	-1.329e+04	0.09	-1.329e+04	2	160.0	14.2	0.16	1.00	0.0	1,1
854	ok	s=7,m=11	0.07	9091.1			3	160.0	14.2	0.16	1.00	0.0	1,0
855	ok	s=20,m=11	0.12	6753.1			1	299.5	62.9	0.72	0.84	0.0	1,0
856	ok	s=20,m=11	0.35	-1.959e+04	0.42	-1.959e+04	1	302.9	63.6	0.73	0.83	0.0	1,1
857	ok	s=20,m=11	0.12	6815.3			1	299.5	62.9	0.72	0.84	0.0	1,0
858	ok	s=20,m=11	0.34	-1.905e+04	0.41	-1.905e+04	1	302.9	63.6	0.73	0.83	0.0	1,1
859	ok	s=20,m=11	0.06	3356.9	0.05	-1798.6	1	382.1	80.2	0.92	0.72	0.0	1,20
860	ok	s=20,m=11	0.06	3520.1	0.04	-1602.3	1	382.1	80.2	0.92	0.72	0.0	1,11
861	ok	s=16,m=11	0.10	1.076e+04			2	256.1	27.0	0.31	0.97	0.0	1,0
862	ok	s=16,m=11	0.09	1.013e+04			2	256.1	27.0	0.31	0.97	0.0	1,0
863	ok	s=16,m=11	0.09	9554.5			2	256.1	27.0	0.31	0.97	0.0	1,0
864	ok	s=16,m=11	0.10	1.134e+04			2	256.1	27.0	0.31	0.97	0.0	1,0
865	ok	s=17,m=11	0.26	-4.341e+04	0.26	-4.341e+04	4	229.1	16.2	0.19	1.00	0.0	1,1
866	ok	s=17,m=11	0.27	-4.381e+04	0.27	-4.381e+04	4	229.1	16.2	0.19	1.00	0.0	1,1
867	ok	s=18,m=11	0.53	5.859e+04			2	220.2	23.2	0.27	0.98	0.0	1,0
868	ok	s=18,m=11	0.57	6.326e+04			2	220.2	23.2	0.27	0.98	0.0	1,0
869	ok	s=15,m=11	0.09	-1.356e+04	0.09	-1.356e+04	2	160.0	14.2	0.16	1.00	0.0	1,1
870	ok	s=19,m=11	0.19	-1.511e+04	0.20	-1.511e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
871	ok	s=19,m=11	0.19	-1.511e+04	0.20	-1.511e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
872	ok	s=17,m=11	0.22	-3.621e+04	0.22	-3.621e+04	4	221.3	15.6	0.18	1.00	0.0	1,1
873	ok	s=17,m=11	0.22	-3.639e+04	0.22	-3.639e+04	4	221.3	15.6	0.18	1.00	0.0	1,1
874	ok	s=20,m=11	0.07	-3965.7	0.10	-3965.7	1	373.3	78.3	0.90	0.73	0.0	1,1
875	ok	s=20,m=11	0.07	-3957.7	0.10	-3957.7	1	373.3	78.3	0.90	0.73	0.0	1,1
876	ok	s=19,m=11	0.08	-6433.9	0.09	-6433.9	1	210.2	31.5	0.36	0.96	0.0	1,1
877	ok	s=19,m=11	0.08	-6292.8	0.08	-6292.8	1	210.2	31.5	0.36	0.96	0.0	1,1
878	ok	s=12,m=11	0.55	-4.875e+04	0.60	-4.875e+04	2	323.6	42.7	0.49	0.93	0.0	1,1
879	ok	s=12,m=11	0.59	-5.174e+04	0.63	-5.174e+04	2	323.6	42.7	0.49	0.93	0.0	1,1
880	ok	s=12,m=11	0.57	-4.987e+04	0.61	-4.987e+04	2	323.6	42.7	0.49	0.93	0.0	1,1
881	ok	s=12,m=11	0.62	-5.493e+04	0.67	-5.493e+04	2	323.6	42.7	0.49	0.93	0.0	1,1
882	ok	s=20,m=11	0.57	3.134e+04			1	344.7	72.3	0.83	0.78	0.0	1,0
883	ok	s=20,m=11	0.55	3.058e+04			1	344.7	72.3	0.83	0.78	0.0	1,0
884	ok	s=20,m=11	0.02	-1294.7	0.03	-1294.7	1	220.6	46.3	0.53	0.91	0.0	17,17
885	ok	s=20,m=11	0.02	-1137.9	0.02	-1137.9	1	220.6	46.3	0.53	0.91	0.0	10,10
886	ok	s=17,m=11	0.07	-1.200e+04	0.07	-1.200e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
887	ok	s=17,m=11	0.08	-1.380e+04	0.08	-1.380e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
888	ok	s=20,m=11	0.42	2.352e+04			1	290.9	61.0	0.70	0.85	0.0	1,0
889	ok	s=20,m=11	0.42	2.351e+04			1	290.9	61.0	0.70	0.85	0.0	1,0
890	ok	s=19,m=11	0.08	6268.2			1	206.3	30.9	0.36	0.96	0.0	1,0
891	ok	s=19,m=11	0.08	6060.6			1	206.3	30.9	0.36	0.96	0.0	1,0
892	ok	s=18,m=11	0.31	3.403e+04			2	220.2	23.2	0.27	0.98	0.0	1,0

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
893	ok	s=18,m=11	0.34	3.735e+04			2	220.2	23.2	0.27	0.98	0.0	1,0
894	ok	s=20,m=11	0.31	-1.717e+04	0.37	-1.717e+04	1	302.9	63.6	0.73	0.83	0.0	1,1
895	ok	s=20,m=11	0.04	2454.7	6.24e-03	-288.9	1	299.5	62.9	0.72	0.84	0.0	1,31
896	ok	s=20,m=11	0.30	-1.662e+04	0.36	-1.662e+04	1	302.9	63.6	0.73	0.83	0.0	1,1
897	ok	s=20,m=11	0.04	2072.3	7.21e-03	-334.3	1	299.5	62.9	0.72	0.84	0.0	1,36
898	ok	s=17,m=11	0.09	1.437e+04	0.04	-6305.6	4	221.9	15.7	0.18	1.00	0.0	12,13
899	ok	s=20,m=11	0.21	1.148e+04			1	278.6	58.5	0.67	0.86	0.0	1,0
900	ok	s=20,m=11	0.21	1.138e+04			1	278.6	58.5	0.67	0.86	0.0	1,0
901	ok	s=17,m=11	0.09	1.420e+04	0.04	-6116.9	4	221.9	15.7	0.18	1.00	0.0	15,18
902	ok	s=19,m=11	0.03	-2650.6	0.04	-2650.6	1	210.2	31.5	0.36	0.96	0.0	1,1
903	ok	s=19,m=11	0.06	-4403.6	0.06	-4403.6	1	210.2	31.5	0.36	0.96	0.0	1,1
904	ok	s=16,m=11	0.76	-8.348e+04	0.79	-8.348e+04	2	309.5	32.7	0.38	0.96	0.0	1,1
905	ok	s=16,m=11	0.33	-3.667e+04	0.35	-3.667e+04	2	309.5	32.7	0.38	0.96	0.0	1,1
906	ok	s=16,m=11	0.76	-8.421e+04	0.80	-8.421e+04	2	309.5	32.7	0.38	0.96	0.0	1,1
907	ok	s=16,m=11	0.34	-3.800e+04	0.36	-3.800e+04	2	309.5	32.7	0.38	0.96	0.0	1,1
908	ok	s=11,m=11	0.04	3117.8	6.48e-03	-565.3	2	160.0	21.1	0.24	0.99	0.0	38,35
909	ok	s=11,m=11	0.03	3022.0	7.38e-03	-643.4	2	160.0	21.1	0.24	0.99	0.0	33,32
910	ok	s=17,m=11	0.11	-1.861e+04	0.11	-1.861e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
911	ok	s=17,m=11	0.12	-1.970e+04	0.12	-1.970e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
912	ok	s=18,m=11	0.21	2.317e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
913	ok	s=18,m=11	0.21	2.326e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
914	ok	s=4,m=11	0.08	1.023e+04	0.08	-9987.9	2	261.2	27.6	0.32	0.97	0.0	13,12
915	ok	s=4,m=11	0.08	-9746.1	0.08	-9746.1	2	261.2	27.6	0.32	0.97	0.0	14,14
916	ok	s=4,m=11	0.13	-1.652e+04	0.14	-1.652e+04	2	261.2	27.6	0.32	0.97	0.0	1,1
917	ok	s=4,m=11	0.11	1.327e+04	5.87e-03	-704.2	2	261.2	27.6	0.32	0.97	0.0	1,19
918	ok	s=20,m=11	0.06	-3433.1	0.07	-3433.1	1	299.5	62.9	0.72	0.84	0.0	1,1
919	ok	s=20,m=11	0.21	-1.190e+04	0.26	-1.190e+04	1	302.9	63.6	0.73	0.83	0.0	1,1
920	ok	s=20,m=11	0.04	-2264.9	0.05	-2264.9	1	299.5	62.9	0.72	0.84	0.0	1,1
921	ok	s=20,m=11	0.24	-1.322e+04	0.29	-1.322e+04	1	302.9	63.6	0.73	0.83	0.0	1,1
922	ok	s=21,m=11	0.12	-1.575e+04	0.15	-1.575e+04	3	757.4	67.2	0.77	0.81	0.0	1,1
923	ok	s=21,m=11	0.13	-1.652e+04	0.16	-1.652e+04	3	757.4	67.2	0.77	0.81	0.0	1,1
924	ok	s=20,m=11	0.06	3492.0	0.03	-1302.6	1	381.0	80.0	0.92	0.72	0.0	20,21
925	ok	s=20,m=11	0.05	2912.7	0.02	-887.0	1	381.0	80.0	0.92	0.72	0.0	11,14
926	ok	s=8,m=11	0.53	-5.873e+04	0.56	-5.873e+04	2	328.6	34.7	0.40	0.95	0.0	1,1
927	ok	s=8,m=11	0.39	-4.322e+04	0.41	-4.322e+04	2	328.6	34.7	0.40	0.95	0.0	1,1
928	ok	s=8,m=11	0.53	-5.874e+04	0.56	-5.874e+04	2	328.6	34.7	0.40	0.95	0.0	1,1
929	ok	s=8,m=11	0.40	-4.358e+04	0.41	-4.358e+04	2	328.6	34.7	0.40	0.95	0.0	1,1
930	ok	s=19,m=11	0.02	-1692.7	0.02	-1692.7	1	210.2	31.5	0.36	0.96	0.0	32,32
931	ok	s=19,m=11	0.03	-2473.5	0.03	-2473.5	1	210.2	31.5	0.36	0.96	0.0	1,1
932	ok	s=17,m=11	0.17	-2.725e+04	0.17	-2.725e+04	4	229.5	16.2	0.19	1.00	0.0	19,19
933	ok	s=17,m=11	0.12	-1.921e+04	0.12	-1.921e+04	4	229.5	16.2	0.19	1.00	0.0	12,12
934	ok	s=20,m=11	0.19	-1.064e+04	0.21	-1.064e+04	1	211.4	44.4	0.51	0.92	0.0	1,1
935	ok	s=20,m=11	0.18	-1.013e+04	0.20	-1.013e+04	1	211.4	44.4	0.51	0.92	0.0	1,1
936	ok	s=19,m=11	0.08	-6337.5	0.09	-6337.5	1	243.0	36.4	0.42	0.95	0.0	1,1
937	ok	s=19,m=11	0.08	-6442.6	0.09	-6442.6	1	243.0	36.4	0.42	0.95	0.0	1,1
938	ok	s=11,m=11	0.14	1.214e+04			2	80.0	10.6	0.12	1.00	0.0	1,0
939	ok	s=11,m=11	0.14	1.244e+04			2	80.0	10.6	0.12	1.00	0.0	1,0
940	ok	s=17,m=11	0.18	-2.897e+04	0.18	-2.897e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
941	ok	s=17,m=11	0.18	-2.902e+04	0.18	-2.902e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
942	ok	s=8,m=11	0.05	-5245.1	0.05	-5245.1	2	260.2	27.5	0.32	0.97	0.0	34,34
943	ok	s=8,m=11	0.06	-6255.6	0.06	-6255.6	2	260.2	27.5	0.32	0.97	0.0	1,1
944	ok	s=8,m=11	0.06	-6212.2	0.06	-6212.2	2	260.2	27.5	0.32	0.97	0.0	1,1
945	ok	s=8,m=11	0.05	-5293.6	0.05	-5293.6	2	260.2	27.5	0.32	0.97	0.0	37,37
946	ok	s=17,m=11	0.23	-3.858e+04	0.23	-3.858e+04	4	229.1	16.2	0.19	1.00	0.0	1,1
947	ok	s=17,m=11	0.24	-3.923e+04	0.24	-3.923e+04	4	229.1	16.2	0.19	1.00	0.0	1,1
948	ok	s=20,m=11	0.11	-5908.8	0.13	-5908.8	1	302.9	63.6	0.73	0.83	0.0	1,1
949	ok	s=20,m=11	0.16	-8938.8	0.19	-8938.8	1	299.5	62.9	0.72	0.84	0.0	1,1
950	ok	s=20,m=11	0.15	-8509.0	0.18	-8509.0	1	302.9	63.6	0.73	0.83	0.0	1,1
951	ok	s=20,m=11	0.11	-6126.9	0.13	-6126.9	1	299.5	62.9	0.72	0.84	0.0	1,1
952	ok	s=19,m=11	0.03	2130.7	8.79e-03	-656.2	1	211.4	31.7	0.36	0.96	0.0	21,20
953	ok	s=19,m=11	0.03	2042.0	7.62e-03	-568.9	1	211.4	31.7	0.36	0.96	0.0	14,11
954	ok	s=21,m=11	0.13	-1.695e+04	0.15	-1.695e+04	3	679.0	60.2	0.69	0.85	0.0	1,1
955	ok	s=21,m=11	0.13	-1.726e+04	0.15	-1.726e+04	3	679.0	60.2	0.69	0.85	0.0	1,1
956	ok	s=17,m=11	0.04	-5892.2	0.04	-5892.2	4	215.7	15.2	0.18	1.00	0.0	21,21
957	ok	s=17,m=11	0.03	4986.5	0.03	-4975.0	4	215.7	15.2	0.18	1.00	0.0	11,14
958	ok	s=7,m=11	0.09	-1.164e+04	0.09	-1.164e+04	3	80.0	7.1	0.08	1.00	0.0	1,1
959	ok	s=7,m=11	0.09	-1.129e+04	0.09	-1.129e+04	3	80.0	7.1	0.08	1.00	0.0	1,1
960	ok	s=18,m=11	0.27	3.031e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
961	ok	s=18,m=11	0.28	3.038e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
962	ok	s=19,m=11	0.03	-2659.1	0.04	-2659.1	1	210.2	31.5	0.36	0.96	0.0	1,1
963	ok	s=19,m=11	0.02	1650.1	0.01	-974.0	1	210.2	31.5	0.36	0.96	0.0	36,37
964	ok	s=18,m=11	0.38	4.190e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
965	ok	s=18,m=11	0.38	4.201e+04			2	216.0	22.8	0.26	0.99	0.0	1,0

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
966	ok	s=15,m=11	0.30	4.367e+04			2	204.0	18.1	0.21	1.00	0.0	1,0
967	ok	s=15,m=11	0.16	2.319e+04			2	204.0	18.1	0.21	1.00	0.0	1,0
968	ok	s=25,m=11	0.06	3872.5			1	347.4	63.8	0.73	0.83	0.0	1,0
969	ok	s=15,m=11	0.30	4.344e+04			2	204.0	18.1	0.21	1.00	0.0	1,0
970	ok	s=15,m=11	0.16	2.411e+04			2	204.0	18.1	0.21	1.00	0.0	1,0
971	ok	s=25,m=11	0.07	4396.2	0.06	-3174.6	1	347.4	63.8	0.73	0.83	0.0	20,21
972	ok	s=19,m=11	0.12	-9433.3	0.13	-9433.3	1	188.7	28.3	0.33	0.97	0.0	1,1
973	ok	s=11,m=11	0.26	2.286e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
974	ok	s=11,m=11	0.28	2.489e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
975	ok	s=11,m=11	0.27	2.347e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
976	ok	s=11,m=11	0.29	2.564e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
977	ok	s=19,m=11	0.12	-9366.8	0.12	-9366.8	1	188.7	28.3	0.33	0.97	0.0	1,1
978	ok	s=12,m=11	0.02	-2172.0	0.03	-2172.0	2	258.2	34.1	0.39	0.95	0.0	26,26
979	ok	s=12,m=11	0.03	-2416.9	0.03	-2416.9	2	258.2	34.1	0.39	0.95	0.0	32,32
980	ok	s=12,m=11	0.03	-2417.2	0.03	-2417.2	2	258.2	34.1	0.39	0.95	0.0	35,35
981	ok	s=12,m=11	0.02	-2074.7	0.02	-2074.7	2	258.2	34.1	0.39	0.95	0.0	29,29
982	ok	s=19,m=11	0.10	7401.0	5.59e-03	-418.4	1	205.3	30.8	0.35	0.96	0.0	1,21
983	ok	s=19,m=11	0.09	7140.2			1	205.3	30.8	0.35	0.96	0.0	1,0
984	ok	s=20,m=11	0.23	-1.299e+04	0.28	-1.299e+04	1	299.5	62.9	0.72	0.84	0.0	1,1
985	ok	s=20,m=11	0.04	-2438.6	0.05	-2438.6	1	302.9	63.6	0.73	0.83	0.0	1,1
986	ok	s=20,m=11	0.26	-1.416e+04	0.31	-1.416e+04	1	299.5	62.9	0.72	0.84	0.0	1,1
987	ok	s=20,m=11	0.03	-1636.3	0.04	-1636.3	1	302.9	63.6	0.73	0.83	0.0	22,22
988	ok	s=17,m=11	0.20	-3.231e+04	0.20	-3.231e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
989	ok	s=17,m=11	0.19	-3.137e+04	0.19	-3.137e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
990	ok	s=21,m=11	0.12	-1.568e+04	0.14	-1.568e+04	3	601.6	53.3	0.61	0.88	0.0	1,1
991	ok	s=21,m=11	0.12	-1.589e+04	0.14	-1.589e+04	3	601.6	53.3	0.61	0.88	0.0	1,1
992	ok	s=18,m=11	0.48	5.331e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
993	ok	s=18,m=11	0.48	5.338e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
994	ok	s=19,m=11	0.06	-4528.2	0.06	-4528.2	1	210.2	31.5	0.36	0.96	0.0	1,1
995	ok	s=19,m=11	0.05	-4113.9	0.06	-4113.9	1	210.2	31.5	0.36	0.96	0.0	1,1
996	ok	s=20,m=11	0.29	1.631e+04	0.01	-618.0	1	253.9	53.3	0.61	0.88	0.0	1,16
997	ok	s=20,m=11	0.32	1.757e+04			1	253.9	53.3	0.61	0.88	0.0	1,0
998	ok	s=19,m=11	0.13	-1.026e+04	0.13	-1.026e+04	1	160.7	24.1	0.28	0.98	0.0	1,1
999	ok	s=19,m=11	0.14	-1.107e+04	0.15	-1.107e+04	1	160.7	24.1	0.28	0.98	0.0	1,1
1000	ok	s=20,m=11	0.03	1789.2	7.10e-03	-327.6	1	302.9	63.6	0.73	0.83	0.0	1,33
1001	ok	s=20,m=11	0.30	-1.650e+04	0.36	-1.650e+04	1	299.5	62.9	0.72	0.84	0.0	1,1
1002	ok	s=20,m=11	0.19	1.028e+04			1	379.8	79.7	0.92	0.72	0.0	1,0
1003	ok	s=20,m=11	0.19	1.045e+04			1	379.8	79.7	0.92	0.72	0.0	1,0
1004	ok	s=20,m=11	0.05	2572.2	1.83e-03	-84.3	1	302.9	63.6	0.73	0.83	0.0	1,38
1005	ok	s=20,m=11	0.33	-1.811e+04	0.39	-1.811e+04	1	299.5	62.9	0.72	0.84	0.0	1,1
1006	ok	s=20,m=11	0.29	1.580e+04			1	253.2	53.1	0.61	0.89	0.0	1,0
1007	ok	s=20,m=11	0.30	1.675e+04			1	253.2	53.1	0.61	0.89	0.0	1,0
1008	ok	s=17,m=11	0.28	-4.606e+04	0.28	-4.606e+04	4	221.3	15.6	0.18	1.00	0.0	1,1
1009	ok	s=17,m=11	0.28	-4.612e+04	0.28	-4.612e+04	4	221.3	15.6	0.18	1.00	0.0	1,1
1010	ok	s=17,m=11	0.34	-5.607e+04	0.34	-5.607e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1011	ok	s=17,m=11	0.33	-5.440e+04	0.33	-5.440e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1012	ok	s=3,m=11	0.04	3269.8			2	160.0	21.1	0.24	0.99	0.0	1,0
1013	ok	s=3,m=11	0.09	8239.9			2	160.0	21.1	0.24	0.99	0.0	1,0
1014	ok	s=18,m=11	0.50	5.536e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
1015	ok	s=18,m=11	0.50	5.545e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
1016	ok	s=20,m=11	0.13	7457.1	0.03	-1301.9	1	380.3	79.8	0.92	0.72	0.0	1,21
1017	ok	s=20,m=11	0.13	7014.4	0.01	-408.0	1	380.3	79.8	0.92	0.72	0.0	1,14
1018	ok	s=19,m=11	0.13	-9862.4	0.13	-9862.4	1	159.6	23.9	0.28	0.98	0.0	1,1
1019	ok	s=19,m=11	0.13	-1.047e+04	0.14	-1.047e+04	1	159.6	23.9	0.28	0.98	0.0	1,1
1020	ok	s=21,m=11	0.15	-1.972e+04	0.16	-1.972e+04	3	525.7	46.6	0.54	0.91	0.0	1,1
1021	ok	s=16,m=11	0.52	-5.735e+04	0.54	-5.735e+04	2	304.7	32.2	0.37	0.96	0.0	1,1
1022	ok	s=16,m=11	0.31	-3.375e+04	0.32	-3.375e+04	2	304.7	32.2	0.37	0.96	0.0	1,1
1023	ok	s=16,m=11	0.52	-5.685e+04	0.54	-5.685e+04	2	304.7	32.2	0.37	0.96	0.0	1,1
1024	ok	s=16,m=11	0.32	-3.479e+04	0.33	-3.479e+04	2	304.7	32.2	0.37	0.96	0.0	1,1
1025	ok	s=21,m=11	0.16	-2.035e+04	0.17	-2.035e+04	3	525.7	46.6	0.54	0.91	0.0	1,1
1026	ok	s=20,m=11	0.03	-1625.5	0.04	-1625.5	1	372.4	78.1	0.90	0.73	0.0	1,1
1027	ok	s=20,m=11	0.03	-1629.9	0.04	-1629.9	1	372.4	78.1	0.90	0.73	0.0	1,1
1028	ok	s=18,m=11	0.62	6.884e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1029	ok	s=18,m=11	0.62	6.888e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1030	ok	s=19,m=11	0.08	-5971.6	0.08	-5971.6	1	210.2	31.5	0.36	0.96	0.0	1,1
1031	ok	s=19,m=11	0.10	-7397.0	0.10	-7397.0	1	210.2	31.5	0.36	0.96	0.0	1,1
1032	ok	s=20,m=11	0.28	-1.567e+04	0.31	-1.567e+04	1	210.9	44.3	0.51	0.92	0.0	1,1
1033	ok	s=20,m=11	0.26	-1.467e+04	0.29	-1.467e+04	1	210.9	44.3	0.51	0.92	0.0	1,1
1034	ok	s=17,m=11	0.15	-2.518e+04	0.15	-2.518e+04	4	229.1	16.2	0.19	1.00	0.0	1,1
1035	ok	s=17,m=11	0.16	-2.640e+04	0.16	-2.640e+04	4	229.1	16.2	0.19	1.00	0.0	1,1
1036	ok	s=20,m=11	0.07	-3747.7	0.07	-3747.7	1	220.1	46.2	0.53	0.91	0.0	1,1
1037	ok	s=20,m=11	0.07	-3729.5	0.07	-3729.5	1	220.1	46.2	0.53	0.91	0.0	1,1
1038	ok	s=20,m=11	0.24	1.347e+04			1	252.5	53.0	0.61	0.89	0.0	1,0

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
1039	ok	s=20,m=11	0.26	1.431e+04			1	252.5	53.0	0.61	0.89	0.0	1,0
1040	ok	s=7,m=11	0.05	6051.2	5.93e-03	-777.6	3	160.0	14.2	0.16	1.00	0.0	1,37
1041	ok	s=7,m=11	0.05	6085.8	5.85e-03	-767.3	3	160.0	14.2	0.16	1.00	0.0	1,34
1042	ok	s=17,m=11	0.28	-4.550e+04	0.28	-4.550e+04	4	229.5	16.2	0.19	1.00	0.0	20,20
1043	ok	s=17,m=11	0.20	-3.269e+04	0.20	-3.269e+04	4	229.5	16.2	0.19	1.00	0.0	11,11
1044	ok	s=19,m=11	0.11	-8353.4	0.11	-8353.4	1	158.5	23.7	0.27	0.98	0.0	1,1
1045	ok	s=19,m=11	0.11	-8881.6	0.12	-8881.6	1	158.5	23.7	0.27	0.98	0.0	1,1
1046	ok	s=18,m=11	0.28	3.129e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
1047	ok	s=18,m=11	0.28	3.134e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
1048	ok	s=20,m=11	0.35	-1.931e+04	0.42	-1.931e+04	1	299.5	62.9	0.72	0.84	0.0	1,1
1049	ok	s=20,m=11	0.13	7043.9			1	302.9	63.6	0.73	0.83	0.0	1,0
1050	ok	s=11,m=11	0.03	2272.6	0.01	-938.0	2	160.0	21.1	0.24	0.99	0.0	32,33
1051	ok	s=11,m=11	0.03	2205.8	0.01	-1006.1	2	160.0	21.1	0.24	0.99	0.0	35,38
1052	ok	s=20,m=11	0.35	-1.939e+04	0.42	-1.939e+04	1	299.5	62.9	0.72	0.84	0.0	1,1
1053	ok	s=20,m=11	0.12	6407.8			1	302.9	63.6	0.73	0.83	0.0	1,0
1054	ok	s=17,m=11	0.42	-6.962e+04	0.42	-6.962e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1055	ok	s=17,m=11	0.42	-6.838e+04	0.42	-6.838e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1056	ok	s=7,m=11	0.28	3.672e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
1057	ok	s=7,m=11	0.20	2.593e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
1058	ok	s=7,m=11	0.28	3.672e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
1059	ok	s=7,m=11	0.20	2.617e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
1060	ok	s=20,m=11	0.18	1.002e+04			1	251.8	52.8	0.61	0.89	0.0	1,0
1061	ok	s=20,m=11	0.20	1.082e+04			1	251.8	52.8	0.61	0.89	0.0	1,0
1062	ok	s=17,m=11	0.11	1.817e+04	0.06	-9681.7	4	221.9	15.7	0.18	1.00	0.0	20,21
1063	ok	s=20,m=11	0.26	1.426e+04			1	278.6	58.5	0.67	0.86	0.0	1,0
1064	ok	s=12,m=11	0.05	-4644.2	0.05	-4644.2	2	223.0	29.4	0.34	0.97	0.0	21,21
1065	ok	s=12,m=11	0.09	-8201.5	0.10	-8201.5	2	223.0	29.4	0.34	0.97	0.0	1,1
1066	ok	s=20,m=11	0.26	1.416e+04			1	278.6	58.5	0.67	0.86	0.0	1,0
1067	ok	s=12,m=11	0.05	-4166.0	0.05	-4166.0	2	223.0	29.4	0.34	0.97	0.0	14,14
1068	ok	s=12,m=11	0.10	-8411.7	0.10	-8411.7	2	223.0	29.4	0.34	0.97	0.0	1,1
1069	ok	s=17,m=11	0.11	1.760e+04	0.06	-9137.8	4	221.9	15.7	0.18	1.00	0.0	7,10
1070	ok	s=18,m=11	0.70	7.666e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1071	ok	s=18,m=11	0.70	7.672e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1072	ok	s=19,m=11	0.04	-2907.1	0.04	-2907.1	1	157.4	23.6	0.27	0.98	0.0	1,1
1073	ok	s=19,m=11	0.04	-2931.6	0.04	-2931.6	1	157.4	23.6	0.27	0.98	0.0	1,1
1074	ok	s=19,m=11	0.08	-5974.6	0.08	-5974.6	1	210.2	31.5	0.36	0.96	0.0	1,1
1075	ok	s=19,m=11	0.08	-6051.1	0.08	-6051.1	1	210.2	31.5	0.36	0.96	0.0	1,1
1076	ok	s=18,m=11	0.50	5.534e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
1077	ok	s=18,m=11	0.50	5.542e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
1078	ok	s=20,m=11	0.30	1.661e+04			1	302.2	63.4	0.73	0.83	0.0	1,0
1079	ok	s=20,m=11	0.33	1.817e+04			1	302.2	63.4	0.73	0.83	0.0	1,0
1080	ok	s=20,m=11	0.11	-5887.6	0.13	-5887.6	1	288.1	60.5	0.70	0.85	0.0	1,1
1081	ok	s=20,m=11	0.10	-5696.1	0.12	-5696.1	1	288.1	60.5	0.70	0.85	0.0	1,1
1082	ok	s=12,m=11	0.46	-4.038e+04	0.49	-4.038e+04	2	319.2	42.2	0.49	0.93	0.0	1,1
1083	ok	s=12,m=11	0.50	-4.415e+04	0.54	-4.415e+04	2	319.2	42.2	0.49	0.93	0.0	1,1
1084	ok	s=12,m=11	0.47	-4.123e+04	0.50	-4.123e+04	2	319.2	42.2	0.49	0.93	0.0	1,1
1085	ok	s=12,m=11	0.51	-4.481e+04	0.55	-4.481e+04	2	319.2	42.2	0.49	0.93	0.0	1,1
1086	ok	s=21,m=11	0.09	1.121e+04	0.04	-4513.9	3	412.0	36.5	0.42	0.95	0.0	22,19
1087	ok	s=21,m=11	0.08	9934.2	0.02	-2497.1	3	412.0	36.5	0.42	0.95	0.0	1,12
1088	ok	s=19,m=11	0.13	9742.1	0.03	-2011.3	1	204.5	30.6	0.35	0.96	0.0	16,17
1089	ok	s=19,m=11	0.11	8910.7	7.29e-03	-546.1	1	204.5	30.6	0.35	0.96	0.0	1,10
1090	ok	s=19,m=11	0.13	-1.030e+04	0.14	-1.030e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1091	ok	s=19,m=11	0.15	-1.128e+04	0.15	-1.128e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1092	ok	s=18,m=11	0.57	6.329e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
1093	ok	s=18,m=11	0.57	6.325e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
1094	ok	s=20,m=11	0.26	1.420e+04			1	302.9	63.6	0.73	0.83	0.0	1,0
1095	ok	s=20,m=11	0.40	-2.213e+04	0.48	-2.213e+04	1	299.5	62.9	0.72	0.84	0.0	1,1
1096	ok	s=20,m=11	0.25	1.389e+04			1	302.9	63.6	0.73	0.83	0.0	1,0
1097	ok	s=20,m=11	0.39	-2.186e+04	0.47	-2.186e+04	1	299.5	62.9	0.72	0.84	0.0	1,1
1098	ok	s=19,m=11	0.03	-2229.2	0.03	-2229.2	1	156.3	23.4	0.27	0.98	0.0	1,1
1099	ok	s=19,m=11	0.03	-2338.5	0.03	-2338.5	1	156.3	23.4	0.27	0.98	0.0	1,1
1100	ok	s=15,m=11	0.20	2.970e+04			2	204.0	18.1	0.21	1.00	0.0	1,0
1101	ok	s=15,m=11	0.15	2.148e+04			2	204.0	18.1	0.21	1.00	0.0	1,0
1102	ok	s=25,m=11	0.04	-2265.5	0.04	-2265.5	1	374.0	68.6	0.79	0.80	0.0	10,10
1103	ok	s=15,m=11	0.20	2.936e+04			2	204.0	18.1	0.21	1.00	0.0	1,0
1104	ok	s=15,m=11	0.15	2.241e+04			2	204.0	18.1	0.21	1.00	0.0	1,0
1105	ok	s=25,m=11	0.07	-4182.0	0.08	-4182.0	1	374.0	68.6	0.79	0.80	0.0	22,22
1106	ok	s=18,m=11	0.62	6.830e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
1107	ok	s=18,m=11	0.62	6.839e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
1108	ok	s=17,m=11	0.43	-7.111e+04	0.43	-7.111e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1109	ok	s=17,m=11	0.44	-7.283e+04	0.44	-7.283e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1110	ok	s=20,m=11	0.08	4388.6	0.03	-1192.2	1	287.5	60.3	0.69	0.85	0.0	1,22
1111	ok	s=20,m=11	0.08	4590.9	0.02	-1160.5	1	287.5	60.3	0.69	0.85	0.0	1,13

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
1112	ok	s=20,m=11	0.23	1.251e+04			1	302.2	63.4	0.73	0.83	0.0	1,0
1113	ok	s=20,m=11	0.25	1.409e+04			1	302.2	63.4	0.73	0.83	0.0	1,0
1114	ok	s=15,m=11	0.44	-6.521e+04	0.44	-6.521e+04	2	80.0	7.1	0.08	1.00	0.0	20,20
1115	ok	s=15,m=11	0.30	-4.471e+04	0.30	-4.471e+04	2	80.0	7.1	0.08	1.00	0.0	11,11
1116	ok	s=18,m=11	0.62	6.863e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1117	ok	s=18,m=11	0.62	6.864e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1118	ok	s=21,m=11	0.16	-2.063e+04	0.23	-2.063e+04	3	946.4	83.9	0.97	0.69	0.0	1,1
1119	ok	s=21,m=11	0.16	-2.053e+04	0.23	-2.053e+04	3	946.4	83.9	0.97	0.69	0.0	1,1
1120	ok	s=8,m=11	0.20	-2.175e+04	0.20	-2.175e+04	2	224.9	23.7	0.27	0.98	0.0	1,1
1121	ok	s=8,m=11	0.09	9996.7	7.66e-03	-831.2	2	224.9	23.7	0.27	0.98	0.0	1,19
1122	ok	s=8,m=11	0.19	-2.131e+04	0.20	-2.131e+04	2	224.9	23.7	0.27	0.98	0.0	1,1
1123	ok	s=8,m=11	0.09	9871.1	6.21e-03	-673.3	2	224.9	23.7	0.27	0.98	0.0	1,12
1124	ok	s=19,m=11	0.14	-1.055e+04	0.14	-1.055e+04	1	239.9	35.9	0.41	0.95	0.0	1,1
1125	ok	s=19,m=11	0.14	-1.065e+04	0.14	-1.065e+04	1	239.9	35.9	0.41	0.95	0.0	1,1
1126	ok	s=18,m=11	0.25	2.710e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
1127	ok	s=18,m=11	0.25	2.711e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
1128	ok	s=19,m=11	0.07	-5449.0	0.07	-5449.0	1	155.2	23.3	0.27	0.98	0.0	1,1
1129	ok	s=19,m=11	0.07	-5539.5	0.07	-5539.5	1	155.2	23.3	0.27	0.98	0.0	1,1
1130	ok	s=19,m=11	0.10	-7696.7	0.10	-7696.7	1	188.7	28.3	0.33	0.97	0.0	1,1
1131	ok	s=19,m=11	0.11	-8687.0	0.12	-8687.0	1	188.7	28.3	0.33	0.97	0.0	1,1
1132	ok	s=12,m=11	0.02	-1789.2	0.02	-1789.2	2	257.5	34.0	0.39	0.95	0.0	32,32
1133	ok	s=12,m=11	0.02	-1456.5	0.02	-1456.5	2	257.5	34.0	0.39	0.95	0.0	26,26
1134	ok	s=12,m=11	0.02	-1367.5	0.02	-1367.5	2	257.5	34.0	0.39	0.95	0.0	29,29
1135	ok	s=12,m=11	0.02	-1815.2	0.02	-1815.2	2	257.5	34.0	0.39	0.95	0.0	35,35
1136	ok	s=18,m=11	0.64	7.035e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
1137	ok	s=18,m=11	0.64	7.043e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
1138	ok	s=20,m=11	0.19	1.039e+04			1	286.9	60.2	0.69	0.85	0.0	1,0
1139	ok	s=20,m=11	0.19	1.056e+04			1	286.9	60.2	0.69	0.85	0.0	1,0
1140	ok	s=21,m=11	0.03	-3356.2	0.03	-3356.2	3	329.6	29.2	0.34	0.97	0.0	19,19
1141	ok	s=21,m=11	0.02	-2796.7	0.02	-2796.7	3	329.6	29.2	0.34	0.97	0.0	12,12
1142	ok	s=20,m=11	0.15	8233.7	0.02	-778.8	1	302.2	63.4	0.73	0.83	0.0	1,18
1143	ok	s=20,m=11	0.18	9826.3	3.53e-03	-162.7	1	302.2	63.4	0.73	0.83	0.0	1,10
1144	ok	s=19,m=11	0.05	3659.8	6.01e-03	-449.2	1	210.3	31.5	0.36	0.96	0.0	1,20
1145	ok	s=19,m=11	0.05	3645.2	4.60e-03	-343.6	1	210.3	31.5	0.36	0.96	0.0	1,11
1146	ok	s=17,m=11	0.40	-6.596e+04	0.40	-6.596e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1147	ok	s=17,m=11	0.42	-6.869e+04	0.42	-6.869e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1148	ok	s=19,m=11	0.12	-9030.6	0.12	-9030.6	1	154.1	23.1	0.27	0.99	0.0	1,1
1149	ok	s=19,m=11	0.12	-9093.6	0.12	-9093.6	1	154.1	23.1	0.27	0.99	0.0	1,1
1150	ok	s=4,m=11	0.09	-1.078e+04	0.09	-1.078e+04	2	260.2	27.5	0.32	0.97	0.0	14,14
1151	ok	s=4,m=11	0.11	1.368e+04	0.07	-8482.5	2	260.2	27.5	0.32	0.97	0.0	13,12
1152	ok	s=4,m=11	0.10	1.198e+04	0.03	-3644.1	2	260.2	27.5	0.32	0.97	0.0	1,19
1153	ok	s=4,m=11	0.07	-8877.9	0.07	-8877.9	2	260.2	27.5	0.32	0.97	0.0	21,21
1154	ok	s=8,m=11	0.04	-4450.8	0.04	-4450.8	2	259.0	27.3	0.31	0.97	0.0	32,32
1155	ok	s=8,m=11	0.04	-4387.2	0.04	-4387.2	2	259.0	27.3	0.31	0.97	0.0	34,34
1156	ok	s=8,m=11	0.04	-4444.7	0.04	-4444.7	2	259.0	27.3	0.31	0.97	0.0	37,37
1157	ok	s=8,m=11	0.04	-4459.2	0.04	-4459.2	2	259.0	27.3	0.31	0.97	0.0	35,35
1158	ok	s=20,m=11	0.23	1.272e+04	0.02	-894.6	1	379.6	79.7	0.92	0.72	0.0	1,21
1159	ok	s=20,m=11	0.22	1.197e+04			1	379.6	79.7	0.92	0.72	0.0	1,0
1160	ok	s=19,m=11	0.06	-5020.7	0.07	-5020.7	1	188.7	28.3	0.33	0.97	0.0	1,1
1161	ok	s=19,m=11	0.08	-6018.4	0.08	-6018.4	1	188.7	28.3	0.33	0.97	0.0	1,1
1162	ok	s=17,m=11	0.12	2.020e+04	0.12	-1.909e+04	4	229.1	16.2	0.19	1.00	0.0	20,21
1163	ok	s=17,m=11	0.09	-1.529e+04	0.09	-1.529e+04	4	229.1	16.2	0.19	1.00	0.0	14,14
1164	ok	s=18,m=11	0.55	6.067e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
1165	ok	s=18,m=11	0.55	6.074e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
1166	ok	s=20,m=11	0.31	1.713e+04			1	286.3	60.1	0.69	0.85	0.0	1,0
1167	ok	s=20,m=11	0.31	1.725e+04			1	286.3	60.1	0.69	0.85	0.0	1,0
1168	ok	s=18,m=11	0.48	5.308e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1169	ok	s=18,m=11	0.48	5.301e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1170	ok	s=16,m=11	0.36	-4.020e+04	0.38	-4.020e+04	2	300.6	31.7	0.37	0.96	0.0	1,1
1171	ok	s=16,m=11	0.25	-2.790e+04	0.26	-2.790e+04	2	300.6	31.7	0.37	0.96	0.0	1,1
1172	ok	s=16,m=11	0.36	-3.942e+04	0.37	-3.942e+04	2	300.6	31.7	0.37	0.96	0.0	1,1
1173	ok	s=16,m=11	0.26	-2.828e+04	0.27	-2.828e+04	2	300.6	31.7	0.37	0.96	0.0	1,1
1174	ok	s=20,m=11	0.50	-2.752e+04	0.54	-2.752e+04	1	210.6	44.2	0.51	0.92	0.0	12,12
1175	ok	s=20,m=11	0.41	-2.297e+04	0.45	-2.297e+04	1	210.6	44.2	0.51	0.92	0.0	1,1
1176	ok	s=20,m=11	0.09	5083.8	0.05	-2435.8	1	302.2	63.4	0.73	0.83	0.0	15,18
1177	ok	s=20,m=11	0.10	5355.6	0.04	-1810.9	1	302.2	63.4	0.73	0.83	0.0	1,10
1178	ok	s=18,m=11	0.52	5.706e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
1179	ok	s=18,m=11	0.52	5.696e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
1180	ok	s=19,m=11	0.17	-1.320e+04	0.17	-1.320e+04	1	153.0	22.9	0.26	0.99	0.0	1,1
1181	ok	s=19,m=11	0.17	-1.358e+04	0.18	-1.358e+04	1	153.0	22.9	0.26	0.99	0.0	1,1
1182	ok	s=20,m=11	0.18	1.000e+04	9.04e-03	-437.0	1	266.4	55.9	0.64	0.87	0.0	1,16
1183	ok	s=20,m=11	0.18	1.017e+04	6.49e-04	-31.4	1	266.4	55.9	0.64	0.87	0.0	1,7
1184	ok	s=18,m=11	0.41	4.495e+04			2	215.6	22.8	0.26	0.99	0.0	1,0

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
1185	ok	s=18,m=11	0.41	4.502e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
1186	ok	s=19,m=11	0.04	-2787.2	0.04	-2787.2	1	188.7	28.3	0.33	0.97	0.0	1,1
1187	ok	s=19,m=11	0.04	-3353.7	0.04	-3353.7	1	188.7	28.3	0.33	0.97	0.0	1,1
1188	ok	s=19,m=11	0.15	-1.149e+04	0.15	-1.149e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1189	ok	s=19,m=11	0.15	-1.142e+04	0.15	-1.142e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1190	ok	s=20,m=11	0.45	2.498e+04			1	285.7	60.0	0.69	0.85	0.0	1,0
1191	ok	s=20,m=11	0.48	2.671e+04			1	285.7	60.0	0.69	0.85	0.0	1,0
1192	ok	s=21,m=11	0.05	-6213.7	0.05	-6213.7	3	247.2	21.9	0.25	0.99	0.0	1,1
1193	ok	s=21,m=11	0.05	-5992.1	0.05	-5992.1	3	247.2	21.9	0.25	0.99	0.0	1,1
1194	ok	s=17,m=11	0.31	-5.093e+04	0.31	-5.093e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1195	ok	s=17,m=11	0.31	-5.171e+04	0.31	-5.171e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1196	ok	s=18,m=11	0.44	4.815e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
1197	ok	s=18,m=11	0.44	4.817e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
1198	ok	s=20,m=11	0.07	3865.6	0.06	-2975.3	1	277.2	58.2	0.67	0.86	0.0	21,20
1199	ok	s=20,m=11	0.07	3732.9	0.05	-2624.6	1	277.2	58.2	0.67	0.86	0.0	13,12
1200	ok	s=11,m=11	0.02	1442.1	0.01	-1224.2	2	160.0	21.1	0.24	0.99	0.0	32,33
1201	ok	s=11,m=11	0.02	1392.3	0.01	-1276.8	2	160.0	21.1	0.24	0.99	0.0	35,38
1202	ok	s=18,m=11	0.27	3.016e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1203	ok	s=18,m=11	0.27	3.011e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1204	ok	s=8,m=11	0.57	-6.249e+04	0.59	-6.249e+04	2	323.6	34.1	0.39	0.95	0.0	1,1
1205	ok	s=8,m=11	0.39	-4.303e+04	0.41	-4.303e+04	2	323.6	34.1	0.39	0.95	0.0	1,1
1206	ok	s=8,m=11	0.57	-6.252e+04	0.59	-6.252e+04	2	323.6	34.1	0.39	0.95	0.0	1,1
1207	ok	s=8,m=11	0.40	-4.360e+04	0.41	-4.360e+04	2	323.6	34.1	0.39	0.95	0.0	1,1
1208	ok	s=18,m=11	0.22	2.429e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
1209	ok	s=18,m=11	0.22	2.435e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
1210	ok	s=19,m=11	0.05	-3761.2	0.05	-3761.2	1	188.7	28.3	0.33	0.97	0.0	17,17
1211	ok	s=19,m=11	0.06	-4605.3	0.06	-4605.3	1	188.7	28.3	0.33	0.97	0.0	1,1
1212	ok	s=19,m=11	0.08	-6153.1	0.08	-6153.1	1	166.9	25.0	0.29	0.98	0.0	1,1
1213	ok	s=19,m=11	0.08	-6259.8	0.08	-6259.8	1	166.9	25.0	0.29	0.98	0.0	1,1
1214	ok	s=11,m=11	0.23	2.056e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
1215	ok	s=11,m=11	0.23	1.994e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
1216	ok	s=11,m=11	0.24	2.106e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
1217	ok	s=11,m=11	0.22	1.909e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
1218	ok	s=15,m=11	0.19	2.771e+04			2	204.0	18.1	0.21	1.00	0.0	1,0
1219	ok	s=15,m=11	0.12	1.703e+04			2	204.0	18.1	0.21	1.00	0.0	1,0
1220	ok	s=25,m=11	0.06	3853.9	0.07	-3205.5	1	394.5	72.4	0.83	0.78	0.0	20,21
1221	ok	s=15,m=11	0.19	2.730e+04			2	204.0	18.1	0.21	1.00	0.0	1,0
1222	ok	s=15,m=11	0.12	1.734e+04			2	204.0	18.1	0.21	1.00	0.0	1,0
1223	ok	s=25,m=11	0.06	3699.4	0.07	-3546.8	1	394.5	72.4	0.83	0.78	0.0	19,22
1224	ok	s=17,m=11	0.28	-4.591e+04	0.28	-4.591e+04	4	221.3	15.6	0.18	1.00	0.0	1,1
1225	ok	s=20,m=11	0.38	2.082e+04			1	260.5	54.7	0.63	0.88	0.0	1,0
1226	ok	s=20,m=11	0.38	2.084e+04			1	260.5	54.7	0.63	0.88	0.0	1,0
1227	ok	s=17,m=11	0.28	-4.598e+04	0.28	-4.598e+04	4	221.3	15.6	0.18	1.00	0.0	1,1
1228	ok	s=16,m=11	0.15	-1.653e+04	0.15	-1.653e+04	2	218.8	23.1	0.27	0.99	0.0	11,11
1229	ok	s=16,m=11	0.16	1.755e+04	0.10	-1.127e+04	2	218.8	23.1	0.27	0.99	0.0	11,14
1230	ok	s=16,m=11	0.10	1.087e+04	0.07	-7655.3	2	218.8	23.1	0.27	0.99	0.0	20,21
1231	ok	s=16,m=11	0.11	-1.162e+04	0.11	-1.162e+04	2	218.8	23.1	0.27	0.99	0.0	20,20
1232	ok	s=3,m=11	0.65	-5.728e+04	0.71	-5.728e+04	2	352.7	46.6	0.54	0.91	0.0	11,11
1233	ok	s=20,m=11	0.31	1.703e+04			1	377.5	79.2	0.91	0.73	0.0	1,0
1234	ok	s=20,m=11	0.31	1.720e+04			1	377.5	79.2	0.91	0.73	0.0	1,0
1235	ok	s=20,m=11	0.10	5718.7	0.03	-1429.8	1	277.2	58.2	0.67	0.86	0.0	17,16
1236	ok	s=20,m=11	0.13	7042.4	0.02	-812.9	1	277.2	58.2	0.67	0.86	0.0	1,7
1237	ok	s=21,m=11	0.22	-2.883e+04	0.29	-2.883e+04	3	842.3	74.7	0.86	0.76	0.0	1,1
1238	ok	s=11,m=11	0.05	4007.2			2	80.0	10.6	0.12	1.00	0.0	1,0
1239	ok	s=11,m=11	0.05	4132.4			2	80.0	10.6	0.12	1.00	0.0	1,0
1240	ok	s=21,m=11	0.22	-2.871e+04	0.29	-2.871e+04	3	842.3	74.7	0.86	0.76	0.0	1,1
1241	ok	s=21,m=11	0.06	-7987.2	0.06	-7987.2	3	164.8	14.6	0.17	1.00	0.0	1,1
1242	ok	s=21,m=11	0.06	-7396.0	0.06	-7396.0	3	164.8	14.6	0.17	1.00	0.0	1,1
1243	ok	s=17,m=11	0.16	-2.669e+04	0.16	-2.669e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1244	ok	s=17,m=11	0.16	-2.675e+04	0.16	-2.675e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1245	ok	s=19,m=11	0.08	-6545.1	0.09	-6545.1	1	188.7	28.3	0.33	0.97	0.0	1,1
1246	ok	s=19,m=11	0.10	-7643.6	0.10	-7643.6	1	188.7	28.3	0.33	0.97	0.0	1,1
1247	ok	s=19,m=11	0.16	-1.204e+04	0.16	-1.204e+04	1	151.9	22.8	0.26	0.99	0.0	1,1
1248	ok	s=18,m=11	0.40	4.427e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
1249	ok	s=18,m=11	0.40	4.414e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
1250	ok	s=19,m=11	0.16	-1.205e+04	0.16	-1.205e+04	1	151.9	22.8	0.26	0.99	0.0	1,1
1251	ok	s=20,m=11	0.02	1243.8	5.17e-04	-21.1	1	371.4	77.9	0.90	0.74	0.0	1,35
1252	ok	s=20,m=11	0.02	1238.6			1	371.4	77.9	0.90	0.74	0.0	1,0
1253	ok	s=20,m=11	0.16	8607.0	7.04e-03	-340.5	1	266.4	55.9	0.64	0.87	0.0	1,16
1254	ok	s=20,m=11	0.16	8711.1	2.61e-03	-126.4	1	266.4	55.9	0.64	0.87	0.0	1,7
1255	ok	s=20,m=11	0.35	1.949e+04			1	279.4	58.6	0.68	0.86	0.0	1,0
1256	ok	s=20,m=11	0.35	1.943e+04			1	279.4	58.6	0.68	0.86	0.0	1,0
1257	ok	s=20,m=11	0.15	-8037.5	0.16	-8037.5	1	219.7	46.1	0.53	0.91	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
1258	ok	s=20,m=11	0.14	-8018.7	0.16	-8018.7	1	219.7	46.1	0.53	0.91	0.0	1,1
1259	ok	s=20,m=11	0.18	9923.1			1	277.2	58.2	0.67	0.86	0.0	1,0
1260	ok	s=20,m=11	0.21	1.154e+04			1	277.2	58.2	0.67	0.86	0.0	1,0
1261	ok	s=21,m=11	0.14	-1.881e+04	0.15	-1.881e+04	3	414.5	36.8	0.42	0.95	0.0	1,1
1262	ok	s=21,m=11	0.14	-1.814e+04	0.15	-1.814e+04	3	414.5	36.8	0.42	0.95	0.0	1,1
1263	ok	s=7,m=11	0.03	4520.7	0.01	-1649.8	3	160.0	14.2	0.16	1.00	0.0	36,37
1264	ok	s=12,m=11	9.92e-03	-874.1	0.01	-874.1	2	257.0	33.9	0.39	0.96	0.0	30,30
1265	ok	s=12,m=11	0.01	1233.4	0.01	-1124.7	2	257.0	33.9	0.39	0.96	0.0	33,32
1266	ok	s=16,m=11	0.30	-3.320e+04	0.31	-3.320e+04	2	295.9	31.2	0.36	0.96	0.0	1,1
1267	ok	s=16,m=11	0.18	-1.993e+04	0.19	-1.993e+04	2	295.9	31.2	0.36	0.96	0.0	1,1
1268	ok	s=16,m=11	0.29	-3.244e+04	0.31	-3.244e+04	2	295.9	31.2	0.36	0.96	0.0	1,1
1269	ok	s=16,m=11	0.18	-2.012e+04	0.19	-2.012e+04	2	295.9	31.2	0.36	0.96	0.0	1,1
1270	ok	s=12,m=11	0.01	1213.9	0.01	-1155.8	2	257.0	33.9	0.39	0.96	0.0	38,35
1271	ok	s=12,m=11	9.36e-03	824.6	9.29e-03	-781.6	2	257.0	33.9	0.39	0.96	0.0	28,29
1272	ok	s=7,m=11	0.03	4526.4	0.01	-1645.4	3	160.0	14.2	0.16	1.00	0.0	31,34
1273	ok	s=20,m=11	0.29	1.586e+04			1	260.5	54.7	0.63	0.88	0.0	1,0
1274	ok	s=20,m=11	0.29	1.583e+04			1	260.5	54.7	0.63	0.88	0.0	1,0
1275	ok	s=19,m=11	0.12	-9526.9	0.13	-9526.9	1	188.7	28.3	0.33	0.97	0.0	1,1
1276	ok	s=19,m=11	0.14	-1.061e+04	0.14	-1.061e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1277	ok	s=18,m=11	0.57	6.257e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
1278	ok	s=18,m=11	0.57	6.258e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
1279	ok	s=17,m=11	0.35	5.795e+04	0.14	-2.346e+04	4	229.1	16.2	0.19	1.00	0.0	20,21
1280	ok	s=17,m=11	0.27	4.481e+04	0.09	-1.438e+04	4	229.1	16.2	0.19	1.00	0.0	11,14
1281	ok	s=3,m=11	0.05	-4083.0	0.05	-4083.0	2	160.0	21.1	0.24	0.99	0.0	1,1
1282	ok	s=3,m=11	0.04	-3348.1	0.04	-3348.1	2	160.0	21.1	0.24	0.99	0.0	1,1
1283	ok	s=17,m=11	0.05	8581.5	0.01	-2172.7	4	215.7	15.2	0.18	1.00	0.0	22,19
1284	ok	s=17,m=11	0.05	7782.9	0.01	-1736.1	4	215.7	15.2	0.18	1.00	0.0	13,12
1285	ok	s=21,m=11	0.10	-1.373e+04	0.10	-1.373e+04	3	82.4	7.3	0.08	1.00	0.0	12,12
1286	ok	s=21,m=11	0.08	-1.102e+04	0.08	-1.102e+04	3	82.4	7.3	0.08	1.00	0.0	1,1
1287	ok	s=20,m=11	0.26	1.434e+04			1	277.2	58.2	0.67	0.86	0.0	1,0
1288	ok	s=20,m=11	0.29	1.593e+04			1	277.2	58.2	0.67	0.86	0.0	1,0
1289	ok	s=19,m=11	0.12	-9113.9	0.12	-9113.9	1	151.9	22.8	0.26	0.99	0.0	1,1
1290	ok	s=19,m=11	0.12	-9096.3	0.12	-9096.3	1	151.9	22.8	0.26	0.99	0.0	1,1
1291	ok	s=19,m=11	0.07	-5245.6	0.07	-5245.6	1	166.9	25.0	0.29	0.98	0.0	1,1
1292	ok	s=19,m=11	0.07	-5310.8	0.07	-5310.8	1	166.9	25.0	0.29	0.98	0.0	1,1
1293	ok	s=19,m=11	0.17	-1.304e+04	0.17	-1.304e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1294	ok	s=19,m=11	0.17	-1.299e+04	0.17	-1.299e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1295	ok	s=17,m=11	0.13	2.217e+04	0.10	-1.681e+04	4	221.9	15.7	0.18	1.00	0.0	20,21
1296	ok	s=3,m=11	0.06	4910.1	0.02	-1437.9	2	204.0	26.9	0.31	0.98	0.0	12,13
1297	ok	s=3,m=11	0.10	-9151.7	0.11	-9151.7	2	204.0	26.9	0.31	0.98	0.0	1,1
1298	ok	s=20,m=11	0.31	1.730e+04			1	278.6	58.5	0.67	0.86	0.0	1,0
1299	ok	s=3,m=11	0.08	7194.8	0.03	-2567.8	2	204.0	26.9	0.31	0.98	0.0	19,22
1300	ok	s=3,m=11	0.10	-9041.9	0.11	-9041.9	2	204.0	26.9	0.31	0.98	0.0	1,1
1301	ok	s=20,m=11	0.31	1.720e+04			1	278.6	58.5	0.67	0.86	0.0	1,0
1302	ok	s=17,m=11	0.13	2.114e+04	0.10	-1.585e+04	4	221.9	15.7	0.18	1.00	0.0	11,14
1303	ok	s=19,m=11	0.16	-1.245e+04	0.17	-1.245e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1304	ok	s=19,m=11	0.17	-1.347e+04	0.18	-1.347e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1305	ok	s=7,m=11	0.16	2.164e+04			3	80.0	7.1	0.08	1.00	0.0	1,0
1306	ok	s=15,m=11	0.11	1.587e+04			2	204.0	18.1	0.21	1.00	0.0	1,0
1307	ok	s=15,m=11	0.08	1.149e+04			2	204.0	18.1	0.21	1.00	0.0	1,0
1308	ok	s=25,m=11	0.06	3904.1	0.08	-3800.6	1	404.9	74.3	0.86	0.76	0.0	12,13
1309	ok	s=15,m=11	0.11	1.549e+04			2	204.0	18.1	0.21	1.00	0.0	1,0
1310	ok	s=15,m=11	0.08	1.177e+04			2	204.0	18.1	0.21	1.00	0.0	1,0
1311	ok	s=25,m=11	0.06	3666.2	0.08	-3627.8	1	404.9	74.3	0.86	0.76	0.0	11,14
1312	ok	s=7,m=11	0.16	2.113e+04			3	80.0	7.1	0.08	1.00	0.0	1,0
1313	ok	s=21,m=11	0.15	-1.994e+04	0.16	-1.994e+04	3	414.5	36.8	0.42	0.95	0.0	1,1
1314	ok	s=21,m=11	0.15	-1.971e+04	0.16	-1.971e+04	3	414.5	36.8	0.42	0.95	0.0	1,1
1315	ok	s=20,m=11	0.20	1.094e+04			1	260.5	54.7	0.63	0.88	0.0	1,0
1316	ok	s=20,m=11	0.20	1.089e+04			1	260.5	54.7	0.63	0.88	0.0	1,0
1317	ok	s=20,m=11	0.34	1.861e+04			1	277.2	58.2	0.67	0.86	0.0	1,0
1318	ok	s=20,m=11	0.38	2.111e+04			1	277.2	58.2	0.67	0.86	0.0	1,0
1319	ok	s=18,m=11	0.23	2.518e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
1320	ok	s=18,m=11	0.23	2.506e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
1321	ok	s=11,m=11	0.02	-1422.6	0.02	-1422.6	2	160.0	21.1	0.24	0.99	0.0	33,33
1322	ok	s=11,m=11	0.02	-1457.4	0.02	-1457.4	2	160.0	21.1	0.24	0.99	0.0	38,38
1323	ok	s=12,m=11	0.38	-3.342e+04	0.41	-3.342e+04	2	313.7	41.4	0.48	0.93	0.0	1,1
1324	ok	s=12,m=11	0.39	-3.453e+04	0.42	-3.453e+04	2	313.7	41.4	0.48	0.93	0.0	1,1
1325	ok	s=12,m=11	0.39	-3.405e+04	0.42	-3.405e+04	2	313.7	41.4	0.48	0.93	0.0	1,1
1326	ok	s=12,m=11	0.37	-3.249e+04	0.40	-3.249e+04	2	313.7	41.4	0.48	0.93	0.0	1,1
1327	ok	s=20,m=11	0.12	6517.8	0.01	-564.6	1	266.4	55.9	0.64	0.87	0.0	1,16
1328	ok	s=20,m=11	0.12	6569.7	0.01	-494.4	1	266.4	55.9	0.64	0.87	0.0	1,7
1329	ok	s=20,m=11	0.27	1.520e+04			1	279.4	58.6	0.68	0.86	0.0	1,0
1330	ok	s=16,m=11	0.17	-1.838e+04	0.17	-1.838e+04	2	291.9	30.8	0.35	0.96	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
1331	ok	s=16,m=11	0.10	-1.146e+04	0.11	-1.146e+04	2	291.9	30.8	0.35	0.96	0.0	20,20
1332	ok	s=16,m=11	0.16	-1.774e+04	0.17	-1.774e+04	2	291.9	30.8	0.35	0.96	0.0	1,1
1333	ok	s=16,m=11	0.11	-1.180e+04	0.11	-1.180e+04	2	291.9	30.8	0.35	0.96	0.0	1,1
1334	ok	s=20,m=11	0.27	1.513e+04			1	279.4	58.6	0.68	0.86	0.0	1,0
1335	ok	s=19,m=11	0.08	-6243.4	0.08	-6243.4	1	151.9	22.8	0.26	0.99	0.0	1,1
1336	ok	s=19,m=11	0.08	-6214.8	0.08	-6214.8	1	151.9	22.8	0.26	0.99	0.0	1,1
1337	ok	s=15,m=11	0.03	-4691.5	0.03	-4691.5	2	80.0	7.1	0.08	1.00	0.0	9,9
1338	ok	s=25,m=11	0.29	1.840e+04	0.19	-1.090e+04	1	288.0	52.9	0.61	0.89	0.0	12,13
1339	ok	s=15,m=11	0.08	-1.148e+04	0.08	-1.148e+04	2	80.0	7.1	0.08	1.00	0.0	7,7
1340	ok	s=25,m=11	0.13	8242.6	0.11	-6152.8	1	288.0	52.9	0.61	0.89	0.0	19,22
1341	ok	s=21,m=11	0.05	6260.0	9.32e-03	-995.3	3	750.2	66.5	0.77	0.81	0.0	1,21
1342	ok	s=21,m=11	0.05	6341.2	6.14e-03	-656.4	3	750.2	66.5	0.77	0.81	0.0	1,14
1343	ok	s=19,m=11	0.19	-1.491e+04	0.20	-1.491e+04	1	236.8	35.5	0.41	0.95	0.0	1,1
1344	ok	s=19,m=11	0.19	-1.499e+04	0.20	-1.499e+04	1	236.8	35.5	0.41	0.95	0.0	1,1
1345	ok	s=17,m=11	0.28	-4.631e+04	0.28	-4.631e+04	4	220.1	15.5	0.18	1.00	0.0	20,20
1346	ok	s=17,m=11	0.28	-4.597e+04	0.28	-4.597e+04	4	220.1	15.5	0.18	1.00	0.0	1,1
1347	ok	s=18,m=11	0.63	6.950e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
1348	ok	s=18,m=11	0.63	6.947e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
1349	ok	s=21,m=11	0.14	-1.868e+04	0.15	-1.868e+04	3	414.5	36.8	0.42	0.95	0.0	1,1
1350	ok	s=21,m=11	0.15	-1.920e+04	0.15	-1.920e+04	3	414.5	36.8	0.42	0.95	0.0	1,1
1351	ok	s=20,m=11	0.31	1.710e+04			1	282.2	59.2	0.68	0.86	0.0	1,0
1352	ok	s=20,m=11	0.31	1.717e+04			1	282.2	59.2	0.68	0.86	0.0	1,0
1353	ok	s=7,m=11	0.21	2.736e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
1354	ok	s=7,m=11	0.17	2.214e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
1355	ok	s=15,m=11	0.04	6229.3	2.99e-04	-43.7	2	204.0	18.1	0.21	1.00	0.0	22,19
1356	ok	s=15,m=11	0.04	5921.7			2	204.0	18.1	0.21	1.00	0.0	1,0
1357	ok	s=25,m=11	0.06	3519.7	0.06	-2802.2	1	415.3	76.2	0.88	0.75	0.0	20,21
1358	ok	s=15,m=11	0.04	5804.6			2	204.0	18.1	0.21	1.00	0.0	1,0
1359	ok	s=15,m=11	0.04	6194.4			2	204.0	18.1	0.21	1.00	0.0	1,0
1360	ok	s=25,m=11	0.05	3420.8	0.06	-2747.7	1	415.3	76.2	0.88	0.75	0.0	19,22
1361	ok	s=7,m=11	0.21	2.734e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
1362	ok	s=7,m=11	0.17	2.243e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
1363	ok	s=20,m=11	0.11	5919.6			1	260.5	54.7	0.63	0.88	0.0	1,0
1364	ok	s=20,m=11	0.11	5912.3			1	260.5	54.7	0.63	0.88	0.0	1,0
1365	ok	s=8,m=11	0.03	-3308.8	0.03	-3308.8	2	258.2	27.2	0.31	0.97	0.0	34,34
1366	ok	s=8,m=11	0.03	-3340.4	0.03	-3340.4	2	258.2	27.2	0.31	0.97	0.0	32,32
1367	ok	s=8,m=11	0.03	-3341.3	0.03	-3341.3	2	258.2	27.2	0.31	0.97	0.0	35,35
1368	ok	s=8,m=11	0.03	-3355.3	0.03	-3355.3	2	258.2	27.2	0.31	0.97	0.0	37,37
1369	ok	s=19,m=11	0.07	5633.7	3.86e-03	-288.2	1	209.2	31.4	0.36	0.96	0.0	1,15
1370	ok	s=19,m=11	0.07	5617.8	2.14e-03	-160.0	1	209.2	31.4	0.36	0.96	0.0	1,8
1371	ok	s=12,m=11	0.02	1347.0	7.54e-03	-634.4	2	256.5	33.9	0.39	0.96	0.0	33,32
1372	ok	s=12,m=11	9.13e-03	804.4	3.56e-03	-299.3	2	256.5	33.9	0.39	0.96	0.0	23,26
1373	ok	s=16,m=11	0.03	-3564.7	0.03	-3564.7	2	287.9	30.4	0.35	0.97	0.0	38,38
1374	ok	s=16,m=11	0.02	-2527.4	0.02	-2527.4	2	287.9	30.4	0.35	0.97	0.0	36,36
1375	ok	s=16,m=11	0.03	-3252.5	0.03	-3252.5	2	287.9	30.4	0.35	0.97	0.0	35,35
1376	ok	s=16,m=11	0.03	-2899.4	0.03	-2899.4	2	287.9	30.4	0.35	0.97	0.0	21,21
1377	ok	s=12,m=11	0.01	1104.8	2.70e-03	-227.1	2	256.5	33.9	0.39	0.96	0.0	1,29
1378	ok	s=12,m=11	0.02	1322.6	8.16e-03	-686.2	2	256.5	33.9	0.39	0.96	0.0	38,35
1379	ok	s=19,m=11	0.05	-3937.2	0.05	-3937.2	1	166.9	25.0	0.29	0.98	0.0	1,1
1380	ok	s=19,m=11	0.05	-3969.7	0.05	-3969.7	1	166.9	25.0	0.29	0.98	0.0	1,1
1381	ok	s=19,m=11	0.13	-1.010e+04	0.13	-1.010e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1382	ok	s=19,m=11	0.13	-1.005e+04	0.13	-1.005e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1383	ok	s=17,m=11	0.20	-3.367e+04	0.20	-3.367e+04	4	220.1	15.5	0.18	1.00	0.0	1,1
1384	ok	s=17,m=11	0.21	-3.498e+04	0.21	-3.498e+04	4	220.1	15.5	0.18	1.00	0.0	1,1
1385	ok	s=15,m=11	0.04	5916.6			2	204.0	18.1	0.21	1.00	0.0	1,0
1386	ok	s=15,m=11	0.02	2884.7			2	204.0	18.1	0.21	1.00	0.0	1,0
1387	ok	s=25,m=11	0.07	4253.2	0.08	-4006.7	1	415.3	76.2	0.88	0.75	0.0	12,13
1388	ok	s=19,m=11	0.15	-1.130e+04	0.15	-1.130e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1389	ok	s=19,m=11	0.15	-1.134e+04	0.15	-1.134e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1390	ok	s=19,m=11	0.04	-3313.6	0.04	-3313.6	1	151.9	22.8	0.26	0.99	0.0	1,1
1391	ok	s=19,m=11	0.04	-3309.4	0.04	-3309.4	1	151.9	22.8	0.26	0.99	0.0	1,1
1392	ok	s=12,m=11	0.20	-1.737e+04	0.20	-1.737e+04	2	221.4	29.2	0.34	0.97	0.0	1,1
1393	ok	s=12,m=11	0.05	-4280.0	0.05	-4280.0	2	221.4	29.2	0.34	0.97	0.0	21,21
1394	ok	s=12,m=11	0.20	-1.800e+04	0.21	-1.800e+04	2	221.4	29.2	0.34	0.97	0.0	1,1
1395	ok	s=12,m=11	0.05	-4138.1	0.05	-4138.1	2	221.4	29.2	0.34	0.97	0.0	34,34
1396	ok	s=17,m=11	0.17	-2.724e+04	0.17	-2.724e+04	4	220.1	15.5	0.18	1.00	0.0	1,1
1397	ok	s=17,m=11	0.18	-2.932e+04	0.18	-2.932e+04	4	220.1	15.5	0.18	1.00	0.0	1,1
1398	ok	s=4,m=11	0.10	1.246e+04	0.05	-5828.0	2	259.0	27.4	0.32	0.97	0.0	13,12
1399	ok	s=4,m=11	0.07	8169.9	0.06	-7023.8	2	259.0	27.4	0.32	0.97	0.0	11,14
1400	ok	s=4,m=11	0.07	8760.3	0.06	-6859.4	2	259.0	27.4	0.32	0.97	0.0	20,21
1401	ok	s=4,m=11	0.10	1.172e+04	0.05	-5463.1	2	259.0	27.4	0.32	0.97	0.0	22,19
1402	ok	s=21,m=11	0.13	-1.757e+04	0.14	-1.757e+04	3	414.5	36.8	0.42	0.95	0.0	1,1
1403	ok	s=21,m=11	0.13	-1.771e+04	0.14	-1.771e+04	3	414.5	36.8	0.42	0.95	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
1404	ok	s=20,m=11	0.23	1.290e+04			1	282.2	59.2	0.68	0.86	0.0	1,0
1405	ok	s=20,m=11	0.23	1.293e+04			1	282.2	59.2	0.68	0.86	0.0	1,0
1406	ok	s=20,m=11	0.03	1588.3	0.02	-960.2	1	260.5	54.7	0.63	0.88	0.0	21,20
1407	ok	s=20,m=11	0.03	1535.8	0.02	-894.9	1	260.5	54.7	0.63	0.88	0.0	13,12
1408	ok	s=20,m=11	0.07	4004.5	0.02	-1193.5	1	266.4	55.9	0.64	0.87	0.0	17,16
1409	ok	s=20,m=11	0.07	3988.7	0.02	-1198.4	1	266.4	55.9	0.64	0.87	0.0	10,7
1410	ok	s=20,m=11	0.19	1.058e+04			1	279.4	58.6	0.68	0.86	0.0	1,0
1411	ok	s=20,m=11	0.19	1.049e+04			1	279.4	58.6	0.68	0.86	0.0	1,0
1412	ok	s=11,m=11	0.02	-1616.6	0.02	-1616.6	2	160.0	21.1	0.24	0.99	0.0	1,1
1413	ok	s=11,m=11	0.02	-1700.3	0.02	-1700.3	2	160.0	21.1	0.24	0.99	0.0	1,1
1414	ok	s=17,m=11	0.15	-2.504e+04	0.15	-2.504e+04	4	220.1	15.5	0.18	1.00	0.0	1,1
1415	ok	s=17,m=11	0.17	-2.795e+04	0.17	-2.795e+04	4	220.1	15.5	0.18	1.00	0.0	1,1
1416	ok	s=19,m=11	0.11	-8453.2	0.11	-8453.2	1	188.7	28.3	0.33	0.97	0.0	1,1
1417	ok	s=19,m=11	0.11	-8472.3	0.11	-8472.3	1	188.7	28.3	0.33	0.97	0.0	1,1
1418	ok	s=19,m=11	0.04	-2802.2	0.04	-2802.2	1	151.9	22.8	0.26	0.99	0.0	1,1
1419	ok	s=18,m=11	0.56	6.183e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
1420	ok	s=18,m=11	0.56	6.178e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
1421	ok	s=19,m=11	0.04	-2854.8	0.04	-2854.8	1	151.9	22.8	0.26	0.99	0.0	1,1
1422	ok	s=16,m=11	0.04	-4294.0	0.04	-4294.0	2	217.9	23.0	0.26	0.99	0.0	1,1
1423	ok	s=16,m=11	0.10	1.107e+04	0.06	-7062.4	2	217.9	23.0	0.26	0.99	0.0	12,13
1424	ok	s=26,m=11	0.57	3.151e+04	0.40	-1.699e+04	1	352.2	73.9	0.85	0.77	0.0	20,21
1425	ok	s=26,m=11	0.27	-1.477e+04	0.37	-1.477e+04	1	382.2	80.2	0.92	0.72	0.0	16,16
1426	ok	s=12,m=11	0.01	1268.2			2	256.3	33.8	0.39	0.96	0.0	1,0
1427	ok	s=12,m=11	0.02	1603.1	1.21e-03	-101.6	2	256.3	33.8	0.39	0.96	0.0	1,32
1428	ok	s=12,m=11	0.02	1404.2	1.98e-03	-166.2	2	256.3	33.8	0.39	0.96	0.0	1,35
1429	ok	s=12,m=11	0.02	1554.5			2	256.3	33.8	0.39	0.96	0.0	1,0
1430	ok	s=16,m=11	0.10	1.072e+04	0.06	-6418.5	2	217.9	23.0	0.26	0.99	0.0	19,22
1431	ok	s=16,m=11	0.06	-6756.2	0.06	-6756.2	2	217.9	23.0	0.26	0.99	0.0	1,1
1432	ok	s=26,m=11	0.60	3.346e+04	0.45	-1.927e+04	1	352.2	73.9	0.85	0.77	0.0	19,22
1433	ok	s=26,m=11	0.43	-2.372e+04	0.60	-2.372e+04	1	382.2	80.2	0.92	0.72	0.0	7,7
1434	ok	s=17,m=11	0.13	-2.106e+04	0.13	-2.106e+04	4	220.1	15.5	0.18	1.00	0.0	1,1
1435	ok	s=17,m=11	0.15	-2.407e+04	0.15	-2.407e+04	4	220.1	15.5	0.18	1.00	0.0	1,1
1436	ok	s=17,m=11	0.26	-4.251e+04	0.26	-4.251e+04	4	221.3	15.6	0.18	1.00	0.0	1,1
1437	ok	s=17,m=11	0.26	-4.250e+04	0.26	-4.250e+04	4	221.3	15.6	0.18	1.00	0.0	1,1
1438	ok	s=11,m=11	0.25	2.225e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
1439	ok	s=11,m=11	0.26	2.281e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
1440	ok	s=11,m=11	0.26	2.259e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
1441	ok	s=11,m=11	0.24	2.152e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
1442	ok	s=21,m=11	0.13	-1.760e+04	0.14	-1.760e+04	3	414.5	36.8	0.42	0.95	0.0	1,1
1443	ok	s=21,m=11	0.13	-1.649e+04	0.13	-1.649e+04	3	414.5	36.8	0.42	0.95	0.0	1,1
1444	ok	s=20,m=11	0.25	1.372e+04			1	327.2	68.7	0.79	0.80	0.0	1,0
1445	ok	s=19,m=11	0.02	-1925.4	0.03	-1925.4	1	166.9	25.0	0.29	0.98	0.0	1,1
1446	ok	s=19,m=11	0.02	-1927.6	0.03	-1927.6	1	166.9	25.0	0.29	0.98	0.0	1,1
1447	ok	s=20,m=11	0.25	1.398e+04			1	327.2	68.7	0.79	0.80	0.0	1,0
1448	ok	s=19,m=11	0.09	-6983.6	0.09	-6983.6	1	188.7	28.3	0.33	0.97	0.0	1,1
1449	ok	s=19,m=11	0.09	-6922.3	0.09	-6922.3	1	188.7	28.3	0.33	0.97	0.0	1,1
1450	ok	s=20,m=11	0.15	8466.5			1	282.2	59.2	0.68	0.86	0.0	1,0
1451	ok	s=20,m=11	0.15	8483.3			1	282.2	59.2	0.68	0.86	0.0	1,0
1452	ok	s=20,m=11	0.08	4415.9	1.21e-03	-58.3	1	267.2	56.1	0.65	0.87	0.0	1,22
1453	ok	s=20,m=11	0.08	4504.9			1	267.2	56.1	0.65	0.87	0.0	1,0
1454	ok	s=20,m=11	0.49	-2.703e+04	0.56	-2.703e+04	1	268.5	56.3	0.65	0.87	0.0	1,1
1455	ok	s=20,m=11	0.49	-2.732e+04	0.57	-2.732e+04	1	268.5	56.3	0.65	0.87	0.0	1,1
1456	ok	s=25,m=11	0.24	-1.509e+04	0.31	-1.509e+04	1	391.5	71.9	0.83	0.78	0.0	11,11
1457	ok	s=4,m=11	0.30	-3.677e+04	0.31	-3.677e+04	2	323.6	34.2	0.39	0.95	0.0	1,1
1458	ok	s=4,m=11	0.75	-9.291e+04	0.79	-9.291e+04	2	323.6	34.2	0.39	0.95	0.0	1,1
1459	ok	s=20,m=11	0.43	2.407e+04			1	375.1	78.7	0.91	0.73	0.0	1,0
1460	ok	s=25,m=11	0.53	-3.384e+04	0.69	-3.384e+04	1	391.5	71.9	0.83	0.78	0.0	20,20
1461	ok	s=4,m=11	0.21	-2.617e+04	0.22	-2.617e+04	2	323.6	34.2	0.39	0.95	0.0	1,1
1462	ok	s=4,m=11	0.75	-9.208e+04	0.78	-9.208e+04	2	323.6	34.2	0.39	0.95	0.0	1,1
1463	ok	s=20,m=11	0.44	2.420e+04			1	375.1	78.7	0.91	0.73	0.0	1,0
1464	ok	s=7,m=11	0.03	3351.0	0.02	-2052.9	3	160.0	14.2	0.16	1.00	0.0	32,33
1465	ok	s=7,m=11	0.03	3356.4	0.02	-2052.0	3	160.0	14.2	0.16	1.00	0.0	35,38
1466	ok	s=17,m=11	0.13	-2.142e+04	0.13	-2.142e+04	4	220.1	15.5	0.18	1.00	0.0	1,1
1467	ok	s=17,m=11	0.15	-2.393e+04	0.15	-2.393e+04	4	220.1	15.5	0.18	1.00	0.0	1,1
1468	ok	s=11,m=11	0.02	-1991.2	0.02	-1991.2	2	160.0	21.1	0.24	0.99	0.0	1,1
1469	ok	s=11,m=11	0.02	-2027.5	0.02	-2027.5	2	160.0	21.1	0.24	0.99	0.0	1,1
1470	ok	s=19,m=11	0.09	-7095.2	0.09	-7095.2	1	202.9	30.4	0.35	0.97	0.0	12,12
1471	ok	s=19,m=11	0.05	-4199.1	0.06	-4199.1	1	202.9	30.4	0.35	0.97	0.0	20,20
1472	ok	s=21,m=11	0.03	-4548.3	0.04	-4548.3	3	643.0	57.0	0.66	0.87	0.0	1,1
1473	ok	s=21,m=11	0.03	-4498.6	0.04	-4498.6	3	643.0	57.0	0.66	0.87	0.0	1,1
1474	ok	s=19,m=11	0.07	-5487.1	0.07	-5487.1	1	188.7	28.3	0.33	0.97	0.0	1,1
1475	ok	s=12,m=11	0.01	1274.5			2	256.1	33.8	0.39	0.96	0.0	1,0
1476	ok	s=12,m=11	0.02	1580.4			2	256.1	33.8	0.39	0.96	0.0	1,0

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
1477	ok	s=12,m=11	0.02	1513.2			2	256.1	33.8	0.39	0.96	0.0	1,0
1478	ok	s=12,m=11	0.02	1328.5			2	256.1	33.8	0.39	0.96	0.0	1,0
1479	ok	s=19,m=11	0.07	-5498.3	0.07	-5498.3	1	188.7	28.3	0.33	0.97	0.0	1,1
1480	ok	s=20,m=11	0.09	5072.3			1	370.5	77.7	0.90	0.74	0.0	1,0
1481	ok	s=20,m=11	0.09	5068.5			1	370.5	77.7	0.90	0.74	0.0	1,0
1482	ok	s=20,m=11	0.16	8637.8	0.02	-874.5	1	327.3	68.7	0.79	0.80	0.0	1,21
1483	ok	s=20,m=11	0.15	8408.8	0.02	-821.5	1	327.3	68.7	0.79	0.80	0.0	1,14
1484	ok	s=19,m=11	0.07	-5266.0	0.07	-5266.0	1	151.9	22.8	0.26	0.99	0.0	1,1
1485	ok	s=19,m=11	0.07	-5315.1	0.07	-5315.1	1	151.9	22.8	0.26	0.99	0.0	1,1
1486	ok	s=8,m=11	0.13	-1.458e+04	0.13	-1.458e+04	2	223.0	23.5	0.27	0.98	0.0	1,1
1487	ok	s=8,m=11	0.04	-3882.4	0.04	-3882.4	2	223.0	23.5	0.27	0.98	0.0	37,37
1488	ok	s=8,m=11	0.13	-1.421e+04	0.13	-1.421e+04	2	223.0	23.5	0.27	0.98	0.0	1,1
1489	ok	s=8,m=11	0.04	-3956.2	0.04	-3956.2	2	223.0	23.5	0.27	0.98	0.0	38,38
1490	ok	s=20,m=11	0.43	-2.356e+04	0.49	-2.356e+04	1	268.7	56.4	0.65	0.87	0.0	1,1
1491	ok	s=20,m=11	0.42	-2.331e+04	0.48	-2.331e+04	1	268.7	56.4	0.65	0.87	0.0	1,1
1492	ok	s=11,m=11	0.03	-2469.1	0.03	-2469.1	2	160.0	21.1	0.24	0.99	0.0	1,1
1493	ok	s=17,m=11	0.14	-2.323e+04	0.14	-2.323e+04	4	220.1	15.5	0.18	1.00	0.0	1,1
1494	ok	s=17,m=11	0.15	-2.534e+04	0.15	-2.534e+04	4	220.1	15.5	0.18	1.00	0.0	1,1
1495	ok	s=20,m=11	0.23	-1.302e+04	0.26	-1.302e+04	1	219.3	46.0	0.53	0.91	0.0	1,1
1496	ok	s=20,m=11	0.23	-1.299e+04	0.26	-1.299e+04	1	219.3	46.0	0.53	0.91	0.0	1,1
1497	ok	s=20,m=11	0.05	-2500.0	0.05	-2500.0	1	279.2	58.6	0.67	0.86	0.0	21,21
1498	ok	s=20,m=11	0.05	-2516.8	0.05	-2516.8	1	279.2	58.6	0.67	0.86	0.0	14,14
1499	ok	s=20,m=11	0.10	5593.0	0.02	-1080.0	1	279.4	58.6	0.68	0.86	0.0	1,21
1500	ok	s=20,m=11	0.10	5490.4	0.02	-1019.6	1	279.4	58.6	0.68	0.86	0.0	1,14
1501	ok	s=19,m=11	0.05	3540.1	0.04	-3112.7	1	203.2	30.4	0.35	0.97	0.0	9,8
1502	ok	s=19,m=11	0.04	2777.2	0.02	-1773.7	1	203.2	30.4	0.35	0.97	0.0	18,15
1503	ok	s=20,m=11	0.31	1.739e+04			1	274.9	57.7	0.66	0.86	0.0	1,0
1504	ok	s=20,m=11	0.32	1.748e+04			1	274.9	57.7	0.66	0.86	0.0	1,0
1505	ok	s=20,m=11	0.43	2.394e+04			1	283.9	59.6	0.69	0.85	0.0	1,0
1506	ok	s=20,m=11	0.43	2.409e+04			1	283.9	59.6	0.69	0.85	0.0	1,0
1507	ok	s=21,m=11	0.15	-1.946e+04	0.16	-1.946e+04	3	414.5	36.8	0.42	0.95	0.0	1,1
1508	ok	s=21,m=11	0.15	-1.949e+04	0.16	-1.949e+04	3	414.5	36.8	0.42	0.95	0.0	1,1
1509	ok	s=8,m=11	0.44	-4.831e+04	0.46	-4.831e+04	2	319.2	33.7	0.39	0.96	0.0	1,1
1510	ok	s=8,m=11	0.34	-3.753e+04	0.36	-3.753e+04	2	319.2	33.7	0.39	0.96	0.0	1,1
1511	ok	s=8,m=11	0.44	-4.831e+04	0.46	-4.831e+04	2	319.2	33.7	0.39	0.96	0.0	1,1
1512	ok	s=8,m=11	0.34	-3.802e+04	0.36	-3.802e+04	2	319.2	33.7	0.39	0.96	0.0	1,1
1513	ok	s=20,m=11	0.07	3826.0	0.01	-560.9	1	282.2	59.2	0.68	0.86	0.0	1,22
1514	ok	s=20,m=11	0.07	3854.5	0.01	-501.7	1	282.2	59.2	0.68	0.86	0.0	1,13
1515	ok	s=20,m=11	0.17	9506.6			1	267.2	56.1	0.65	0.87	0.0	1,0
1516	ok	s=20,m=11	0.17	9593.0			1	267.2	56.1	0.65	0.87	0.0	1,0
1517	ok	s=20,m=11	0.07	4131.2	0.04	-1788.8	1	327.5	68.7	0.79	0.80	0.0	20,21
1518	ok	s=20,m=11	0.07	3650.2	0.04	-1559.1	1	327.5	68.7	0.79	0.80	0.0	11,14
1519	ok	s=19,m=11	0.20	-1.580e+04	0.21	-1.580e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1520	ok	s=19,m=11	0.20	-1.590e+04	0.21	-1.590e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1521	ok	s=20,m=11	0.32	-1.771e+04	0.37	-1.771e+04	1	268.9	56.4	0.65	0.87	0.0	1,1
1522	ok	s=20,m=11	0.32	-1.765e+04	0.37	-1.765e+04	1	268.9	56.4	0.65	0.87	0.0	1,1
1523	ok	s=17,m=11	0.17	-2.738e+04	0.17	-2.738e+04	4	220.1	15.5	0.18	1.00	0.0	1,1
1524	ok	s=17,m=11	0.18	-2.912e+04	0.18	-2.912e+04	4	220.1	15.5	0.18	1.00	0.0	1,1
1525	ok	s=18,m=11	0.43	4.727e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
1526	ok	s=18,m=11	0.43	4.721e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
1527	ok	s=18,m=11	0.24	2.602e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1528	ok	s=18,m=11	0.24	2.606e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1529	ok	s=3,m=11	0.09	-7711.7	0.09	-7711.7	2	160.0	21.1	0.24	0.99	0.0	1,1
1530	ok	s=3,m=11	0.09	-7757.1	0.09	-7757.1	2	160.0	21.1	0.24	0.99	0.0	1,1
1531	ok	s=19,m=11	0.04	3388.6	0.02	-1400.4	1	203.4	30.5	0.35	0.97	0.0	17,16
1532	ok	s=20,m=11	0.31	1.739e+04			1	279.4	58.6	0.68	0.86	0.0	1,0
1533	ok	s=20,m=11	0.31	1.731e+04			1	279.4	58.6	0.68	0.86	0.0	1,0
1534	ok	s=19,m=11	0.05	3567.5	9.20e-03	-689.3	1	203.4	30.5	0.35	0.97	0.0	1,7
1535	ok	s=20,m=11	0.32	1.757e+04			1	283.9	59.6	0.69	0.85	0.0	1,0
1536	ok	s=19,m=11	0.03	-2384.5	0.03	-2384.5	1	188.7	28.3	0.33	0.97	0.0	1,1
1537	ok	s=19,m=11	0.03	-2403.5	0.03	-2403.5	1	188.7	28.3	0.33	0.97	0.0	1,1
1538	ok	s=20,m=11	0.32	1.770e+04			1	283.9	59.6	0.69	0.85	0.0	1,0
1539	ok	s=19,m=11	0.10	-8139.7	0.11	-8139.7	1	151.9	22.8	0.26	0.99	0.0	1,1
1540	ok	s=19,m=11	0.10	-8147.1	0.11	-8147.1	1	151.9	22.8	0.26	0.99	0.0	1,1
1541	ok	s=19,m=11	0.03	-1978.8	0.03	-1978.8	1	166.9	25.0	0.29	0.98	0.0	20,20
1542	ok	s=19,m=11	0.03	-2009.2	0.03	-2009.2	1	166.9	25.0	0.29	0.98	0.0	11,11
1543	ok	s=19,m=11	0.04	-3318.2	0.04	-3318.2	1	188.7	28.3	0.33	0.97	0.0	1,1
1544	ok	s=19,m=11	0.04	-3319.7	0.04	-3319.7	1	188.7	28.3	0.33	0.97	0.0	1,1
1545	ok	s=20,m=11	0.04	-2031.5	0.05	-2031.5	1	327.6	68.7	0.79	0.80	0.0	21,21
1546	ok	s=20,m=11	0.03	-1805.0	0.04	-1805.0	1	327.6	68.7	0.79	0.80	0.0	14,14
1547	ok	s=17,m=11	0.23	-3.738e+04	0.23	-3.738e+04	4	220.1	15.5	0.18	1.00	0.0	1,1
1548	ok	s=17,m=11	0.24	-3.910e+04	0.24	-3.910e+04	4	220.1	15.5	0.18	1.00	0.0	1,1
1549	ok	s=19,m=11	0.15	-1.135e+04	0.15	-1.135e+04	1	181.3	27.2	0.31	0.97	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
1550	ok	s=19,m=11	0.15	-1.141e+04	0.15	-1.141e+04	1	181.3	27.2	0.31	0.97	0.0	1,1
1551	ok	s=20,m=11	0.23	-1.284e+04	0.27	-1.284e+04	1	269.2	56.5	0.65	0.87	0.0	1,1
1552	ok	s=20,m=11	0.23	-1.300e+04	0.27	-1.300e+04	1	269.2	56.5	0.65	0.87	0.0	1,1
1553	ok	s=19,m=11	0.15	-1.153e+04	0.15	-1.153e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1554	ok	s=19,m=11	0.15	-1.162e+04	0.15	-1.162e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1555	ok	s=15,m=11	0.06	8825.2	0.05	-6775.9	2	80.0	7.1	0.08	1.00	0.0	12,13
1556	ok	s=25,m=11	0.06	3543.7	0.06	-3184.8	1	324.0	59.5	0.69	0.85	0.0	12,13
1557	ok	s=15,m=11	0.03	4793.7	0.03	-4298.1	2	80.0	7.1	0.08	1.00	0.0	19,22
1558	ok	s=25,m=11	0.01	-919.2	0.02	-919.2	1	324.0	59.5	0.69	0.85	0.0	14,14
1559	ok	s=8,m=11	0.02	-2364.2	0.02	-2364.2	2	257.5	27.2	0.31	0.97	0.0	32,32
1560	ok	s=8,m=11	0.02	-2376.0	0.02	-2376.0	2	257.5	27.2	0.31	0.97	0.0	34,34
1561	ok	s=8,m=11	0.02	-2433.7	0.02	-2433.7	2	257.5	27.2	0.31	0.97	0.0	37,37
1562	ok	s=8,m=11	0.02	-2368.3	0.02	-2368.3	2	257.5	27.2	0.31	0.97	0.0	35,35
1563	ok	s=21,m=11	0.15	-1.991e+04	0.16	-1.991e+04	3	414.5	36.8	0.42	0.95	0.0	1,1
1564	ok	s=21,m=11	0.16	-2.080e+04	0.17	-2.080e+04	3	414.5	36.8	0.42	0.95	0.0	1,1
1565	ok	s=17,m=11	0.18	-2.929e+04	0.18	-2.929e+04	4	221.9	15.7	0.18	1.00	0.0	21,21
1566	ok	s=11,m=11	0.30	-2.604e+04	0.30	-2.604e+04	2	80.0	10.6	0.12	1.00	0.0	1,1
1567	ok	s=11,m=11	0.30	-2.652e+04	0.30	-2.652e+04	2	80.0	10.6	0.12	1.00	0.0	1,1
1568	ok	s=17,m=11	0.17	-2.776e+04	0.17	-2.776e+04	4	221.9	15.7	0.18	1.00	0.0	14,14
1569	ok	s=20,m=11	0.03	-1914.6	0.04	-1914.6	1	282.2	59.2	0.68	0.86	0.0	21,21
1570	ok	s=12,m=11	0.37	-3.271e+04	0.40	-3.271e+04	2	309.5	40.9	0.47	0.93	0.0	1,1
1571	ok	s=12,m=11	0.38	-3.360e+04	0.41	-3.360e+04	2	309.5	40.9	0.47	0.93	0.0	1,1
1572	ok	s=12,m=11	0.38	-3.308e+04	0.40	-3.308e+04	2	309.5	40.9	0.47	0.93	0.0	1,1
1573	ok	s=12,m=11	0.35	-3.112e+04	0.38	-3.112e+04	2	309.5	40.9	0.47	0.93	0.0	1,1
1574	ok	s=20,m=11	0.03	-1860.6	0.04	-1860.6	1	282.2	59.2	0.68	0.86	0.0	14,14
1575	ok	s=19,m=11	0.06	4858.1	5.88e-03	-440.3	1	203.7	30.5	0.35	0.97	0.0	1,16
1576	ok	s=19,m=11	0.07	5611.4			1	203.7	30.5	0.35	0.97	0.0	1,0
1577	ok	s=20,m=11	0.26	1.456e+04			1	267.2	56.1	0.65	0.87	0.0	1,0
1578	ok	s=20,m=11	0.26	1.457e+04			1	267.2	56.1	0.65	0.87	0.0	1,0
1579	ok	s=20,m=11	0.12	6617.7	3.54e-03	-167.5	1	283.9	59.6	0.69	0.85	0.0	1,20
1580	ok	s=20,m=11	0.12	6727.3	7.86e-04	-37.2	1	283.9	59.6	0.69	0.85	0.0	1,11
1581	ok	s=17,m=11	0.30	4.946e+04	0.17	-2.735e+04	4	220.2	15.5	0.18	1.00	0.0	20,21
1582	ok	s=17,m=11	0.27	4.433e+04	0.14	-2.314e+04	4	220.2	15.5	0.18	1.00	0.0	11,14
1583	ok	s=20,m=11	0.11	-6257.9	0.14	-6257.9	1	327.8	68.8	0.79	0.80	0.0	1,1
1584	ok	s=20,m=11	0.12	-6721.0	0.15	-6721.0	1	327.8	68.8	0.79	0.80	0.0	1,1
1585	ok	s=18,m=11	0.42	4.602e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1586	ok	s=18,m=11	0.42	4.606e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1587	ok	s=19,m=11	0.15	-1.162e+04	0.15	-1.162e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1588	ok	s=19,m=11	0.15	-1.157e+04	0.15	-1.157e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1589	ok	s=20,m=11	0.12	-6812.6	0.14	-6812.6	1	269.4	56.5	0.65	0.87	0.0	1,1
1590	ok	s=20,m=11	0.13	-7067.2	0.15	-7067.2	1	269.4	56.5	0.65	0.87	0.0	1,1
1591	ok	s=19,m=11	0.05	-4257.0	0.06	-4257.0	1	188.7	28.3	0.33	0.97	0.0	1,1
1592	ok	s=19,m=11	0.06	-4329.8	0.06	-4329.8	1	188.7	28.3	0.33	0.97	0.0	1,1
1593	ok	s=17,m=11	0.23	-3.787e+04	0.23	-3.787e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1594	ok	s=17,m=11	0.23	-3.850e+04	0.23	-3.850e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1595	ok	s=19,m=11	0.04	-2985.0	0.04	-2985.0	1	188.7	28.3	0.33	0.97	0.0	1,1
1596	ok	s=20,m=11	0.06	3497.8	0.02	-947.6	1	279.2	58.6	0.67	0.86	0.0	20,21
1597	ok	s=20,m=11	0.06	3548.0	0.02	-975.0	1	279.2	58.6	0.67	0.86	0.0	11,14
1598	ok	s=19,m=11	0.04	-3003.8	0.04	-3003.8	1	188.7	28.3	0.33	0.97	0.0	1,1
1599	ok	s=20,m=11	0.06	-3600.7	0.08	-3600.7	1	294.0	61.7	0.71	0.84	0.0	20,20
1600	ok	s=20,m=11	0.06	-3494.2	0.07	-3494.2	1	294.0	61.7	0.71	0.84	0.0	11,11
1601	ok	s=19,m=11	0.14	-1.109e+04	0.14	-1.109e+04	1	151.9	22.8	0.26	0.99	0.0	1,1
1602	ok	s=19,m=11	0.14	-1.108e+04	0.14	-1.108e+04	1	151.9	22.8	0.26	0.99	0.0	1,1
1603	ok	s=20,m=11	0.24	1.341e+04			1	274.9	57.7	0.66	0.86	0.0	1,0
1604	ok	s=20,m=11	0.24	1.349e+04			1	274.9	57.7	0.66	0.86	0.0	1,0
1605	ok	s=19,m=11	0.01	931.8	5.76e-03	-431.6	1	203.9	30.6	0.35	0.97	0.0	30,27
1606	ok	s=19,m=11	0.02	1339.4	3.81e-03	-285.3	1	203.9	30.6	0.35	0.97	0.0	1,24
1607	ok	s=17,m=11	0.29	-4.705e+04	0.29	-4.705e+04	4	216.0	15.3	0.18	1.00	0.0	20,20
1608	ok	s=17,m=11	0.29	-4.829e+04	0.29	-4.829e+04	4	216.0	15.3	0.18	1.00	0.0	11,11
1609	ok	s=20,m=11	0.04	2408.1	0.05	-2300.8	1	283.9	59.6	0.69	0.85	0.0	21,20
1610	ok	s=20,m=11	0.04	2350.4	0.05	-2155.7	1	283.9	59.6	0.69	0.85	0.0	14,11
1611	ok	s=20,m=11	0.20	-1.115e+04	0.25	-1.115e+04	1	327.9	68.8	0.79	0.80	0.0	1,1
1612	ok	s=20,m=11	0.21	-1.145e+04	0.26	-1.145e+04	1	327.9	68.8	0.79	0.80	0.0	1,1
1613	ok	s=17,m=11	0.19	-3.104e+04	0.19	-3.104e+04	4	220.2	15.5	0.18	1.00	0.0	21,21
1614	ok	s=17,m=11	0.16	-2.712e+04	0.16	-2.712e+04	4	220.2	15.5	0.18	1.00	0.0	14,14
1615	ok	s=21,m=11	0.14	-1.833e+04	0.15	-1.833e+04	3	414.5	36.8	0.42	0.95	0.0	1,1
1616	ok	s=21,m=11	0.14	-1.865e+04	0.15	-1.865e+04	3	414.5	36.8	0.42	0.95	0.0	1,1
1617	ok	s=20,m=11	0.06	-3117.8	0.06	-3117.8	1	269.6	56.6	0.65	0.87	0.0	1,1
1618	ok	s=18,m=11	0.24	2.642e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
1619	ok	s=18,m=11	0.24	2.637e+04			2	216.0	22.8	0.26	0.99	0.0	1,0
1620	ok	s=20,m=11	0.07	-3604.4	0.07	-3604.4	1	269.6	56.6	0.65	0.87	0.0	1,1
1621	ok	s=19,m=11	0.04	-3481.0	0.05	-3481.0	1	188.7	28.3	0.33	0.97	0.0	1,1
1622	ok	s=19,m=11	0.04	-3482.6	0.05	-3482.6	1	188.7	28.3	0.33	0.97	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
1623	ok	s=20,m=11	0.11	5935.7			1	290.9	61.0	0.70	0.85	0.0	1,0
1624	ok	s=20,m=11	0.11	5938.0			1	290.9	61.0	0.70	0.85	0.0	1,0
1625	ok	s=21,m=11	0.04	-5516.6	0.05	-5516.6	3	535.8	47.5	0.55	0.91	0.0	1,1
1626	ok	s=21,m=11	0.04	-5499.2	0.05	-5499.2	3	535.8	47.5	0.55	0.91	0.0	1,1
1627	ok	s=21,m=11	0.15	-1.924e+04	0.15	-1.924e+04	3	45.1	4.0	0.05	1.00	0.0	1,1
1628	ok	s=21,m=11	0.14	-1.844e+04	0.14	-1.844e+04	3	45.1	4.0	0.05	1.00	0.0	1,1
1629	ok	s=20,m=11	0.36	1.969e+04			1	267.2	56.1	0.65	0.87	0.0	1,0
1630	ok	s=20,m=11	0.36	1.967e+04			1	267.2	56.1	0.65	0.87	0.0	1,0
1631	ok	s=19,m=11	0.09	7373.4	6.43e-03	-480.5	1	208.3	31.2	0.36	0.96	0.0	1,15
1632	ok	s=19,m=11	0.09	7365.1	4.09e-03	-305.9	1	208.3	31.2	0.36	0.96	0.0	1,8
1633	ok	s=20,m=11	0.25	1.360e+04			1	279.4	58.6	0.68	0.86	0.0	1,0
1634	ok	s=20,m=11	0.24	1.352e+04			1	279.4	58.6	0.68	0.86	0.0	1,0
1635	ok	s=19,m=11	0.07	-5391.2	0.07	-5391.2	1	204.2	30.6	0.35	0.96	0.0	1,1
1636	ok	s=19,m=11	0.06	-5017.9	0.07	-5017.9	1	204.2	30.6	0.35	0.96	0.0	1,1
1637	ok	s=18,m=11	0.54	5.958e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1638	ok	s=18,m=11	0.54	5.962e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1639	ok	s=20,m=11	0.10	5436.0	0.02	-808.6	1	289.1	60.7	0.70	0.85	0.0	1,22
1640	ok	s=20,m=11	0.10	5333.9	0.02	-740.9	1	289.1	60.7	0.70	0.85	0.0	1,13
1641	ok	s=19,m=11	0.05	-4059.9	0.05	-4059.9	1	166.9	25.0	0.29	0.98	0.0	1,1
1642	ok	s=19,m=11	0.05	-4033.9	0.05	-4033.9	1	166.9	25.0	0.29	0.98	0.0	1,1
1643	ok	s=19,m=11	0.04	-3467.9	0.05	-3467.9	1	188.7	28.3	0.33	0.97	0.0	17,17
1644	ok	s=19,m=11	0.04	-3414.7	0.05	-3414.7	1	188.7	28.3	0.33	0.97	0.0	10,10
1645	ok	s=3,m=11	0.19	1.647e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
1646	ok	s=3,m=11	0.29	2.562e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
1647	ok	s=25,m=11	0.21	1.316e+04			1	300.3	55.1	0.63	0.88	0.0	1,0
1648	ok	s=3,m=11	0.10	9121.3			2	204.0	26.9	0.31	0.98	0.0	10,0
1649	ok	s=3,m=11	0.28	2.500e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
1650	ok	s=20,m=11	0.25	-1.395e+04	0.31	-1.395e+04	1	328.1	68.8	0.79	0.80	0.0	1,1
1651	ok	s=19,m=11	0.11	-8691.0	0.11	-8691.0	1	181.3	27.2	0.31	0.97	0.0	1,1
1652	ok	s=19,m=11	0.11	-8748.1	0.12	-8748.1	1	181.3	27.2	0.31	0.97	0.0	1,1
1653	ok	s=20,m=11	0.26	-1.416e+04	0.32	-1.416e+04	1	328.1	68.8	0.79	0.80	0.0	1,1
1654	ok	s=17,m=11	0.17	-2.822e+04	0.17	-2.822e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1655	ok	s=4,m=11	0.05	5576.4	0.02	-2501.9	2	258.2	27.3	0.31	0.97	0.0	11,14
1656	ok	s=4,m=11	0.10	1.185e+04	0.02	-2409.6	2	258.2	27.3	0.31	0.97	0.0	1,12
1657	ok	s=4,m=11	0.10	1.229e+04	0.03	-4132.1	2	258.2	27.3	0.31	0.97	0.0	22,19
1658	ok	s=4,m=11	0.07	9161.8	0.04	-4242.3	2	258.2	27.3	0.31	0.97	0.0	20,21
1659	ok	s=17,m=11	0.17	-2.863e+04	0.17	-2.863e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1660	ok	s=19,m=11	0.09	-6718.8	0.09	-6718.8	1	188.7	28.3	0.33	0.97	0.0	1,1
1661	ok	s=19,m=11	0.09	-6718.9	0.09	-6718.9	1	188.7	28.3	0.33	0.97	0.0	1,1
1662	ok	s=20,m=11	0.02	-1077.3	0.02	-1077.3	1	269.9	56.6	0.65	0.87	0.0	33,33
1663	ok	s=20,m=11	0.02	-1354.0	0.03	-1354.0	1	269.9	56.6	0.65	0.87	0.0	38,38
1664	ok	s=17,m=11	0.23	-3.725e+04	0.23	-3.725e+04	4	220.2	15.5	0.18	1.00	0.0	1,1
1665	ok	s=17,m=11	0.25	-4.047e+04	0.25	-4.047e+04	4	220.2	15.5	0.18	1.00	0.0	1,1
1666	ok	s=16,m=11	0.05	-5175.2	0.05	-5175.2	2	217.0	22.9	0.26	0.99	0.0	21,21
1667	ok	s=16,m=11	0.11	1.237e+04	0.10	-1.117e+04	2	217.0	22.9	0.26	0.99	0.0	16,17
1668	ok	s=26,m=11	0.30	1.675e+04	0.19	-7488.9	1	381.7	80.1	0.92	0.72	0.0	16,17
1669	ok	s=26,m=11	0.19	-1.062e+04	0.28	-1.062e+04	1	409.2	85.9	0.99	0.67	0.0	19,19
1670	ok	s=16,m=11	0.04	-4863.1	0.04	-4863.1	2	217.0	22.9	0.26	0.99	0.0	14,14
1671	ok	s=16,m=11	0.09	-1.004e+04	0.09	-1.004e+04	2	217.0	22.9	0.26	0.99	0.0	10,10
1672	ok	s=26,m=11	0.35	1.925e+04	0.22	-8657.5	1	381.7	80.1	0.92	0.72	0.0	7,10
1673	ok	s=26,m=11	0.26	-1.427e+04	0.38	-1.427e+04	1	409.2	85.9	0.99	0.67	0.0	15,15
1674	ok	s=19,m=11	0.08	-6464.9	0.09	-6464.9	1	188.7	28.3	0.33	0.97	0.0	1,1
1675	ok	s=19,m=11	0.08	-6398.3	0.08	-6398.3	1	188.7	28.3	0.33	0.97	0.0	1,1
1676	ok	s=7,m=11	0.02	-2239.4	0.02	-2239.4	3	160.0	14.2	0.16	1.00	0.0	33,33
1677	ok	s=7,m=11	0.02	-2241.6	0.02	-2241.6	3	160.0	14.2	0.16	1.00	0.0	38,38
1678	ok	s=19,m=11	0.12	-8938.7	0.12	-8938.7	1	204.5	30.6	0.35	0.96	0.0	1,1
1679	ok	s=19,m=11	0.11	-8796.6	0.12	-8796.6	1	204.5	30.6	0.35	0.96	0.0	1,1
1680	ok	s=20,m=11	0.34	1.893e+04			1	311.2	65.3	0.75	0.82	0.0	1,0
1681	ok	s=20,m=11	0.34	1.883e+04			1	311.2	65.3	0.75	0.82	0.0	1,0
1682	ok	s=20,m=11	0.18	1.012e+04			1	289.1	60.7	0.70	0.85	0.0	1,0
1683	ok	s=20,m=11	0.18	1.002e+04			1	289.1	60.7	0.70	0.85	0.0	1,0
1684	ok	s=7,m=11	0.18	2.389e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
1685	ok	s=7,m=11	0.12	1.602e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
1686	ok	s=7,m=11	0.18	2.394e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
1687	ok	s=7,m=11	0.12	1.632e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
1688	ok	s=19,m=11	0.12	-9030.3	0.12	-9030.3	1	188.7	28.3	0.33	0.97	0.0	1,1
1689	ok	s=19,m=11	0.12	-8974.4	0.12	-8974.4	1	188.7	28.3	0.33	0.97	0.0	1,1
1690	ok	s=20,m=11	0.31	-1.741e+04	0.39	-1.741e+04	1	328.2	68.9	0.79	0.80	0.0	1,1
1691	ok	s=20,m=11	0.32	-1.766e+04	0.40	-1.766e+04	1	328.2	68.9	0.79	0.80	0.0	1,1
1692	ok	s=20,m=11	0.19	1.063e+04			1	290.9	61.0	0.70	0.85	0.0	1,0
1693	ok	s=20,m=11	0.19	1.063e+04			1	290.9	61.0	0.70	0.85	0.0	1,0
1694	ok	s=20,m=11	0.09	4733.6			1	270.1	56.7	0.65	0.87	0.0	1,0
1695	ok	s=20,m=11	0.08	4300.2			1	270.1	56.7	0.65	0.87	0.0	1,0

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
1696	ok	s=11,m=11	0.18	1.560e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
1697	ok	s=11,m=11	0.22	1.967e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
1698	ok	s=11,m=11	0.18	1.575e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
1699	ok	s=11,m=11	0.21	1.843e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
1700	ok	s=19,m=11	0.18	-1.377e+04	0.19	-1.377e+04	1	228.6	34.3	0.39	0.95	0.0	1,1
1701	ok	s=19,m=11	0.18	-1.370e+04	0.18	-1.370e+04	1	228.6	34.3	0.39	0.95	0.0	1,1
1702	ok	s=17,m=11	0.33	-5.369e+04	0.33	-5.369e+04	4	220.2	15.5	0.18	1.00	0.0	1,1
1703	ok	s=17,m=11	0.35	-5.766e+04	0.35	-5.766e+04	4	220.2	15.5	0.18	1.00	0.0	1,1
1704	ok	s=19,m=11	0.11	-8902.3	0.12	-8902.3	1	188.7	28.3	0.33	0.97	0.0	1,1
1705	ok	s=20,m=11	0.13	7039.7			1	279.2	58.6	0.67	0.86	0.0	1,0
1706	ok	s=20,m=11	0.13	6996.1			1	279.2	58.6	0.67	0.86	0.0	1,0
1707	ok	s=19,m=11	0.11	-8835.9	0.12	-8835.9	1	188.7	28.3	0.33	0.97	0.0	1,1
1708	ok	s=21,m=11	0.12	-1.623e+04	0.12	-1.623e+04	3	90.3	8.0	0.09	1.00	0.0	1,1
1709	ok	s=21,m=11	0.12	-1.560e+04	0.12	-1.560e+04	3	90.3	8.0	0.09	1.00	0.0	1,1
1710	ok	s=20,m=11	0.10	5606.6	0.04	-1999.4	1	294.0	61.7	0.71	0.84	0.0	17,16
1711	ok	s=20,m=11	0.10	5523.3	0.04	-1882.8	1	294.0	61.7	0.71	0.84	0.0	10,7
1712	ok	s=20,m=11	0.16	9121.1			1	274.9	57.7	0.66	0.86	0.0	1,0
1713	ok	s=20,m=11	0.17	9191.5			1	274.9	57.7	0.66	0.86	0.0	1,0
1714	ok	s=18,m=11	0.60	6.641e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1715	ok	s=18,m=11	0.60	6.644e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1716	ok	s=19,m=11	0.17	-1.289e+04	0.17	-1.289e+04	1	204.8	30.7	0.35	0.96	0.0	1,1
1717	ok	s=19,m=11	0.17	-1.320e+04	0.18	-1.320e+04	1	204.8	30.7	0.35	0.96	0.0	1,1
1718	ok	s=7,m=11	0.06	7560.7			3	80.0	7.1	0.08	1.00	0.0	1,0
1719	ok	s=7,m=11	0.06	7444.1			3	80.0	7.1	0.08	1.00	0.0	1,0
1720	ok	s=17,m=11	0.21	-3.482e+04	0.21	-3.482e+04	4	216.0	15.3	0.18	1.00	0.0	19,19
1721	ok	s=17,m=11	0.22	-3.559e+04	0.22	-3.559e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
1722	ok	s=20,m=11	0.36	-1.983e+04	0.43	-1.983e+04	1	296.7	62.3	0.72	0.84	0.0	1,1
1723	ok	s=20,m=11	0.14	7707.1			1	294.4	61.8	0.71	0.84	0.0	1,0
1724	ok	s=20,m=11	0.38	-2.085e+04	0.45	-2.085e+04	1	296.7	62.3	0.72	0.84	0.0	1,1
1725	ok	s=20,m=11	0.15	8527.8			1	294.4	61.8	0.71	0.84	0.0	1,0
1726	ok	s=17,m=11	0.14	-2.295e+04	0.14	-2.295e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1727	ok	s=20,m=11	0.28	1.545e+04			1	311.2	65.3	0.75	0.82	0.0	1,0
1728	ok	s=20,m=11	0.28	1.535e+04			1	311.2	65.3	0.75	0.82	0.0	1,0
1729	ok	s=17,m=11	0.14	-2.329e+04	0.14	-2.329e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1730	ok	s=20,m=11	0.25	1.386e+04			1	289.1	60.7	0.70	0.85	0.0	1,0
1731	ok	s=20,m=11	0.25	1.375e+04			1	289.1	60.7	0.70	0.85	0.0	1,0
1732	ok	s=19,m=11	0.12	-9594.6	0.13	-9594.6	1	188.7	28.3	0.33	0.97	0.0	1,1
1733	ok	s=19,m=11	0.12	-9572.7	0.13	-9572.7	1	188.7	28.3	0.33	0.97	0.0	1,1
1734	ok	s=17,m=11	0.17	-2.836e+04	0.17	-2.836e+04	4	221.3	15.6	0.18	1.00	0.0	1,1
1735	ok	s=17,m=11	0.17	-2.829e+04	0.17	-2.829e+04	4	221.3	15.6	0.18	1.00	0.0	1,1
1736	ok	s=20,m=11	0.38	-2.128e+04	0.48	-2.128e+04	1	328.4	68.9	0.79	0.80	0.0	1,1
1737	ok	s=20,m=11	0.40	-2.201e+04	0.50	-2.201e+04	1	328.4	68.9	0.79	0.80	0.0	1,1
1738	ok	s=20,m=11	0.26	1.468e+04			1	270.4	56.7	0.65	0.87	0.0	1,0
1739	ok	s=20,m=11	0.26	1.459e+04			1	270.4	56.7	0.65	0.87	0.0	1,0
1740	ok	s=19,m=11	0.14	-1.118e+04	0.15	-1.118e+04	1	228.6	34.3	0.39	0.95	0.0	1,1
1741	ok	s=19,m=11	0.14	-1.110e+04	0.15	-1.110e+04	1	228.6	34.3	0.39	0.95	0.0	1,1
1742	ok	s=19,m=11	0.14	-1.061e+04	0.14	-1.061e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1743	ok	s=19,m=11	0.14	-1.055e+04	0.14	-1.055e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1744	ok	s=20,m=11	0.17	9386.7			1	279.4	58.6	0.68	0.86	0.0	1,0
1745	ok	s=20,m=11	0.17	9304.1			1	279.4	58.6	0.68	0.86	0.0	1,0
1746	ok	s=17,m=11	0.36	-5.999e+04	0.36	-5.999e+04	4	220.2	15.5	0.18	1.00	0.0	1,1
1747	ok	s=17,m=11	0.39	-6.378e+04	0.39	-6.378e+04	4	220.2	15.5	0.18	1.00	0.0	1,1
1748	ok	s=12,m=11	0.16	-1.383e+04	0.16	-1.383e+04	2	220.2	29.1	0.33	0.97	0.0	21,21
1749	ok	s=12,m=11	0.15	-1.305e+04	0.15	-1.305e+04	2	220.2	29.1	0.33	0.97	0.0	19,19
1750	ok	s=12,m=11	0.14	-1.240e+04	0.15	-1.240e+04	2	220.2	29.1	0.33	0.97	0.0	12,12
1751	ok	s=12,m=11	0.15	-1.333e+04	0.16	-1.333e+04	2	220.2	29.1	0.33	0.97	0.0	14,14
1752	ok	s=8,m=11	0.02	2043.6	0.01	-1528.3	2	257.0	27.1	0.31	0.97	0.0	35,38
1753	ok	s=8,m=11	0.01	-1455.6	0.01	-1455.6	2	257.0	27.1	0.31	0.97	0.0	32,32
1754	ok	s=8,m=11	0.01	1454.5	0.01	-1454.3	2	257.0	27.1	0.31	0.97	0.0	38,35
1755	ok	s=8,m=11	0.02	2021.4	0.01	-1569.8	2	257.0	27.1	0.31	0.97	0.0	36,37
1756	ok	s=20,m=11	0.27	1.506e+04			1	290.9	61.0	0.70	0.85	0.0	1,0
1757	ok	s=20,m=11	0.27	1.503e+04			1	290.9	61.0	0.70	0.85	0.0	1,0
1758	ok	s=19,m=11	0.08	-6324.3	0.08	-6324.3	1	166.9	25.0	0.29	0.98	0.0	1,1
1759	ok	s=19,m=11	0.08	-6277.7	0.08	-6277.7	1	166.9	25.0	0.29	0.98	0.0	1,1
1760	ok	s=20,m=11	0.21	1.146e+04			1	311.2	65.3	0.75	0.82	0.0	1,0
1761	ok	s=20,m=11	0.20	1.134e+04			1	311.2	65.3	0.75	0.82	0.0	1,0
1762	ok	s=19,m=11	0.08	-6247.4	0.08	-6247.4	1	188.7	28.3	0.33	0.97	0.0	1,1
1763	ok	s=19,m=11	0.08	-6309.5	0.08	-6309.5	1	188.7	28.3	0.33	0.97	0.0	1,1
1764	ok	s=20,m=11	0.30	1.647e+04			1	289.1	60.7	0.70	0.85	0.0	1,0
1765	ok	s=20,m=11	0.30	1.637e+04			1	289.1	60.7	0.70	0.85	0.0	1,0
1766	ok	s=19,m=11	0.08	-5864.8	0.08	-5864.8	1	181.3	27.2	0.31	0.97	0.0	1,1
1767	ok	s=19,m=11	0.08	-5911.2	0.08	-5911.2	1	181.3	27.2	0.31	0.97	0.0	1,1
1768	ok	s=19,m=11	0.15	-1.186e+04	0.16	-1.186e+04	1	201.7	30.2	0.35	0.97	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
1769	ok	s=19,m=11	0.15	-1.133e+04	0.15	-1.133e+04	1	201.7	30.2	0.35	0.97	0.0	1,1
1770	ok	s=15,m=11	0.15	2.184e+04	2.12e-03	-310.8	2	80.0	7.1	0.08	1.00	0.0	1,21
1771	ok	s=25,m=11	0.07	4172.6	9.56e-03	-497.6	1	356.0	65.3	0.75	0.82	0.0	1,21
1772	ok	s=15,m=11	0.16	2.292e+04	3.90e-03	-572.1	2	80.0	7.1	0.08	1.00	0.0	1,14
1773	ok	s=25,m=11	0.08	4843.2	5.67e-03	-295.1	1	356.0	65.3	0.75	0.82	0.0	1,14
1774	ok	s=18,m=11	0.54	5.921e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1775	ok	s=18,m=11	0.54	5.920e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1776	ok	s=19,m=11	0.11	-8246.2	0.11	-8246.2	1	228.6	34.3	0.39	0.95	0.0	1,1
1777	ok	s=19,m=11	0.11	-8162.4	0.11	-8162.4	1	228.6	34.3	0.39	0.95	0.0	1,1
1778	ok	s=21,m=11	0.10	-1.263e+04	0.10	-1.263e+04	3	135.4	12.0	0.14	1.00	0.0	1,1
1779	ok	s=21,m=11	0.09	-1.229e+04	0.09	-1.229e+04	3	135.4	12.0	0.14	1.00	0.0	1,1
1780	ok	s=19,m=11	0.15	-1.141e+04	0.15	-1.141e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1781	ok	s=19,m=11	0.15	-1.137e+04	0.15	-1.137e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1782	ok	s=20,m=11	0.47	-2.582e+04	0.56	-2.582e+04	1	298.8	62.7	0.72	0.84	0.0	1,1
1783	ok	s=20,m=11	0.20	1.135e+04			1	296.5	62.2	0.72	0.84	0.0	1,0
1784	ok	s=20,m=11	0.47	-2.590e+04	0.56	-2.590e+04	1	298.8	62.7	0.72	0.84	0.0	1,1
1785	ok	s=20,m=11	0.21	1.168e+04			1	296.5	62.2	0.72	0.84	0.0	1,0
1786	ok	s=17,m=11	0.12	-2.010e+04	0.12	-2.010e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1787	ok	s=17,m=11	0.12	-2.029e+04	0.12	-2.029e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1788	ok	s=20,m=11	0.19	1.048e+04			1	369.6	77.6	0.89	0.74	0.0	1,0
1789	ok	s=20,m=11	0.19	1.045e+04			1	369.6	77.6	0.89	0.74	0.0	1,0
1790	ok	s=19,m=11	0.16	-1.234e+04	0.16	-1.234e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1791	ok	s=19,m=11	0.16	-1.231e+04	0.16	-1.231e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1792	ok	s=17,m=11	0.35	-5.737e+04	0.35	-5.737e+04	4	220.2	15.5	0.18	1.00	0.0	1,1
1793	ok	s=17,m=11	0.37	-6.085e+04	0.37	-6.085e+04	4	220.2	15.5	0.18	1.00	0.0	1,1
1794	ok	s=3,m=11	0.15	-1.295e+04	0.15	-1.295e+04	2	160.0	21.1	0.24	0.99	0.0	1,1
1795	ok	s=3,m=11	0.12	-1.056e+04	0.12	-1.056e+04	2	160.0	21.1	0.24	0.99	0.0	1,1
1796	ok	s=20,m=11	0.12	6794.6	0.02	-996.7	1	311.2	65.3	0.75	0.82	0.0	1,22
1797	ok	s=20,m=11	0.12	6675.5	0.02	-905.4	1	311.2	65.3	0.75	0.82	0.0	1,13
1798	ok	s=21,m=11	0.05	-6304.0	0.05	-6304.0	3	428.7	38.0	0.44	0.94	0.0	1,1
1799	ok	s=19,m=11	0.08	-6182.3	0.08	-6182.3	1	188.7	28.3	0.33	0.97	0.0	1,1
1800	ok	s=19,m=11	0.08	-6126.4	0.08	-6126.4	1	188.7	28.3	0.33	0.97	0.0	1,1
1801	ok	s=21,m=11	0.05	-6303.7	0.05	-6303.7	3	428.7	38.0	0.44	0.94	0.0	1,1
1802	ok	s=20,m=11	0.32	1.765e+04			1	289.1	60.7	0.70	0.85	0.0	1,0
1803	ok	s=20,m=11	0.32	1.759e+04			1	289.1	60.7	0.70	0.85	0.0	1,0
1804	ok	s=20,m=11	0.35	-1.964e+04	0.39	-1.964e+04	1	219.0	46.0	0.53	0.91	0.0	1,1
1805	ok	s=20,m=11	0.35	-1.957e+04	0.39	-1.957e+04	1	219.0	46.0	0.53	0.91	0.0	1,1
1806	ok	s=12,m=11	0.28	-2.442e+04	0.30	-2.442e+04	2	304.7	40.2	0.46	0.94	0.0	1,1
1807	ok	s=12,m=11	0.34	-2.966e+04	0.36	-2.966e+04	2	304.7	40.2	0.46	0.94	0.0	1,1
1808	ok	s=12,m=11	0.28	-2.451e+04	0.30	-2.451e+04	2	304.7	40.2	0.46	0.94	0.0	1,1
1809	ok	s=12,m=11	0.31	-2.756e+04	0.33	-2.756e+04	2	304.7	40.2	0.46	0.94	0.0	1,1
1810	ok	s=20,m=11	0.20	1.083e+04			1	279.2	58.6	0.67	0.86	0.0	1,0
1811	ok	s=20,m=11	0.19	1.075e+04			1	279.2	58.6	0.67	0.86	0.0	1,0
1812	ok	s=19,m=11	0.14	-1.077e+04	0.14	-1.077e+04	1	205.1	30.7	0.35	0.96	0.0	1,1
1813	ok	s=20,m=11	0.18	9992.7	7.69e-03	-358.9	1	294.0	61.7	0.71	0.84	0.0	1,16
1814	ok	s=20,m=11	0.18	1.009e+04	5.13e-03	-239.8	1	294.0	61.7	0.71	0.84	0.0	1,7
1815	ok	s=19,m=11	0.13	-1.036e+04	0.14	-1.036e+04	1	205.1	30.7	0.35	0.96	0.0	1,1
1816	ok	s=19,m=11	0.04	-3424.6	0.05	-3424.6	1	228.6	34.3	0.39	0.95	0.0	1,1
1817	ok	s=19,m=11	0.04	-3425.1	0.05	-3425.1	1	228.6	34.3	0.39	0.95	0.0	1,1
1818	ok	s=20,m=11	0.08	4490.3			1	274.9	57.7	0.66	0.86	0.0	1,0
1819	ok	s=20,m=11	0.08	4549.7			1	274.9	57.7	0.66	0.86	0.0	1,0
1820	ok	s=20,m=11	0.35	1.923e+04			1	290.9	61.0	0.70	0.85	0.0	1,0
1821	ok	s=20,m=11	0.35	1.918e+04			1	290.9	61.0	0.70	0.85	0.0	1,0
1822	ok	s=17,m=11	0.17	-2.780e+04	0.17	-2.780e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
1823	ok	s=17,m=11	0.17	-2.882e+04	0.17	-2.882e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
1824	ok	s=20,m=11	0.04	2433.2	9.61e-03	-448.6	1	294.4	61.8	0.71	0.84	0.0	16,17
1825	ok	s=20,m=11	0.32	-1.774e+04	0.38	-1.774e+04	1	296.7	62.3	0.72	0.84	0.0	1,1
1826	ok	s=20,m=11	0.06	3305.8	0.02	-985.8	1	294.4	61.8	0.71	0.84	0.0	7,10
1827	ok	s=20,m=11	0.33	-1.814e+04	0.39	-1.814e+04	1	296.7	62.3	0.72	0.84	0.0	1,1
1828	ok	s=17,m=11	0.15	2.406e+04	0.09	-1.403e+04	4	216.0	15.3	0.18	1.00	0.0	20,21
1829	ok	s=17,m=11	0.14	2.353e+04	0.08	-1.317e+04	4	216.0	15.3	0.18	1.00	0.0	11,14
1830	ok	s=17,m=11	0.28	-4.624e+04	0.28	-4.624e+04	4	220.2	15.5	0.18	1.00	0.0	1,1
1831	ok	s=17,m=11	0.30	-4.870e+04	0.30	-4.870e+04	4	220.2	15.5	0.18	1.00	0.0	1,1
1832	ok	s=20,m=11	0.08	-4232.6	0.09	-4232.6	1	317.3	66.6	0.77	0.81	0.0	19,19
1833	ok	s=20,m=11	0.07	-4039.6	0.09	-4039.6	1	317.3	66.6	0.77	0.81	0.0	12,12
1834	ok	s=18,m=11	0.23	2.496e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
1835	ok	s=18,m=11	0.23	2.498e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
1836	ok	s=18,m=11	0.41	4.552e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1837	ok	s=18,m=11	0.41	4.549e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1838	ok	s=7,m=11	0.02	-2298.4	0.02	-2298.4	3	160.0	14.2	0.16	1.00	0.0	33,33
1839	ok	s=7,m=11	0.02	-2299.9	0.02	-2299.9	3	160.0	14.2	0.16	1.00	0.0	38,38
1840	ok	s=25,m=11	0.07	-4604.3	0.10	-4604.3	1	414.9	76.2	0.88	0.75	0.0	8,8
1841	ok	s=4,m=11	0.44	-5.384e+04	0.46	-5.384e+04	2	319.2	33.8	0.39	0.96	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
1842	ok	s=4,m=11	0.72	-8.872e+04	0.75	-8.872e+04	2	319.2	33.8	0.39	0.96	0.0	1,1
1843	ok	s=4,m=11	0.42	-5.123e+04	0.44	-5.123e+04	2	319.2	33.8	0.39	0.96	0.0	1,1
1844	ok	s=4,m=11	0.71	-8.802e+04	0.75	-8.802e+04	2	319.2	33.8	0.39	0.96	0.0	1,1
1845	ok	s=20,m=11	0.06	3575.2	0.01	-611.6	1	296.5	62.2	0.72	0.84	0.0	1,37
1846	ok	s=20,m=11	0.36	-2.013e+04	0.43	-2.013e+04	1	298.8	62.7	0.72	0.84	0.0	1,1
1847	ok	s=8,m=11	0.35	-3.811e+04	0.36	-3.811e+04	2	313.7	33.1	0.38	0.96	0.0	1,1
1848	ok	s=8,m=11	0.25	-2.758e+04	0.26	-2.758e+04	2	313.7	33.1	0.38	0.96	0.0	1,1
1849	ok	s=8,m=11	0.35	-3.817e+04	0.36	-3.817e+04	2	313.7	33.1	0.38	0.96	0.0	1,1
1850	ok	s=8,m=11	0.25	-2.806e+04	0.27	-2.806e+04	2	313.7	33.1	0.38	0.96	0.0	1,1
1851	ok	s=20,m=11	0.07	3665.2	0.01	-549.2	1	296.5	62.2	0.72	0.84	0.0	1,34
1852	ok	s=20,m=11	0.36	-2.006e+04	0.43	-2.006e+04	1	298.8	62.7	0.72	0.84	0.0	1,1
1853	ok	s=17,m=11	0.11	-1.877e+04	0.11	-1.877e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1854	ok	s=17,m=11	0.11	-1.865e+04	0.11	-1.865e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1855	ok	s=20,m=11	0.09	4797.8			1	279.4	58.6	0.68	0.86	0.0	1,0
1856	ok	s=20,m=11	0.09	4715.1			1	279.4	58.6	0.68	0.86	0.0	1,0
1857	ok	s=19,m=11	0.04	-2934.2	0.04	-2934.2	1	228.6	34.3	0.39	0.95	0.0	21,21
1858	ok	s=19,m=11	0.04	-2877.6	0.04	-2877.6	1	228.6	34.3	0.39	0.95	0.0	14,14
1859	ok	s=21,m=11	0.08	-1.023e+04	0.08	-1.023e+04	3	180.6	16.0	0.18	1.00	0.0	1,1
1860	ok	s=21,m=11	0.08	-1.018e+04	0.08	-1.018e+04	3	180.6	16.0	0.18	1.00	0.0	1,1
1861	ok	s=16,m=11	0.11	-1.218e+04	0.11	-1.218e+04	2	216.4	22.8	0.26	0.99	0.0	14,14
1862	ok	s=16,m=11	0.09	1.036e+04	0.07	-8072.4	2	216.4	22.8	0.26	0.99	0.0	20,21
1863	ok	s=26,m=11	0.11	5917.5	0.06	-2296.2	1	408.9	85.8	0.99	0.67	0.0	11,14
1864	ok	s=26,m=11	0.05	-2766.1	0.08	-2766.1	1	429.9	90.2	1.04	0.64	0.0	11,11
1865	ok	s=16,m=11	0.10	1.088e+04	0.08	-8158.3	2	216.4	22.8	0.26	0.99	0.0	11,14
1866	ok	s=16,m=11	0.12	-1.296e+04	0.12	-1.296e+04	2	216.4	22.8	0.26	0.99	0.0	1,1
1867	ok	s=26,m=11	0.15	8582.8	0.09	-3382.2	1	408.9	85.8	0.99	0.67	0.0	20,21
1868	ok	s=26,m=11	0.09	-4971.4	0.14	-4971.4	1	429.9	90.2	1.04	0.64	0.0	20,20
1869	ok	s=19,m=11	0.11	-8724.3	0.11	-8724.3	1	166.9	25.0	0.29	0.98	0.0	1,1
1870	ok	s=19,m=11	0.11	-8623.8	0.11	-8623.8	1	166.9	25.0	0.29	0.98	0.0	1,1
1871	ok	s=19,m=11	0.12	-9200.2	0.12	-9200.2	1	188.7	28.3	0.33	0.97	0.0	1,1
1872	ok	s=19,m=11	0.12	-9246.3	0.12	-9246.3	1	188.7	28.3	0.33	0.97	0.0	1,1
1873	ok	s=19,m=11	0.04	-3005.3	0.04	-3005.3	1	181.3	27.2	0.31	0.97	0.0	1,1
1874	ok	s=19,m=11	0.04	-3006.7	0.04	-3006.7	1	181.3	27.2	0.31	0.97	0.0	1,1
1875	ok	s=20,m=11	0.08	4257.6	0.05	-2414.0	1	317.3	66.6	0.77	0.81	0.0	21,20
1876	ok	s=20,m=11	0.08	4179.3	0.05	-2232.7	1	317.3	66.6	0.77	0.81	0.0	14,11
1877	ok	s=17,m=11	0.17	-2.727e+04	0.17	-2.727e+04	4	220.2	15.5	0.18	1.00	0.0	1,1
1878	ok	s=17,m=11	0.17	-2.871e+04	0.17	-2.871e+04	4	220.2	15.5	0.18	1.00	0.0	1,1
1879	ok	s=18,m=11	0.41	4.482e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
1880	ok	s=18,m=11	0.41	4.485e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
1881	ok	s=19,m=11	0.12	-9209.9	0.12	-9209.9	1	205.1	30.7	0.35	0.96	0.0	1,1
1882	ok	s=19,m=11	0.12	-9066.9	0.12	-9066.9	1	205.1	30.7	0.35	0.96	0.0	1,1
1883	ok	s=19,m=11	0.11	-8248.2	0.11	-8248.2	1	201.7	30.2	0.35	0.97	0.0	12,12
1884	ok	s=19,m=11	0.09	-7141.6	0.10	-7141.6	1	201.7	30.2	0.35	0.97	0.0	19,19
1885	ok	s=18,m=11	0.21	2.347e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1886	ok	s=18,m=11	0.21	2.349e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1887	ok	s=17,m=11	0.29	-4.852e+04	0.29	-4.852e+04	4	221.9	15.7	0.18	1.00	0.0	22,22
1888	ok	s=17,m=11	0.28	-4.620e+04	0.28	-4.620e+04	4	221.9	15.7	0.18	1.00	0.0	13,13
1889	ok	s=19,m=11	0.07	-5534.8	0.07	-5534.8	1	228.6	34.3	0.39	0.95	0.0	1,1
1890	ok	s=19,m=11	0.07	-5619.4	0.08	-5619.4	1	228.6	34.3	0.39	0.95	0.0	1,1
1891	ok	s=8,m=11	0.01	1392.5	5.62e-03	-604.3	2	256.5	27.1	0.31	0.97	0.0	33,32
1892	ok	s=8,m=11	0.02	1967.9	7.29e-03	-783.0	2	256.5	27.1	0.31	0.97	0.0	23,26
1893	ok	s=8,m=11	0.02	1965.7	7.87e-03	-845.7	2	256.5	27.1	0.31	0.97	0.0	28,29
1894	ok	s=8,m=11	0.01	1458.2	5.66e-03	-608.5	2	256.5	27.1	0.31	0.97	0.0	38,35
1895	ok	s=4,m=11	0.14	1.709e+04			2	257.5	27.2	0.31	0.97	0.0	1,0
1896	ok	s=4,m=11	0.02	2778.4	3.57e-03	-429.1	2	257.5	27.2	0.31	0.97	0.0	13,12
1897	ok	s=18,m=11	0.23	2.564e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1898	ok	s=4,m=11	0.07	8797.2	9.92e-03	-1190.8	2	257.5	27.2	0.31	0.97	0.0	20,21
1899	ok	s=4,m=11	0.10	1.201e+04	0.02	-2109.8	2	257.5	27.2	0.31	0.97	0.0	1,19
1900	ok	s=18,m=11	0.23	2.561e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1901	ok	s=19,m=11	0.04	-3056.5	0.04	-3056.5	1	188.7	28.3	0.33	0.97	0.0	1,1
1902	ok	s=19,m=11	0.04	-3056.5	0.04	-3056.5	1	188.7	28.3	0.33	0.97	0.0	1,1
1903	ok	s=20,m=11	0.29	-1.625e+04	0.35	-1.625e+04	1	298.8	62.7	0.72	0.84	0.0	1,1
1904	ok	s=20,m=11	0.04	-2299.9	0.05	-2299.9	1	296.5	62.2	0.72	0.84	0.0	37,37
1905	ok	s=20,m=11	0.29	-1.620e+04	0.35	-1.620e+04	1	298.8	62.7	0.72	0.84	0.0	1,1
1906	ok	s=20,m=11	0.04	-2306.6	0.05	-2306.6	1	296.5	62.2	0.72	0.84	0.0	34,34
1907	ok	s=20,m=11	0.14	7919.2	0.01	-582.8	1	317.3	66.6	0.77	0.81	0.0	1,20
1908	ok	s=20,m=11	0.15	8036.6	9.26e-03	-417.7	1	317.3	66.6	0.77	0.81	0.0	1,11
1909	ok	s=17,m=11	0.13	-2.165e+04	0.13	-2.165e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1910	ok	s=17,m=11	0.13	-2.149e+04	0.13	-2.149e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1911	ok	s=18,m=11	0.53	5.878e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
1912	ok	s=18,m=11	0.53	5.881e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
1913	ok	s=17,m=11	0.07	1.104e+04	0.05	-8916.4	4	220.2	15.5	0.18	1.00	0.0	22,19
1914	ok	s=17,m=11	0.06	9728.9	0.05	-7699.9	4	220.2	15.5	0.18	1.00	0.0	13,12

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
1915	ok	s=11,m=11	0.13	1.150e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
1916	ok	s=11,m=11	0.16	1.416e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
1917	ok	s=11,m=11	0.13	1.143e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
1918	ok	s=11,m=11	0.15	1.305e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
1919	ok	s=20,m=11	0.27	1.479e+04			1	279.2	58.6	0.67	0.86	0.0	1,0
1920	ok	s=20,m=11	0.26	1.462e+04			1	279.2	58.6	0.67	0.86	0.0	1,0
1921	ok	s=20,m=11	0.26	1.459e+04			1	294.0	61.7	0.71	0.84	0.0	1,0
1922	ok	s=20,m=11	0.26	1.466e+04			1	294.0	61.7	0.71	0.84	0.0	1,0
1923	ok	s=8,m=11	0.06	-6963.4	0.06	-6963.4	2	221.4	23.4	0.27	0.98	0.0	1,1
1924	ok	s=8,m=11	0.23	-2.548e+04	0.23	-2.548e+04	2	221.4	23.4	0.27	0.98	0.0	1,1
1925	ok	s=20,m=11	0.01	777.1	0.01	-597.9	1	288.9	60.6	0.70	0.85	0.0	20,21
1926	ok	s=20,m=11	0.01	795.6	0.01	-611.9	1	288.9	60.6	0.70	0.85	0.0	11,14
1927	ok	s=8,m=11	0.06	-7126.8	0.07	-7126.8	2	221.4	23.4	0.27	0.98	0.0	1,1
1928	ok	s=8,m=11	0.23	-2.501e+04	0.23	-2.501e+04	2	221.4	23.4	0.27	0.98	0.0	1,1
1929	ok	s=19,m=11	0.11	-8708.6	0.12	-8708.6	1	228.6	34.3	0.39	0.95	0.0	1,1
1930	ok	s=21,m=11	0.10	-1.296e+04	0.10	-1.296e+04	3	225.7	20.0	0.23	0.99	0.0	1,1
1931	ok	s=21,m=11	0.10	-1.309e+04	0.10	-1.309e+04	3	225.7	20.0	0.23	0.99	0.0	1,1
1932	ok	s=19,m=11	0.11	-8794.8	0.12	-8794.8	1	228.6	34.3	0.39	0.95	0.0	1,1
1933	ok	s=17,m=11	0.15	-2.417e+04	0.15	-2.417e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
1934	ok	s=17,m=11	0.15	-2.522e+04	0.15	-2.522e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
1935	ok	s=20,m=11	0.25	-1.393e+04	0.30	-1.393e+04	1	296.7	62.3	0.72	0.84	0.0	1,1
1936	ok	s=20,m=11	0.02	-1365.1	0.03	-1365.1	1	294.4	61.8	0.71	0.84	0.0	17,17
1937	ok	s=20,m=11	0.25	-1.403e+04	0.30	-1.403e+04	1	296.7	62.3	0.72	0.84	0.0	1,1
1938	ok	s=20,m=11	0.03	-1406.0	0.03	-1406.0	1	294.4	61.8	0.71	0.84	0.0	10,10
1939	ok	s=17,m=11	0.12	-1.982e+04	0.12	-1.982e+04	4	216.0	15.3	0.18	1.00	0.0	21,21
1940	ok	s=17,m=11	0.11	-1.803e+04	0.11	-1.803e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
1941	ok	s=11,m=11	0.35	3.071e+04			2	80.0	10.6	0.12	1.00	0.0	1,0
1942	ok	s=11,m=11	0.36	3.207e+04			2	80.0	10.6	0.12	1.00	0.0	1,0
1943	ok	s=19,m=11	0.09	-6949.8	0.09	-6949.8	1	205.1	30.7	0.35	0.96	0.0	1,1
1944	ok	s=19,m=11	0.09	-7221.4	0.10	-7221.4	1	205.1	30.7	0.35	0.96	0.0	1,1
1945	ok	s=15,m=11	0.05	7014.0	2.93e-03	-429.9	2	80.0	7.1	0.08	1.00	0.0	21,20
1946	ok	s=25,m=11	0.03	2060.9			1	380.0	69.8	0.80	0.79	0.0	1,0
1947	ok	s=15,m=11	0.05	7231.8			2	80.0	7.1	0.08	1.00	0.0	1,0
1948	ok	s=25,m=11	0.03	2148.0			1	380.0	69.8	0.80	0.79	0.0	1,0
1949	ok	s=18,m=11	0.38	4.165e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1950	ok	s=18,m=11	0.38	4.167e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
1951	ok	s=20,m=11	0.22	1.232e+04			1	317.3	66.6	0.77	0.81	0.0	1,0
1952	ok	s=20,m=11	0.22	1.244e+04			1	317.3	66.6	0.77	0.81	0.0	1,0
1953	ok	s=18,m=11	0.60	6.612e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
1954	ok	s=18,m=11	0.60	6.613e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
1955	ok	s=19,m=11	0.14	1.061e+04	0.01	-1112.7	1	207.3	31.1	0.36	0.96	0.0	1,7
1956	ok	s=19,m=11	0.14	1.058e+04	0.01	-832.0	1	207.3	31.1	0.36	0.96	0.0	1,20
1957	ok	s=7,m=11	0.02	-2405.1	0.02	-2405.1	3	160.0	14.2	0.16	1.00	0.0	1,1
1958	ok	s=7,m=11	0.02	-2402.6	0.02	-2402.6	3	160.0	14.2	0.16	1.00	0.0	1,1
1959	ok	s=20,m=11	0.03	1839.3	0.04	-1753.5	1	294.0	61.7	0.71	0.84	0.0	21,20
1960	ok	s=20,m=11	0.03	1828.2	0.04	-1728.3	1	294.0	61.7	0.71	0.84	0.0	14,11
1961	ok	s=19,m=11	0.15	-1.167e+04	0.16	-1.167e+04	1	228.6	34.3	0.39	0.95	0.0	1,1
1962	ok	s=19,m=11	0.15	-1.177e+04	0.16	-1.177e+04	1	228.6	34.3	0.39	0.95	0.0	1,1
1963	ok	s=21,m=11	0.06	-7276.1	0.06	-7276.1	3	321.5	28.5	0.33	0.97	0.0	1,1
1964	ok	s=21,m=11	0.06	-7273.8	0.06	-7273.8	3	321.5	28.5	0.33	0.97	0.0	1,1
1965	ok	s=17,m=11	0.06	9373.9	0.04	-6654.3	4	215.7	15.2	0.18	1.00	0.0	20,21
1966	ok	s=17,m=11	0.05	8768.5	0.04	-5978.5	4	215.7	15.2	0.18	1.00	0.0	11,14
1967	ok	s=20,m=11	0.10	-5706.4	0.12	-5706.4	1	296.5	62.2	0.72	0.84	0.0	1,1
1968	ok	s=20,m=11	0.22	-1.241e+04	0.27	-1.241e+04	1	298.8	62.7	0.72	0.84	0.0	1,1
1969	ok	s=20,m=11	0.10	-5536.4	0.12	-5536.4	1	296.5	62.2	0.72	0.84	0.0	1,1
1970	ok	s=20,m=11	0.23	-1.269e+04	0.27	-1.269e+04	1	298.8	62.7	0.72	0.84	0.0	1,1
1971	ok	s=19,m=11	0.15	-1.187e+04	0.16	-1.187e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1972	ok	s=19,m=11	0.15	-1.188e+04	0.16	-1.188e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
1973	ok	s=17,m=11	0.16	-2.671e+04	0.16	-2.671e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1974	ok	s=17,m=11	0.16	-2.676e+04	0.16	-2.676e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
1975	ok	s=19,m=11	0.04	-3205.4	0.04	-3205.4	1	181.3	27.2	0.31	0.97	0.0	1,1
1976	ok	s=19,m=11	0.04	-3165.1	0.04	-3165.1	1	181.3	27.2	0.31	0.97	0.0	1,1
1977	ok	s=19,m=11	0.07	-5148.7	0.07	-5148.7	1	201.7	30.2	0.35	0.97	0.0	12,12
1978	ok	s=19,m=11	0.06	-4493.5	0.06	-4493.5	1	201.7	30.2	0.35	0.97	0.0	15,15
1979	ok	s=20,m=11	0.30	1.638e+04			1	317.3	66.6	0.77	0.81	0.0	1,0
1980	ok	s=20,m=11	0.30	1.652e+04			1	317.3	66.6	0.77	0.81	0.0	1,0
1981	ok	s=18,m=11	0.54	5.911e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
1982	ok	s=18,m=11	0.54	5.911e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
1983	ok	s=8,m=11	0.02	2251.3	5.60e-04	-60.2	2	256.3	27.0	0.31	0.97	0.0	1,28
1984	ok	s=8,m=11	0.02	1866.1			2	256.3	27.0	0.31	0.97	0.0	1,0
1985	ok	s=8,m=11	0.02	1959.0			2	256.3	27.0	0.31	0.97	0.0	1,0
1986	ok	s=8,m=11	0.02	2155.7	9.21e-04	-98.9	2	256.3	27.0	0.31	0.97	0.0	1,29
1987	ok	s=7,m=11	0.20	2.600e+04			3	204.0	18.1	0.21	1.00	0.0	1,0

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
1988	ok	s=7,m=11	0.15	1.904e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
1989	ok	s=12,m=11	0.18	-1.586e+04	0.19	-1.586e+04	2	300.6	39.7	0.46	0.94	0.0	1,1
1990	ok	s=12,m=11	0.23	-2.064e+04	0.25	-2.064e+04	2	300.6	39.7	0.46	0.94	0.0	1,1
1991	ok	s=16,m=11	0.08	-8594.5	0.08	-8594.5	2	215.9	22.8	0.26	0.99	0.0	21,21
1992	ok	s=16,m=11	0.13	-1.400e+04	0.13	-1.400e+04	2	215.9	22.8	0.26	0.99	0.0	14,14
1993	ok	s=26,m=11	0.04	2114.9	0.03	-951.3	1	429.7	90.2	1.04	0.64	0.0	11,14
1994	ok	s=26,m=11	0.04	-2411.6	0.07	-2411.6	1	440.3	92.4	1.06	0.62	0.0	11,11
1995	ok	s=16,m=11	0.12	-1.363e+04	0.13	-1.363e+04	2	215.9	22.8	0.26	0.99	0.0	21,21
1996	ok	s=16,m=11	0.08	-8425.2	0.08	-8425.2	2	215.9	22.8	0.26	0.99	0.0	14,14
1997	ok	s=26,m=11	0.07	3957.0	0.05	-1649.3	1	429.7	90.2	1.04	0.64	0.0	20,21
1998	ok	s=26,m=11	0.08	-4227.8	0.12	-4227.8	1	440.3	92.4	1.06	0.62	0.0	20,20
1999	ok	s=12,m=11	0.18	-1.566e+04	0.19	-1.566e+04	2	300.6	39.7	0.46	0.94	0.0	1,1
2000	ok	s=12,m=11	0.21	-1.888e+04	0.23	-1.888e+04	2	300.6	39.7	0.46	0.94	0.0	1,1
2001	ok	s=7,m=11	0.20	2.603e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
2002	ok	s=7,m=11	0.15	1.930e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
2003	ok	s=19,m=11	0.07	-5675.8	0.08	-5675.8	1	205.1	30.7	0.35	0.96	0.0	1,1
2004	ok	s=19,m=11	0.07	-5747.0	0.08	-5747.0	1	205.1	30.7	0.35	0.96	0.0	1,1
2005	ok	s=21,m=11	0.14	-1.789e+04	0.14	-1.789e+04	3	270.9	24.0	0.28	0.98	0.0	1,1
2006	ok	s=20,m=11	0.31	1.728e+04			1	268.9	56.4	0.65	0.87	0.0	1,0
2007	ok	s=20,m=11	0.31	1.727e+04			1	268.9	56.4	0.65	0.87	0.0	1,0
2008	ok	s=21,m=11	0.14	-1.801e+04	0.14	-1.801e+04	3	270.9	24.0	0.28	0.98	0.0	1,1
2009	ok	s=18,m=11	0.49	5.403e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
2010	ok	s=18,m=11	0.49	5.404e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
2011	ok	s=3,m=11	0.16	-1.367e+04	0.16	-1.367e+04	2	160.0	21.1	0.24	0.99	0.0	1,1
2012	ok	s=3,m=11	0.15	-1.363e+04	0.16	-1.363e+04	2	160.0	21.1	0.24	0.99	0.0	1,1
2013	ok	s=19,m=11	0.04	-3046.5	0.04	-3046.5	1	188.7	28.3	0.33	0.97	0.0	1,1
2014	ok	s=19,m=11	0.04	-3102.3	0.04	-3102.3	1	188.7	28.3	0.33	0.97	0.0	1,1
2015	ok	s=21,m=11	0.19	-2.518e+04	0.20	-2.518e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
2016	ok	s=21,m=11	0.19	-2.511e+04	0.20	-2.511e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
2017	ok	s=17,m=11	0.09	-1.446e+04	0.09	-1.446e+04	4	221.3	15.6	0.18	1.00	0.0	19,19
2018	ok	s=17,m=11	0.08	-1.278e+04	0.08	-1.278e+04	4	221.3	15.6	0.18	1.00	0.0	12,12
2019	ok	s=18,m=11	0.41	4.534e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
2020	ok	s=18,m=11	0.41	4.535e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
2021	ok	s=20,m=11	0.34	1.870e+04			1	294.0	61.7	0.71	0.84	0.0	1,0
2022	ok	s=20,m=11	0.34	1.871e+04			1	294.0	61.7	0.71	0.84	0.0	1,0
2023	ok	s=3,m=11	0.41	3.570e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
2024	ok	s=3,m=11	0.55	4.836e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
2025	ok	s=7,m=11	0.02	-2759.9	0.02	-2759.9	3	160.0	14.2	0.16	1.00	0.0	1,1
2026	ok	s=7,m=11	0.02	-2759.3	0.02	-2759.3	3	160.0	14.2	0.16	1.00	0.0	1,1
2027	ok	s=25,m=11	0.06	4038.6			1	334.4	61.4	0.71	0.84	0.0	1,0
2028	ok	s=3,m=11	0.38	3.346e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
2029	ok	s=3,m=11	0.54	4.727e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
2030	ok	s=20,m=11	0.10	5352.3			1	288.9	60.6	0.70	0.85	0.0	1,0
2031	ok	s=20,m=11	0.10	5288.0			1	288.9	60.6	0.70	0.85	0.0	1,0
2032	ok	s=17,m=11	0.17	-2.819e+04	0.17	-2.819e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2033	ok	s=17,m=11	0.17	-2.797e+04	0.17	-2.797e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2034	ok	s=20,m=11	0.15	-8523.1	0.18	-8523.1	1	298.8	62.7	0.72	0.84	0.0	1,1
2035	ok	s=20,m=11	0.17	-9203.8	0.20	-9203.8	1	296.5	62.2	0.72	0.84	0.0	1,1
2036	ok	s=20,m=11	0.16	-8788.2	0.19	-8788.2	1	298.8	62.7	0.72	0.84	0.0	1,1
2037	ok	s=20,m=11	0.16	-8786.0	0.19	-8786.0	1	296.5	62.2	0.72	0.84	0.0	1,1
2038	ok	s=19,m=11	0.14	-1.061e+04	0.14	-1.061e+04	1	166.9	25.0	0.29	0.98	0.0	1,1
2039	ok	s=19,m=11	0.14	-1.060e+04	0.14	-1.060e+04	1	166.9	25.0	0.29	0.98	0.0	1,1
2040	ok	s=17,m=11	0.21	-3.518e+04	0.21	-3.518e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2041	ok	s=17,m=11	0.13	-2.172e+04	0.13	-2.172e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2042	ok	s=17,m=11	0.14	-2.289e+04	0.14	-2.289e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2043	ok	s=17,m=11	0.21	-3.523e+04	0.21	-3.523e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2044	ok	s=20,m=11	0.07	-4102.5	0.09	-4102.5	1	294.4	61.8	0.71	0.84	0.0	1,1
2045	ok	s=20,m=11	0.19	-1.048e+04	0.23	-1.048e+04	1	296.7	62.3	0.72	0.84	0.0	1,1
2046	ok	s=20,m=11	0.08	-4292.4	0.09	-4292.4	1	294.4	61.8	0.71	0.84	0.0	1,1
2047	ok	s=20,m=11	0.19	-1.047e+04	0.23	-1.047e+04	1	296.7	62.3	0.72	0.84	0.0	1,1
2048	ok	s=17,m=11	0.23	-3.728e+04	0.23	-3.728e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2049	ok	s=17,m=11	0.23	-3.837e+04	0.23	-3.837e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2050	ok	s=8,m=11	0.02	2161.3			2	256.1	27.0	0.31	0.97	0.0	1,0
2051	ok	s=8,m=11	0.02	1943.8			2	256.1	27.0	0.31	0.97	0.0	1,0
2052	ok	s=8,m=11	0.02	2070.6			2	256.1	27.0	0.31	0.97	0.0	1,0
2053	ok	s=8,m=11	0.02	2034.7			2	256.1	27.0	0.31	0.97	0.0	1,0
2054	ok	s=4,m=11	0.53	-6.567e+04	0.53	-6.567e+04	2	80.0	8.5	0.10	1.00	0.0	14,14
2055	ok	s=7,m=11	0.03	-3327.7	0.03	-3327.7	3	160.0	14.2	0.16	1.00	0.0	1,1
2056	ok	s=3,m=11	0.71	-6.255e+04	0.71	-6.255e+04	2	80.0	10.6	0.12	1.00	0.0	21,21
2057	ok	s=15,m=11	0.07	1.069e+04	0.06	-9284.7	2	80.0	7.1	0.08	1.00	0.0	21,20
2058	ok	s=25,m=11	0.03	-1600.2	0.03	-1600.2	1	392.0	72.0	0.83	0.78	0.0	20,20
2059	ok	s=15,m=11	0.08	1.101e+04	0.07	-9822.9	2	80.0	7.1	0.08	1.00	0.0	14,11
2060	ok	s=25,m=11	0.03	-1730.1	0.04	-1730.1	1	392.0	72.0	0.83	0.78	0.0	11,11

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
2061	ok	s=18,m=11	0.23	2.540e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
2062	ok	s=18,m=11	0.23	2.541e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
2063	ok	s=19,m=11	0.07	-5538.1	0.07	-5538.1	1	205.1	30.7	0.35	0.96	0.0	1,1
2064	ok	s=20,m=11	0.09	4995.1	5.30e-03	-247.5	1	294.0	61.7	0.71	0.84	0.0	1,20
2065	ok	s=20,m=11	0.09	5082.1	4.72e-03	-220.3	1	294.0	61.7	0.71	0.84	0.0	1,11
2066	ok	s=19,m=11	0.06	-4928.8	0.07	-4928.8	1	205.1	30.7	0.35	0.96	0.0	1,1
2067	ok	s=20,m=11	0.24	1.335e+04			1	268.9	56.4	0.65	0.87	0.0	1,0
2068	ok	s=20,m=11	0.24	1.331e+04			1	268.9	56.4	0.65	0.87	0.0	1,0
2069	ok	s=18,m=11	0.55	6.025e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
2070	ok	s=18,m=11	0.55	6.026e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
2071	ok	s=21,m=11	0.17	-2.169e+04	0.17	-2.169e+04	3	316.0	28.0	0.32	0.97	0.0	1,1
2072	ok	s=21,m=11	0.17	-2.209e+04	0.17	-2.209e+04	3	316.0	28.0	0.32	0.97	0.0	1,1
2073	ok	s=19,m=11	0.08	-6122.0	0.08	-6122.0	1	181.3	27.2	0.31	0.97	0.0	1,1
2074	ok	s=19,m=11	0.08	-6076.3	0.08	-6076.3	1	181.3	27.2	0.31	0.97	0.0	1,1
2075	ok	s=11,m=11	0.14	1.270e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
2076	ok	s=11,m=11	0.18	1.556e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
2077	ok	s=11,m=11	0.14	1.253e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
2078	ok	s=11,m=11	0.16	1.452e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
2079	ok	s=19,m=11	0.03	-2653.7	0.04	-2653.7	1	201.7	30.2	0.35	0.97	0.0	8,8
2080	ok	s=19,m=11	0.03	-2259.3	0.03	-2259.3	1	201.7	30.2	0.35	0.97	0.0	15,15
2081	ok	s=12,m=11	0.18	-1.546e+04	0.18	-1.546e+04	2	218.8	28.9	0.33	0.97	0.0	1,1
2082	ok	s=12,m=11	0.08	-7234.7	0.08	-7234.7	2	218.8	28.9	0.33	0.97	0.0	19,19
2083	ok	s=4,m=11	0.03	3810.5			2	257.0	27.2	0.31	0.97	0.0	1,0
2084	ok	s=4,m=11	0.16	1.969e+04			2	257.0	27.2	0.31	0.97	0.0	1,0
2085	ok	s=4,m=11	0.11	1.341e+04			2	257.0	27.2	0.31	0.97	0.0	1,0
2086	ok	s=4,m=11	0.07	9012.0			2	257.0	27.2	0.31	0.97	0.0	1,0
2087	ok	s=12,m=11	0.08	-7149.9	0.08	-7149.9	2	218.8	28.9	0.33	0.97	0.0	1,1
2088	ok	s=12,m=11	0.18	-1.611e+04	0.19	-1.611e+04	2	218.8	28.9	0.33	0.97	0.0	1,1
2089	ok	s=17,m=11	0.29	-4.800e+04	0.29	-4.800e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2090	ok	s=17,m=11	0.29	-4.767e+04	0.29	-4.767e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2091	ok	s=16,m=11	0.13	-1.396e+04	0.13	-1.396e+04	2	215.6	22.7	0.26	0.99	0.0	17,17
2092	ok	s=16,m=11	0.12	-1.327e+04	0.12	-1.327e+04	2	215.6	22.7	0.26	0.99	0.0	1,1
2093	ok	s=26,m=11	0.04	2051.7			1	440.2	92.4	1.06	0.62	0.0	1,0
2094	ok	s=26,m=11	0.05	-2521.8	0.08	-2521.8	1	450.9	94.6	1.09	0.60	0.0	20,20
2095	ok	s=16,m=11	0.12	-1.368e+04	0.13	-1.368e+04	2	215.6	22.7	0.26	0.99	0.0	1,1
2096	ok	s=16,m=11	0.13	-1.443e+04	0.13	-1.443e+04	2	215.6	22.7	0.26	0.99	0.0	10,10
2097	ok	s=26,m=11	0.07	3887.3	0.02	-752.6	1	440.2	92.4	1.06	0.62	0.0	11,14
2098	ok	s=26,m=11	0.08	-4387.5	0.13	-4387.5	1	450.9	94.6	1.09	0.60	0.0	11,11
2099	ok	s=20,m=11	0.24	-1.305e+04	0.28	-1.305e+04	1	296.5	62.2	0.72	0.84	0.0	1,1
2100	ok	s=20,m=11	0.10	-5281.5	0.11	-5281.5	1	298.8	62.7	0.72	0.84	0.0	1,1
2101	ok	s=20,m=11	0.24	-1.325e+04	0.28	-1.325e+04	1	296.5	62.2	0.72	0.84	0.0	1,1
2102	ok	s=20,m=11	0.09	-4926.0	0.11	-4926.0	1	298.8	62.7	0.72	0.84	0.0	1,1
2103	ok	s=19,m=11	0.10	-8142.2	0.11	-8142.2	1	166.9	25.0	0.29	0.98	0.0	1,1
2104	ok	s=19,m=11	0.10	-8114.6	0.11	-8114.6	1	166.9	25.0	0.29	0.98	0.0	1,1
2105	ok	s=20,m=11	0.29	1.600e+04			1	368.7	77.4	0.89	0.74	0.0	1,0
2106	ok	s=20,m=11	0.29	1.592e+04			1	368.7	77.4	0.89	0.74	0.0	1,0
2107	ok	s=17,m=11	0.30	-4.990e+04	0.30	-4.990e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2108	ok	s=17,m=11	0.30	-4.975e+04	0.30	-4.975e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2109	ok	s=20,m=11	0.29	1.591e+04			1	282.2	59.2	0.68	0.86	0.0	1,0
2110	ok	s=20,m=11	0.29	1.598e+04			1	282.2	59.2	0.68	0.86	0.0	1,0
2111	ok	s=20,m=11	0.55	-3.072e+04	0.61	-3.072e+04	1	218.7	45.9	0.53	0.92	0.0	1,1
2112	ok	s=17,m=11	0.10	-1.723e+04	0.10	-1.723e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2113	ok	s=17,m=11	0.11	-1.746e+04	0.11	-1.746e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2114	ok	s=20,m=11	0.55	-3.039e+04	0.60	-3.039e+04	1	218.7	45.9	0.53	0.92	0.0	1,1
2115	ok	s=19,m=11	0.08	-6030.5	0.08	-6030.5	1	188.7	28.3	0.33	0.97	0.0	1,1
2116	ok	s=19,m=11	0.08	-6086.3	0.08	-6086.3	1	188.7	28.3	0.33	0.97	0.0	1,1
2117	ok	s=19,m=11	0.10	-7542.3	0.10	-7542.3	1	205.1	30.7	0.35	0.96	0.0	1,1
2118	ok	s=19,m=11	0.10	-7565.6	0.10	-7565.6	1	205.1	30.7	0.35	0.96	0.0	1,1
2119	ok	s=20,m=11	0.17	9229.4			1	268.9	56.4	0.65	0.87	0.0	1,0
2120	ok	s=21,m=11	0.17	-2.192e+04	0.18	-2.192e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
2121	ok	s=21,m=11	0.17	-2.171e+04	0.17	-2.171e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
2122	ok	s=20,m=11	0.17	9175.4			1	268.9	56.4	0.65	0.87	0.0	1,0
2123	ok	s=7,m=11	0.25	-3.318e+04	0.25	-3.318e+04	3	80.0	7.1	0.08	1.00	0.0	1,1
2124	ok	s=15,m=11	0.10	1.499e+04			2	80.0	7.1	0.08	1.00	0.0	1,0
2125	ok	s=25,m=11	0.04	2293.1			1	404.0	74.2	0.85	0.76	0.0	20,0
2126	ok	s=15,m=11	0.10	1.523e+04			2	80.0	7.1	0.08	1.00	0.0	1,0
2127	ok	s=25,m=11	0.04	2481.3	2.27e-03	-109.6	1	404.0	74.2	0.85	0.76	0.0	11,14
2128	ok	s=7,m=11	0.25	-3.316e+04	0.25	-3.316e+04	3	80.0	7.1	0.08	1.00	0.0	1,1
2129	ok	s=18,m=11	0.49	5.357e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
2130	ok	s=18,m=11	0.49	5.357e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
2131	ok	s=21,m=11	0.07	-9458.9	0.07	-9458.9	3	214.3	19.0	0.22	1.00	0.0	1,1
2132	ok	s=8,m=11	0.34	-3.760e+04	0.36	-3.760e+04	2	309.5	32.7	0.38	0.96	0.0	1,1
2133	ok	s=8,m=11	0.25	-2.744e+04	0.26	-2.744e+04	2	309.5	32.7	0.38	0.96	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
2134	ok	s=8,m=11	0.34	-3.764e+04	0.36	-3.764e+04	2	309.5	32.7	0.38	0.96	0.0	1,1
2135	ok	s=8,m=11	0.25	-2.786e+04	0.26	-2.786e+04	2	309.5	32.7	0.38	0.96	0.0	1,1
2136	ok	s=21,m=11	0.07	-9402.9	0.07	-9402.9	3	214.3	19.0	0.22	1.00	0.0	1,1
2137	ok	s=20,m=11	0.18	9999.7			1	288.9	60.6	0.70	0.85	0.0	1,0
2138	ok	s=20,m=11	0.18	9926.9			1	288.9	60.6	0.70	0.85	0.0	1,0
2139	ok	s=19,m=11	0.14	-1.051e+04	0.14	-1.051e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
2140	ok	s=19,m=11	0.14	-1.056e+04	0.14	-1.056e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
2141	ok	s=17,m=11	0.14	-2.259e+04	0.14	-2.259e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2142	ok	s=17,m=11	0.15	-2.388e+04	0.15	-2.388e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2143	ok	s=20,m=11	0.14	-7506.5	0.16	-7506.5	1	296.7	62.3	0.72	0.84	0.0	1,1
2144	ok	s=20,m=11	0.12	-6877.0	0.15	-6877.0	1	294.4	61.8	0.71	0.84	0.0	1,1
2145	ok	s=12,m=11	0.17	-1.537e+04	0.19	-1.537e+04	2	295.9	39.1	0.45	0.94	0.0	1,1
2146	ok	s=12,m=11	0.22	-1.930e+04	0.23	-1.930e+04	2	295.9	39.1	0.45	0.94	0.0	1,1
2147	ok	s=16,m=11	0.12	-1.324e+04	0.12	-1.324e+04	2	215.4	22.7	0.26	0.99	0.0	14,14
2148	ok	s=16,m=11	0.11	-1.242e+04	0.11	-1.242e+04	2	215.4	22.7	0.26	0.99	0.0	21,21
2149	ok	s=26,m=11	0.03	1502.8			1	450.8	94.6	1.09	0.60	0.0	1,0
2150	ok	s=26,m=11	0.01	575.8	0.02	-547.1	1	450.8	94.6	1.09	0.60	0.0	14,11
2151	ok	s=16,m=11	0.12	-1.356e+04	0.12	-1.356e+04	2	215.4	22.7	0.26	0.99	0.0	21,21
2152	ok	s=16,m=11	0.11	-1.211e+04	0.11	-1.211e+04	2	215.4	22.7	0.26	0.99	0.0	14,14
2153	ok	s=26,m=11	0.05	2706.1	0.01	-355.0	1	450.8	94.6	1.09	0.60	0.0	1,21
2154	ok	s=26,m=11	0.04	-2118.0	0.06	-2118.0	1	450.8	94.6	1.09	0.60	0.0	20,20
2155	ok	s=12,m=11	0.17	-1.504e+04	0.18	-1.504e+04	2	295.9	39.1	0.45	0.94	0.0	1,1
2156	ok	s=12,m=11	0.20	-1.770e+04	0.21	-1.770e+04	2	295.9	39.1	0.45	0.94	0.0	1,1
2157	ok	s=20,m=11	0.14	-7525.1	0.16	-7525.1	1	296.7	62.3	0.72	0.84	0.0	1,1
2158	ok	s=20,m=11	0.13	-7116.2	0.15	-7116.2	1	294.4	61.8	0.71	0.84	0.0	1,1
2159	ok	s=17,m=11	0.30	-4.874e+04	0.30	-4.874e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2160	ok	s=17,m=11	0.30	-4.968e+04	0.30	-4.968e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2161	ok	s=20,m=11	0.23	-1.282e+04	0.27	-1.282e+04	1	294.9	61.9	0.71	0.84	0.0	1,1
2162	ok	s=20,m=11	0.03	-1829.4	0.04	-1829.4	1	294.1	61.7	0.71	0.84	0.0	31,31
2163	ok	s=20,m=11	0.24	-1.306e+04	0.28	-1.306e+04	1	294.9	61.9	0.71	0.84	0.0	1,1
2164	ok	s=20,m=11	0.03	-1641.1	0.04	-1641.1	1	294.1	61.7	0.71	0.84	0.0	34,34
2165	ok	s=17,m=11	0.23	-3.812e+04	0.23	-3.812e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
2166	ok	s=17,m=11	0.23	-3.824e+04	0.23	-3.824e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
2167	ok	s=21,m=11	0.18	-2.384e+04	0.19	-2.384e+04	3	361.1	32.0	0.37	0.96	0.0	1,1
2168	ok	s=21,m=11	0.19	-2.489e+04	0.20	-2.489e+04	3	361.1	32.0	0.37	0.96	0.0	1,1
2169	ok	s=17,m=11	0.36	-5.850e+04	0.36	-5.850e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2170	ok	s=17,m=11	0.35	-5.828e+04	0.35	-5.828e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2171	ok	s=15,m=11	0.08	1.163e+04			2	80.0	7.1	0.08	1.00	0.0	1,0
2172	ok	s=25,m=11	0.03	1912.4			1	404.0	74.2	0.85	0.76	0.0	1,0
2173	ok	s=20,m=11	0.03	-1937.1	0.04	-1937.1	1	298.8	62.7	0.72	0.84	0.0	33,33
2174	ok	s=20,m=11	0.31	-1.713e+04	0.37	-1.713e+04	1	296.5	62.2	0.72	0.84	0.0	1,1
2175	ok	s=20,m=11	0.03	-1890.5	0.04	-1890.5	1	298.8	62.7	0.72	0.84	0.0	38,38
2176	ok	s=20,m=11	0.32	-1.748e+04	0.38	-1.748e+04	1	296.5	62.2	0.72	0.84	0.0	1,1
2177	ok	s=19,m=11	0.07	-5582.5	0.07	-5582.5	1	166.9	25.0	0.29	0.98	0.0	1,1
2178	ok	s=19,m=11	0.07	-5548.9	0.07	-5548.9	1	166.9	25.0	0.29	0.98	0.0	1,1
2179	ok	s=20,m=11	0.17	9643.9			1	294.0	61.7	0.71	0.84	0.0	1,0
2180	ok	s=20,m=11	0.18	9730.9			1	294.0	61.7	0.71	0.84	0.0	1,0
2181	ok	s=20,m=11	0.22	1.215e+04			1	282.2	59.2	0.68	0.86	0.0	1,0
2182	ok	s=20,m=11	0.22	1.220e+04			1	282.2	59.2	0.68	0.86	0.0	1,0
2183	ok	s=3,m=11	0.14	-1.228e+04	0.14	-1.228e+04	2	160.0	21.1	0.24	0.99	0.0	1,1
2184	ok	s=3,m=11	0.17	-1.526e+04	0.17	-1.526e+04	2	160.0	21.1	0.24	0.99	0.0	1,1
2185	ok	s=25,m=11	0.05	3314.3	0.05	-2131.1	1	440.7	80.9	0.93	0.71	0.0	22,19
2186	ok	s=4,m=11	0.41	-5.075e+04	0.43	-5.075e+04	2	313.7	33.2	0.38	0.96	0.0	1,1
2187	ok	s=4,m=11	0.54	-6.628e+04	0.56	-6.628e+04	2	313.7	33.2	0.38	0.96	0.0	1,1
2188	ok	s=4,m=11	0.41	-5.065e+04	0.43	-5.065e+04	2	313.7	33.2	0.38	0.96	0.0	1,1
2189	ok	s=4,m=11	0.53	-6.514e+04	0.55	-6.514e+04	2	313.7	33.2	0.38	0.96	0.0	1,1
2190	ok	s=17,m=11	0.07	1.098e+04	0.05	-7947.4	4	216.0	15.3	0.18	1.00	0.0	20,21
2191	ok	s=17,m=11	0.07	1.167e+04	0.05	-8171.1	4	216.0	15.3	0.18	1.00	0.0	11,14
2192	ok	s=17,m=11	0.18	-3.005e+04	0.18	-3.005e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
2193	ok	s=17,m=11	0.18	-3.020e+04	0.18	-3.020e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
2194	ok	s=19,m=11	0.11	-8797.7	0.12	-8797.7	1	181.3	27.2	0.31	0.97	0.0	1,1
2195	ok	s=19,m=11	0.11	-8737.4	0.12	-8737.4	1	181.3	27.2	0.31	0.97	0.0	1,1
2196	ok	s=19,m=11	0.12	-9503.5	0.13	-9503.5	1	205.1	30.7	0.35	0.96	0.0	1,1
2197	ok	s=19,m=11	0.13	-1.000e+04	0.13	-1.000e+04	1	205.1	30.7	0.35	0.96	0.0	1,1
2198	ok	s=20,m=11	0.09	4937.7			1	268.9	56.4	0.65	0.87	0.0	1,0
2199	ok	s=20,m=11	0.09	4893.2			1	268.9	56.4	0.65	0.87	0.0	1,0
2200	ok	s=18,m=11	0.37	4.105e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
2201	ok	s=18,m=11	0.37	4.104e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
2202	ok	s=19,m=11	0.04	-2728.0	0.04	-2728.0	1	201.7	30.2	0.35	0.97	0.0	1,1
2203	ok	s=19,m=11	0.03	-2640.1	0.04	-2640.1	1	201.7	30.2	0.35	0.97	0.0	1,1
2204	ok	s=19,m=11	0.20	-1.536e+04	0.20	-1.536e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
2205	ok	s=19,m=11	0.20	-1.531e+04	0.20	-1.531e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
2206	ok	s=11,m=11	0.09	8238.2	0.03	-2774.1	2	204.0	26.9	0.31	0.98	0.0	38,35

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
2207	ok	s=11,m=11	0.09	8223.8	9.43e-04	-81.0	2	204.0	26.9	0.31	0.98	0.0	1,23
2208	ok	s=11,m=11	0.09	8102.3	0.03	-2759.8	2	204.0	26.9	0.31	0.98	0.0	33,32
2209	ok	s=11,m=11	0.08	7166.9	4.77e-03	-409.5	2	204.0	26.9	0.31	0.98	0.0	1,28
2210	ok	s=19,m=11	0.10	-7958.9	0.11	-7958.9	1	188.7	28.3	0.33	0.97	0.0	1,1
2211	ok	s=19,m=11	0.10	-7992.4	0.11	-7992.4	1	188.7	28.3	0.33	0.97	0.0	1,1
2212	ok	s=17,m=11	0.36	-6.002e+04	0.36	-6.002e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2213	ok	s=17,m=11	0.13	-2.072e+04	0.13	-2.072e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2214	ok	s=17,m=11	0.13	-2.077e+04	0.13	-2.077e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2215	ok	s=17,m=11	0.37	-6.034e+04	0.37	-6.034e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2216	ok	s=20,m=11	0.40	-2.207e+04	0.47	-2.207e+04	1	296.5	62.2	0.72	0.84	0.0	1,1
2217	ok	s=20,m=11	0.09	5091.7			1	298.8	62.7	0.72	0.84	0.0	1,0
2218	ok	s=20,m=11	0.40	-2.203e+04	0.47	-2.203e+04	1	296.5	62.2	0.72	0.84	0.0	1,1
2219	ok	s=20,m=11	0.09	4848.6			1	298.8	62.7	0.72	0.84	0.0	1,0
2220	ok	s=19,m=11	0.04	-2918.8	0.04	-2918.8	1	166.9	25.0	0.29	0.98	0.0	1,1
2221	ok	s=19,m=11	0.04	-2891.2	0.04	-2891.2	1	166.9	25.0	0.29	0.98	0.0	1,1
2222	ok	s=19,m=11	0.11	-8746.2	0.12	-8746.2	1	188.7	28.3	0.33	0.97	0.0	1,1
2223	ok	s=19,m=11	0.11	-8802.0	0.12	-8802.0	1	188.7	28.3	0.33	0.97	0.0	1,1
2224	ok	s=17,m=11	0.14	-2.324e+04	0.14	-2.324e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
2225	ok	s=17,m=11	0.14	-2.343e+04	0.14	-2.343e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
2226	ok	s=21,m=11	0.13	-1.746e+04	0.14	-1.746e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
2227	ok	s=4,m=11	0.12	1.461e+04			2	256.5	27.1	0.31	0.97	0.0	1,0
2228	ok	s=4,m=11	0.09	1.169e+04			2	256.5	27.1	0.31	0.97	0.0	1,0
2229	ok	s=4,m=11	0.09	1.155e+04			2	256.5	27.1	0.31	0.97	0.0	1,0
2230	ok	s=4,m=11	0.11	1.352e+04			2	256.5	27.1	0.31	0.97	0.0	1,0
2231	ok	s=21,m=11	0.13	-1.731e+04	0.14	-1.731e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
2232	ok	s=20,m=11	0.15	8064.7			1	282.2	59.2	0.68	0.86	0.0	1,0
2233	ok	s=20,m=11	0.15	8106.7			1	282.2	59.2	0.68	0.86	0.0	1,0
2234	ok	s=21,m=11	0.22	-2.825e+04	0.23	-2.825e+04	3	400.0	35.5	0.41	0.95	0.0	1,1
2235	ok	s=12,m=11	0.13	-1.120e+04	0.14	-1.120e+04	2	291.9	38.5	0.44	0.94	0.0	38,38
2236	ok	s=12,m=11	0.12	-1.087e+04	0.13	-1.087e+04	2	291.9	38.5	0.44	0.94	0.0	1,1
2237	ok	s=12,m=11	0.12	-1.098e+04	0.13	-1.098e+04	2	291.9	38.5	0.44	0.94	0.0	33,33
2238	ok	s=12,m=11	0.11	-9376.6	0.11	-9376.6	2	291.9	38.5	0.44	0.94	0.0	1,1
2239	ok	s=20,m=11	0.26	1.426e+04			1	288.9	60.6	0.70	0.85	0.0	1,0
2240	ok	s=20,m=11	0.26	1.417e+04			1	288.9	60.6	0.70	0.85	0.0	1,0
2241	ok	s=11,m=11	0.12	1.045e+04			2	80.0	10.6	0.12	1.00	0.0	1,0
2242	ok	s=11,m=11	0.12	1.082e+04			2	80.0	10.6	0.12	1.00	0.0	1,0
2243	ok	s=17,m=11	0.14	-2.353e+04	0.14	-2.353e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2244	ok	s=17,m=11	0.15	-2.489e+04	0.15	-2.489e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2245	ok	s=20,m=11	0.18	-9886.5	0.21	-9886.5	1	294.4	61.8	0.71	0.84	0.0	1,1
2246	ok	s=20,m=11	0.11	-6138.5	0.13	-6138.5	1	296.7	62.3	0.72	0.84	0.0	1,1
2247	ok	s=20,m=11	0.18	-1.007e+04	0.22	-1.007e+04	1	294.4	61.8	0.71	0.84	0.0	1,1
2248	ok	s=20,m=11	0.11	-6231.4	0.13	-6231.4	1	296.7	62.3	0.72	0.84	0.0	1,1
2249	ok	s=17,m=11	0.31	-5.132e+04	0.31	-5.132e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2250	ok	s=17,m=11	0.32	-5.209e+04	0.32	-5.209e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2251	ok	s=19,m=11	0.14	-1.089e+04	0.15	-1.089e+04	1	205.1	30.7	0.35	0.96	0.0	1,1
2252	ok	s=19,m=11	0.14	-1.109e+04	0.15	-1.109e+04	1	205.1	30.7	0.35	0.96	0.0	1,1
2253	ok	s=20,m=11	0.02	1357.0	0.02	-950.6	1	268.9	56.4	0.65	0.87	0.0	22,19
2254	ok	s=20,m=11	0.08	-4300.6	0.09	-4300.6	1	294.1	61.7	0.71	0.84	0.0	1,1
2255	ok	s=20,m=11	0.20	-1.097e+04	0.24	-1.097e+04	1	294.9	61.9	0.71	0.84	0.0	1,1
2256	ok	s=20,m=11	0.07	-4125.8	0.09	-4125.8	1	294.1	61.7	0.71	0.84	0.0	1,1
2257	ok	s=20,m=11	0.20	-1.112e+04	0.24	-1.112e+04	1	294.9	61.9	0.71	0.84	0.0	1,1
2258	ok	s=20,m=11	0.02	1252.5	0.02	-876.2	1	268.9	56.4	0.65	0.87	0.0	13,12
2259	ok	s=18,m=11	0.21	2.301e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
2260	ok	s=18,m=11	0.21	2.300e+04			2	215.7	22.8	0.26	0.99	0.0	1,0
2261	ok	s=4,m=11	0.07	8199.2	0.06	-7037.4	2	221.4	23.4	0.27	0.98	0.0	13,12
2262	ok	s=4,m=11	0.07	8359.7	0.06	-7236.1	2	221.4	23.4	0.27	0.98	0.0	12,13
2263	ok	s=4,m=11	0.07	-8091.9	0.07	-8091.9	2	221.4	23.4	0.27	0.98	0.0	19,19
2264	ok	s=4,m=11	0.09	1.087e+04	0.08	-9557.8	2	221.4	23.4	0.27	0.98	0.0	19,22
2265	ok	s=17,m=11	0.09	-1.530e+04	0.09	-1.530e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
2266	ok	s=17,m=11	0.09	-1.555e+04	0.09	-1.555e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
2267	ok	s=7,m=11	0.14	1.888e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
2268	ok	s=7,m=11	0.12	1.522e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
2269	ok	s=19,m=11	0.07	-5227.3	0.07	-5227.3	1	188.7	28.3	0.33	0.97	0.0	1,1
2270	ok	s=19,m=11	0.07	-5255.4	0.07	-5255.4	1	188.7	28.3	0.33	0.97	0.0	1,1
2271	ok	s=7,m=11	0.14	1.877e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
2272	ok	s=7,m=11	0.12	1.535e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
2273	ok	s=11,m=11	0.08	6713.2	0.05	-4411.9	2	204.0	26.9	0.31	0.98	0.0	38,35
2274	ok	s=11,m=11	0.06	5213.6	0.03	-2608.8	2	204.0	26.9	0.31	0.98	0.0	28,29
2275	ok	s=11,m=11	0.07	6535.5	0.05	-4451.4	2	204.0	26.9	0.31	0.98	0.0	35,38
2276	ok	s=11,m=11	0.06	5031.7	0.03	-2824.7	2	204.0	26.9	0.31	0.98	0.0	29,28
2277	ok	s=20,m=11	0.25	1.387e+04			1	294.0	61.7	0.71	0.84	0.0	1,0
2278	ok	s=20,m=11	0.25	1.396e+04			1	294.0	61.7	0.71	0.84	0.0	1,0
2279	ok	s=17,m=11	0.34	-5.668e+04	0.34	-5.668e+04	4	215.7	15.2	0.18	1.00	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
2280	ok	s=17,m=11	0.35	-5.704e+04	0.35	-5.704e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2281	ok	s=20,m=11	0.26	1.444e+04			1	298.8	62.7	0.72	0.84	0.0	1,0
2282	ok	s=20,m=11	0.53	-2.922e+04	0.63	-2.922e+04	1	296.5	62.2	0.72	0.84	0.0	1,1
2283	ok	s=20,m=11	0.26	1.422e+04			1	298.8	62.7	0.72	0.84	0.0	1,0
2284	ok	s=20,m=11	0.52	-2.896e+04	0.62	-2.896e+04	1	296.5	62.2	0.72	0.84	0.0	1,1
2285	ok	s=19,m=11	0.03	-2558.9	0.03	-2558.9	1	166.9	25.0	0.29	0.98	0.0	1,1
2286	ok	s=19,m=11	0.03	-2573.3	0.03	-2573.3	1	166.9	25.0	0.29	0.98	0.0	1,1
2287	ok	s=12,m=11	0.11	-9547.2	0.12	-9547.2	2	287.9	38.0	0.44	0.94	0.0	38,38
2288	ok	s=12,m=11	0.08	-7069.2	0.09	-7069.2	2	287.9	38.0	0.44	0.94	0.0	26,26
2289	ok	s=12,m=11	0.11	-9373.3	0.11	-9373.3	2	287.9	38.0	0.44	0.94	0.0	35,35
2290	ok	s=12,m=11	0.08	-6850.2	0.08	-6850.2	2	287.9	38.0	0.44	0.94	0.0	29,29
2291	ok	s=21,m=11	0.21	-2.721e+04	0.22	-2.721e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2292	ok	s=21,m=11	0.20	-2.681e+04	0.22	-2.681e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2293	ok	s=17,m=11	0.10	-1.583e+04	0.10	-1.583e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2294	ok	s=17,m=11	0.10	-1.590e+04	0.10	-1.590e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2295	ok	s=3,m=11	0.19	-1.646e+04	0.19	-1.646e+04	2	160.0	21.1	0.24	0.99	0.0	1,1
2296	ok	s=3,m=11	0.19	-1.658e+04	0.19	-1.658e+04	2	160.0	21.1	0.24	0.99	0.0	1,1
2297	ok	s=19,m=11	0.14	-1.122e+04	0.15	-1.122e+04	1	181.3	27.2	0.31	0.97	0.0	1,1
2298	ok	s=19,m=11	0.14	-1.113e+04	0.15	-1.113e+04	1	181.3	27.2	0.31	0.97	0.0	1,1
2299	ok	s=20,m=11	0.07	3746.9	8.70e-03	-412.5	1	282.2	59.2	0.68	0.86	0.0	1,22
2300	ok	s=20,m=11	0.07	3789.0	6.57e-03	-311.5	1	282.2	59.2	0.68	0.86	0.0	1,13
2301	ok	s=17,m=11	0.09	-1.463e+04	0.09	-1.463e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
2302	ok	s=11,m=11	0.04	3656.1			2	204.0	26.9	0.31	0.98	0.0	1,0
2303	ok	s=11,m=11	0.04	3934.1			2	204.0	26.9	0.31	0.98	0.0	1,0
2304	ok	s=17,m=11	0.09	-1.485e+04	0.09	-1.485e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
2305	ok	s=21,m=11	0.10	-1.347e+04	0.10	-1.347e+04	3	107.2	9.5	0.11	1.00	0.0	1,1
2306	ok	s=21,m=11	0.10	-1.321e+04	0.10	-1.321e+04	3	107.2	9.5	0.11	1.00	0.0	1,1
2307	ok	s=19,m=11	0.08	-6249.4	0.08	-6249.4	1	201.7	30.2	0.35	0.97	0.0	1,1
2308	ok	s=19,m=11	0.08	-6163.4	0.08	-6163.4	1	201.7	30.2	0.35	0.97	0.0	1,1
2309	ok	s=19,m=11	0.14	-1.102e+04	0.15	-1.102e+04	1	200.2	30.0	0.35	0.97	0.0	12,12
2310	ok	s=19,m=11	0.14	-1.084e+04	0.14	-1.084e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
2311	ok	s=8,m=11	0.18	-1.976e+04	0.18	-1.976e+04	2	220.2	23.2	0.27	0.98	0.0	1,1
2312	ok	s=8,m=11	0.16	-1.763e+04	0.16	-1.763e+04	2	220.2	23.2	0.27	0.98	0.0	19,19
2313	ok	s=8,m=11	0.15	-1.707e+04	0.16	-1.707e+04	2	220.2	23.2	0.27	0.98	0.0	12,12
2314	ok	s=8,m=11	0.18	-1.964e+04	0.18	-1.964e+04	2	220.2	23.2	0.27	0.98	0.0	1,1
2315	ok	s=20,m=11	0.07	4009.5			1	276.5	58.0	0.67	0.86	0.0	1,0
2316	ok	s=20,m=11	0.07	4081.0			1	276.5	58.0	0.67	0.86	0.0	1,0
2317	ok	s=17,m=11	0.29	4.797e+04	0.08	-1.388e+04	4	221.3	15.6	0.18	1.00	0.0	22,19
2318	ok	s=17,m=11	0.28	4.531e+04	0.07	-1.133e+04	4	221.3	15.6	0.18	1.00	0.0	13,12
2319	ok	s=17,m=11	0.15	-2.400e+04	0.15	-2.400e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2320	ok	s=17,m=11	0.15	-2.399e+04	0.15	-2.399e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2321	ok	s=4,m=11	0.10	1.285e+04			2	256.3	27.1	0.31	0.97	0.0	1,0
2322	ok	s=4,m=11	0.11	1.339e+04			2	256.3	27.1	0.31	0.97	0.0	1,0
2323	ok	s=4,m=11	0.11	1.384e+04			2	256.3	27.1	0.31	0.97	0.0	1,0
2324	ok	s=4,m=11	0.10	1.261e+04			2	256.3	27.1	0.31	0.97	0.0	1,0
2325	ok	s=19,m=11	0.03	-2340.5	0.03	-2340.5	1	188.7	28.3	0.33	0.97	0.0	1,1
2326	ok	s=19,m=11	0.14	-1.115e+04	0.15	-1.115e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
2327	ok	s=19,m=11	0.14	-1.121e+04	0.15	-1.121e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
2328	ok	s=19,m=11	0.03	-2368.6	0.03	-2368.6	1	188.7	28.3	0.33	0.97	0.0	1,1
2329	ok	s=20,m=11	0.19	1.051e+04			1	296.9	62.3	0.72	0.84	0.0	1,0
2330	ok	s=20,m=11	0.46	-2.534e+04	0.55	-2.534e+04	1	298.3	62.6	0.72	0.84	0.0	1,1
2331	ok	s=20,m=11	0.19	1.054e+04			1	296.9	62.3	0.72	0.84	0.0	1,0
2332	ok	s=20,m=11	0.46	-2.546e+04	0.55	-2.546e+04	1	298.3	62.6	0.72	0.84	0.0	1,1
2333	ok	s=18,m=11	0.23	2.501e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
2334	ok	s=18,m=11	0.23	2.502e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
2335	ok	s=17,m=11	0.11	-1.803e+04	0.11	-1.803e+04	4	215.6	15.2	0.18	1.00	0.0	21,21
2336	ok	s=17,m=11	0.10	-1.718e+04	0.10	-1.718e+04	4	215.6	15.2	0.18	1.00	0.0	14,14
2337	ok	s=3,m=11	0.36	3.183e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
2338	ok	s=3,m=11	0.49	4.347e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
2339	ok	s=25,m=11	0.03	1764.4	0.02	-935.0	1	370.6	68.0	0.78	0.80	0.0	13,12
2340	ok	s=3,m=11	0.36	3.204e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
2341	ok	s=3,m=11	0.48	4.249e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
2342	ok	s=21,m=11	0.11	-1.462e+04	0.12	-1.462e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
2343	ok	s=21,m=11	0.11	-1.459e+04	0.12	-1.459e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
2344	ok	s=21,m=11	0.18	-2.347e+04	0.19	-2.347e+04	3	400.0	35.5	0.41	0.95	0.0	1,1
2345	ok	s=17,m=11	0.26	-4.363e+04	0.26	-4.363e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2346	ok	s=17,m=11	0.26	-4.347e+04	0.26	-4.347e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2347	ok	s=20,m=11	0.33	1.807e+04			1	288.9	60.6	0.70	0.85	0.0	1,0
2348	ok	s=20,m=11	0.32	1.792e+04			1	288.9	60.6	0.70	0.85	0.0	1,0
2349	ok	s=19,m=11	0.06	-4891.8	0.06	-4891.8	1	166.9	25.0	0.29	0.98	0.0	1,1
2350	ok	s=19,m=11	0.06	-4933.9	0.06	-4933.9	1	166.9	25.0	0.29	0.98	0.0	1,1
2351	ok	s=21,m=11	0.19	-2.543e+04	0.20	-2.543e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2352	ok	s=21,m=11	0.19	-2.532e+04	0.20	-2.532e+04	3	406.3	36.0	0.42	0.95	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
2353	ok	s=19,m=11	0.15	-1.159e+04	0.15	-1.159e+04	1	205.1	30.7	0.35	0.96	0.0	1,1
2354	ok	s=19,m=11	0.15	-1.146e+04	0.15	-1.146e+04	1	205.1	30.7	0.35	0.96	0.0	1,1
2355	ok	s=17,m=11	0.15	-2.492e+04	0.15	-2.492e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2356	ok	s=17,m=11	0.16	-2.625e+04	0.16	-2.625e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2357	ok	s=20,m=11	0.09	-5131.0	0.11	-5131.0	1	296.7	62.3	0.72	0.84	0.0	1,1
2358	ok	s=20,m=11	0.22	-1.209e+04	0.26	-1.209e+04	1	294.4	61.8	0.71	0.84	0.0	1,1
2359	ok	s=20,m=11	0.09	-5257.0	0.11	-5257.0	1	296.7	62.3	0.72	0.84	0.0	1,1
2360	ok	s=20,m=11	0.22	-1.228e+04	0.26	-1.228e+04	1	294.4	61.8	0.71	0.84	0.0	1,1
2361	ok	s=17,m=11	0.30	-4.982e+04	0.30	-4.982e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2362	ok	s=17,m=11	0.31	-5.038e+04	0.31	-5.038e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2363	ok	s=20,m=11	0.17	-9608.7	0.21	-9608.7	1	294.9	61.9	0.71	0.84	0.0	1,1
2364	ok	s=20,m=11	0.10	-5414.8	0.12	-5414.8	1	294.1	61.7	0.71	0.84	0.0	1,1
2365	ok	s=20,m=11	0.17	-9600.1	0.21	-9600.1	1	294.9	61.9	0.71	0.84	0.0	1,1
2366	ok	s=20,m=11	0.10	-5394.9	0.12	-5394.9	1	294.1	61.7	0.71	0.84	0.0	1,1
2367	ok	s=20,m=11	0.03	-1831.1	0.04	-1831.1	1	282.2	59.2	0.68	0.86	0.0	21,21
2368	ok	s=20,m=11	0.03	-1734.0	0.04	-1734.0	1	282.2	59.2	0.68	0.86	0.0	14,14
2369	ok	s=3,m=11	0.20	-1.760e+04	0.20	-1.760e+04	2	160.0	21.1	0.24	0.99	0.0	1,1
2370	ok	s=3,m=11	0.20	-1.732e+04	0.20	-1.732e+04	2	160.0	21.1	0.24	0.99	0.0	1,1
2371	ok	s=20,m=11	0.36	-1.971e+04	0.42	-1.971e+04	1	298.3	62.6	0.72	0.84	0.0	1,1
2372	ok	s=20,m=11	0.06	3457.2	0.02	-1139.4	1	296.9	62.3	0.72	0.84	0.0	20,21
2373	ok	s=20,m=11	0.36	-1.978e+04	0.43	-1.978e+04	1	298.3	62.6	0.72	0.84	0.0	1,1
2374	ok	s=20,m=11	0.06	3303.5	0.02	-893.0	1	296.9	62.3	0.72	0.84	0.0	1,14
2375	ok	s=18,m=11	0.41	4.502e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
2376	ok	s=18,m=11	0.41	4.503e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
2377	ok	s=8,m=11	0.26	-2.860e+04	0.27	-2.860e+04	2	304.7	32.2	0.37	0.96	0.0	1,1
2378	ok	s=8,m=11	0.21	-2.286e+04	0.22	-2.286e+04	2	304.7	32.2	0.37	0.96	0.0	1,1
2379	ok	s=8,m=11	0.26	-2.845e+04	0.27	-2.845e+04	2	304.7	32.2	0.37	0.96	0.0	1,1
2380	ok	s=8,m=11	0.21	-2.311e+04	0.22	-2.311e+04	2	304.7	32.2	0.37	0.96	0.0	1,1
2381	ok	s=17,m=11	0.15	-2.449e+04	0.15	-2.449e+04	4	215.6	15.2	0.18	1.00	0.0	21,21
2382	ok	s=17,m=11	0.14	-2.337e+04	0.14	-2.337e+04	4	215.6	15.2	0.18	1.00	0.0	14,14
2383	ok	s=4,m=11	0.10	1.253e+04			2	256.1	27.1	0.31	0.97	0.0	1,0
2384	ok	s=4,m=11	0.11	1.370e+04			2	256.1	27.1	0.31	0.97	0.0	1,0
2385	ok	s=4,m=11	0.10	1.270e+04			2	256.1	27.1	0.31	0.97	0.0	1,0
2386	ok	s=4,m=11	0.11	1.367e+04			2	256.1	27.1	0.31	0.97	0.0	1,0
2387	ok	s=20,m=11	0.15	8347.3			1	276.5	58.0	0.67	0.86	0.0	1,0
2388	ok	s=20,m=11	0.15	8417.1			1	276.5	58.0	0.67	0.86	0.0	1,0
2389	ok	s=12,m=11	0.15	-1.281e+04	0.15	-1.281e+04	2	217.9	28.8	0.33	0.97	0.0	1,1
2390	ok	s=12,m=11	0.23	-2.062e+04	0.24	-2.062e+04	2	217.9	28.8	0.33	0.97	0.0	1,1
2391	ok	s=12,m=11	0.25	-2.160e+04	0.25	-2.160e+04	2	217.9	28.8	0.33	0.97	0.0	1,1
2392	ok	s=12,m=11	0.15	-1.282e+04	0.15	-1.282e+04	2	217.9	28.8	0.33	0.97	0.0	1,1
2393	ok	s=20,m=11	0.32	1.757e+04			1	294.0	61.7	0.71	0.84	0.0	1,0
2394	ok	s=20,m=11	0.32	1.766e+04			1	294.0	61.7	0.71	0.84	0.0	1,0
2395	ok	s=3,m=11	0.19	-1.712e+04	0.20	-1.712e+04	2	160.0	21.1	0.24	0.99	0.0	1,1
2396	ok	s=19,m=11	0.11	-8832.9	0.12	-8832.9	1	205.1	30.7	0.35	0.96	0.0	1,1
2397	ok	s=19,m=11	0.11	-8657.5	0.12	-8657.5	1	205.1	30.7	0.35	0.96	0.0	1,1
2398	ok	s=19,m=11	0.04	-2770.0	0.04	-2770.0	1	188.7	28.3	0.33	0.97	0.0	1,1
2399	ok	s=19,m=11	0.04	-2773.6	0.04	-2773.6	1	188.7	28.3	0.33	0.97	0.0	1,1
2400	ok	s=17,m=11	0.16	-2.715e+04	0.16	-2.715e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2401	ok	s=17,m=11	0.17	-2.727e+04	0.17	-2.727e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2402	ok	s=17,m=11	0.12	-2.056e+04	0.12	-2.056e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2403	ok	s=17,m=11	0.12	-2.030e+04	0.12	-2.030e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2404	ok	s=19,m=11	0.13	-1.008e+04	0.13	-1.008e+04	1	201.7	30.2	0.35	0.97	0.0	1,1
2405	ok	s=19,m=11	0.13	-1.016e+04	0.14	-1.016e+04	1	201.7	30.2	0.35	0.97	0.0	1,1
2406	ok	s=20,m=11	0.05	2853.5	0.03	-1428.8	1	296.9	62.3	0.72	0.84	0.0	20,21
2407	ok	s=20,m=11	0.30	-1.690e+04	0.36	-1.690e+04	1	298.3	62.6	0.72	0.84	0.0	1,1
2408	ok	s=20,m=11	0.05	2618.5	0.03	-1194.3	1	296.9	62.3	0.72	0.84	0.0	11,14
2409	ok	s=20,m=11	0.31	-1.692e+04	0.36	-1.692e+04	1	298.3	62.6	0.72	0.84	0.0	1,1
2410	ok	s=19,m=11	0.10	-7383.1	0.10	-7383.1	1	166.9	25.0	0.29	0.98	0.0	1,1
2411	ok	s=19,m=11	0.10	-7408.5	0.10	-7408.5	1	166.9	25.0	0.29	0.98	0.0	1,1
2412	ok	s=18,m=11	0.54	5.905e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
2413	ok	s=18,m=11	0.54	5.905e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
2414	ok	s=17,m=11	0.21	-3.441e+04	0.21	-3.441e+04	4	215.6	15.2	0.18	1.00	0.0	21,21
2415	ok	s=17,m=11	0.20	-3.307e+04	0.20	-3.307e+04	4	215.6	15.2	0.18	1.00	0.0	14,14
2416	ok	s=21,m=11	0.18	-2.342e+04	0.19	-2.342e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2417	ok	s=19,m=11	0.11	-8222.9	0.11	-8222.9	1	200.2	30.0	0.35	0.97	0.0	8,8
2418	ok	s=19,m=11	0.10	-8005.2	0.11	-8005.2	1	200.2	30.0	0.35	0.97	0.0	7,7
2419	ok	s=21,m=11	0.18	-2.353e+04	0.19	-2.353e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2420	ok	s=20,m=11	0.10	5331.3			1	290.9	61.0	0.70	0.85	0.0	1,0
2421	ok	s=20,m=11	0.10	5295.6			1	290.9	61.0	0.70	0.85	0.0	1,0
2422	ok	s=19,m=11	0.02	1911.9	1.04e-03	-78.1	1	205.1	30.7	0.35	0.96	0.0	1,31
2423	ok	s=19,m=11	0.03	1995.3	5.58e-04	-41.7	1	205.1	30.7	0.35	0.96	0.0	1,36
2424	ok	s=17,m=11	0.16	-2.554e+04	0.16	-2.554e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2425	ok	s=17,m=11	0.16	-2.564e+04	0.16	-2.564e+04	4	216.0	15.3	0.18	1.00	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
2426	ok	s=20,m=11	0.28	1.552e+04			1	277.6	58.2	0.67	0.86	0.0	1,0
2427	ok	s=20,m=11	0.28	1.544e+04			1	277.6	58.2	0.67	0.86	0.0	1,0
2428	ok	s=20,m=11	0.23	1.247e+04			1	276.5	58.0	0.67	0.86	0.0	1,0
2429	ok	s=20,m=11	0.23	1.252e+04			1	276.5	58.0	0.67	0.86	0.0	1,0
2430	ok	s=21,m=11	0.12	-1.628e+04	0.13	-1.628e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
2431	ok	s=21,m=11	0.12	-1.633e+04	0.13	-1.633e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
2432	ok	s=20,m=11	0.14	-7865.1	0.17	-7865.1	1	298.3	62.6	0.72	0.84	0.0	1,1
2433	ok	s=20,m=11	0.08	-4365.4	0.09	-4365.4	1	296.9	62.3	0.72	0.84	0.0	1,1
2434	ok	s=20,m=11	0.14	-7909.6	0.17	-7909.6	1	298.3	62.6	0.72	0.84	0.0	1,1
2435	ok	s=20,m=11	0.08	-4378.3	0.09	-4378.3	1	296.9	62.3	0.72	0.84	0.0	1,1
2436	ok	s=20,m=11	0.29	1.586e+04			1	283.9	59.6	0.69	0.85	0.0	1,0
2437	ok	s=20,m=11	0.29	1.586e+04			1	283.9	59.6	0.69	0.85	0.0	1,0
2438	ok	s=18,m=11	0.60	6.631e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
2439	ok	s=21,m=11	0.14	-1.876e+04	0.15	-1.876e+04	3	400.0	35.5	0.41	0.95	0.0	1,1
2440	ok	s=18,m=11	0.60	6.631e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
2441	ok	s=17,m=11	0.29	-4.730e+04	0.29	-4.730e+04	4	215.6	15.2	0.18	1.00	0.0	22,22
2442	ok	s=17,m=11	0.28	-4.593e+04	0.28	-4.593e+04	4	215.6	15.2	0.18	1.00	0.0	13,13
2443	ok	s=19,m=11	0.08	-6109.1	0.08	-6109.1	1	188.7	28.3	0.33	0.97	0.0	1,1
2444	ok	s=19,m=11	0.08	-6084.5	0.08	-6084.5	1	188.7	28.3	0.33	0.97	0.0	1,1
2445	ok	s=17,m=11	0.17	-2.879e+04	0.17	-2.879e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2446	ok	s=17,m=11	0.18	-2.979e+04	0.18	-2.979e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2447	ok	s=20,m=11	0.26	-1.462e+04	0.31	-1.462e+04	1	294.4	61.8	0.71	0.84	0.0	1,1
2448	ok	s=20,m=11	0.05	-2794.0	0.06	-2794.0	1	296.7	62.3	0.72	0.84	0.0	1,1
2449	ok	s=20,m=11	0.27	-1.480e+04	0.32	-1.480e+04	1	294.4	61.8	0.71	0.84	0.0	1,1
2450	ok	s=20,m=11	0.06	-3078.9	0.07	-3078.9	1	296.7	62.3	0.72	0.84	0.0	1,1
2451	ok	s=17,m=11	0.25	-4.176e+04	0.25	-4.176e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2452	ok	s=19,m=11	0.13	-1.002e+04	0.13	-1.002e+04	1	181.3	27.2	0.31	0.97	0.0	1,1
2453	ok	s=19,m=11	0.13	-9967.0	0.13	-9967.0	1	181.3	27.2	0.31	0.97	0.0	1,1
2454	ok	s=17,m=11	0.26	-4.217e+04	0.26	-4.217e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2455	ok	s=19,m=11	0.03	2233.0	2.48e-04	-18.6	1	205.1	30.7	0.35	0.96	0.0	1,32
2456	ok	s=19,m=11	0.03	2290.5	2.92e-05	-2.2	1	205.1	30.7	0.35	0.96	0.0	1,33
2457	ok	s=20,m=11	0.11	-6032.0	0.13	-6032.0	1	294.1	61.7	0.71	0.84	0.0	1,1
2458	ok	s=20,m=11	0.15	-8142.8	0.17	-8142.8	1	294.9	61.9	0.71	0.84	0.0	1,1
2459	ok	s=20,m=11	0.11	-6128.5	0.13	-6128.5	1	294.1	61.7	0.71	0.84	0.0	1,1
2460	ok	s=20,m=11	0.15	-8037.0	0.17	-8037.0	1	294.9	61.9	0.71	0.84	0.0	1,1
2461	ok	s=19,m=11	0.13	-1.043e+04	0.14	-1.043e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
2462	ok	s=19,m=11	0.13	-1.043e+04	0.14	-1.043e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
2463	ok	s=20,m=11	0.27	1.493e+04			1	282.2	59.2	0.68	0.86	0.0	1,0
2464	ok	s=20,m=11	0.27	1.503e+04			1	282.2	59.2	0.68	0.86	0.0	1,0
2465	ok	s=25,m=11	0.27	1.712e+04	0.14	-7773.9	1	264.0	48.5	0.56	0.91	0.0	14,11
2466	ok	s=3,m=11	0.04	3484.7			2	80.0	10.6	0.12	1.00	0.0	1,0
2467	ok	s=25,m=11	0.24	1.547e+04	0.11	-6268.6	1	264.0	48.5	0.56	0.91	0.0	21,20
2468	ok	s=3,m=11	0.03	2535.0	4.28e-03	-377.4	2	80.0	10.6	0.12	1.00	0.0	1,33
2469	ok	s=17,m=11	0.09	1.554e+04			4	215.7	15.2	0.18	1.00	0.0	1,0
2470	ok	s=17,m=11	0.09	1.541e+04			4	215.7	15.2	0.18	1.00	0.0	1,0
2471	ok	s=25,m=11	0.07	4323.3	0.10	-4164.3	1	461.0	84.6	0.97	0.68	0.0	10,7
2472	ok	s=4,m=11	0.36	-4.465e+04	0.38	-4.465e+04	2	309.5	32.7	0.38	0.96	0.0	1,1
2473	ok	s=4,m=11	0.49	-6.091e+04	0.52	-6.091e+04	2	309.5	32.7	0.38	0.96	0.0	1,1
2474	ok	s=4,m=11	0.37	-4.553e+04	0.39	-4.553e+04	2	309.5	32.7	0.38	0.96	0.0	1,1
2475	ok	s=4,m=11	0.49	-6.009e+04	0.51	-6.009e+04	2	309.5	32.7	0.38	0.96	0.0	1,1
2476	ok	s=19,m=11	0.13	-9775.5	0.13	-9775.5	1	166.9	25.0	0.29	0.98	0.0	1,1
2477	ok	s=19,m=11	0.13	-9791.8	0.13	-9791.8	1	166.9	25.0	0.29	0.98	0.0	1,1
2478	ok	s=21,m=11	0.17	-2.199e+04	0.18	-2.199e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2479	ok	s=21,m=11	0.17	-2.196e+04	0.18	-2.196e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2480	ok	s=7,m=11	0.10	1.346e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
2481	ok	s=7,m=11	0.07	9395.1	7.22e-03	-945.4	3	204.0	18.1	0.21	1.00	0.0	1,37
2482	ok	s=7,m=11	0.10	1.328e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
2483	ok	s=7,m=11	0.07	9620.0	5.72e-03	-749.6	3	204.0	18.1	0.21	1.00	0.0	1,34
2484	ok	s=20,m=11	0.15	-8434.3	0.18	-8434.3	1	296.9	62.3	0.72	0.84	0.0	1,1
2485	ok	s=20,m=11	0.07	-3787.2	0.08	-3787.2	1	298.3	62.6	0.72	0.84	0.0	1,1
2486	ok	s=20,m=11	0.15	-8460.2	0.18	-8460.2	1	296.9	62.3	0.72	0.84	0.0	1,1
2487	ok	s=20,m=11	0.07	-3832.4	0.08	-3832.4	1	298.3	62.6	0.72	0.84	0.0	1,1
2488	ok	s=20,m=11	0.22	1.236e+04			1	283.9	59.6	0.69	0.85	0.0	1,0
2489	ok	s=20,m=11	0.22	1.235e+04			1	283.9	59.6	0.69	0.85	0.0	1,0
2490	ok	s=18,m=11	0.54	5.910e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
2491	ok	s=18,m=11	0.54	5.909e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
2492	ok	s=20,m=11	0.17	9673.0			1	290.9	61.0	0.70	0.85	0.0	1,0
2493	ok	s=20,m=11	0.17	9635.0			1	290.9	61.0	0.70	0.85	0.0	1,0
2494	ok	s=20,m=11	0.22	1.203e+04			1	277.6	58.2	0.67	0.86	0.0	1,0
2495	ok	s=20,m=11	0.22	1.194e+04			1	277.6	58.2	0.67	0.86	0.0	1,0
2496	ok	s=19,m=11	0.13	-9855.8	0.13	-9855.8	1	188.7	28.3	0.33	0.97	0.0	1,1
2497	ok	s=19,m=11	0.13	-9924.7	0.13	-9924.7	1	188.7	28.3	0.33	0.97	0.0	1,1
2498	ok	s=7,m=11	0.33	4.285e+04			3	80.0	7.1	0.08	1.00	0.0	1,0

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
2499	ok	s=7,m=11	0.32	4.243e+04			3	80.0	7.1	0.08	1.00	0.0	1,0
2500	ok	s=17,m=11	0.20	-3.346e+04	0.20	-3.346e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2501	ok	s=17,m=11	0.20	-3.345e+04	0.20	-3.345e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2502	ok	s=19,m=11	0.02	1470.9	5.60e-03	-419.4	1	205.1	30.7	0.35	0.96	0.0	1,34
2503	ok	s=19,m=11	0.02	1510.7	5.51e-03	-412.2	1	205.1	30.7	0.35	0.96	0.0	1,37
2504	ok	s=19,m=11	0.10	-8067.9	0.11	-8067.9	1	188.7	28.3	0.33	0.97	0.0	1,1
2505	ok	s=19,m=11	0.10	-8062.9	0.11	-8062.9	1	188.7	28.3	0.33	0.97	0.0	1,1
2506	ok	s=20,m=11	0.30	1.638e+04			1	276.5	58.0	0.67	0.86	0.0	1,0
2507	ok	s=20,m=11	0.30	1.641e+04			1	276.5	58.0	0.67	0.86	0.0	1,0
2508	ok	s=11,m=11	0.17	-1.485e+04	0.17	-1.485e+04	2	80.0	10.6	0.12	1.00	0.0	1,1
2509	ok	s=11,m=11	0.18	-1.544e+04	0.18	-1.544e+04	2	80.0	10.6	0.12	1.00	0.0	1,1
2510	ok	s=19,m=11	0.18	-1.371e+04	0.18	-1.371e+04	1	201.7	30.2	0.35	0.97	0.0	1,1
2511	ok	s=19,m=11	0.18	-1.417e+04	0.19	-1.417e+04	1	201.7	30.2	0.35	0.97	0.0	1,1
2512	ok	s=19,m=11	0.11	-8713.8	0.12	-8713.8	1	188.7	28.3	0.33	0.97	0.0	1,1
2513	ok	s=19,m=11	0.11	-8681.4	0.12	-8681.4	1	188.7	28.3	0.33	0.97	0.0	1,1
2514	ok	s=19,m=11	0.07	-5472.1	0.07	-5472.1	1	200.2	30.0	0.35	0.97	0.0	8,8
2515	ok	s=19,m=11	0.07	-5363.3	0.07	-5363.3	1	200.2	30.0	0.35	0.97	0.0	7,7
2516	ok	s=17,m=11	0.12	1.934e+04	0.08	-1.350e+04	4	215.6	15.2	0.18	1.00	0.0	20,21
2517	ok	s=17,m=11	0.11	1.787e+04	0.08	-1.239e+04	4	215.6	15.2	0.18	1.00	0.0	11,14
2518	ok	s=20,m=11	0.02	1003.9	0.02	-910.9	1	298.3	62.6	0.72	0.84	0.0	22,19
2519	ok	s=20,m=11	0.22	-1.231e+04	0.26	-1.231e+04	1	296.9	62.3	0.72	0.84	0.0	1,1
2520	ok	s=20,m=11	0.02	893.6	0.02	-839.2	1	298.3	62.6	0.72	0.84	0.0	13,12
2521	ok	s=20,m=11	0.22	-1.236e+04	0.27	-1.236e+04	1	296.9	62.3	0.72	0.84	0.0	1,1
2522	ok	s=20,m=11	0.15	8396.0			1	283.9	59.6	0.69	0.85	0.0	1,0
2523	ok	s=20,m=11	0.15	8379.4			1	283.9	59.6	0.69	0.85	0.0	1,0
2524	ok	s=18,m=11	0.41	4.507e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
2525	ok	s=18,m=11	0.41	4.506e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
2526	ok	s=19,m=11	0.10	-7707.9	0.10	-7707.9	1	181.3	27.2	0.31	0.97	0.0	1,1
2527	ok	s=19,m=11	0.10	-7643.5	0.10	-7643.5	1	181.3	27.2	0.31	0.97	0.0	1,1
2528	ok	s=20,m=11	0.21	1.155e+04			1	282.2	59.2	0.68	0.86	0.0	1,0
2529	ok	s=20,m=11	0.21	1.166e+04			1	282.2	59.2	0.68	0.86	0.0	1,0
2530	ok	s=17,m=11	0.15	-2.481e+04	0.15	-2.481e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2531	ok	s=17,m=11	0.15	-2.507e+04	0.15	-2.507e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2532	ok	s=21,m=11	0.17	-2.183e+04	0.18	-2.183e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2533	ok	s=21,m=11	0.16	-2.155e+04	0.17	-2.155e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2534	ok	s=19,m=11	0.02	-1937.8	0.03	-1937.8	1	205.1	30.7	0.35	0.96	0.0	14,14
2535	ok	s=19,m=11	0.02	-1902.1	0.03	-1902.1	1	205.1	30.7	0.35	0.96	0.0	21,21
2536	ok	s=19,m=11	0.07	-5433.6	0.07	-5433.6	1	188.7	28.3	0.33	0.97	0.0	1,1
2537	ok	s=19,m=11	0.07	-5422.6	0.07	-5422.6	1	188.7	28.3	0.33	0.97	0.0	1,1
2538	ok	s=17,m=11	0.16	-2.608e+04	0.16	-2.608e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2539	ok	s=17,m=11	0.16	-2.677e+04	0.16	-2.677e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2540	ok	s=20,m=11	0.25	1.369e+04			1	290.9	61.0	0.70	0.85	0.0	1,0
2541	ok	s=20,m=11	0.25	1.364e+04			1	290.9	61.0	0.70	0.85	0.0	1,0
2542	ok	s=21,m=11	0.15	-2.024e+04	0.16	-2.024e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
2543	ok	s=21,m=11	0.16	-2.035e+04	0.16	-2.035e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
2544	ok	s=21,m=11	0.12	-1.577e+04	0.13	-1.577e+04	3	400.0	35.5	0.41	0.95	0.0	1,1
2545	ok	s=20,m=11	0.32	1.792e+04			1	299.2	62.8	0.72	0.84	0.0	1,0
2546	ok	s=20,m=11	0.32	1.795e+04			1	299.2	62.8	0.72	0.84	0.0	1,0
2547	ok	s=17,m=11	0.15	-2.460e+04	0.15	-2.460e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
2548	ok	s=20,m=11	0.15	8244.0			1	277.6	58.2	0.67	0.86	0.0	1,0
2549	ok	s=20,m=11	0.15	8137.7			1	277.6	58.2	0.67	0.86	0.0	1,0
2550	ok	s=17,m=11	0.15	-2.507e+04	0.15	-2.507e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
2551	ok	s=20,m=11	0.31	-1.719e+04	0.37	-1.719e+04	1	296.9	62.3	0.72	0.84	0.0	1,1
2552	ok	s=20,m=11	0.09	4807.1	1.24e-03	-57.7	1	298.3	62.6	0.72	0.84	0.0	1,19
2553	ok	s=20,m=11	0.31	-1.726e+04	0.37	-1.726e+04	1	296.9	62.3	0.72	0.84	0.0	1,1
2554	ok	s=20,m=11	0.09	4806.4			1	298.3	62.6	0.72	0.84	0.0	1,0
2555	ok	s=20,m=11	0.07	3840.4	5.52e-03	-261.5	1	283.9	59.6	0.69	0.85	0.0	1,20
2556	ok	s=20,m=11	0.07	3819.3	5.00e-03	-236.6	1	283.9	59.6	0.69	0.85	0.0	1,11
2557	ok	s=18,m=11	0.23	2.500e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
2558	ok	s=19,m=11	0.10	-7566.6	0.10	-7566.6	1	188.7	28.3	0.33	0.97	0.0	1,1
2559	ok	s=19,m=11	0.10	-7635.6	0.10	-7635.6	1	188.7	28.3	0.33	0.97	0.0	1,1
2560	ok	s=18,m=11	0.23	2.500e+04			2	215.6	22.8	0.26	0.99	0.0	1,0
2561	ok	s=8,m=11	0.17	-1.850e+04	0.17	-1.850e+04	2	300.6	31.7	0.37	0.96	0.0	1,1
2562	ok	s=8,m=11	0.13	-1.422e+04	0.13	-1.422e+04	2	300.6	31.7	0.37	0.96	0.0	36,36
2563	ok	s=8,m=11	0.17	-1.823e+04	0.17	-1.823e+04	2	300.6	31.7	0.37	0.96	0.0	1,1
2564	ok	s=8,m=11	0.13	-1.419e+04	0.13	-1.419e+04	2	300.6	31.7	0.37	0.96	0.0	31,31
2565	ok	s=20,m=11	0.07	3688.7	0.04	-2082.3	1	296.7	62.3	0.72	0.84	0.0	22,19
2566	ok	s=20,m=11	0.34	-1.910e+04	0.41	-1.910e+04	1	294.4	61.8	0.71	0.84	0.0	1,1
2567	ok	s=20,m=11	0.06	3066.6	0.04	-1860.7	1	296.7	62.3	0.72	0.84	0.0	13,12
2568	ok	s=20,m=11	0.35	-1.918e+04	0.41	-1.918e+04	1	294.4	61.8	0.71	0.84	0.0	1,1
2569	ok	s=17,m=11	0.17	-2.743e+04	0.17	-2.743e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2570	ok	s=17,m=11	0.17	-2.772e+04	0.17	-2.772e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2571	ok	s=20,m=11	0.13	-7044.2	0.15	-7044.2	1	294.9	61.9	0.71	0.84	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
2572	ok	s=20,m=11	0.12	-6761.3	0.14	-6761.3	1	294.1	61.7	0.71	0.84	0.0	1,1
2573	ok	s=20,m=11	0.13	-6928.6	0.15	-6928.6	1	294.9	61.9	0.71	0.84	0.0	1,1
2574	ok	s=20,m=11	0.12	-6888.8	0.15	-6888.8	1	294.1	61.7	0.71	0.84	0.0	1,1
2575	ok	s=19,m=11	0.16	-1.254e+04	0.17	-1.254e+04	1	211.5	31.7	0.37	0.96	0.0	1,1
2576	ok	s=19,m=11	0.16	-1.256e+04	0.17	-1.256e+04	1	211.5	31.7	0.37	0.96	0.0	1,1
2577	ok	s=19,m=11	0.05	-4057.9	0.05	-4057.9	1	205.1	30.7	0.35	0.96	0.0	14,14
2578	ok	s=19,m=11	0.05	-3981.3	0.05	-3981.3	1	205.1	30.7	0.35	0.96	0.0	21,21
2579	ok	s=19,m=11	0.04	-3018.1	0.04	-3018.1	1	188.7	28.3	0.33	0.97	0.0	1,1
2580	ok	s=19,m=11	0.04	-3018.5	0.04	-3018.5	1	188.7	28.3	0.33	0.97	0.0	1,1
2581	ok	s=19,m=11	0.14	-1.112e+04	0.15	-1.112e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
2582	ok	s=19,m=11	0.14	-1.108e+04	0.15	-1.108e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
2583	ok	s=19,m=11	0.07	-5232.8	0.07	-5232.8	1	181.3	27.2	0.31	0.97	0.0	1,1
2584	ok	s=19,m=11	0.07	-5163.3	0.07	-5163.3	1	181.3	27.2	0.31	0.97	0.0	1,1
2585	ok	s=20,m=11	0.26	1.453e+04			1	299.2	62.8	0.72	0.84	0.0	1,0
2586	ok	s=20,m=11	0.14	7812.7			1	282.2	59.2	0.68	0.86	0.0	1,0
2587	ok	s=20,m=11	0.14	7915.8			1	282.2	59.2	0.68	0.86	0.0	1,0
2588	ok	s=20,m=11	0.26	1.455e+04			1	299.2	62.8	0.72	0.84	0.0	1,0
2589	ok	s=17,m=11	0.29	-4.825e+04	0.29	-4.825e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
2590	ok	s=17,m=11	0.30	-4.868e+04	0.30	-4.868e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
2591	ok	s=20,m=11	0.20	1.117e+04			1	298.3	62.6	0.72	0.84	0.0	1,0
2592	ok	s=20,m=11	0.43	-2.359e+04	0.51	-2.359e+04	1	296.9	62.3	0.72	0.84	0.0	1,1
2593	ok	s=20,m=11	0.20	1.122e+04			1	298.3	62.6	0.72	0.84	0.0	1,0
2594	ok	s=20,m=11	0.43	-2.365e+04	0.51	-2.365e+04	1	296.9	62.3	0.72	0.84	0.0	1,1
2595	ok	s=20,m=11	0.04	2178.4	0.02	-1140.8	1	289.1	60.7	0.70	0.85	0.0	19,22
2596	ok	s=20,m=11	0.04	2145.3	0.02	-1077.9	1	289.1	60.7	0.70	0.85	0.0	12,13
2597	ok	s=21,m=11	0.19	-2.434e+04	0.20	-2.434e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2598	ok	s=21,m=11	0.19	-2.436e+04	0.20	-2.436e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2599	ok	s=3,m=11	0.32	2.791e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
2600	ok	s=3,m=11	0.40	3.513e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
2601	ok	s=25,m=11	0.05	3133.9	0.04	-2087.3	1	397.9	73.0	0.84	0.77	0.0	9,8
2602	ok	s=3,m=11	0.32	2.814e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
2603	ok	s=3,m=11	0.39	3.439e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
2604	ok	s=17,m=11	0.14	-2.357e+04	0.14	-2.357e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2605	ok	s=17,m=11	0.21	-3.446e+04	0.21	-3.446e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2606	ok	s=17,m=11	0.21	-3.427e+04	0.21	-3.427e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2607	ok	s=17,m=11	0.15	-2.409e+04	0.15	-2.409e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2608	ok	s=19,m=11	0.13	-1.011e+04	0.14	-1.011e+04	1	211.5	31.7	0.37	0.96	0.0	1,1
2609	ok	s=19,m=11	0.13	-1.012e+04	0.14	-1.012e+04	1	211.5	31.7	0.37	0.96	0.0	1,1
2610	ok	s=20,m=11	0.31	1.733e+04			1	290.9	61.0	0.70	0.85	0.0	1,0
2611	ok	s=20,m=11	0.31	1.727e+04			1	290.9	61.0	0.70	0.85	0.0	1,0
2612	ok	s=19,m=11	0.12	-9669.3	0.13	-9669.3	1	205.1	30.7	0.35	0.96	0.0	1,1
2613	ok	s=19,m=11	0.12	-9425.1	0.13	-9425.1	1	205.1	30.7	0.35	0.96	0.0	1,1
2614	ok	s=19,m=11	0.05	-3684.3	0.05	-3684.3	1	188.7	28.3	0.33	0.97	0.0	1,1
2615	ok	s=19,m=11	0.05	-3697.7	0.05	-3697.7	1	188.7	28.3	0.33	0.97	0.0	1,1
2616	ok	s=20,m=11	0.08	4238.8			1	277.6	58.2	0.67	0.86	0.0	1,0
2617	ok	s=20,m=11	0.07	4132.5			1	277.6	58.2	0.67	0.86	0.0	1,0
2618	ok	s=12,m=11	0.20	-1.796e+04	0.21	-1.796e+04	2	217.0	28.7	0.33	0.97	0.0	1,1
2619	ok	s=12,m=11	0.20	-1.778e+04	0.21	-1.778e+04	2	217.0	28.7	0.33	0.97	0.0	1,1
2620	ok	s=12,m=11	0.21	-1.826e+04	0.21	-1.826e+04	2	217.0	28.7	0.33	0.97	0.0	1,1
2621	ok	s=12,m=11	0.21	-1.832e+04	0.21	-1.832e+04	2	217.0	28.7	0.33	0.97	0.0	1,1
2622	ok	s=19,m=11	0.07	-5065.7	0.07	-5065.7	1	188.7	28.3	0.33	0.97	0.0	1,1
2623	ok	s=19,m=11	0.07	-5134.7	0.07	-5134.7	1	188.7	28.3	0.33	0.97	0.0	1,1
2624	ok	s=19,m=11	0.07	-5305.8	0.07	-5305.8	1	200.2	30.0	0.35	0.97	0.0	1,1
2625	ok	s=19,m=11	0.07	-5319.0	0.07	-5319.0	1	200.2	30.0	0.35	0.97	0.0	1,1
2626	ok	s=20,m=11	0.19	1.053e+04			1	299.2	62.8	0.72	0.84	0.0	1,0
2627	ok	s=20,m=11	0.19	1.054e+04			1	299.2	62.8	0.72	0.84	0.0	1,0
2628	ok	s=17,m=11	0.38	-6.201e+04	0.38	-6.201e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
2629	ok	s=17,m=11	0.38	-6.236e+04	0.38	-6.236e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
2630	ok	s=20,m=11	0.49	-2.700e+04	0.58	-2.700e+04	1	296.9	62.3	0.72	0.84	0.0	1,1
2631	ok	s=20,m=11	0.35	1.954e+04			1	298.3	62.6	0.72	0.84	0.0	1,0
2632	ok	s=20,m=11	0.49	-2.700e+04	0.58	-2.700e+04	1	296.9	62.3	0.72	0.84	0.0	1,1
2633	ok	s=20,m=11	0.35	1.962e+04			1	298.3	62.6	0.72	0.84	0.0	1,0
2634	ok	s=20,m=11	0.11	5870.0			1	289.1	60.7	0.70	0.85	0.0	1,0
2635	ok	s=20,m=11	0.11	5890.4			1	289.1	60.7	0.70	0.85	0.0	1,0
2636	ok	s=17,m=11	0.15	-2.444e+04	0.15	-2.444e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2637	ok	s=17,m=11	0.15	-2.488e+04	0.15	-2.488e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2638	ok	s=19,m=11	0.09	-7280.6	0.10	-7280.6	1	211.5	31.7	0.37	0.96	0.0	1,1
2639	ok	s=19,m=11	0.09	-7291.0	0.10	-7291.0	1	211.5	31.7	0.37	0.96	0.0	1,1
2640	ok	s=7,m=11	0.12	1.524e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
2641	ok	s=7,m=11	0.09	1.173e+04	4.86e-03	-637.0	3	204.0	18.1	0.21	1.00	0.0	1,37
2642	ok	s=7,m=11	0.11	1.506e+04			3	204.0	18.1	0.21	1.00	0.0	1,0
2643	ok	s=7,m=11	0.09	1.193e+04	3.54e-03	-463.2	3	204.0	18.1	0.21	1.00	0.0	1,34
2644	ok	s=19,m=11	0.03	-2616.9	0.03	-2616.9	1	181.3	27.2	0.31	0.97	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
2645	ok	s=19,m=11	0.03	-2547.5	0.03	-2547.5	1	181.3	27.2	0.31	0.97	0.0	1,1
2646	ok	s=20,m=11	0.34	-1.889e+04	0.41	-1.889e+04	1	296.0	62.1	0.72	0.84	0.0	1,1
2647	ok	s=20,m=11	0.08	4604.3	0.06	-2837.7	1	294.6	61.8	0.71	0.84	0.0	36,37
2648	ok	s=20,m=11	0.34	-1.896e+04	0.41	-1.896e+04	1	296.0	62.1	0.72	0.84	0.0	1,1
2649	ok	s=20,m=11	0.08	4584.9	0.06	-2725.9	1	294.6	61.8	0.71	0.84	0.0	31,34
2650	ok	s=4,m=11	0.03	3288.1	0.01	-1379.3	2	220.2	23.3	0.27	0.98	0.0	14,11
2651	ok	s=4,m=11	0.09	1.126e+04	0.07	-8135.8	2	220.2	23.3	0.27	0.98	0.0	22,19
2652	ok	s=4,m=11	0.09	1.051e+04	0.05	-6205.1	2	220.2	23.3	0.27	0.98	0.0	13,12
2653	ok	s=4,m=11	0.03	3475.7	0.02	-1874.7	2	220.2	23.3	0.27	0.98	0.0	21,20
2654	ok	s=19,m=11	0.09	-6724.9	0.09	-6724.9	1	188.7	28.3	0.33	0.97	0.0	1,1
2655	ok	s=19,m=11	0.09	-6736.6	0.09	-6736.6	1	188.7	28.3	0.33	0.97	0.0	1,1
2656	ok	s=20,m=11	0.07	3827.3			1	282.2	59.2	0.68	0.86	0.0	1,0
2657	ok	s=20,m=11	0.07	3930.4			1	282.2	59.2	0.68	0.86	0.0	1,0
2658	ok	s=8,m=11	0.21	-2.329e+04	0.21	-2.329e+04	2	218.8	23.1	0.27	0.99	0.0	1,1
2659	ok	s=8,m=11	0.12	-1.345e+04	0.12	-1.345e+04	2	218.8	23.1	0.27	0.99	0.0	19,19
2660	ok	s=8,m=11	0.11	-1.245e+04	0.11	-1.245e+04	2	218.8	23.1	0.27	0.99	0.0	12,12
2661	ok	s=8,m=11	0.21	-2.347e+04	0.22	-2.347e+04	2	218.8	23.1	0.27	0.99	0.0	1,1
2662	ok	s=21,m=11	0.19	-2.496e+04	0.20	-2.496e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
2663	ok	s=21,m=11	0.19	-2.524e+04	0.20	-2.524e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
2664	ok	s=21,m=11	0.13	-1.723e+04	0.14	-1.723e+04	3	400.0	35.5	0.41	0.95	0.0	1,1
2665	ok	s=21,m=11	0.20	-2.681e+04	0.22	-2.681e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2666	ok	s=21,m=11	0.21	-2.713e+04	0.22	-2.713e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2667	ok	s=20,m=11	0.11	6005.5	4.37e-03	-202.4	1	299.2	62.8	0.72	0.84	0.0	1,22
2668	ok	s=20,m=11	0.11	6017.1	2.77e-03	-128.2	1	299.2	62.8	0.72	0.84	0.0	1,13
2669	ok	s=17,m=11	0.37	-6.157e+04	0.37	-6.157e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
2670	ok	s=17,m=11	0.38	-6.193e+04	0.38	-6.193e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
2671	ok	s=17,m=11	0.14	-2.300e+04	0.14	-2.300e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2672	ok	s=17,m=11	0.14	-2.343e+04	0.14	-2.343e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2673	ok	s=20,m=11	0.19	1.053e+04			1	289.1	60.7	0.70	0.85	0.0	1,0
2674	ok	s=20,m=11	0.19	1.055e+04			1	289.1	60.7	0.70	0.85	0.0	1,0
2675	ok	s=17,m=11	0.11	-1.812e+04	0.11	-1.812e+04	4	216.0	15.3	0.18	1.00	0.0	19,19
2676	ok	s=17,m=11	0.10	-1.720e+04	0.10	-1.720e+04	4	216.0	15.3	0.18	1.00	0.0	12,12
2677	ok	s=20,m=11	0.15	-8159.7	0.17	-8159.7	1	294.1	61.7	0.71	0.84	0.0	1,1
2678	ok	s=20,m=11	0.12	-6904.3	0.15	-6904.3	1	294.9	61.9	0.71	0.84	0.0	1,1
2679	ok	s=20,m=11	0.15	-8255.7	0.18	-8255.7	1	294.1	61.7	0.71	0.84	0.0	1,1
2680	ok	s=20,m=11	0.12	-6830.6	0.15	-6830.6	1	294.9	61.9	0.71	0.84	0.0	1,1
2681	ok	s=20,m=11	9.58e-03	530.9	9.83e-03	-469.1	1	277.6	58.2	0.67	0.86	0.0	21,20
2682	ok	s=20,m=11	7.72e-03	-428.0	8.97e-03	-428.0	1	277.6	58.2	0.67	0.86	0.0	11,11
2683	ok	s=19,m=11	0.21	-1.638e+04	0.22	-1.638e+04	1	201.7	30.2	0.35	0.97	0.0	1,1
2684	ok	s=19,m=11	0.21	-1.609e+04	0.21	-1.609e+04	1	201.7	30.2	0.35	0.97	0.0	1,1
2685	ok	s=19,m=11	0.04	-3202.6	0.04	-3202.6	1	211.5	31.7	0.37	0.96	0.0	1,1
2686	ok	s=19,m=11	0.04	-3202.4	0.04	-3202.4	1	211.5	31.7	0.37	0.96	0.0	1,1
2687	ok	s=19,m=11	0.03	-2401.2	0.03	-2401.2	1	188.7	28.3	0.33	0.97	0.0	1,1
2688	ok	s=19,m=11	0.03	-2470.1	0.03	-2470.1	1	188.7	28.3	0.33	0.97	0.0	1,1
2689	ok	s=19,m=11	0.12	-9550.8	0.13	-9550.8	1	188.7	28.3	0.33	0.97	0.0	1,1
2690	ok	s=19,m=11	0.12	-9563.8	0.13	-9563.8	1	188.7	28.3	0.33	0.97	0.0	1,1
2691	ok	s=20,m=11	0.05	-2830.4	0.06	-2830.4	1	304.9	64.0	0.74	0.83	0.0	19,19
2692	ok	s=20,m=11	0.05	-2780.0	0.06	-2780.0	1	304.9	64.0	0.74	0.83	0.0	12,12
2693	ok	s=17,m=11	0.34	-5.663e+04	0.34	-5.663e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
2694	ok	s=17,m=11	0.35	-5.691e+04	0.35	-5.691e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
2695	ok	s=8,m=11	0.16	-1.814e+04	0.17	-1.814e+04	2	295.9	31.2	0.36	0.96	0.0	1,1
2696	ok	s=8,m=11	0.13	-1.473e+04	0.14	-1.473e+04	2	295.9	31.2	0.36	0.96	0.0	36,36
2697	ok	s=8,m=11	0.16	-1.788e+04	0.17	-1.788e+04	2	295.9	31.2	0.36	0.96	0.0	1,1
2698	ok	s=8,m=11	0.13	-1.471e+04	0.14	-1.471e+04	2	295.9	31.2	0.36	0.96	0.0	31,31
2699	ok	s=20,m=11	0.27	1.486e+04			1	289.1	60.7	0.70	0.85	0.0	1,0
2700	ok	s=20,m=11	0.27	1.488e+04			1	289.1	60.7	0.70	0.85	0.0	1,0
2701	ok	s=25,m=11	0.21	-1.324e+04	0.32	-1.324e+04	1	476.1	87.4	1.01	0.66	0.0	12,12
2702	ok	s=4,m=11	0.27	-3.363e+04	0.28	-3.363e+04	2	304.7	32.2	0.37	0.96	0.0	1,1
2703	ok	s=4,m=11	0.39	-4.787e+04	0.40	-4.787e+04	2	304.7	32.2	0.37	0.96	0.0	1,1
2704	ok	s=4,m=11	0.30	-3.720e+04	0.31	-3.720e+04	2	304.7	32.2	0.37	0.96	0.0	1,1
2705	ok	s=4,m=11	0.39	-4.762e+04	0.40	-4.762e+04	2	304.7	32.2	0.37	0.96	0.0	1,1
2706	ok	s=19,m=11	0.03	-2508.4	0.03	-2508.4	1	181.3	27.2	0.31	0.97	0.0	1,1
2707	ok	s=17,m=11	0.20	-3.361e+04	0.20	-3.361e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2708	ok	s=17,m=11	0.20	-3.320e+04	0.20	-3.320e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2709	ok	s=19,m=11	0.03	-2511.7	0.03	-2511.7	1	181.3	27.2	0.31	0.97	0.0	1,1
2710	ok	s=20,m=11	0.06	-3432.2	0.07	-3432.2	1	294.6	61.8	0.71	0.84	0.0	37,37
2711	ok	s=20,m=11	0.29	-1.585e+04	0.34	-1.585e+04	1	296.0	62.1	0.72	0.84	0.0	1,1
2712	ok	s=20,m=11	0.06	-3391.9	0.07	-3391.9	1	294.6	61.8	0.71	0.84	0.0	34,34
2713	ok	s=20,m=11	0.29	-1.585e+04	0.34	-1.585e+04	1	296.0	62.1	0.72	0.84	0.0	1,1
2714	ok	s=20,m=11	0.02	-1102.1	0.02	-1102.1	1	282.2	59.2	0.68	0.86	0.0	21,21
2715	ok	s=20,m=11	0.02	-992.2	0.02	-992.2	1	282.2	59.2	0.68	0.86	0.0	14,14
2716	ok	s=19,m=11	0.03	-2423.8	0.03	-2423.8	1	211.5	31.7	0.37	0.96	0.0	1,1
2717	ok	s=19,m=11	0.03	-2413.3	0.03	-2413.3	1	211.5	31.7	0.37	0.96	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
2718	ok	s=21,m=11	0.22	-2.873e+04	0.23	-2.873e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2719	ok	s=21,m=11	0.22	-2.891e+04	0.23	-2.891e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2720	ok	s=11,m=11	0.24	2.113e+04			2	80.0	10.6	0.12	1.00	0.0	1,0
2721	ok	s=11,m=11	0.24	2.102e+04			2	80.0	10.6	0.12	1.00	0.0	1,0
2722	ok	s=19,m=11	0.16	-1.220e+04	0.16	-1.220e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
2723	ok	s=19,m=11	0.16	-1.223e+04	0.16	-1.223e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
2724	ok	s=19,m=11	0.11	-8507.9	0.11	-8507.9	1	200.2	30.0	0.35	0.97	0.0	1,1
2725	ok	s=19,m=11	0.11	-8539.3	0.11	-8539.3	1	200.2	30.0	0.35	0.97	0.0	1,1
2726	ok	s=17,m=11	0.14	-2.276e+04	0.14	-2.276e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2727	ok	s=17,m=11	0.14	-2.309e+04	0.14	-2.309e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2728	ok	s=20,m=11	0.07	3731.0	0.02	-877.5	1	304.9	64.0	0.74	0.83	0.0	1,19
2729	ok	s=20,m=11	0.07	3715.9	0.02	-836.0	1	304.9	64.0	0.74	0.83	0.0	1,12
2730	ok	s=17,m=11	0.26	-4.211e+04	0.26	-4.211e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
2731	ok	s=17,m=11	0.26	-4.228e+04	0.26	-4.228e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
2732	ok	s=20,m=11	0.08	4158.7			1	285.9	60.0	0.69	0.85	0.0	1,0
2733	ok	s=20,m=11	0.08	4275.3			1	285.9	60.0	0.69	0.85	0.0	1,0
2734	ok	s=19,m=11	0.17	-1.310e+04	0.17	-1.310e+04	1	201.7	30.2	0.35	0.97	0.0	1,1
2735	ok	s=19,m=11	0.17	-1.297e+04	0.17	-1.297e+04	1	201.7	30.2	0.35	0.97	0.0	1,1
2736	ok	s=20,m=11	0.34	1.887e+04			1	289.1	60.7	0.70	0.85	0.0	1,0
2737	ok	s=20,m=11	0.34	1.891e+04			1	289.1	60.7	0.70	0.85	0.0	1,0
2738	ok	s=17,m=11	0.13	-2.147e+04	0.13	-2.147e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2739	ok	s=17,m=11	0.13	-2.202e+04	0.13	-2.202e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2740	ok	s=19,m=11	0.03	-2556.7	0.03	-2556.7	1	188.7	28.3	0.33	0.97	0.0	1,1
2741	ok	s=19,m=11	0.03	-2556.7	0.03	-2556.7	1	188.7	28.3	0.33	0.97	0.0	1,1
2742	ok	s=17,m=11	0.04	-5862.4	0.04	-5862.4	4	215.7	15.2	0.18	1.00	0.0	37,37
2743	ok	s=17,m=11	0.03	-5708.2	0.03	-5708.2	4	215.7	15.2	0.18	1.00	0.0	34,34
2744	ok	s=19,m=11	0.07	-5639.9	0.08	-5639.9	1	211.5	31.7	0.37	0.96	0.0	1,1
2745	ok	s=19,m=11	0.07	-5625.9	0.08	-5625.9	1	211.5	31.7	0.37	0.96	0.0	1,1
2746	ok	s=21,m=11	0.23	-2.990e+04	0.24	-2.990e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
2747	ok	s=21,m=11	0.23	-3.058e+04	0.25	-3.058e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
2748	ok	s=7,m=11	0.06	8350.4	0.01	-1690.0	3	204.0	18.1	0.21	1.00	0.0	32,33
2749	ok	s=7,m=11	0.07	9257.9	0.03	-3855.1	3	204.0	18.1	0.21	1.00	0.0	34,31
2750	ok	s=21,m=11	0.16	-2.101e+04	0.17	-2.101e+04	3	400.0	35.5	0.41	0.95	0.0	1,1
2751	ok	s=7,m=11	0.06	8376.9	0.01	-1786.3	3	204.0	18.1	0.21	1.00	0.0	35,38
2752	ok	s=7,m=11	0.07	9336.9	0.03	-3850.4	3	204.0	18.1	0.21	1.00	0.0	37,36
2753	ok	s=19,m=11	0.06	-5036.8	0.07	-5036.8	1	181.3	27.2	0.31	0.97	0.0	1,1
2754	ok	s=19,m=11	0.07	-5109.3	0.07	-5109.3	1	181.3	27.2	0.31	0.97	0.0	1,1
2755	ok	s=20,m=11	0.24	-1.333e+04	0.29	-1.333e+04	1	296.0	62.1	0.72	0.84	0.0	1,1
2756	ok	s=20,m=11	0.10	-5330.4	0.11	-5330.4	1	294.6	61.8	0.71	0.84	0.0	1,1
2757	ok	s=20,m=11	0.24	-1.336e+04	0.29	-1.336e+04	1	296.0	62.1	0.72	0.84	0.0	1,1
2758	ok	s=20,m=11	0.10	-5364.7	0.11	-5364.7	1	294.6	61.8	0.71	0.84	0.0	1,1
2759	ok	s=20,m=11	0.15	8366.7			1	304.9	64.0	0.74	0.83	0.0	1,0
2760	ok	s=20,m=11	0.15	8346.4			1	304.9	64.0	0.74	0.83	0.0	1,0
2761	ok	s=20,m=11	0.08	4565.3			1	290.9	61.0	0.70	0.85	0.0	1,0
2762	ok	s=20,m=11	0.08	4459.0			1	290.9	61.0	0.70	0.85	0.0	1,0
2763	ok	s=17,m=11	0.13	-2.145e+04	0.13	-2.145e+04	4	215.6	15.2	0.18	1.00	0.0	19,19
2764	ok	s=17,m=11	0.13	-2.064e+04	0.13	-2.064e+04	4	215.6	15.2	0.18	1.00	0.0	12,12
2765	ok	s=20,m=11	0.12	-6766.7	0.15	-6766.7	1	294.9	61.9	0.71	0.84	0.0	1,1
2766	ok	s=20,m=11	0.17	-9307.9	0.20	-9307.9	1	294.1	61.7	0.71	0.84	0.0	1,1
2767	ok	s=20,m=11	0.12	-6783.0	0.15	-6783.0	1	294.9	61.9	0.71	0.84	0.0	1,1
2768	ok	s=20,m=11	0.17	-9335.3	0.20	-9335.3	1	294.1	61.7	0.71	0.84	0.0	1,1
2769	ok	s=17,m=11	0.13	-2.215e+04	0.13	-2.215e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2770	ok	s=17,m=11	0.14	-2.234e+04	0.14	-2.234e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2771	ok	s=19,m=11	0.11	-8524.4	0.11	-8524.4	1	211.5	31.7	0.37	0.96	0.0	1,1
2772	ok	s=19,m=11	0.11	-8506.3	0.11	-8506.3	1	211.5	31.7	0.37	0.96	0.0	1,1
2773	ok	s=8,m=11	0.10	-1.122e+04	0.11	-1.122e+04	2	291.9	30.8	0.35	0.96	0.0	38,38
2774	ok	s=8,m=11	0.11	-1.248e+04	0.12	-1.248e+04	2	291.9	30.8	0.35	0.96	0.0	34,34
2775	ok	s=8,m=11	0.10	-1.120e+04	0.11	-1.120e+04	2	291.9	30.8	0.35	0.96	0.0	35,35
2776	ok	s=8,m=11	0.11	-1.261e+04	0.12	-1.261e+04	2	291.9	30.8	0.35	0.96	0.0	37,37
2777	ok	s=20,m=11	0.15	8183.6			1	285.9	60.0	0.69	0.85	0.0	1,0
2778	ok	s=20,m=11	0.15	8298.0			1	285.9	60.0	0.69	0.85	0.0	1,0
2779	ok	s=19,m=11	0.14	-1.050e+04	0.14	-1.050e+04	1	201.7	30.2	0.35	0.97	0.0	1,1
2780	ok	s=19,m=11	0.14	-1.051e+04	0.14	-1.051e+04	1	201.7	30.2	0.35	0.97	0.0	1,1
2781	ok	s=7,m=11	0.12	1.554e+04			3	80.0	7.1	0.08	1.00	0.0	1,0
2782	ok	s=12,m=11	0.22	-1.936e+04	0.23	-1.936e+04	2	216.4	28.6	0.33	0.97	0.0	1,1
2783	ok	s=12,m=11	0.17	-1.535e+04	0.18	-1.535e+04	2	216.4	28.6	0.33	0.97	0.0	1,1
2784	ok	s=19,m=11	0.07	-5394.5	0.07	-5394.5	1	188.7	28.3	0.33	0.97	0.0	1,1
2785	ok	s=19,m=11	0.07	-5325.5	0.07	-5325.5	1	188.7	28.3	0.33	0.97	0.0	1,1
2786	ok	s=12,m=11	0.17	-1.485e+04	0.17	-1.485e+04	2	216.4	28.6	0.33	0.97	0.0	1,1
2787	ok	s=12,m=11	0.23	-2.047e+04	0.24	-2.047e+04	2	216.4	28.6	0.33	0.97	0.0	1,1
2788	ok	s=7,m=11	0.12	1.549e+04			3	80.0	7.1	0.08	1.00	0.0	1,0
2789	ok	s=20,m=11	0.23	1.252e+04			1	304.9	64.0	0.74	0.83	0.0	1,0
2790	ok	s=20,m=11	0.23	1.250e+04			1	304.9	64.0	0.74	0.83	0.0	1,0

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
2791	ok	s=3,m=11	0.26	2.266e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
2792	ok	s=3,m=11	0.29	2.523e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
2793	ok	s=25,m=11	0.04	-2538.3	0.05	-2538.3	1	418.8	76.9	0.89	0.74	0.0	16,16
2794	ok	s=3,m=11	0.28	2.492e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
2795	ok	s=3,m=11	0.28	2.490e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
2796	ok	s=17,m=11	0.18	3.022e+04	0.08	-1.348e+04	4	215.6	15.2	0.18	1.00	0.0	22,19
2797	ok	s=17,m=11	0.18	2.937e+04	0.08	-1.264e+04	4	215.6	15.2	0.18	1.00	0.0	13,12
2798	ok	s=17,m=11	0.17	-2.816e+04	0.17	-2.816e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2799	ok	s=17,m=11	0.17	-2.761e+04	0.17	-2.761e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2800	ok	s=17,m=11	0.14	-2.357e+04	0.14	-2.357e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2801	ok	s=17,m=11	0.14	-2.373e+04	0.14	-2.373e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2802	ok	s=21,m=11	0.21	-2.760e+04	0.22	-2.760e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2803	ok	s=21,m=11	0.21	-2.750e+04	0.22	-2.750e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2804	ok	s=19,m=11	0.14	-1.098e+04	0.15	-1.098e+04	1	211.5	31.7	0.37	0.96	0.0	1,1
2805	ok	s=19,m=11	0.14	-1.096e+04	0.15	-1.096e+04	1	211.5	31.7	0.37	0.96	0.0	1,1
2806	ok	s=19,m=11	0.17	-1.297e+04	0.17	-1.297e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
2807	ok	s=19,m=11	0.17	-1.307e+04	0.17	-1.307e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
2808	ok	s=25,m=11	0.12	7833.5	0.02	-1088.4	1	308.0	56.5	0.65	0.87	0.0	1,19
2809	ok	s=3,m=11	0.35	3.080e+04	0.03	-2974.3	2	80.0	10.6	0.12	1.00	0.0	1,19
2810	ok	s=7,m=11	0.05	7034.6	0.03	-4334.0	3	204.0	18.1	0.21	1.00	0.0	38,35
2811	ok	s=7,m=11	0.06	7625.6	0.04	-5717.2	3	204.0	18.1	0.21	1.00	0.0	36,37
2812	ok	s=7,m=11	0.05	6947.3	0.03	-4441.6	3	204.0	18.1	0.21	1.00	0.0	35,38
2813	ok	s=7,m=11	0.06	7755.2	0.04	-5628.3	3	204.0	18.1	0.21	1.00	0.0	37,36
2814	ok	s=25,m=11	0.12	7437.5	0.04	-2268.8	1	308.0	56.5	0.65	0.87	0.0	13,12
2815	ok	s=3,m=11	0.34	3.022e+04	0.04	-3400.2	2	80.0	10.6	0.12	1.00	0.0	1,12
2816	ok	s=19,m=11	0.10	-7397.0	0.10	-7397.0	1	181.3	27.2	0.31	0.97	0.0	1,1
2817	ok	s=19,m=11	0.10	-7462.6	0.10	-7462.6	1	181.3	27.2	0.31	0.97	0.0	1,1
2818	ok	s=20,m=11	0.13	-7459.2	0.16	-7459.2	1	294.6	61.8	0.71	0.84	0.0	1,1
2819	ok	s=20,m=11	0.20	-1.112e+04	0.24	-1.112e+04	1	296.0	62.1	0.72	0.84	0.0	1,1
2820	ok	s=20,m=11	0.13	-7415.8	0.16	-7415.8	1	294.6	61.8	0.71	0.84	0.0	1,1
2821	ok	s=20,m=11	0.20	-1.125e+04	0.24	-1.125e+04	1	296.0	62.1	0.72	0.84	0.0	1,1
2822	ok	s=20,m=11	0.15	8560.7			1	290.9	61.0	0.70	0.85	0.0	1,0
2823	ok	s=20,m=11	0.15	8454.4			1	290.9	61.0	0.70	0.85	0.0	1,0
2824	ok	s=8,m=11	0.09	-9600.3	0.09	-9600.3	2	287.9	30.4	0.35	0.97	0.0	38,38
2825	ok	s=8,m=11	0.10	-1.102e+04	0.10	-1.102e+04	2	287.9	30.4	0.35	0.97	0.0	36,36
2826	ok	s=8,m=11	0.09	-9514.1	0.09	-9514.1	2	287.9	30.4	0.35	0.97	0.0	35,35
2827	ok	s=8,m=11	0.10	-1.123e+04	0.11	-1.123e+04	2	287.9	30.4	0.35	0.97	0.0	37,37
2828	ok	s=17,m=11	0.10	-1.632e+04	0.10	-1.632e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2829	ok	s=17,m=11	0.10	-1.675e+04	0.10	-1.675e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2830	ok	s=20,m=11	0.29	1.601e+04			1	304.9	64.0	0.74	0.83	0.0	1,0
2831	ok	s=20,m=11	0.29	1.598e+04			1	304.9	64.0	0.74	0.83	0.0	1,0
2832	ok	s=17,m=11	0.14	-2.366e+04	0.14	-2.366e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2833	ok	s=17,m=11	0.14	-2.383e+04	0.14	-2.383e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2834	ok	s=7,m=11	0.03	4465.1			3	204.0	18.1	0.21	1.00	0.0	1,0
2835	ok	s=7,m=11	0.03	3830.1			3	204.0	18.1	0.21	1.00	0.0	1,0
2836	ok	s=21,m=11	0.17	-2.202e+04	0.18	-2.202e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2837	ok	s=21,m=11	0.17	-2.189e+04	0.18	-2.189e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2838	ok	s=20,m=11	0.21	1.191e+04			1	285.9	60.0	0.69	0.85	0.0	1,0
2839	ok	s=20,m=11	0.22	1.201e+04			1	285.9	60.0	0.69	0.85	0.0	1,0
2840	ok	s=19,m=11	0.12	-9091.7	0.12	-9091.7	1	201.7	30.2	0.35	0.97	0.0	1,1
2841	ok	s=19,m=11	0.12	-9028.3	0.12	-9028.3	1	201.7	30.2	0.35	0.97	0.0	1,1
2842	ok	s=21,m=11	0.20	-2.604e+04	0.21	-2.604e+04	3	400.0	35.5	0.41	0.95	0.0	1,1
2843	ok	s=19,m=11	0.10	-7763.3	0.10	-7763.3	1	188.7	28.3	0.33	0.97	0.0	1,1
2844	ok	s=19,m=11	0.10	-7694.4	0.10	-7694.4	1	188.7	28.3	0.33	0.97	0.0	1,1
2845	ok	s=17,m=11	0.23	-3.737e+04	0.23	-3.737e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2846	ok	s=17,m=11	0.23	-3.756e+04	0.23	-3.756e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2847	ok	s=20,m=11	0.19	-1.049e+04	0.22	-1.049e+04	1	294.1	61.7	0.71	0.84	0.0	1,1
2848	ok	s=20,m=11	0.11	-6160.3	0.13	-6160.3	1	294.9	61.9	0.71	0.84	0.0	1,1
2849	ok	s=20,m=11	0.19	-1.033e+04	0.22	-1.033e+04	1	294.1	61.7	0.71	0.84	0.0	1,1
2850	ok	s=20,m=11	0.12	-6422.6	0.14	-6422.6	1	294.9	61.9	0.71	0.84	0.0	1,1
2851	ok	s=11,m=11	0.17	1.466e+04			2	80.0	10.6	0.12	1.00	0.0	1,0
2852	ok	s=11,m=11	0.17	1.485e+04			2	80.0	10.6	0.12	1.00	0.0	1,0
2853	ok	s=21,m=11	0.11	-1.405e+04	0.11	-1.405e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2854	ok	s=19,m=11	0.12	-9574.1	0.13	-9574.1	1	181.3	27.2	0.31	0.97	0.0	1,1
2855	ok	s=19,m=11	0.12	-9632.7	0.13	-9632.7	1	181.3	27.2	0.31	0.97	0.0	1,1
2856	ok	s=21,m=11	0.11	-1.399e+04	0.11	-1.399e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2857	ok	s=20,m=11	0.16	-8909.0	0.19	-8909.0	1	296.0	62.1	0.72	0.84	0.0	1,1
2858	ok	s=20,m=11	0.17	-9204.3	0.20	-9204.3	1	294.6	61.8	0.71	0.84	0.0	1,1
2859	ok	s=4,m=11	0.22	-2.685e+04	0.23	-2.685e+04	2	300.6	31.8	0.37	0.96	0.0	1,1
2860	ok	s=4,m=11	0.25	-3.135e+04	0.26	-3.135e+04	2	300.6	31.8	0.37	0.96	0.0	1,1
2861	ok	s=4,m=11	0.24	-2.981e+04	0.25	-2.981e+04	2	300.6	31.8	0.37	0.96	0.0	1,1
2862	ok	s=4,m=11	0.25	-3.121e+04	0.26	-3.121e+04	2	300.6	31.8	0.37	0.96	0.0	1,1
2863	ok	s=20,m=11	0.16	-9008.7	0.19	-9008.7	1	296.0	62.1	0.72	0.84	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
2864	ok	s=20,m=11	0.16	-9131.1	0.20	-9131.1	1	294.6	61.8	0.71	0.84	0.0	1,1
2865	ok	s=20,m=11	0.22	1.221e+04			1	290.9	61.0	0.70	0.85	0.0	1,0
2866	ok	s=20,m=11	0.22	1.211e+04			1	290.9	61.0	0.70	0.85	0.0	1,0
2867	ok	s=17,m=11	0.15	-2.540e+04	0.15	-2.540e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2868	ok	s=17,m=11	0.16	-2.559e+04	0.16	-2.559e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2869	ok	s=17,m=11	0.11	-1.833e+04	0.11	-1.833e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2870	ok	s=17,m=11	0.11	-1.785e+04	0.11	-1.785e+04	4	216.0	15.3	0.18	1.00	0.0	1,1
2871	ok	s=21,m=11	0.24	-3.200e+04	0.26	-3.200e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
2872	ok	s=20,m=11	0.28	1.529e+04			1	285.9	60.0	0.69	0.85	0.0	1,0
2873	ok	s=20,m=11	0.28	1.538e+04			1	285.9	60.0	0.69	0.85	0.0	1,0
2874	ok	s=21,m=11	0.24	-3.175e+04	0.25	-3.175e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
2875	ok	s=19,m=11	0.12	-8935.0	0.12	-8935.0	1	201.7	30.2	0.35	0.97	0.0	1,1
2876	ok	s=19,m=11	0.11	-8737.0	0.12	-8737.0	1	201.7	30.2	0.35	0.97	0.0	1,1
2877	ok	s=19,m=11	0.13	-9915.5	0.13	-9915.5	1	188.7	28.3	0.33	0.97	0.0	1,1
2878	ok	s=19,m=11	0.13	-9846.6	0.13	-9846.6	1	188.7	28.3	0.33	0.97	0.0	1,1
2879	ok	s=21,m=11	0.08	-1.044e+04	0.08	-1.044e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2880	ok	s=21,m=11	0.08	-1.043e+04	0.08	-1.043e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2881	ok	s=19,m=11	0.24	-1.845e+04	0.25	-1.845e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
2882	ok	s=19,m=11	0.24	-1.870e+04	0.25	-1.870e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
2883	ok	s=8,m=11	0.16	-1.754e+04	0.16	-1.754e+04	2	217.9	23.0	0.26	0.99	0.0	1,1
2884	ok	s=8,m=11	0.27	-2.942e+04	0.27	-2.942e+04	2	217.9	23.0	0.26	0.99	0.0	1,1
2885	ok	s=8,m=11	0.27	-2.964e+04	0.27	-2.964e+04	2	217.9	23.0	0.26	0.99	0.0	1,1
2886	ok	s=8,m=11	0.16	-1.724e+04	0.16	-1.724e+04	2	217.9	23.0	0.26	0.99	0.0	1,1
2887	ok	s=17,m=11	0.27	-4.449e+04	0.27	-4.449e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2888	ok	s=17,m=11	0.27	-4.476e+04	0.27	-4.476e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2889	ok	s=20,m=11	0.30	1.644e+04			1	283.9	59.6	0.69	0.85	0.0	1,0
2890	ok	s=20,m=11	0.29	1.631e+04			1	283.9	59.6	0.69	0.85	0.0	1,0
2891	ok	s=12,m=11	0.20	-1.792e+04	0.21	-1.792e+04	2	215.9	28.5	0.33	0.97	0.0	1,1
2892	ok	s=12,m=11	0.24	-2.149e+04	0.25	-2.149e+04	2	215.9	28.5	0.33	0.97	0.0	1,1
2893	ok	s=12,m=11	0.25	-2.243e+04	0.26	-2.243e+04	2	215.9	28.5	0.33	0.97	0.0	1,1
2894	ok	s=12,m=11	0.20	-1.743e+04	0.20	-1.743e+04	2	215.9	28.5	0.33	0.97	0.0	1,1
2895	ok	s=17,m=11	0.07	-1.081e+04	0.07	-1.081e+04	4	216.0	15.3	0.18	1.00	0.0	22,22
2896	ok	s=17,m=11	0.06	-9949.4	0.06	-9949.4	4	216.0	15.3	0.18	1.00	0.0	1,1
2897	ok	s=20,m=11	0.21	-1.161e+04	0.25	-1.161e+04	1	294.6	61.8	0.71	0.84	0.0	1,1
2898	ok	s=20,m=11	0.13	-7181.3	0.15	-7181.3	1	296.0	62.1	0.72	0.84	0.0	1,1
2899	ok	s=20,m=11	0.21	-1.170e+04	0.25	-1.170e+04	1	294.6	61.8	0.71	0.84	0.0	1,1
2900	ok	s=20,m=11	0.13	-7126.9	0.15	-7126.9	1	296.0	62.1	0.72	0.84	0.0	1,1
2901	ok	s=19,m=11	0.14	-1.080e+04	0.14	-1.080e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
2902	ok	s=19,m=11	0.14	-1.072e+04	0.14	-1.072e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
2903	ok	s=20,m=11	0.28	1.548e+04			1	290.9	61.0	0.70	0.85	0.0	1,0
2904	ok	s=20,m=11	0.28	1.537e+04			1	290.9	61.0	0.70	0.85	0.0	1,0
2905	ok	s=21,m=11	0.08	-1.107e+04	0.09	-1.107e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2906	ok	s=21,m=11	0.08	-1.110e+04	0.09	-1.110e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2907	ok	s=21,m=11	0.24	-3.185e+04	0.26	-3.185e+04	3	400.0	35.5	0.41	0.95	0.0	1,1
2908	ok	s=20,m=11	0.30	1.679e+04			1	288.8	60.6	0.70	0.85	0.0	1,0
2909	ok	s=20,m=11	0.31	1.692e+04			1	288.8	60.6	0.70	0.85	0.0	1,0
2910	ok	s=17,m=11	0.17	-2.834e+04	0.17	-2.834e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2911	ok	s=17,m=11	0.17	-2.849e+04	0.17	-2.849e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2912	ok	s=20,m=11	0.24	1.306e+04			1	283.9	59.6	0.69	0.85	0.0	1,0
2913	ok	s=20,m=11	0.23	1.293e+04			1	283.9	59.6	0.69	0.85	0.0	1,0
2914	ok	s=25,m=11	0.16	9856.3	0.05	-2092.8	1	440.1	80.8	0.93	0.71	0.0	1,13
2915	ok	s=3,m=11	0.20	1.747e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
2916	ok	s=3,m=11	0.27	2.419e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
2917	ok	s=25,m=11	0.04	2606.2	0.04	-1672.9	1	440.1	80.8	0.93	0.71	0.0	17,16
2918	ok	s=3,m=11	0.23	1.998e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
2919	ok	s=3,m=11	0.27	2.412e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
2920	ok	s=4,m=11	0.14	-1.720e+04	0.14	-1.720e+04	2	218.8	23.1	0.27	0.99	0.0	12,12
2921	ok	s=4,m=11	0.11	1.400e+04			2	218.8	23.1	0.27	0.99	0.0	1,0
2922	ok	s=4,m=11	0.12	1.461e+04			2	218.8	23.1	0.27	0.99	0.0	1,0
2923	ok	s=4,m=11	0.13	-1.632e+04	0.13	-1.632e+04	2	218.8	23.1	0.27	0.99	0.0	19,19
2924	ok	s=21,m=11	0.22	-2.878e+04	0.23	-2.878e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
2925	ok	s=20,m=11	0.08	-4365.4	0.09	-4365.4	1	294.9	61.9	0.71	0.84	0.0	1,1
2926	ok	s=20,m=11	0.21	-1.183e+04	0.25	-1.183e+04	1	294.1	61.7	0.71	0.84	0.0	1,1
2927	ok	s=20,m=11	0.09	-5188.1	0.11	-5188.1	1	294.9	61.9	0.71	0.84	0.0	1,1
2928	ok	s=20,m=11	0.20	-1.120e+04	0.24	-1.120e+04	1	294.1	61.7	0.71	0.84	0.0	1,1
2929	ok	s=21,m=11	0.22	-2.868e+04	0.23	-2.868e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
2930	ok	s=19,m=11	0.15	-1.133e+04	0.15	-1.133e+04	1	201.7	30.2	0.35	0.97	0.0	1,1
2931	ok	s=19,m=11	0.15	-1.130e+04	0.15	-1.130e+04	1	201.7	30.2	0.35	0.97	0.0	1,1
2932	ok	s=19,m=11	0.15	-1.128e+04	0.15	-1.128e+04	1	196.2	29.4	0.34	0.97	0.0	1,1
2933	ok	s=19,m=11	0.15	-1.137e+04	0.15	-1.137e+04	1	196.2	29.4	0.34	0.97	0.0	1,1
2934	ok	s=19,m=11	0.11	-8528.1	0.11	-8528.1	1	188.7	28.3	0.33	0.97	0.0	1,1
2935	ok	s=19,m=11	0.11	-8440.8	0.11	-8440.8	1	188.7	28.3	0.33	0.97	0.0	1,1
2936	ok	s=17,m=11	0.28	-4.531e+04	0.28	-4.531e+04	4	215.7	15.2	0.18	1.00	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
2937	ok	s=17,m=11	0.28	-4.576e+04	0.28	-4.576e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2938	ok	s=11,m=11	0.11	9361.0	0.01	-1315.6	2	80.0	10.6	0.12	1.00	0.0	35,38
2939	ok	s=11,m=11	0.11	9252.2	0.01	-1221.6	2	80.0	10.6	0.12	1.00	0.0	32,33
2940	ok	s=21,m=11	0.11	-1.382e+04	0.11	-1.382e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2941	ok	s=21,m=11	0.11	-1.385e+04	0.11	-1.385e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2942	ok	s=20,m=11	0.24	1.351e+04			1	288.8	60.6	0.70	0.85	0.0	1,0
2943	ok	s=20,m=11	0.25	1.365e+04			1	288.8	60.6	0.70	0.85	0.0	1,0
2944	ok	s=20,m=11	0.16	9078.5			1	283.9	59.6	0.69	0.85	0.0	1,0
2945	ok	s=20,m=11	0.16	8940.6			1	283.9	59.6	0.69	0.85	0.0	1,0
2946	ok	s=20,m=11	0.09	-4982.9	0.11	-4982.9	1	296.0	62.1	0.72	0.84	0.0	1,1
2947	ok	s=20,m=11	0.26	-1.432e+04	0.31	-1.432e+04	1	294.6	61.8	0.71	0.84	0.0	1,1
2948	ok	s=20,m=11	0.09	-4970.7	0.11	-4970.7	1	296.0	62.1	0.72	0.84	0.0	1,1
2949	ok	s=20,m=11	0.26	-1.447e+04	0.31	-1.447e+04	1	294.6	61.8	0.71	0.84	0.0	1,1
2950	ok	s=17,m=11	0.04	-5928.8	0.04	-5928.8	4	216.0	15.3	0.18	1.00	0.0	19,19
2951	ok	s=17,m=11	0.03	-4790.6	0.03	-4790.6	4	216.0	15.3	0.18	1.00	0.0	12,12
2952	ok	s=19,m=11	0.12	-9020.4	0.12	-9020.4	1	196.2	29.4	0.34	0.97	0.0	1,1
2953	ok	s=19,m=11	0.12	-9112.5	0.12	-9112.5	1	196.2	29.4	0.34	0.97	0.0	1,1
2954	ok	s=19,m=11	0.08	-5881.8	0.08	-5881.8	1	188.7	28.3	0.33	0.97	0.0	1,1
2955	ok	s=19,m=11	0.07	-5790.2	0.08	-5790.2	1	188.7	28.3	0.33	0.97	0.0	1,1
2956	ok	s=17,m=11	0.07	-1.123e+04	0.07	-1.123e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2957	ok	s=17,m=11	0.07	-1.196e+04	0.07	-1.196e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2958	ok	s=4,m=11	0.18	-2.199e+04	0.19	-2.199e+04	2	295.9	31.3	0.36	0.96	0.0	1,1
2959	ok	s=4,m=11	0.22	-2.689e+04	0.23	-2.689e+04	2	295.9	31.3	0.36	0.96	0.0	1,1
2960	ok	s=4,m=11	0.17	-2.130e+04	0.18	-2.130e+04	2	295.9	31.3	0.36	0.96	0.0	1,1
2961	ok	s=4,m=11	0.22	-2.677e+04	0.23	-2.677e+04	2	295.9	31.3	0.36	0.96	0.0	1,1
2962	ok	s=17,m=11	0.21	-3.444e+04	0.21	-3.444e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2963	ok	s=17,m=11	0.21	-3.445e+04	0.21	-3.445e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2964	ok	s=12,m=11	0.23	-2.039e+04	0.24	-2.039e+04	2	215.6	28.5	0.33	0.97	0.0	1,1
2965	ok	s=12,m=11	0.24	-2.082e+04	0.24	-2.082e+04	2	215.6	28.5	0.33	0.97	0.0	1,1
2966	ok	s=12,m=11	0.23	-2.037e+04	0.24	-2.037e+04	2	215.6	28.5	0.33	0.97	0.0	1,1
2967	ok	s=12,m=11	0.24	-2.112e+04	0.25	-2.112e+04	2	215.6	28.5	0.33	0.97	0.0	1,1
2968	ok	s=21,m=11	0.14	-1.817e+04	0.15	-1.817e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2969	ok	s=21,m=11	0.14	-1.815e+04	0.15	-1.815e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2970	ok	s=20,m=11	0.17	9560.8			1	288.8	60.6	0.70	0.85	0.0	1,0
2971	ok	s=20,m=11	0.17	9696.4			1	288.8	60.6	0.70	0.85	0.0	1,0
2972	ok	s=21,m=11	0.20	-2.602e+04	0.21	-2.602e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
2973	ok	s=21,m=11	0.20	-2.603e+04	0.21	-2.603e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
2974	ok	s=19,m=11	0.19	-1.444e+04	0.19	-1.444e+04	1	201.7	30.2	0.35	0.97	0.0	1,1
2975	ok	s=19,m=11	0.19	-1.458e+04	0.19	-1.458e+04	1	201.7	30.2	0.35	0.97	0.0	1,1
2976	ok	s=20,m=11	0.08	4571.7			1	283.9	59.6	0.69	0.85	0.0	1,0
2977	ok	s=20,m=11	0.08	4430.8			1	283.9	59.6	0.69	0.85	0.0	1,0
2978	ok	s=17,m=11	0.26	-4.330e+04	0.26	-4.330e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2979	ok	s=17,m=11	0.27	-4.376e+04	0.27	-4.376e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
2980	ok	s=19,m=11	0.08	-6337.1	0.08	-6337.1	1	196.2	29.4	0.34	0.97	0.0	1,1
2981	ok	s=19,m=11	0.08	-6429.3	0.09	-6429.3	1	196.2	29.4	0.34	0.97	0.0	1,1
2982	ok	s=7,m=11	0.10	-1.346e+04	0.10	-1.346e+04	3	80.0	7.1	0.08	1.00	0.0	1,1
2983	ok	s=7,m=11	0.10	-1.353e+04	0.10	-1.353e+04	3	80.0	7.1	0.08	1.00	0.0	1,1
2984	ok	s=19,m=11	0.04	-2886.6	0.04	-2886.6	1	188.7	28.3	0.33	0.97	0.0	1,1
2985	ok	s=19,m=11	0.04	-2793.0	0.04	-2793.0	1	188.7	28.3	0.33	0.97	0.0	1,1
2986	ok	s=20,m=11	0.22	-1.222e+04	0.26	-1.222e+04	1	294.5	61.8	0.71	0.84	0.0	1,1
2987	ok	s=20,m=11	0.11	-6182.0	0.13	-6182.0	1	294.0	61.7	0.71	0.84	0.0	37,37
2988	ok	s=20,m=11	0.23	-1.249e+04	0.27	-1.249e+04	1	294.5	61.8	0.71	0.84	0.0	1,1
2989	ok	s=20,m=11	0.11	-6054.7	0.13	-6054.7	1	294.0	61.7	0.71	0.84	0.0	36,36
2990	ok	s=11,m=11	0.22	1.936e+04			2	80.0	10.6	0.12	1.00	0.0	1,0
2991	ok	s=11,m=11	0.22	1.962e+04			2	80.0	10.6	0.12	1.00	0.0	1,0
2992	ok	s=21,m=11	0.17	-2.168e+04	0.17	-2.168e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2993	ok	s=21,m=11	0.16	-2.142e+04	0.17	-2.142e+04	3	406.3	36.0	0.42	0.95	0.0	1,1
2994	ok	s=20,m=11	0.32	-1.766e+04	0.38	-1.766e+04	1	294.6	61.8	0.71	0.84	0.0	1,1
2995	ok	s=20,m=11	0.06	-3298.6	0.07	-3298.6	1	296.0	62.1	0.72	0.84	0.0	35,35
2996	ok	s=20,m=11	0.32	-1.767e+04	0.38	-1.767e+04	1	294.6	61.8	0.71	0.84	0.0	1,1
2997	ok	s=20,m=11	0.06	-3334.7	0.07	-3334.7	1	296.0	62.1	0.72	0.84	0.0	32,32
2998	ok	s=20,m=11	0.09	5078.0			1	288.8	60.6	0.70	0.85	0.0	1,0
2999	ok	s=20,m=11	0.09	5213.6			1	288.8	60.6	0.70	0.85	0.0	1,0
3000	ok	s=17,m=11	0.15	-2.437e+04	0.15	-2.437e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3001	ok	s=17,m=11	0.15	-2.446e+04	0.15	-2.446e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3002	ok	s=20,m=11	0.01	-781.4	0.02	-781.4	1	283.9	59.6	0.69	0.85	0.0	35,35
3003	ok	s=12,m=11	0.24	-2.119e+04	0.25	-2.119e+04	2	215.4	28.5	0.33	0.97	0.0	1,1
3004	ok	s=12,m=11	0.23	-1.994e+04	0.23	-1.994e+04	2	215.4	28.5	0.33	0.97	0.0	1,1
3005	ok	s=12,m=11	0.23	-2.047e+04	0.24	-2.047e+04	2	215.4	28.5	0.33	0.97	0.0	1,1
3006	ok	s=12,m=11	0.24	-2.080e+04	0.24	-2.080e+04	2	215.4	28.5	0.33	0.97	0.0	1,1
3007	ok	s=20,m=11	0.02	-840.9	0.02	-840.9	1	283.9	59.6	0.69	0.85	0.0	32,32
3008	ok	s=25,m=11	0.03	2006.6	0.03	-1377.6	1	450.8	82.8	0.95	0.70	0.0	22,19
3009	ok	s=3,m=11	0.16	1.438e+04			2	204.0	26.9	0.31	0.98	0.0	1,0

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
3010	ok	s=3,m=11	0.17	1.485e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
3011	ok	s=25,m=11	0.04	2406.1	0.04	-1955.4	1	450.8	82.8	0.95	0.70	0.0	13,12
3012	ok	s=3,m=11	0.16	1.400e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
3013	ok	s=3,m=11	0.17	1.468e+04			2	204.0	26.9	0.31	0.98	0.0	1,0
3014	ok	s=17,m=11	0.10	-1.577e+04	0.10	-1.577e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3015	ok	s=17,m=11	0.10	-1.611e+04	0.10	-1.611e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3016	ok	s=11,m=11	0.19	1.638e+04			2	80.0	10.6	0.12	1.00	0.0	1,0
3017	ok	s=19,m=11	0.26	-2.009e+04	0.27	-2.009e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
3018	ok	s=19,m=11	0.26	-2.000e+04	0.27	-2.000e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
3019	ok	s=19,m=11	0.04	-3291.9	0.04	-3291.9	1	196.2	29.4	0.34	0.97	0.0	1,1
3020	ok	s=19,m=11	0.04	-3384.0	0.05	-3384.0	1	196.2	29.4	0.34	0.97	0.0	1,1
3021	ok	s=17,m=11	0.04	6683.8	0.04	-6391.0	4	215.7	15.2	0.18	1.00	0.0	36,37
3022	ok	s=17,m=11	0.04	6839.9	0.04	-5987.3	4	215.7	15.2	0.18	1.00	0.0	31,34
3023	ok	s=19,m=11	0.04	-3006.0	0.04	-3006.0	1	188.7	28.3	0.33	0.97	0.0	1,1
3024	ok	s=19,m=11	0.04	-3004.2	0.04	-3004.2	1	188.7	28.3	0.33	0.97	0.0	1,1
3025	ok	s=21,m=11	0.19	-2.436e+04	0.20	-2.436e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
3026	ok	s=21,m=11	0.19	-2.434e+04	0.20	-2.434e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
3027	ok	s=19,m=11	0.23	-1.780e+04	0.24	-1.780e+04	1	201.7	30.2	0.35	0.97	0.0	1,1
3028	ok	s=19,m=11	0.23	-1.787e+04	0.24	-1.787e+04	1	201.7	30.2	0.35	0.97	0.0	1,1
3029	ok	s=20,m=11	0.02	1298.9	0.02	-1002.9	1	288.8	60.6	0.70	0.85	0.0	19,22
3030	ok	s=20,m=11	0.02	1348.3	0.02	-930.3	1	288.8	60.6	0.70	0.85	0.0	12,13
3031	ok	s=17,m=11	0.13	-2.091e+04	0.13	-2.091e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3032	ok	s=17,m=11	0.13	-2.094e+04	0.13	-2.094e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3033	ok	s=20,m=11	0.09	5153.3			1	289.1	60.7	0.70	0.85	0.0	1,0
3034	ok	s=20,m=11	0.10	5293.5			1	289.1	60.7	0.70	0.85	0.0	1,0
3035	ok	s=17,m=11	0.21	-3.410e+04	0.21	-3.410e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3036	ok	s=17,m=11	0.21	-3.444e+04	0.21	-3.444e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3037	ok	s=4,m=11	0.11	-1.398e+04	0.12	-1.398e+04	2	291.9	30.9	0.36	0.96	0.0	1,1
3038	ok	s=4,m=11	0.13	-1.547e+04	0.13	-1.547e+04	2	291.9	30.9	0.36	0.96	0.0	1,1
3039	ok	s=4,m=11	0.10	-1.253e+04	0.11	-1.253e+04	2	291.9	30.9	0.36	0.96	0.0	1,1
3040	ok	s=4,m=11	0.12	-1.528e+04	0.13	-1.528e+04	2	291.9	30.9	0.36	0.96	0.0	1,1
3041	ok	s=20,m=11	0.12	-6498.1	0.14	-6498.1	1	294.0	61.7	0.71	0.84	0.0	1,1
3042	ok	s=20,m=11	0.20	-1.110e+04	0.24	-1.110e+04	1	294.5	61.8	0.71	0.84	0.0	1,1
3043	ok	s=20,m=11	0.11	-6361.5	0.14	-6361.5	1	294.0	61.7	0.71	0.84	0.0	1,1
3044	ok	s=20,m=11	0.20	-1.119e+04	0.24	-1.119e+04	1	294.5	61.8	0.71	0.84	0.0	1,1
3045	ok	s=21,m=11	0.26	-3.392e+04	0.27	-3.392e+04	3	400.0	35.5	0.41	0.95	0.0	1,1
3046	ok	s=25,m=11	8.99e-03	569.7	2.74e-03	-143.4	1	352.0	64.6	0.74	0.83	0.0	13,12
3047	ok	s=3,m=11	0.06	4903.2			2	80.0	10.6	0.12	1.00	0.0	1,0
3048	ok	s=25,m=11	0.01	812.2	2.36e-03	-123.6	1	352.0	64.6	0.74	0.83	0.0	22,19
3049	ok	s=3,m=11	0.05	4216.4			2	80.0	10.6	0.12	1.00	0.0	1,0
3050	ok	s=19,m=11	0.04	-3072.4	0.04	-3072.4	1	196.2	29.4	0.34	0.97	0.0	1,1
3051	ok	s=19,m=11	0.04	-3072.4	0.04	-3072.4	1	196.2	29.4	0.34	0.97	0.0	1,1
3052	ok	s=20,m=11	0.11	5910.4	0.06	-2736.2	1	296.0	62.1	0.72	0.84	0.0	38,35
3053	ok	s=20,m=11	0.39	-2.174e+04	0.47	-2.174e+04	1	294.6	61.8	0.71	0.84	0.0	1,1
3054	ok	s=19,m=11	0.08	-6223.0	0.08	-6223.0	1	188.7	28.3	0.33	0.97	0.0	1,1
3055	ok	s=19,m=11	0.08	-6311.1	0.08	-6311.1	1	188.7	28.3	0.33	0.97	0.0	1,1
3056	ok	s=20,m=11	0.10	5797.5	0.06	-2764.0	1	296.0	62.1	0.72	0.84	0.0	33,32
3057	ok	s=20,m=11	0.39	-2.171e+04	0.47	-2.171e+04	1	294.6	61.8	0.71	0.84	0.0	1,1
3058	ok	s=17,m=11	0.12	-1.954e+04	0.12	-1.954e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3059	ok	s=17,m=11	0.12	-1.967e+04	0.12	-1.967e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3060	ok	s=20,m=11	0.08	4627.1			1	294.2	61.7	0.71	0.84	0.0	1,0
3061	ok	s=20,m=11	0.08	4489.0			1	294.2	61.7	0.71	0.84	0.0	1,0
3062	ok	s=17,m=11	0.12	-1.933e+04	0.12	-1.933e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3063	ok	s=17,m=11	0.12	-1.930e+04	0.12	-1.930e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3064	ok	s=20,m=11	0.18	9767.9			1	289.1	60.7	0.70	0.85	0.0	1,0
3065	ok	s=20,m=11	0.18	9903.0			1	289.1	60.7	0.70	0.85	0.0	1,0
3066	ok	s=19,m=11	0.21	-1.612e+04	0.21	-1.612e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
3067	ok	s=19,m=11	0.21	-1.609e+04	0.21	-1.609e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
3068	ok	s=25,m=11	0.05	-2901.5	0.07	-2901.5	1	458.0	84.1	0.97	0.69	0.0	11,11
3069	ok	s=3,m=11	0.10	8827.5			2	204.0	26.9	0.31	0.98	0.0	1,0
3070	ok	s=3,m=11	0.07	6234.6			2	204.0	26.9	0.31	0.98	0.0	1,0
3071	ok	s=25,m=11	0.04	2443.8	0.05	-2209.7	1	458.0	84.1	0.97	0.69	0.0	21,20
3072	ok	s=3,m=11	0.09	7709.9			2	204.0	26.9	0.31	0.98	0.0	1,0
3073	ok	s=3,m=11	0.07	6184.8			2	204.0	26.9	0.31	0.98	0.0	1,0
3074	ok	s=17,m=11	0.09	-1.543e+04	0.09	-1.543e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3075	ok	s=17,m=11	0.09	-1.507e+04	0.09	-1.507e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3076	ok	s=21,m=11	0.19	-2.432e+04	0.20	-2.432e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
3077	ok	s=21,m=11	0.18	-2.425e+04	0.19	-2.425e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
3078	ok	s=8,m=11	0.21	-2.262e+04	0.21	-2.262e+04	2	217.0	22.9	0.26	0.99	0.0	1,1
3079	ok	s=8,m=11	0.24	-2.627e+04	0.24	-2.627e+04	2	217.0	22.9	0.26	0.99	0.0	1,1
3080	ok	s=8,m=11	0.24	-2.605e+04	0.24	-2.605e+04	2	217.0	22.9	0.26	0.99	0.0	1,1
3081	ok	s=8,m=11	0.21	-2.284e+04	0.21	-2.284e+04	2	217.0	22.9	0.26	0.99	0.0	1,1
3082	ok	s=4,m=11	0.02	-3023.4	0.03	-3023.4	2	287.9	30.4	0.35	0.97	0.0	12,12

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
3083	ok	s=4,m=11	0.04	-4632.0	0.04	-4632.0	2	287.9	30.4	0.35	0.97	0.0	34,34
3084	ok	s=4,m=11	0.02	-2120.4	0.02	-2120.4	2	287.9	30.4	0.35	0.97	0.0	19,19
3085	ok	s=4,m=11	0.04	-4713.0	0.04	-4713.0	2	287.9	30.4	0.35	0.97	0.0	37,37
3086	ok	s=19,m=11	0.08	-5981.8	0.08	-5981.8	1	196.2	29.4	0.34	0.97	0.0	1,1
3087	ok	s=19,m=11	0.08	-5889.7	0.08	-5889.7	1	196.2	29.4	0.34	0.97	0.0	1,1
3088	ok	s=19,m=11	0.11	-8923.0	0.12	-8923.0	1	188.7	28.3	0.33	0.97	0.0	1,1
3089	ok	s=19,m=11	0.12	-9007.4	0.12	-9007.4	1	188.7	28.3	0.33	0.97	0.0	1,1
3090	ok	s=17,m=11	0.11	-1.763e+04	0.11	-1.763e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3091	ok	s=17,m=11	0.11	-1.797e+04	0.11	-1.797e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3092	ok	s=25,m=11	0.05	2927.3	0.05	-2325.4	1	461.6	84.7	0.98	0.68	0.0	13,12
3093	ok	s=3,m=11	0.05	4589.2			2	204.0	26.9	0.31	0.98	0.0	1,0
3094	ok	s=3,m=11	0.08	6617.8			2	204.0	26.9	0.31	0.98	0.0	1,0
3095	ok	s=20,m=11	0.34	-1.893e+04	0.41	-1.893e+04	1	295.7	62.0	0.71	0.84	0.0	1,1
3096	ok	s=20,m=11	0.06	3528.0	0.04	-1809.0	1	294.9	61.9	0.71	0.84	0.0	36,37
3097	ok	s=20,m=11	0.34	-1.893e+04	0.41	-1.893e+04	1	295.7	62.0	0.71	0.84	0.0	1,1
3098	ok	s=20,m=11	0.06	3481.7	0.04	-1700.5	1	294.9	61.9	0.71	0.84	0.0	31,34
3099	ok	s=20,m=11	0.18	-1.011e+04	0.22	-1.011e+04	1	294.5	61.8	0.71	0.84	0.0	1,1
3100	ok	s=20,m=11	0.13	-7464.9	0.16	-7464.9	1	294.0	61.7	0.71	0.84	0.0	1,1
3101	ok	s=20,m=11	0.18	-1.014e+04	0.22	-1.014e+04	1	294.5	61.8	0.71	0.84	0.0	1,1
3102	ok	s=20,m=11	0.13	-7415.7	0.16	-7415.7	1	294.0	61.7	0.71	0.84	0.0	1,1
3103	ok	s=20,m=11	0.17	9206.8			1	294.2	61.7	0.71	0.84	0.0	1,0
3104	ok	s=20,m=11	0.16	9068.6			1	294.2	61.7	0.71	0.84	0.0	1,0
3105	ok	s=17,m=11	0.11	-1.812e+04	0.11	-1.812e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3106	ok	s=17,m=11	0.11	-1.805e+04	0.11	-1.805e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3107	ok	s=20,m=11	0.25	1.390e+04			1	289.1	60.7	0.70	0.85	0.0	1,0
3108	ok	s=21,m=11	0.23	-2.996e+04	0.24	-2.996e+04	3	400.0	35.5	0.41	0.95	0.0	1,1
3109	ok	s=20,m=11	0.25	1.403e+04			1	289.1	60.7	0.70	0.85	0.0	1,0
3110	ok	s=19,m=11	0.22	-1.726e+04	0.23	-1.726e+04	1	201.7	30.2	0.35	0.97	0.0	1,1
3111	ok	s=19,m=11	0.22	-1.719e+04	0.23	-1.719e+04	1	201.7	30.2	0.35	0.97	0.0	1,1
3112	ok	s=19,m=11	0.11	-8666.9	0.12	-8666.9	1	196.2	29.4	0.34	0.97	0.0	1,1
3113	ok	s=19,m=11	0.11	-8574.8	0.11	-8574.8	1	196.2	29.4	0.34	0.97	0.0	1,1
3114	ok	s=19,m=11	0.14	-1.122e+04	0.15	-1.122e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
3115	ok	s=19,m=11	0.15	-1.130e+04	0.15	-1.130e+04	1	188.7	28.3	0.33	0.97	0.0	1,1
3116	ok	s=17,m=11	0.13	-2.155e+04	0.13	-2.155e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3117	ok	s=17,m=11	0.13	-2.153e+04	0.13	-2.153e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3118	ok	s=19,m=11	0.17	-1.323e+04	0.18	-1.323e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
3119	ok	s=19,m=11	0.17	-1.324e+04	0.18	-1.324e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
3120	ok	s=20,m=11	0.04	-2226.9	0.05	-2226.9	1	294.9	61.9	0.71	0.84	0.0	37,37
3121	ok	s=20,m=11	0.28	-1.538e+04	0.33	-1.538e+04	1	295.7	62.0	0.71	0.84	0.0	1,1
3122	ok	s=17,m=11	0.15	-2.406e+04	0.15	-2.406e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3123	ok	s=17,m=11	0.14	-2.388e+04	0.14	-2.388e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3124	ok	s=20,m=11	0.04	-2135.7	0.05	-2135.7	1	294.9	61.9	0.71	0.84	0.0	34,34
3125	ok	s=20,m=11	0.28	-1.540e+04	0.33	-1.540e+04	1	295.7	62.0	0.71	0.84	0.0	1,1
3126	ok	s=20,m=11	0.24	1.323e+04			1	294.2	61.7	0.71	0.84	0.0	1,0
3127	ok	s=20,m=11	0.24	1.309e+04			1	294.2	61.7	0.71	0.84	0.0	1,0
3128	ok	s=17,m=11	0.11	-1.772e+04	0.11	-1.772e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3129	ok	s=21,m=11	0.21	-2.732e+04	0.22	-2.732e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
3130	ok	s=21,m=11	0.21	-2.735e+04	0.22	-2.735e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
3131	ok	s=17,m=11	0.11	-1.765e+04	0.11	-1.765e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3132	ok	s=20,m=11	0.31	1.737e+04			1	289.1	60.7	0.70	0.85	0.0	1,0
3133	ok	s=20,m=11	0.32	1.750e+04			1	289.1	60.7	0.70	0.85	0.0	1,0
3134	ok	s=19,m=11	0.14	-1.108e+04	0.15	-1.108e+04	1	201.7	30.2	0.35	0.97	0.0	1,1
3135	ok	s=19,m=11	0.14	-1.100e+04	0.15	-1.100e+04	1	201.7	30.2	0.35	0.97	0.0	1,1
3136	ok	s=17,m=11	0.10	1.701e+04	0.06	-9140.3	4	215.7	15.2	0.18	1.00	0.0	22,19
3137	ok	s=17,m=11	0.10	1.599e+04	0.05	-8506.1	4	215.7	15.2	0.18	1.00	0.0	13,12
3138	ok	s=19,m=11	0.14	-1.084e+04	0.14	-1.084e+04	1	196.2	29.4	0.34	0.97	0.0	1,1
3139	ok	s=19,m=11	0.14	-1.074e+04	0.14	-1.074e+04	1	196.2	29.4	0.34	0.97	0.0	1,1
3140	ok	s=20,m=11	0.15	-8055.7	0.17	-8055.7	1	294.0	61.7	0.71	0.84	0.0	1,1
3141	ok	s=20,m=11	0.17	-9230.4	0.20	-9230.4	1	294.5	61.8	0.71	0.84	0.0	1,1
3142	ok	s=20,m=11	0.14	-8009.6	0.17	-8009.6	1	294.0	61.7	0.71	0.84	0.0	1,1
3143	ok	s=20,m=11	0.17	-9267.7	0.20	-9267.7	1	294.5	61.8	0.71	0.84	0.0	1,1
3144	ok	s=21,m=11	0.20	-2.689e+04	0.22	-2.689e+04	3	400.0	35.5	0.41	0.95	0.0	1,1
3145	ok	s=20,m=11	0.22	-1.239e+04	0.27	-1.239e+04	1	295.7	62.0	0.71	0.84	0.0	1,1
3146	ok	s=20,m=11	0.05	-2936.3	0.06	-2936.3	1	294.9	61.9	0.71	0.84	0.0	1,1
3147	ok	s=20,m=11	0.22	-1.238e+04	0.27	-1.238e+04	1	295.7	62.0	0.71	0.84	0.0	1,1
3148	ok	s=20,m=11	0.05	-2902.1	0.06	-2902.1	1	294.9	61.9	0.71	0.84	0.0	1,1
3149	ok	s=4,m=11	0.03	3130.6	7.83e-03	-951.1	2	217.9	23.0	0.27	0.99	0.0	1,13
3150	ok	s=4,m=11	0.21	-2.562e+04	0.21	-2.562e+04	2	217.9	23.0	0.27	0.99	0.0	1,1
3151	ok	s=4,m=11	0.21	-2.558e+04	0.21	-2.558e+04	2	217.9	23.0	0.27	0.99	0.0	1,1
3152	ok	s=4,m=11	0.03	4104.3	0.01	-1480.7	2	217.9	23.0	0.27	0.99	0.0	1,22
3153	ok	s=20,m=11	0.30	1.643e+04			1	294.2	61.7	0.71	0.84	0.0	1,0
3154	ok	s=20,m=11	0.29	1.630e+04			1	294.2	61.7	0.71	0.84	0.0	1,0
3155	ok	s=17,m=11	0.12	-1.936e+04	0.12	-1.936e+04	4	215.6	15.2	0.18	1.00	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
3156	ok	s=17,m=11	0.12	-1.929e+04	0.12	-1.929e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3157	ok	s=7,m=11	0.27	3.519e+04			3	80.0	7.1	0.08	1.00	0.0	1,0
3158	ok	s=7,m=11	0.27	3.494e+04			3	80.0	7.1	0.08	1.00	0.0	1,0
3159	ok	s=17,m=11	0.13	-2.143e+04	0.13	-2.143e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3160	ok	s=17,m=11	0.13	-2.128e+04	0.13	-2.128e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3161	ok	s=19,m=11	0.06	-4533.7	0.06	-4533.7	1	201.7	30.2	0.35	0.97	0.0	1,1
3162	ok	s=19,m=11	0.06	-4498.3	0.06	-4498.3	1	201.7	30.2	0.35	0.97	0.0	1,1
3163	ok	s=19,m=11	0.15	-1.173e+04	0.16	-1.173e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
3164	ok	s=19,m=11	0.15	-1.172e+04	0.16	-1.172e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
3165	ok	s=17,m=11	0.17	-2.848e+04	0.17	-2.848e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3166	ok	s=17,m=11	0.17	-2.843e+04	0.17	-2.843e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3167	ok	s=21,m=11	0.24	-3.108e+04	0.25	-3.108e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
3168	ok	s=21,m=11	0.24	-3.122e+04	0.25	-3.122e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
3169	ok	s=17,m=11	0.06	9122.8	0.03	-5263.4	4	215.6	15.2	0.18	1.00	0.0	20,21
3170	ok	s=17,m=11	0.05	8328.1	0.03	-4333.6	4	215.6	15.2	0.18	1.00	0.0	11,14
3171	ok	s=20,m=11	0.09	-5051.1	0.11	-5051.1	1	294.9	61.9	0.71	0.84	0.0	1,1
3172	ok	s=20,m=11	0.16	-8601.8	0.18	-8601.8	1	295.7	62.0	0.71	0.84	0.0	1,1
3173	ok	s=20,m=11	0.09	-5042.7	0.11	-5042.7	1	294.9	61.9	0.71	0.84	0.0	1,1
3174	ok	s=20,m=11	0.16	-8597.4	0.18	-8597.4	1	295.7	62.0	0.71	0.84	0.0	1,1
3175	ok	s=17,m=11	0.13	-2.092e+04	0.13	-2.092e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3176	ok	s=17,m=11	0.13	-2.088e+04	0.13	-2.088e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3177	ok	s=20,m=11	0.15	-8344.3	0.18	-8344.3	1	294.5	61.8	0.71	0.84	0.0	1,1
3178	ok	s=20,m=11	0.15	-8454.1	0.18	-8454.1	1	294.0	61.7	0.71	0.84	0.0	1,1
3179	ok	s=20,m=11	0.15	-8359.0	0.18	-8359.0	1	294.5	61.8	0.71	0.84	0.0	1,1
3180	ok	s=20,m=11	0.15	-8420.7	0.18	-8420.7	1	294.0	61.7	0.71	0.84	0.0	1,1
3181	ok	s=19,m=11	0.04	-2739.9	0.04	-2739.9	1	201.7	30.2	0.35	0.97	0.0	22,22
3182	ok	s=19,m=11	0.03	-2693.4	0.04	-2693.4	1	201.7	30.2	0.35	0.97	0.0	13,13
3183	ok	s=21,m=11	0.19	-2.511e+04	0.20	-2.511e+04	3	400.0	35.5	0.41	0.95	0.0	1,1
3184	ok	s=17,m=11	0.12	-2.057e+04	0.12	-2.057e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3185	ok	s=17,m=11	0.12	-2.057e+04	0.12	-2.057e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3186	ok	s=20,m=11	0.10	-5608.8	0.12	-5608.8	1	295.7	62.0	0.71	0.84	0.0	1,1
3187	ok	s=20,m=11	0.13	-7226.9	0.15	-7226.9	1	294.9	61.9	0.71	0.84	0.0	1,1
3188	ok	s=20,m=11	0.10	-5603.3	0.12	-5603.3	1	295.7	62.0	0.71	0.84	0.0	1,1
3189	ok	s=20,m=11	0.13	-7237.2	0.16	-7237.2	1	294.9	61.9	0.71	0.84	0.0	1,1
3190	ok	s=17,m=11	0.13	-2.173e+04	0.13	-2.173e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3191	ok	s=17,m=11	0.13	-2.159e+04	0.13	-2.159e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3192	ok	s=17,m=11	0.15	-2.436e+04	0.15	-2.436e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3193	ok	s=17,m=11	0.15	-2.444e+04	0.15	-2.444e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3194	ok	s=19,m=11	0.15	-1.164e+04	0.16	-1.164e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
3195	ok	s=19,m=11	0.15	-1.161e+04	0.15	-1.161e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
3196	ok	s=17,m=11	0.17	-2.881e+04	0.17	-2.881e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3197	ok	s=17,m=11	0.18	-2.889e+04	0.18	-2.889e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3198	ok	s=21,m=11	0.26	-3.467e+04	0.28	-3.467e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
3199	ok	s=21,m=11	0.27	-3.481e+04	0.28	-3.481e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
3200	ok	s=19,m=11	0.05	-3800.2	0.05	-3800.2	1	201.7	30.2	0.35	0.97	0.0	22,22
3201	ok	s=19,m=11	0.05	-3745.3	0.05	-3745.3	1	201.7	30.2	0.35	0.97	0.0	13,13
3202	ok	s=8,m=11	0.21	-2.335e+04	0.21	-2.335e+04	2	216.4	22.8	0.26	0.99	0.0	1,1
3203	ok	s=8,m=11	0.23	-2.484e+04	0.23	-2.484e+04	2	216.4	22.8	0.26	0.99	0.0	1,1
3204	ok	s=8,m=11	0.22	-2.443e+04	0.22	-2.443e+04	2	216.4	22.8	0.26	0.99	0.0	1,1
3205	ok	s=8,m=11	0.22	-2.376e+04	0.22	-2.376e+04	2	216.4	22.8	0.26	0.99	0.0	1,1
3206	ok	s=17,m=11	0.23	-3.722e+04	0.23	-3.722e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3207	ok	s=17,m=11	0.23	-3.727e+04	0.23	-3.727e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3208	ok	s=20,m=11	0.18	-9747.0	0.21	-9747.0	1	294.9	61.9	0.71	0.84	0.0	1,1
3209	ok	s=20,m=11	0.07	-3976.0	0.09	-3976.0	1	295.7	62.0	0.71	0.84	0.0	1,1
3210	ok	s=20,m=11	0.18	-9774.5	0.21	-9774.5	1	294.9	61.9	0.71	0.84	0.0	1,1
3211	ok	s=20,m=11	0.07	-3963.9	0.09	-3963.9	1	295.7	62.0	0.71	0.84	0.0	1,1
3212	ok	s=20,m=11	0.17	-9493.0	0.20	-9493.0	1	294.0	61.7	0.71	0.84	0.0	1,1
3213	ok	s=20,m=11	0.15	-8049.3	0.17	-8049.3	1	294.5	61.8	0.71	0.84	0.0	1,1
3214	ok	s=20,m=11	0.17	-9511.6	0.20	-9511.6	1	294.0	61.7	0.71	0.84	0.0	1,1
3215	ok	s=20,m=11	0.14	-8017.3	0.17	-8017.3	1	294.5	61.8	0.71	0.84	0.0	1,1
3216	ok	s=17,m=11	0.20	-3.363e+04	0.20	-3.363e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3217	ok	s=17,m=11	0.21	-3.407e+04	0.21	-3.407e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3218	ok	s=21,m=11	0.19	-2.510e+04	0.20	-2.510e+04	3	400.0	35.5	0.41	0.95	0.0	1,1
3219	ok	s=19,m=11	0.07	-5772.4	0.08	-5772.4	1	201.7	30.2	0.35	0.97	0.0	14,14
3220	ok	s=19,m=11	0.07	-5692.6	0.08	-5692.6	1	201.7	30.2	0.35	0.97	0.0	21,21
3221	ok	s=25,m=11	0.04	-2843.5	0.06	-2843.5	1	384.0	70.5	0.81	0.79	0.0	1,1
3222	ok	s=3,m=11	0.15	-1.336e+04	0.15	-1.336e+04	2	80.0	10.6	0.12	1.00	0.0	1,1
3223	ok	s=25,m=11	0.05	-3147.8	0.06	-3147.8	1	384.0	70.5	0.81	0.79	0.0	1,1
3224	ok	s=3,m=11	0.16	-1.431e+04	0.16	-1.431e+04	2	80.0	10.6	0.12	1.00	0.0	1,1
3225	ok	s=17,m=11	0.12	-1.997e+04	0.12	-1.997e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3226	ok	s=17,m=11	0.12	-1.975e+04	0.12	-1.975e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3227	ok	s=17,m=11	0.28	-4.689e+04	0.28	-4.689e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3228	ok	s=17,m=11	0.29	-4.695e+04	0.29	-4.695e+04	4	215.6	15.2	0.18	1.00	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
3229	ok	s=19,m=11	0.18	-1.427e+04	0.19	-1.427e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
3230	ok	s=19,m=11	0.18	-1.429e+04	0.19	-1.429e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
3231	ok	s=20,m=11	0.03	-1625.9	0.03	-1625.9	1	295.7	62.0	0.71	0.84	0.0	1,1
3232	ok	s=20,m=11	0.24	-1.318e+04	0.28	-1.318e+04	1	294.9	61.9	0.71	0.84	0.0	1,1
3233	ok	s=20,m=11	0.03	-1587.6	0.03	-1587.6	1	295.7	62.0	0.71	0.84	0.0	1,1
3234	ok	s=20,m=11	0.24	-1.324e+04	0.28	-1.324e+04	1	294.9	61.9	0.71	0.84	0.0	1,1
3235	ok	s=17,m=11	0.17	-2.795e+04	0.17	-2.795e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3236	ok	s=17,m=11	0.17	-2.804e+04	0.17	-2.804e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3237	ok	s=19,m=11	0.12	-9137.0	0.12	-9137.0	1	201.7	30.2	0.35	0.97	0.0	1,1
3238	ok	s=19,m=11	0.12	-9163.6	0.12	-9163.6	1	201.7	30.2	0.35	0.97	0.0	1,1
3239	ok	s=20,m=11	0.14	-7626.1	0.16	-7626.1	1	294.5	61.8	0.71	0.84	0.0	1,1
3240	ok	s=20,m=11	0.19	-1.072e+04	0.23	-1.072e+04	1	294.0	61.7	0.71	0.84	0.0	1,1
3241	ok	s=20,m=11	0.14	-7625.9	0.16	-7625.9	1	294.5	61.8	0.71	0.84	0.0	1,1
3242	ok	s=20,m=11	0.19	-1.073e+04	0.23	-1.073e+04	1	294.0	61.7	0.71	0.84	0.0	1,1
3243	ok	s=17,m=11	0.29	-4.788e+04	0.29	-4.788e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3244	ok	s=7,m=11	0.15	2.002e+04			3	80.0	7.1	0.08	1.00	0.0	1,0
3245	ok	s=21,m=11	0.22	-2.830e+04	0.23	-2.830e+04	3	400.0	35.5	0.41	0.95	0.0	1,1
3246	ok	s=7,m=11	0.15	2.002e+04			3	80.0	7.1	0.08	1.00	0.0	1,0
3247	ok	s=17,m=11	0.29	-4.793e+04	0.29	-4.793e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3248	ok	s=20,m=11	0.32	-1.794e+04	0.38	-1.794e+04	1	294.9	61.9	0.71	0.84	0.0	1,1
3249	ok	s=20,m=11	0.04	2263.0	1.63e-03	-75.8	1	295.7	62.0	0.71	0.84	0.0	1,35
3250	ok	s=20,m=11	0.33	-1.805e+04	0.39	-1.805e+04	1	294.9	61.9	0.71	0.84	0.0	1,1
3251	ok	s=20,m=11	0.04	2393.6			1	295.7	62.0	0.71	0.84	0.0	1,0
3252	ok	s=21,m=11	0.24	-3.211e+04	0.26	-3.211e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
3253	ok	s=21,m=11	0.24	-3.200e+04	0.26	-3.200e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
3254	ok	s=17,m=11	0.10	-1.681e+04	0.10	-1.681e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3255	ok	s=17,m=11	0.10	-1.643e+04	0.10	-1.643e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3256	ok	s=19,m=11	0.19	-1.469e+04	0.20	-1.469e+04	1	201.7	30.2	0.35	0.97	0.0	1,1
3257	ok	s=19,m=11	0.19	-1.461e+04	0.19	-1.461e+04	1	201.7	30.2	0.35	0.97	0.0	1,1
3258	ok	s=19,m=11	0.23	-1.796e+04	0.24	-1.796e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
3259	ok	s=19,m=11	0.23	-1.802e+04	0.24	-1.802e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
3260	ok	s=17,m=11	0.14	-2.260e+04	0.14	-2.260e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3261	ok	s=17,m=11	0.14	-2.273e+04	0.14	-2.273e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3262	ok	s=17,m=11	0.28	-4.569e+04	0.28	-4.569e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3263	ok	s=17,m=11	0.28	-4.572e+04	0.28	-4.572e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3264	ok	s=20,m=11	0.18	9915.1			1	295.7	62.0	0.71	0.84	0.0	1,0
3265	ok	s=20,m=11	0.47	-2.584e+04	0.55	-2.584e+04	1	294.9	61.9	0.71	0.84	0.0	1,1
3266	ok	s=20,m=11	0.19	1.031e+04			1	295.7	62.0	0.71	0.84	0.0	1,0
3267	ok	s=20,m=11	0.47	-2.605e+04	0.56	-2.605e+04	1	294.9	61.9	0.71	0.84	0.0	1,1
3268	ok	s=21,m=11	0.19	-2.473e+04	0.20	-2.473e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
3269	ok	s=21,m=11	0.19	-2.465e+04	0.20	-2.465e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
3270	ok	s=8,m=11	0.26	-2.847e+04	0.26	-2.847e+04	2	215.9	22.8	0.26	0.99	0.0	1,1
3271	ok	s=8,m=11	0.23	-2.543e+04	0.23	-2.543e+04	2	215.9	22.8	0.26	0.99	0.0	1,1
3272	ok	s=20,m=11	0.22	-1.204e+04	0.26	-1.204e+04	1	294.0	61.7	0.71	0.84	0.0	1,1
3273	ok	s=20,m=11	0.12	-6631.8	0.14	-6631.8	1	294.5	61.8	0.71	0.84	0.0	1,1
3274	ok	s=20,m=11	0.22	-1.195e+04	0.26	-1.195e+04	1	294.0	61.7	0.71	0.84	0.0	1,1
3275	ok	s=20,m=11	0.12	-6740.8	0.14	-6740.8	1	294.5	61.8	0.71	0.84	0.0	1,1
3276	ok	s=8,m=11	0.23	-2.570e+04	0.24	-2.570e+04	2	215.9	22.8	0.26	0.99	0.0	1,1
3277	ok	s=8,m=11	0.26	-2.817e+04	0.26	-2.817e+04	2	215.9	22.8	0.26	0.99	0.0	1,1
3278	ok	s=4,m=11	0.15	-1.792e+04	0.15	-1.792e+04	2	217.0	22.9	0.26	0.99	0.0	19,19
3279	ok	s=4,m=11	0.18	-2.240e+04	0.18	-2.240e+04	2	217.0	22.9	0.26	0.99	0.0	1,1
3280	ok	s=4,m=11	0.17	-2.113e+04	0.17	-2.113e+04	2	217.0	22.9	0.26	0.99	0.0	1,1
3281	ok	s=4,m=11	0.15	-1.819e+04	0.15	-1.819e+04	2	217.0	22.9	0.26	0.99	0.0	12,12
3282	ok	s=21,m=11	0.25	-3.248e+04	0.26	-3.248e+04	3	400.0	35.5	0.41	0.95	0.0	1,1
3283	ok	s=17,m=11	0.22	-3.631e+04	0.22	-3.631e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3284	ok	s=17,m=11	0.22	-3.631e+04	0.22	-3.631e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3285	ok	s=17,m=11	0.08	-1.338e+04	0.08	-1.338e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3286	ok	s=17,m=11	0.08	-1.270e+04	0.08	-1.270e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3287	ok	s=21,m=11	0.14	-1.780e+04	0.14	-1.780e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
3288	ok	s=21,m=11	0.14	-1.776e+04	0.14	-1.776e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
3289	ok	s=19,m=11	0.29	-2.222e+04	0.30	-2.222e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
3290	ok	s=19,m=11	0.29	-2.227e+04	0.30	-2.227e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
3291	ok	s=17,m=11	0.08	-1.301e+04	0.08	-1.301e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3292	ok	s=17,m=11	0.08	-1.328e+04	0.08	-1.328e+04	4	215.7	15.2	0.18	1.00	0.0	1,1
3293	ok	s=17,m=11	0.13	-2.116e+04	0.13	-2.116e+04	4	215.6	15.2	0.18	1.00	0.0	19,19
3294	ok	s=17,m=11	0.12	-2.014e+04	0.12	-2.014e+04	4	215.6	15.2	0.18	1.00	0.0	12,12
3295	ok	s=7,m=11	0.08	1.085e+04	5.02e-03	-658.9	3	80.0	7.1	0.08	1.00	0.0	37,36
3296	ok	s=7,m=11	0.08	1.083e+04	4.20e-03	-550.9	3	80.0	7.1	0.08	1.00	0.0	34,31
3297	ok	s=20,m=11	0.11	-6355.8	0.14	-6355.8	1	294.5	61.8	0.71	0.84	0.0	35,35
3298	ok	s=20,m=11	0.23	-1.293e+04	0.28	-1.293e+04	1	294.0	61.7	0.71	0.84	0.0	1,1
3299	ok	s=20,m=11	0.12	-6429.8	0.14	-6429.8	1	294.5	61.8	0.71	0.84	0.0	32,32
3300	ok	s=20,m=11	0.23	-1.273e+04	0.27	-1.273e+04	1	294.0	61.7	0.71	0.84	0.0	1,1
3301	ok	s=21,m=11	0.10	-1.374e+04	0.11	-1.374e+04	3	401.5	35.6	0.41	0.95	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
3302	ok	s=21,m=11	0.10	-1.375e+04	0.11	-1.375e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
3303	ok	s=21,m=11	0.28	-3.655e+04	0.29	-3.655e+04	3	400.0	35.5	0.41	0.95	0.0	1,1
3304	ok	s=17,m=11	0.07	-1.130e+04	0.07	-1.130e+04	4	215.6	15.2	0.18	1.00	0.0	20,20
3305	ok	s=17,m=11	0.07	-1.160e+04	0.07	-1.160e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3306	ok	s=17,m=11	0.12	1.946e+04	0.05	-8993.2	4	215.6	15.2	0.18	1.00	0.0	22,19
3307	ok	s=17,m=11	0.11	1.837e+04	0.05	-7704.2	4	215.6	15.2	0.18	1.00	0.0	13,12
3308	ok	s=8,m=11	0.26	-2.852e+04	0.26	-2.852e+04	2	215.6	22.7	0.26	0.99	0.0	1,1
3309	ok	s=8,m=11	0.24	-2.700e+04	0.25	-2.700e+04	2	215.6	22.7	0.26	0.99	0.0	1,1
3310	ok	s=8,m=11	0.25	-2.802e+04	0.26	-2.802e+04	2	215.6	22.7	0.26	0.99	0.0	1,1
3311	ok	s=8,m=11	0.25	-2.747e+04	0.25	-2.747e+04	2	215.6	22.7	0.26	0.99	0.0	1,1
3312	ok	s=17,m=11	0.05	8009.4	0.03	-5085.6	4	215.7	15.2	0.18	1.00	0.0	22,19
3313	ok	s=17,m=11	0.04	6944.6	0.03	-4460.9	4	215.7	15.2	0.18	1.00	0.0	13,12
3314	ok	s=21,m=11	0.10	-1.370e+04	0.11	-1.370e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
3315	ok	s=21,m=11	0.10	-1.374e+04	0.11	-1.374e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
3316	ok	s=25,m=11	0.06	3662.9			1	408.0	74.9	0.86	0.76	0.0	1,0
3317	ok	s=3,m=11	0.29	2.589e+04			2	80.0	10.6	0.12	1.00	0.0	1,0
3318	ok	s=25,m=11	0.04	2767.6			1	408.0	74.9	0.86	0.76	0.0	1,0
3319	ok	s=3,m=11	0.29	2.583e+04			2	80.0	10.6	0.12	1.00	0.0	1,0
3320	ok	s=20,m=11	0.23	-1.259e+04	0.27	-1.259e+04	1	294.4	61.8	0.71	0.84	0.0	1,1
3321	ok	s=20,m=11	0.09	-4890.7	0.10	-4890.7	1	294.1	61.7	0.71	0.84	0.0	31,31
3322	ok	s=20,m=11	0.23	-1.272e+04	0.27	-1.272e+04	1	294.4	61.8	0.71	0.84	0.0	1,1
3323	ok	s=20,m=11	0.09	-4818.0	0.10	-4818.0	1	294.1	61.7	0.71	0.84	0.0	36,36
3324	ok	s=17,m=11	0.10	-1.674e+04	0.10	-1.674e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3325	ok	s=17,m=11	0.10	-1.676e+04	0.10	-1.676e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3326	ok	s=7,m=11	0.21	2.698e+04			3	80.0	7.1	0.08	1.00	0.0	1,0
3327	ok	s=7,m=11	0.21	2.709e+04			3	80.0	7.1	0.08	1.00	0.0	1,0
3328	ok	s=19,m=11	0.26	-2.016e+04	0.27	-2.016e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
3329	ok	s=19,m=11	0.26	-2.016e+04	0.27	-2.016e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
3330	ok	s=21,m=11	0.13	-1.750e+04	0.14	-1.750e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
3331	ok	s=21,m=11	0.13	-1.757e+04	0.14	-1.757e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
3332	ok	s=8,m=11	0.25	-2.777e+04	0.26	-2.777e+04	2	215.4	22.7	0.26	0.99	0.0	1,1
3333	ok	s=8,m=11	0.25	-2.762e+04	0.25	-2.762e+04	2	215.4	22.7	0.26	0.99	0.0	1,1
3334	ok	s=8,m=11	0.25	-2.702e+04	0.25	-2.702e+04	2	215.4	22.7	0.26	0.99	0.0	1,1
3335	ok	s=8,m=11	0.26	-2.835e+04	0.26	-2.835e+04	2	215.4	22.7	0.26	0.99	0.0	1,1
3336	ok	s=17,m=11	0.02	3848.8	0.02	-3095.8	4	215.6	15.2	0.18	1.00	0.0	20,21
3337	ok	s=17,m=11	0.02	3926.5	0.01	-2467.0	4	215.6	15.2	0.18	1.00	0.0	31,34
3338	ok	s=20,m=11	0.11	-6070.2	0.13	-6070.2	1	294.1	61.7	0.71	0.84	0.0	1,1
3339	ok	s=20,m=11	0.20	-1.093e+04	0.23	-1.093e+04	1	294.4	61.8	0.71	0.84	0.0	1,1
3340	ok	s=20,m=11	0.11	-5935.0	0.13	-5935.0	1	294.1	61.7	0.71	0.84	0.0	1,1
3341	ok	s=20,m=11	0.20	-1.098e+04	0.24	-1.098e+04	1	294.4	61.8	0.71	0.84	0.0	1,1
3342	ok	s=17,m=11	0.13	-2.133e+04	0.13	-2.133e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3343	ok	s=17,m=11	0.13	-2.115e+04	0.13	-2.115e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3344	ok	s=7,m=11	0.17	2.171e+04			3	80.0	7.1	0.08	1.00	0.0	1,0
3345	ok	s=21,m=11	0.26	-3.389e+04	0.27	-3.389e+04	3	400.0	35.5	0.41	0.95	0.0	1,1
3346	ok	s=19,m=11	0.17	-1.293e+04	0.17	-1.293e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
3347	ok	s=19,m=11	0.17	-1.294e+04	0.17	-1.294e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
3348	ok	s=21,m=11	0.18	-2.370e+04	0.19	-2.370e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
3349	ok	s=21,m=11	0.18	-2.378e+04	0.19	-2.378e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
3350	ok	s=17,m=11	0.10	-1.682e+04	0.10	-1.682e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3351	ok	s=17,m=11	0.10	-1.635e+04	0.10	-1.635e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3352	ok	s=20,m=11	0.11	-6154.4	0.13	-6154.4	1	294.1	61.7	0.71	0.84	0.0	1,1
3353	ok	s=20,m=11	0.17	-9221.2	0.20	-9221.2	1	294.4	61.8	0.71	0.84	0.0	1,1
3354	ok	s=20,m=11	0.11	-6086.7	0.13	-6086.7	1	294.1	61.7	0.71	0.84	0.0	1,1
3355	ok	s=20,m=11	0.17	-9215.9	0.20	-9215.9	1	294.4	61.8	0.71	0.84	0.0	1,1
3356	ok	s=17,m=11	0.14	-2.380e+04	0.14	-2.380e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3357	ok	s=17,m=11	0.14	-2.348e+04	0.14	-2.348e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3358	ok	s=4,m=11	0.08	-9271.7	0.08	-9271.7	2	216.4	22.9	0.26	0.99	0.0	1,1
3359	ok	s=4,m=11	0.17	-2.099e+04	0.17	-2.099e+04	2	216.4	22.9	0.26	0.99	0.0	1,1
3360	ok	s=4,m=11	0.18	-2.203e+04	0.18	-2.203e+04	2	216.4	22.9	0.26	0.99	0.0	1,1
3361	ok	s=4,m=11	0.06	-7857.9	0.06	-7857.9	2	216.4	22.9	0.26	0.99	0.0	1,1
3362	ok	s=21,m=11	0.20	-2.582e+04	0.21	-2.582e+04	3	400.0	35.5	0.41	0.95	0.0	1,1
3363	ok	s=19,m=11	0.09	-6927.5	0.09	-6927.5	1	200.2	30.0	0.35	0.97	0.0	1,1
3364	ok	s=19,m=11	0.09	-6953.1	0.09	-6953.1	1	200.2	30.0	0.35	0.97	0.0	1,1
3365	ok	s=21,m=11	0.24	-3.176e+04	0.25	-3.176e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
3366	ok	s=21,m=11	0.24	-3.173e+04	0.25	-3.173e+04	3	401.5	35.6	0.41	0.95	0.0	1,1
3367	ok	s=17,m=11	0.17	-2.745e+04	0.17	-2.745e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3368	ok	s=17,m=11	0.16	-2.717e+04	0.16	-2.717e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3369	ok	s=20,m=11	0.14	-7535.1	0.16	-7535.1	1	294.4	61.8	0.71	0.84	0.0	1,1
3370	ok	s=20,m=11	0.11	-6284.4	0.13	-6284.4	1	294.1	61.7	0.71	0.84	0.0	1,1
3371	ok	s=20,m=11	0.14	-7503.9	0.16	-7503.9	1	294.4	61.8	0.71	0.84	0.0	1,1
3372	ok	s=20,m=11	0.11	-6252.0	0.13	-6252.0	1	294.1	61.7	0.71	0.84	0.0	1,1
3373	ok	s=17,m=11	0.14	-2.372e+04	0.14	-2.372e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3374	ok	s=17,m=11	0.14	-2.329e+04	0.14	-2.329e+04	4	215.6	15.2	0.18	1.00	0.0	1,1

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
3375	ok	s=21,m=11	0.14	-1.893e+04	0.15	-1.893e+04	3	400.0	35.5	0.41	0.95	0.0	1,1
3376	ok	s=19,m=11	0.05	-3627.0	0.05	-3627.0	1	200.2	30.0	0.35	0.97	0.0	1,1
3377	ok	s=19,m=11	0.05	-3669.9	0.05	-3669.9	1	200.2	30.0	0.35	0.97	0.0	1,1
3378	ok	s=17,m=11	0.20	-3.339e+04	0.20	-3.339e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3379	ok	s=17,m=11	0.20	-3.323e+04	0.20	-3.323e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3380	ok	s=20,m=11	0.12	-6671.2	0.14	-6671.2	1	294.1	61.7	0.71	0.84	0.0	1,1
3381	ok	s=20,m=11	0.11	-6148.9	0.13	-6148.9	1	294.4	61.8	0.71	0.84	0.0	1,1
3382	ok	s=20,m=11	0.12	-6639.3	0.14	-6639.3	1	294.1	61.7	0.71	0.84	0.0	1,1
3383	ok	s=20,m=11	0.11	-6125.1	0.13	-6125.1	1	294.4	61.8	0.71	0.84	0.0	1,1
3384	ok	s=17,m=11	0.15	-2.426e+04	0.15	-2.426e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3385	ok	s=17,m=11	0.14	-2.380e+04	0.14	-2.380e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3386	ok	s=25,m=11	0.05	2877.9	0.05	-2315.1	1	432.0	79.3	0.91	0.73	0.0	13,12
3387	ok	s=3,m=11	0.17	1.530e+04			2	80.0	10.6	0.12	1.00	0.0	1,0
3388	ok	s=25,m=11	0.04	2278.7			1	432.0	79.3	0.91	0.73	0.0	1,0
3389	ok	s=3,m=11	0.18	1.582e+04			2	80.0	10.6	0.12	1.00	0.0	1,0
3390	ok	s=21,m=11	0.11	-1.486e+04	0.12	-1.486e+04	3	400.0	35.5	0.41	0.95	0.0	1,1
3391	ok	s=19,m=11	0.06	-4336.8	0.06	-4336.8	1	200.2	30.0	0.35	0.97	0.0	22,22
3392	ok	s=19,m=11	0.06	-4291.8	0.06	-4291.8	1	200.2	30.0	0.35	0.97	0.0	13,13
3393	ok	s=17,m=11	0.21	-3.422e+04	0.21	-3.422e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3394	ok	s=17,m=11	0.21	-3.417e+04	0.21	-3.417e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3395	ok	s=20,m=11	0.11	-5941.5	0.13	-5941.5	1	294.4	61.8	0.71	0.84	0.0	1,1
3396	ok	s=20,m=11	0.14	-7799.7	0.17	-7799.7	1	294.1	61.7	0.71	0.84	0.0	1,1
3397	ok	s=20,m=11	0.11	-5949.4	0.13	-5949.4	1	294.4	61.8	0.71	0.84	0.0	1,1
3398	ok	s=20,m=11	0.14	-7742.8	0.17	-7742.8	1	294.1	61.7	0.71	0.84	0.0	1,1
3399	ok	s=17,m=11	0.13	-2.199e+04	0.13	-2.199e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3400	ok	s=17,m=11	0.13	-2.134e+04	0.13	-2.134e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3401	ok	s=21,m=11	0.11	-1.453e+04	0.12	-1.453e+04	3	400.0	35.5	0.41	0.95	0.0	1,1
3402	ok	s=19,m=11	0.09	-6778.9	0.09	-6778.9	1	200.2	30.0	0.35	0.97	0.0	1,1
3403	ok	s=19,m=11	0.09	-6845.3	0.09	-6845.3	1	200.2	30.0	0.35	0.97	0.0	1,1
3404	ok	s=17,m=11	0.20	-3.301e+04	0.20	-3.301e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3405	ok	s=17,m=11	0.20	-3.298e+04	0.20	-3.298e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3406	ok	s=4,m=11	0.20	-2.453e+04	0.20	-2.453e+04	2	215.9	22.8	0.26	0.99	0.0	1,1
3407	ok	s=4,m=11	0.12	-1.481e+04	0.12	-1.481e+04	2	215.9	22.8	0.26	0.99	0.0	1,1
3408	ok	s=4,m=11	0.12	-1.430e+04	0.12	-1.430e+04	2	215.9	22.8	0.26	0.99	0.0	1,1
3409	ok	s=4,m=11	0.20	-2.508e+04	0.21	-2.508e+04	2	215.9	22.8	0.26	0.99	0.0	1,1
3410	ok	s=20,m=11	0.17	-9561.5	0.20	-9561.5	1	294.1	61.7	0.71	0.84	0.0	1,1
3411	ok	s=20,m=11	0.10	-5649.3	0.12	-5649.3	1	294.4	61.8	0.71	0.84	0.0	1,1
3412	ok	s=20,m=11	0.17	-9456.1	0.20	-9456.1	1	294.1	61.7	0.71	0.84	0.0	1,1
3413	ok	s=20,m=11	0.10	-5710.1	0.12	-5710.1	1	294.4	61.8	0.71	0.84	0.0	1,1
3414	ok	s=17,m=11	0.11	-1.816e+04	0.11	-1.816e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3415	ok	s=17,m=11	0.10	-1.725e+04	0.10	-1.725e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3416	ok	s=21,m=11	0.14	-1.879e+04	0.15	-1.879e+04	3	400.0	35.5	0.41	0.95	0.0	1,1
3417	ok	s=19,m=11	0.16	-1.247e+04	0.17	-1.247e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
3418	ok	s=19,m=11	0.16	-1.254e+04	0.17	-1.254e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
3419	ok	s=17,m=11	0.16	-2.696e+04	0.16	-2.696e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3420	ok	s=17,m=11	0.16	-2.711e+04	0.16	-2.711e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3421	ok	s=20,m=11	0.09	-4859.2	0.10	-4859.2	1	294.4	61.8	0.71	0.84	0.0	1,1
3422	ok	s=20,m=11	0.22	-1.211e+04	0.26	-1.211e+04	1	294.1	61.7	0.71	0.84	0.0	1,1
3423	ok	s=20,m=11	0.09	-4971.6	0.11	-4971.6	1	294.4	61.8	0.71	0.84	0.0	1,1
3424	ok	s=20,m=11	0.22	-1.195e+04	0.26	-1.195e+04	1	294.1	61.7	0.71	0.84	0.0	1,1
3425	ok	s=17,m=11	0.09	-1.473e+04	0.09	-1.473e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3426	ok	s=17,m=11	0.08	-1.354e+04	0.08	-1.354e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3427	ok	s=21,m=11	0.20	-2.582e+04	0.21	-2.582e+04	3	400.0	35.5	0.41	0.95	0.0	1,1
3428	ok	s=19,m=11	0.26	-2.048e+04	0.27	-2.048e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
3429	ok	s=19,m=11	0.26	-2.052e+04	0.27	-2.052e+04	1	200.2	30.0	0.35	0.97	0.0	1,1
3430	ok	s=25,m=11	0.01	-735.7	0.02	-735.7	1	444.0	81.5	0.94	0.71	0.0	12,12
3431	ok	s=3,m=11	0.10	8976.6	8.16e-04	-71.9	2	80.0	10.6	0.12	1.00	0.0	19,22
3432	ok	s=25,m=11	9.91e-03	627.9	5.01e-03	-224.8	1	444.0	81.5	0.94	0.71	0.0	38,2
3433	ok	s=3,m=11	0.11	1.009e+04	1.87e-03	-164.9	2	80.0	10.6	0.12	1.00	0.0	12,13
3434	ok	s=17,m=11	0.09	-1.547e+04	0.09	-1.547e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3435	ok	s=17,m=11	0.10	-1.589e+04	0.10	-1.589e+04	4	215.6	15.2	0.18	1.00	0.0	1,1
3436	ok	s=20,m=11	0.29	-1.596e+04	0.34	-1.596e+04	1	294.1	61.7	0.71	0.84	0.0	1,1
3437	ok	s=20,m=11	0.05	-2652.4	0.06	-2652.4	1	294.4	61.8	0.71	0.84	0.0	1,1
3438	ok	s=20,m=11	0.29	-1.579e+04	0.34	-1.579e+04	1	294.1	61.7	0.71	0.84	0.0	1,1
3439	ok	s=20,m=11	0.05	-2730.6	0.06	-2730.6	1	294.4	61.8	0.71	0.84	0.0	1,1
3440	ok	s=21,m=11	0.27	-3.564e+04	0.29	-3.564e+04	3	400.0	35.5	0.41	0.95	0.0	1,1
3441	ok	s=4,m=11	0.20	-2.456e+04	0.20	-2.456e+04	2	215.6	22.8	0.26	0.99	0.0	1,1
3442	ok	s=4,m=11	0.15	-1.819e+04	0.15	-1.819e+04	2	215.6	22.8	0.26	0.99	0.0	1,1
3443	ok	s=4,m=11	0.20	-2.425e+04	0.20	-2.425e+04	2	215.6	22.8	0.26	0.99	0.0	1,1
3444	ok	s=4,m=11	0.15	-1.864e+04	0.15	-1.864e+04	2	215.6	22.8	0.26	0.99	0.0	1,1
3445	ok	s=17,m=11	0.05	7885.1	0.02	-3656.1	4	215.6	15.2	0.18	1.00	0.0	22,19
3446	ok	s=17,m=11	0.04	7138.3	0.02	-3580.1	4	215.6	15.2	0.18	1.00	0.0	13,12
3447	ok	s=25,m=11	0.03	2178.0			1	452.0	83.0	0.96	0.70	0.0	1,0

Asta	Stato	Note	V N	N	V stab	N	Classe	Beta x L	Snellezza	Snell adim	Chi mn	v.Omeg	Rif. cmb
3448	ok	s=3,m=11	0.26	2.256e+04			2	80.0	10.6	0.12	1.00	0.0	1,0
3449	ok	s=25,m=11	0.03	1823.8			1	452.0	83.0	0.96	0.70	0.0	1,0
3450	ok	s=3,m=11	0.25	2.211e+04			2	80.0	10.6	0.12	1.00	0.0	1,0
3451	ok	s=4,m=11	0.19	-2.281e+04	0.19	-2.281e+04	2	215.4	22.8	0.26	0.99	0.0	1,1
3452	ok	s=4,m=11	0.17	-2.045e+04	0.17	-2.045e+04	2	215.4	22.8	0.26	0.99	0.0	1,1
3453	ok	s=4,m=11	0.19	-2.287e+04	0.19	-2.287e+04	2	215.4	22.8	0.26	0.99	0.0	1,1
3454	ok	s=4,m=11	0.17	-2.059e+04	0.17	-2.059e+04	2	215.4	22.8	0.26	0.99	0.0	1,1
3455	ok	s=25,m=11	0.04	2489.2			1	456.0	83.7	0.96	0.69	0.0	1,0
3456	ok	s=3,m=11	0.23	2.023e+04			2	80.0	10.6	0.12	1.00	0.0	1,0
Asta			**V N**	**N**	**V stab**	**N**		**Beta x L**	**Snellezza**	**Snell adim**	**Chi mn**	**v.Omeg**	
				-9.435e+04		-9.435e+04				0.05	0.60	0.0	
			0.97	1.070e+05	0.89			946.45	94.61	1.09		0.0	

Trave	Stato	Note	V V/T	V N/M	V stab	Classe	B22xL	B33xL	Snellezza	Chi mn	V flst	B11xL	Chi LT	Rif. cmb
							cm					cm		
3457	ok	s=22,m=11	0.04	0.94	0.92	1	538.5	538.5	30.7	0.96				1,1,1,0
3458	ok	s=22,m=11	0.04	0.99	0.98	1	538.5	538.5	30.7	0.96				1,1,1,0
3459	ok	s=22,m=11	0.04	0.69		1								1,1,0,0
3460	ok	s=22,m=11	0.04	0.72		1								1,1,0,0
3461	ok	s=22,m=11	0.04	0.69		1								1,1,0,0
3462	ok	s=22,m=11	0.04	0.71		1								1,1,0,0
3463	ok	s=22,m=11	0.04	0.94	0.92	1	538.5	538.5	30.7	0.96				1,1,1,0
3464	ok	s=22,m=11	0.04	0.99	0.98	1	538.5	538.5	30.7	0.96				1,1,1,0
3465	ok	s=22,m=11	0.04	0.96	0.95	1	557.1	557.1	31.8	0.96				1,1,1,0
3466	ok	s=22,m=11	0.04	0.91	0.89	1	557.1	557.1	31.8	0.96				1,1,1,0
3467	ok	s=22,m=11	0.04	0.70		1								1,1,0,0
3468	ok	s=22,m=11	0.04	0.68		1								1,1,0,0
3469	ok	s=22,m=11	0.04	0.70		1								1,1,0,0
3470	ok	s=22,m=11	0.04	0.69		1								1,1,0,0
3471	ok	s=22,m=11	0.04	0.96	0.94	1	557.1	557.1	31.8	0.96				1,1,1,0
3472	ok	s=22,m=11	0.04	0.93	0.91	1	557.1	557.1	31.8	0.96				1,1,1,0
3473	ok	s=22,m=11	0.03	0.55	0.56	1	858.6	858.6	49.0	0.90				22,1,1,0
3474	ok	s=22,m=11	0.03	0.30	0.34	1	858.6	858.6	49.0	0.90				22,20,20,0
3475	ok	s=22,m=11	0.05	0.32		1								22,1,0,0
3476	ok	s=22,m=11	0.05	0.24		1								22,1,0,0
3477	ok	s=22,m=11	0.05	0.33	0.07	1	858.6	858.6	49.0	0.90				13,1,16,0
3478	ok	s=22,m=11	0.05	0.23		1								14,1,0,0
3479	ok	s=22,m=11	0.03	0.55	0.57	1	858.6	858.6	49.0	0.90				13,1,1,0
3480	ok	s=22,m=11	0.03	0.30	0.33	1	858.6	858.6	49.0	0.90				13,11,11,0
3481	ok	s=22,m=11	0.03	0.51	0.55	1	1019.8	1019.8	58.2	0.86				20,1,1,0
3482	ok	s=22,m=11	0.03	0.76	0.83	1	1019.8	1019.8	58.2	0.86				1,1,1,0
3483	ok	s=22,m=11	0.05	0.46		1								19,1,0,0
3484	ok	s=22,m=11	0.05	0.51		1								20,1,0,0
3485	ok	s=22,m=11	0.04	0.45		1								11,1,0,0
3486	ok	s=22,m=11	0.04	0.50		1								11,1,0,0
3487	ok	s=22,m=11	0.02	0.50	0.55	1	1019.8	1019.8	58.2	0.86				14,1,1,0
3488	ok	s=22,m=11	0.03	0.75	0.82	1	1019.8	1019.8	58.2	0.86				1,1,1,0
3489	ok	s=6,m=11	0.08	0.90	0.81	1	271.9	271.9	15.5	1.00				1,1,1,0
3490	ok	s=6,m=11	0.08	0.97	0.86	1	271.9	271.9	15.5	1.00				1,1,1,0
3491	ok	s=6,m=11	0.07	0.90	0.81	1	271.9	271.9	15.5	1.00				1,1,1,0
3492	ok	s=6,m=11	0.08	0.96	0.85	1	271.9	271.9	15.5	1.00				1,1,1,0
3493	ok	s=10,m=11	0.09	0.98	0.86	1	268.9	268.9	15.3	1.00				1,1,1,0
3494	ok	s=10,m=11	0.09	0.94	0.83	1	268.9	268.9	15.3	1.00				1,1,1,0
3495	ok	s=6,m=11	0.08	0.97	0.85	1	268.9	268.9	15.3	1.00				1,1,1,0
3496	ok	s=6,m=11	0.10	0.97	0.85	1	268.9	268.9	15.3	1.00				1,1,1,0
3497	ok	s=6,m=11	0.02	0.49	0.47	1	268.9	268.9	15.3	1.00				1,1,1,0
3498	ok	s=6,m=11	0.01	0.47	0.46	1	268.9	268.9	15.3	1.00				1,1,1,0
3499	ok	s=6,m=11	0.02	0.49	0.48	1	268.9	268.9	15.3	1.00				1,1,1,0
3500	ok	s=6,m=11	0.01	0.47	0.46	1	268.9	268.9	15.3	1.00				1,1,1,0
3501	ok	s=10,m=11	3.76e-03	0.38	0.38	1	265.4	265.4	15.1	1.00				1,1,1,0
3502	ok	s=10,m=11	0.02	0.43	0.42	1	265.4	265.4	15.1	1.00				1,1,1,0
3503	ok	s=10,m=11	4.27e-03	0.38	0.38	1	265.4	265.4	15.1	1.00				1,1,1,0
3504	ok	s=10,m=11	0.02	0.43	0.42	1	265.4	265.4	15.1	1.00				1,1,1,0
3505	ok	s=10,m=11	3.26e-03	0.31	0.31	1	262.8	262.8	15.0	1.00				1,1,1,0
3506	ok	s=10,m=11	3.23e-03	0.36	0.37	1	262.8	262.8	15.0	1.00				13,1,1,0
3507	ok	s=10,m=11	3.48e-03	0.31	0.31	1	262.8	262.8	15.0	1.00				1,1,1,0
3508	ok	s=10,m=11	3.19e-03	0.36	0.37	1	262.8	262.8	15.0	1.00				22,1,1,0
3509	ok	s=6,m=11	4.75e-03	0.44	0.45	1	265.4	265.4	15.1	1.00				1,1,1,0

Trave	Stato	Note	V V/T	V N/M	V stab	Classe	B22xL	B33xL	Snellezza	Chi mn	V flst	B11xL	Chi LT	Rif. cmb
3510	ok	s=6,m=11	9.75e-03	0.39	0.39	1	265.4	265.4	15.1	1.00				1,1,1,0
3511	ok	s=6,m=11	4.73e-03	0.44	0.45	1	265.4	265.4	15.1	1.00				1,1,1,0
3512	ok	s=6,m=11	9.41e-03	0.40	0.39	1	265.4	265.4	15.1	1.00				1,1,1,0
3513	ok	s=5,m=11	7.48e-03	0.11	0.02	1	271.9	271.9	15.5	1.00				1,1,8,0
3514	ok	s=5,m=11	0.02	0.15	0.05	1	271.9	271.9	15.5	1.00				1,1,13,0
3515	ok	s=5,m=11	7.75e-03	0.11	0.02	1	271.9	271.9	15.5	1.00				1,1,15,0
3516	ok	s=5,m=11	0.02	0.15	0.05	1	271.9	271.9	15.5	1.00				1,1,22,0
3517	ok	s=9,m=11	0.02	0.14	0.08	1	268.9	268.9	15.3	1.00				1,1,12,0
3518	ok	s=9,m=11	0.01	0.18		1								1,1,0,0
3519	ok	s=9,m=11	0.02	0.14	0.08	1	268.9	268.9	15.3	1.00				1,1,19,0
3520	ok	s=9,m=11	0.01	0.19		1								1,1,0,0
3521	ok	s=10,m=11	3.07e-03	0.25	0.25	1	260.2	260.2	14.8	1.00				9,1,1,0
3522	ok	s=10,m=11	6.43e-03	0.30	0.30	1	260.2	260.2	14.8	1.00				1,1,1,0
3523	ok	s=10,m=11	3.05e-03	0.24	0.24	1	260.2	260.2	14.8	1.00				18,1,1,0
3524	ok	s=10,m=11	6.90e-03	0.30	0.29	1	260.2	260.2	14.8	1.00				1,1,1,0
3525	ok	s=6,m=11	3.20e-03	0.36	0.37	1	262.8	262.8	15.0	1.00				13,1,1,0
3526	ok	s=6,m=11	3.69e-03	0.28	0.29	1	262.8	262.8	15.0	1.00				1,1,1,0
3527	ok	s=6,m=11	3.23e-03	0.36	0.37	1	262.8	262.8	15.0	1.00				18,1,1,0
3528	ok	s=6,m=11	3.47e-03	0.28	0.29	1	262.8	262.8	15.0	1.00				1,1,1,0
3529	ok	s=14,m=11	0.11	0.56	0.44	1	254.6	254.6	14.5	1.00				1,1,1,0
3530	ok	s=14,m=11	0.05	0.27	0.23	1	254.6	254.6	14.5	1.00				1,1,20,0
3531	ok	s=14,m=11	0.12	0.56	0.44	1	254.6	254.6	14.5	1.00				1,1,1,0
3532	ok	s=14,m=11	0.04	0.26	0.23	1	254.6	254.6	14.5	1.00				19,1,11,0
3533	ok	s=10,m=11	7.50e-03	0.21	0.20	1	258.1	258.1	14.7	1.00				1,1,1,0
3534	ok	s=10,m=11	7.98e-03	0.22	0.22	1	258.1	258.1	14.7	1.00				1,1,1,0
3535	ok	s=10,m=11	7.56e-03	0.20	0.20	1	258.1	258.1	14.7	1.00				1,1,1,0
3536	ok	s=10,m=11	9.18e-03	0.22	0.21	1	258.1	258.1	14.7	1.00				1,1,1,0
3537	ok	s=14,m=11	0.02	0.19		1								1,1,0,0
3538	ok	s=14,m=11	5.95e-03	0.09		1								22,1,0,0
3539	ok	s=14,m=11	0.02	0.20		1								1,1,0,0
3540	ok	s=14,m=11	8.24e-03	0.09	0.03	1	253.3	253.3	14.5	1.00				22,1,21,0
3541	ok	s=5,m=11	7.27e-03	0.11	0.10	1	268.9	268.9	15.3	1.00				1,14,8,0
3542	ok	s=5,m=11	0.02	0.14	0.11	1	268.9	268.9	15.3	1.00				1,1,13,0
3543	ok	s=5,m=11	7.44e-03	0.11	0.10	1	268.9	268.9	15.3	1.00				1,21,15,0
3544	ok	s=5,m=11	0.02	0.13	0.11	1	268.9	268.9	15.3	1.00				1,1,22,0
3545	ok	s=6,m=11	6.54e-03	0.29	0.29	1	260.2	260.2	14.8	1.00				1,1,1,0
3546	ok	s=6,m=11	4.90e-03	0.23	0.23	1	260.2	260.2	14.8	1.00				1,1,1,0
3547	ok	s=6,m=11	6.54e-03	0.29	0.29	1	260.2	260.2	14.8	1.00				1,1,1,0
3548	ok	s=6,m=11	4.42e-03	0.23	0.24	1	260.2	260.2	14.8	1.00				1,1,1,0
3549	ok	s=9,m=11	0.03	0.14	0.15	1	265.4	265.4	15.1	1.00				1,1,1,0
3550	ok	s=9,m=11	0.01	0.11	0.09	1	265.4	265.4	15.1	1.00				1,1,10,0
3551	ok	s=9,m=11	0.03	0.13	0.15	1	265.4	265.4	15.1	1.00				1,1,1,0
3552	ok	s=9,m=11	0.01	0.12	0.09	1	265.4	265.4	15.1	1.00				1,1,17,0
3553	ok	s=14,m=11	5.47e-03	0.16	0.04	1	252.2	252.2	14.4	1.00				22,1,16,0
3554	ok	s=14,m=11	5.47e-03	0.16	0.05	1	252.2	252.2	14.4	1.00				22,1,14,0
3555	ok	s=14,m=11	7.46e-03	0.17	0.04	1	252.2	252.2	14.4	1.00				13,1,7,0
3556	ok	s=14,m=11	7.45e-03	0.16	0.06	1	252.2	252.2	14.4	1.00				13,20,21,0
3557	ok	s=10,m=11	2.92e-03	0.16	0.16	1	256.4	256.4	14.6	1.00				1,1,1,0
3558	ok	s=10,m=11	3.87e-03	0.17	0.17	1	256.4	256.4	14.6	1.00				22,1,1,0
3559	ok	s=10,m=11	2.89e-03	0.15	0.15	1	256.4	256.4	14.6	1.00				1,1,1,0
3560	ok	s=10,m=11	3.59e-03	0.16	0.16	1	256.4	256.4	14.6	1.00				13,1,1,0
3561	ok	s=14,m=11	4.64e-03	0.20	0.06	1	251.3	251.3	14.3	1.00				22,17,16,0
3562	ok	s=14,m=11	4.66e-03	0.22	0.08	1	251.3	251.3	14.3	1.00				22,7,10,0
3563	ok	s=14,m=11	6.52e-03	0.21	0.06	1	251.3	251.3	14.3	1.00				13,10,7,0
3564	ok	s=14,m=11	6.55e-03	0.23	0.09	1	251.3	251.3	14.3	1.00				13,20,21,0
3565	ok	s=6,m=11	9.95e-03	0.21	0.21	1	258.1	258.1	14.7	1.00				1,1,1,0
3566	ok	s=6,m=11	6.36e-03	0.18	0.18	1	258.1	258.1	14.7	1.00				1,1,1,0
3567	ok	s=6,m=11	9.97e-03	0.21	0.21	1	258.1	258.1	14.7	1.00				1,1,1,0
3568	ok	s=6,m=11	6.39e-03	0.18	0.18	1	258.1	258.1	14.7	1.00				1,1,1,0
3569	ok	s=14,m=11	6.12e-03	0.26	0.08	1	250.6	250.6	14.3	1.00				1,17,16,0
3570	ok	s=14,m=11	3.25e-03	0.27	0.11	1	250.6	250.6	14.3	1.00				22,7,10,0
3571	ok	s=14,m=11	6.08e-03	0.26	0.08	1	250.6	250.6	14.3	1.00				1,10,7,0
3572	ok	s=14,m=11	5.09e-03	0.27	0.11	1	250.6	250.6	14.3	1.00				13,20,17,0
3573	ok	s=9,m=11	0.03	0.15	0.12	1	262.8	262.8	15.0	1.00				1,1,11,0
3574	ok	s=9,m=11	0.02	0.10	0.10	1	262.8	262.8	15.0	1.00				1,12,1,0
3575	ok	s=9,m=11	0.03	0.15	0.11	1	262.8	262.8	15.0	1.00				1,16,20,0
3576	ok	s=9,m=11	0.01	0.10	0.11	1	262.8	262.8	15.0	1.00				1,1,1,0
3577	ok	s=5,m=11	0.02	0.12	0.12	1	265.4	265.4	15.1	1.00				1,14,11,0
3578	ok	s=5,m=11	0.01	0.15	0.14	1	265.4	265.4	15.1	1.00				1,13,13,0
3579	ok	s=5,m=11	0.01	0.12	0.13	1	265.4	265.4	15.1	1.00				1,21,20,0
3580	ok	s=5,m=11	0.01	0.15	0.14	1	265.4	265.4	15.1	1.00				1,22,22,0
3581	ok	s=10,m=11	2.59e-03	0.11	0.11	1	254.6	254.6	14.5	1.00				19,1,1,0
3582	ok	s=10,m=11	4.27e-03	0.12	0.12	1	254.6	254.6	14.5	1.00				1,1,1,0

Trave	Stato	Note	V V/T	V N/M	V stab	Classe	B22xL	B33xL	Snellezza	Chi mn	V flst	B11xL	Chi LT	Rif. cmb
3583	ok	s=10,m=11	2.62e-03	0.10	0.10	1	254.6	254.6	14.5	1.00				1,1,1,0
3584	ok	s=10,m=11	5.56e-03	0.12	0.12	1	254.6	254.6	14.5	1.00				1,1,1,0
3585	ok	s=14,m=11	2.52e-03	0.28	0.09	1	250.2	250.2	14.3	1.00				1,17,16,0
3586	ok	s=14,m=11	1.99e-03	0.30	0.12	1	250.2	250.2	14.3	1.00				1,15,22,0
3587	ok	s=14,m=11	3.64e-03	0.28	0.09	1	250.2	250.2	14.3	1.00				13,10,7,0
3588	ok	s=14,m=11	3.65e-03	0.30	0.12	1	250.2	250.2	14.3	1.00				13,16,21,0
3589	ok	s=14,m=11	5.18e-03	0.29	0.09	1	250.0	250.0	14.3	1.00				1,22,19,0
3590	ok	s=14,m=11	6.04e-03	0.33	0.13	1	250.0	250.0	14.3	1.00				11,19,22,0
3591	ok	s=14,m=11	5.15e-03	0.29	0.09	1	250.0	250.0	14.3	1.00				1,14,11,0
3592	ok	s=14,m=11	6.11e-03	0.33	0.13	1	250.0	250.0	14.3	1.00				20,11,18,0
3593	ok	s=2,m=11	0.09	0.58	0.46	1	258.1	258.1	14.7	1.00				1,1,1,0
3594	ok	s=2,m=11	0.14	0.77	0.60	1	258.1	258.1	14.7	1.00				1,1,1,0
3595	ok	s=2,m=11	0.08	0.52	0.42	1	258.1	258.1	14.7	1.00				1,1,1,0
3596	ok	s=2,m=11	0.14	0.78	0.61	1	258.1	258.1	14.7	1.00				1,1,1,0
3597	ok	s=6,m=11	4.02e-03	0.16	0.16	1	256.4	256.4	14.6	1.00				1,1,1,0
3598	ok	s=6,m=11	3.22e-03	0.15	0.15	1	256.4	256.4	14.6	1.00				22,1,1,0
3599	ok	s=6,m=11	4.07e-03	0.16	0.16	1	256.4	256.4	14.6	1.00				1,1,1,0
3600	ok	s=6,m=11	3.11e-03	0.15	0.15	1	256.4	256.4	14.6	1.00				13,1,1,0
3601	ok	s=10,m=11	6.46e-03	0.09	0.08	1	253.3	253.3	14.5	1.00				1,1,1,0
3602	ok	s=10,m=11	5.24e-03	0.09	0.09	1	253.3	253.3	14.5	1.00				1,1,1,0
3603	ok	s=10,m=11	6.47e-03	0.08	0.08	1	253.3	253.3	14.5	1.00				1,1,1,0
3604	ok	s=10,m=11	5.02e-03	0.08	0.08	1	253.3	253.3	14.5	1.00				1,1,1,0
3605	ok	s=9,m=11	0.01	0.16	0.15	1	260.2	260.2	14.8	1.00				1,19,1,0
3606	ok	s=9,m=11	0.01	0.14	0.14	1	260.2	260.2	14.8	1.00				1,1,1,0
3607	ok	s=9,m=11	0.01	0.16	0.14	1	260.2	260.2	14.8	1.00				1,8,16,0
3608	ok	s=9,m=11	0.01	0.16	0.15	1	260.2	260.2	14.8	1.00				1,1,1,0
3609	ok	s=5,m=11	0.03	0.16	0.15	1	262.8	262.8	15.0	1.00				1,1,1,0
3610	ok	s=5,m=11	0.03	0.17	0.12	1	262.8	262.8	15.0	1.00				1,1,13,0
3611	ok	s=5,m=11	0.03	0.16	0.15	1	262.8	262.8	15.0	1.00				1,1,1,0
3612	ok	s=5,m=11	0.03	0.16	0.12	1	262.8	262.8	15.0	1.00				1,1,22,0
3613	ok	s=10,m=11	2.65e-03	0.06	0.06	1	252.2	252.2	14.4	1.00				21,35,22,0
3614	ok	s=10,m=11	4.09e-03	0.06	0.06	1	252.2	252.2	14.4	1.00				22,1,8,0
3615	ok	s=10,m=11	2.55e-03	0.06	0.06	1	252.2	252.2	14.4	1.00				14,32,13,0
3616	ok	s=10,m=11	3.91e-03	0.05	0.06	1	252.2	252.2	14.4	1.00				13,1,11,0
3617	ok	s=2,m=11	8.99e-03	0.07	0.04	1	256.4	256.4	14.6	1.00				1,1,12,0
3618	ok	s=2,m=11	0.02	0.19		1								1,1,0,0
3619	ok	s=2,m=11	6.74e-03	0.07		1								11,1,0,0
3620	ok	s=2,m=11	0.02	0.15	0.06	1	256.4	256.4	14.6	1.00				1,1,19,0
3621	ok	s=6,m=11	3.73e-03	0.10	0.10	1	254.6	254.6	14.5	1.00				1,1,1,0
3622	ok	s=6,m=11	4.49e-03	0.11	0.11	1	254.6	254.6	14.5	1.00				1,1,1,0
3623	ok	s=6,m=11	3.68e-03	0.10	0.10	1	254.6	254.6	14.5	1.00				1,1,1,0
3624	ok	s=6,m=11	4.43e-03	0.11	0.11	1	254.6	254.6	14.5	1.00				1,1,1,0
3625	ok	s=13,m=11	6.43e-03	0.08	0.06	1	254.6	254.6	14.5	1.00				14,14,11,0
3626	ok	s=13,m=11	0.02	0.24	0.17	1	254.6	254.6	14.5	1.00				12,12,13,0
3627	ok	s=24,m=11	0.09	0.29	0.27	1	440.9	440.9	25.2	0.98				13,12,12,0
3628	ok	s=13,m=11	7.33e-03	0.07	0.06	1	254.6	254.6	14.5	1.00				1,7,12,0
3629	ok	s=13,m=11	0.01	0.16	0.09	1	254.6	254.6	14.5	1.00				11,11,22,0
3630	ok	s=10,m=11	3.60e-03	0.05	0.04	1	251.3	251.3	14.3	1.00				1,35,14,0
3631	ok	s=10,m=11	3.95e-03	0.05	0.05	1	251.3	251.3	14.3	1.00				1,29,8,0
3632	ok	s=10,m=11	3.67e-03	0.06	0.04	1	251.3	251.3	14.3	1.00				1,32,21,0
3633	ok	s=10,m=11	3.94e-03	0.05	0.04	1	251.3	251.3	14.3	1.00				1,26,19,0
3634	ok	s=6,m=11	6.55e-03	0.07	0.07	1	253.3	253.3	14.5	1.00				1,38,38,0
3635	ok	s=6,m=11	5.25e-03	0.09	0.09	1	253.3	253.3	14.5	1.00				1,36,36,0
3636	ok	s=6,m=11	6.61e-03	0.07	0.07	1	253.3	253.3	14.5	1.00				1,33,33,0
3637	ok	s=6,m=11	5.30e-03	0.09	0.09	1	253.3	253.3	14.5	1.00				1,31,31,0
3638	ok	s=10,m=11	5.58e-03	0.07	0.04	1	250.6	250.6	14.3	1.00				1,1,14,0
3639	ok	s=10,m=11	5.86e-03	0.08	0.04	1	250.6	250.6	14.3	1.00				1,1,16,0
3640	ok	s=10,m=11	5.51e-03	0.08	0.04	1	250.6	250.6	14.3	1.00				1,1,21,0
3641	ok	s=10,m=11	5.86e-03	0.08	0.04	1	250.6	250.6	14.3	1.00				1,1,7,0
3642	ok	s=9,m=11	0.02	0.21	0.20	1	258.1	258.1	14.7	1.00				1,1,1,0
3643	ok	s=9,m=11	0.01	0.17	0.15	1	258.1	258.1	14.7	1.00				22,17,9,0
3644	ok	s=9,m=11	0.02	0.21	0.20	1	258.1	258.1	14.7	1.00				1,1,1,0
3645	ok	s=9,m=11	0.01	0.17	0.15	1	258.1	258.1	14.7	1.00				1,10,18,0
3646	ok	s=2,m=11	6.15e-03	0.12	0.04	1	254.6	254.6	14.5	1.00				20,13,12,0
3647	ok	s=2,m=11	6.03e-03	0.15		1								20,1,0,0
3648	ok	s=2,m=11	6.64e-03	0.16		1								11,1,0,0
3649	ok	s=2,m=11	6.76e-03	0.10		1								11,1,0,0
3650	ok	s=13,m=11	0.02	0.12	0.11	1	253.3	253.3	14.5	1.00				1,1,1,0
3651	ok	s=13,m=11	0.01	0.20	0.14	1	253.3	253.3	14.5	1.00				1,12,13,0
3652	ok	s=24,m=11	0.04	0.28	0.27	1	257.3	765.8	43.7	0.92				20,12,12,0
3653	ok	s=10,m=11	3.21e-03	0.08	0.03	1	250.2	250.2	14.3	1.00				37,1,18,0
3654	ok	s=10,m=11	2.70e-03	0.10	0.04	1	250.2	250.2	14.3	1.00				19,1,16,0
3655	ok	s=10,m=11	3.22e-03	0.08	0.03	1	250.2	250.2	14.3	1.00				34,1,13,0

Trave	Stato	Note	V V/T	V N/M	V stab	Classe	B22xL	B33xL	Snellezza	Chi mn	V flst	B11xL	Chi LT	Rif. cmb
3656	ok	s=10,m=11	2.68e-03	0.10	0.04	1	250.2	250.2	14.3	1.00				12,1,7,0
3657	ok	s=13,m=11	0.02	0.12	0.10	1	253.3	253.3	14.5	1.00				1,1,1,0
3658	ok	s=13,m=11	0.01	0.18	0.13	1	253.3	253.3	14.5	1.00				1,19,22,0
3659	ok	s=24,m=11	0.01	0.18	0.18	1	257.3	765.8	43.7	0.92				11,11,20,0
3660	ok	s=10,m=11	7.30e-03	0.08		1								1,1,0,0
3661	ok	s=10,m=11	7.76e-03	0.09		1								1,1,0,0
3662	ok	s=10,m=11	7.32e-03	0.08		1								1,1,0,0
3663	ok	s=10,m=11	7.54e-03	0.09		1								1,1,0,0
3664	ok	s=5,m=11	0.02	0.23	0.22	1	260.2	260.2	14.8	1.00				1,1,1,0
3665	ok	s=5,m=11	0.02	0.17	0.16	1	260.2	260.2	14.8	1.00				1,1,1,0
3666	ok	s=5,m=11	0.02	0.23	0.22	1	260.2	260.2	14.8	1.00				1,1,1,0
3667	ok	s=5,m=11	0.01	0.17	0.15	1	260.2	260.2	14.8	1.00				1,1,1,0
3668	ok	s=6,m=11	2.54e-03	0.07	0.06	1	252.2	252.2	14.4	1.00				21,35,22,0
3669	ok	s=6,m=11	3.26e-03	0.07	0.07	1	252.2	252.2	14.4	1.00				22,32,32,0
3670	ok	s=6,m=11	2.47e-03	0.07	0.06	1	252.2	252.2	14.4	1.00				14,32,13,0
3671	ok	s=6,m=11	3.10e-03	0.07	0.07	1	252.2	252.2	14.4	1.00				13,35,35,0
3672	ok	s=2,m=11	6.27e-03	0.21	0.07	1	253.3	253.3	14.5	1.00				1,1,12,0
3673	ok	s=2,m=11	6.58e-03	0.24		1								1,1,0,0
3674	ok	s=2,m=11	6.30e-03	0.24		1								11,1,0,0
3675	ok	s=2,m=11	6.55e-03	0.19		1								1,1,0,0
3676	ok	s=13,m=11	0.02	0.16	0.17	1	252.2	252.2	14.4	1.00				1,1,1,0
3677	ok	s=13,m=11	0.01	0.21	0.15	1	252.2	252.2	14.4	1.00				12,12,13,0
3678	ok	s=24,m=11	0.03	0.27	0.28	1	255.3	765.8	43.7	0.92				13,20,11,0
3679	ok	s=13,m=11	0.02	0.16	0.18	1	252.2	252.2	14.4	1.00				1,1,1,0
3680	ok	s=13,m=11	0.01	0.19	0.14	1	252.2	252.2	14.4	1.00				1,11,22,0
3681	ok	s=24,m=11	5.86e-03	0.22	0.24	1	255.3	765.8	43.7	0.92				11,11,20,0
3682	ok	s=9,m=11	0.02	0.26	0.27	1	256.4	256.4	14.6	1.00				20,1,1,0
3683	ok	s=9,m=11	0.02	0.18	0.17	1	256.4	256.4	14.6	1.00				22,17,1,0
3684	ok	s=9,m=11	0.02	0.26	0.27	1	256.4	256.4	14.6	1.00				11,1,1,0
3685	ok	s=9,m=11	0.02	0.20	0.21	1	256.4	256.4	14.6	1.00				13,1,1,0
3686	ok	s=6,m=11	4.23e-03	0.07	0.04	1	251.3	251.3	14.3	1.00				1,35,14,0
3687	ok	s=6,m=11	4.48e-03	0.06	0.05	1	251.3	251.3	14.3	1.00				1,37,32,0
3688	ok	s=6,m=11	4.26e-03	0.07	0.04	1	251.3	251.3	14.3	1.00				1,32,21,0
3689	ok	s=6,m=11	4.44e-03	0.06	0.05	1	251.3	251.3	14.3	1.00				1,34,35,0
3690	ok	s=13,m=11	0.01	0.21	0.21	1	251.3	251.3	14.3	1.00				1,1,1,0
3691	ok	s=13,m=11	0.01	0.19	0.15	1	251.3	251.3	14.3	1.00				11,12,13,0
3692	ok	s=24,m=11	0.03	0.23	0.25	1	253.1	765.8	43.7	0.92				14,20,20,0
3693	ok	s=13,m=11	0.01	0.21	0.22	1	251.3	251.3	14.3	1.00				1,1,1,0
3694	ok	s=13,m=11	8.30e-03	0.18	0.15	1	251.3	251.3	14.3	1.00				1,11,18,0
3695	ok	s=24,m=11	6.30e-03	0.21	0.23	1	253.1	765.8	43.7	0.92				21,11,11,0
3696	ok	s=6,m=11	5.80e-03	0.10	0.04	1	250.6	250.6	14.3	1.00				1,1,14,0
3697	ok	s=6,m=11	5.12e-03	0.06	0.05	1	250.6	250.6	14.3	1.00				1,1,12,0
3698	ok	s=6,m=11	5.77e-03	0.10	0.04	1	250.6	250.6	14.3	1.00				1,1,21,0
3699	ok	s=6,m=11	5.15e-03	0.06	0.05	1	250.6	250.6	14.3	1.00				1,1,19,0
3700	ok	s=2,m=11	5.23e-03	0.28		1								12,1,0,0
3701	ok	s=2,m=11	4.16e-03	0.27		1								20,1,0,0
3702	ok	s=2,m=11	5.54e-03	0.30		1								11,1,0,0
3703	ok	s=2,m=11	5.65e-03	0.24		1								11,1,0,0
3704	ok	s=5,m=11	0.01	0.22	0.21	1	258.1	258.1	14.7	1.00				1,1,1,0
3705	ok	s=5,m=11	0.02	0.22	0.20	1	258.1	258.1	14.7	1.00				1,1,1,0
3706	ok	s=5,m=11	0.01	0.22	0.21	1	258.1	258.1	14.7	1.00				1,1,1,0
3707	ok	s=5,m=11	0.02	0.21	0.19	1	258.1	258.1	14.7	1.00				1,1,1,0
3708	ok	s=6,m=11	2.46e-03	0.11		1								37,1,0,0
3709	ok	s=6,m=11	2.85e-03	0.07	0.04	1	250.2	250.2	14.3	1.00				35,1,12,0
3710	ok	s=6,m=11	2.44e-03	0.11		1								34,1,0,0
3711	ok	s=6,m=11	2.86e-03	0.07	0.04	1	250.2	250.2	14.3	1.00				32,1,19,0
3712	ok	s=13,m=11	0.01	0.29	0.30	1	250.6	250.6	14.3	1.00				1,1,1,0
3713	ok	s=13,m=11	9.33e-03	0.15	0.15	1	250.6	250.6	14.3	1.00				11,12,14,0
3714	ok	s=24,m=11	0.03	0.23	0.25	1	251.1	501.8	28.6	0.97				14,12,20,0
3715	ok	s=13,m=11	0.01	0.29	0.31	1	250.6	250.6	14.3	1.00				1,1,1,0
3716	ok	s=13,m=11	5.52e-03	0.14	0.14	1	250.6	250.6	14.3	1.00				11,7,18,0
3717	ok	s=24,m=11	8.06e-03	0.22	0.24	1	251.1	501.8	28.6	0.97				14,11,11,0
3718	ok	s=6,m=11	8.12e-03	0.11		1								1,1,0,0
3719	ok	s=6,m=11	8.03e-03	0.07	0.03	1	250.0	250.0	14.3	1.00				1,1,12,0
3720	ok	s=6,m=11	8.14e-03	0.11		1								1,1,0,0
3721	ok	s=6,m=11	8.01e-03	0.07	0.03	1	250.0	250.0	14.3	1.00				1,1,19,0
3722	ok	s=9,m=11	0.01	0.23	0.23	1	254.6	254.6	14.5	1.00				20,1,1,0
3723	ok	s=9,m=11	0.02	0.21	0.21	1	254.6	254.6	14.5	1.00				22,1,1,0
3724	ok	s=2,m=11	3.86e-03	0.32		1								1,1,0,0
3725	ok	s=2,m=11	3.59e-03	0.28		1								1,1,0,0
3726	ok	s=2,m=11	4.74e-03	0.35		1								11,1,0,0
3727	ok	s=2,m=11	4.87e-03	0.27		1								11,1,0,0
3728	ok	s=9,m=11	0.01	0.22	0.22	1	254.6	254.6	14.5	1.00				11,1,1,0

Trave	Stato	Note	V V/T	V N/M	V stab	Classe	B22xL	B33xL	Snellezza	Chi mn	V flst	B11xL	Chi LT	Rif. cmb
3729	ok	s=9,m=11	0.01	0.24	0.24	1	254.6	254.6	14.5	1.00				13,1,1,0
3730	ok	s=13,m=11	0.01	0.33	0.33	1	250.2	250.2	14.3	1.00				20,1,1,0
3731	ok	s=13,m=11	9.05e-03	0.14	0.14	1	250.2	250.2	14.3	1.00				12,20,13,0
3732	ok	s=24,m=11	0.02	0.24	0.26	1	250.7	501.8	28.6	0.97				14,20,12,0
3733	ok	s=13,m=11	0.01	0.33	0.34	1	250.2	250.2	14.3	1.00				11,1,1,0
3734	ok	s=13,m=11	9.36e-03	0.14	0.13	1	250.2	250.2	14.3	1.00				11,11,14,0
3735	ok	s=24,m=11	8.96e-03	0.23	0.25	1	250.7	501.8	28.6	0.97				14,11,11,0
3736	ok	s=13,m=11	8.91e-03	0.31	0.32	1	250.0	250.0	14.3	1.00				1,1,1,0
3737	ok	s=13,m=11	7.87e-03	0.13	0.14	1	250.0	250.0	14.3	1.00				11,13,21,0
3738	ok	s=24,m=11	0.02	0.26	0.27	1	250.0	500.1	28.5	0.97				14,12,12,0
3739	ok	s=13,m=11	9.33e-03	0.32	0.32	1	250.0	250.0	14.3	1.00				11,1,1,0
3740	ok	s=13,m=11	7.20e-03	0.13	0.14	1	250.0	250.0	14.3	1.00				11,14,14,0
3741	ok	s=24,m=11	0.02	0.26	0.27	1	250.0	500.1	28.5	0.97				14,12,12,0
3742	ok	s=2,m=11	6.17e-03	0.38		1								12,1,0,0
3743	ok	s=2,m=11	5.05e-03	0.31		1								1,1,0,0
3744	ok	s=2,m=11	3.62e-03	0.38		1								11,1,0,0
3745	ok	s=2,m=11	5.28e-03	0.31		1								1,1,0,0
3746	ok	s=24,m=11	0.06	0.31	0.29	1	418.9	418.9	23.9	0.98				11,14,14,0
3747	ok	s=1,m=11	0.09	0.20	0.10	1	258.1	258.1	14.7	1.00				12,14,11,0
3748	ok	s=1,m=11	9.78e-03	0.08	0.06	1	258.1	258.1	14.7	1.00				1,12,10,0
3749	ok	s=24,m=11	0.09	0.35	0.31	1	418.9	418.9	23.9	0.98				19,20,21,0
3750	ok	s=1,m=11	0.11	0.19	0.11	1	258.1	258.1	14.7	1.00				19,21,20,0
3751	ok	s=1,m=11	9.95e-03	0.08	0.06	1	258.1	258.1	14.7	1.00				1,19,17,0
3752	ok	s=5,m=11	0.02	0.26	0.26	1	256.4	256.4	14.6	1.00				21,1,1,0
3753	ok	s=5,m=11	0.03	0.25	0.24	1	256.4	256.4	14.6	1.00				22,1,1,0
3754	ok	s=5,m=11	0.02	0.26	0.26	1	256.4	256.4	14.6	1.00				14,1,1,0
3755	ok	s=5,m=11	0.03	0.25	0.23	1	256.4	256.4	14.6	1.00				13,1,1,0
3756	ok	s=2,m=11	1.80e-03	0.40		1								20,1,0,0
3757	ok	s=2,m=11	2.66e-03	0.33		1								1,1,0,0
3758	ok	s=2,m=11	2.59e-03	0.40		1								11,1,0,0
3759	ok	s=2,m=11	2.71e-03	0.33		1								11,1,0,0
3760	ok	s=2,m=11	5.99e-03	0.43		1								1,1,0,0
3761	ok	s=2,m=11	4.71e-03	0.32		1								1,1,0,0
3762	ok	s=2,m=11	6.29e-03	0.43		1								1,1,0,0
3763	ok	s=2,m=11	4.72e-03	0.32		1								1,1,0,0
3764	ok	s=9,m=11	0.01	0.27	0.26	1	253.3	253.3	14.5	1.00				20,1,1,0
3765	ok	s=9,m=11	0.01	0.27	0.27	1	253.3	253.3	14.5	1.00				22,1,1,0
3766	ok	s=9,m=11	0.01	0.26	0.25	1	253.3	253.3	14.5	1.00				11,1,1,0
3767	ok	s=9,m=11	0.01	0.29	0.29	1	253.3	253.3	14.5	1.00				13,1,1,0
3768	ok	s=9,m=11	0.03	0.28	0.30	1	252.2	252.2	14.4	1.00				20,1,1,0
3769	ok	s=9,m=11	0.03	0.30	0.32	1	252.2	252.2	14.4	1.00				22,1,1,0
3770	ok	s=9,m=11	0.02	0.28	0.29	1	252.2	252.2	14.4	1.00				11,1,1,0
3771	ok	s=9,m=11	0.03	0.32	0.34	1	252.2	252.2	14.4	1.00				13,1,1,0
3772	ok	s=24,m=11	0.09	0.27	0.28	1	262.2	522.7	29.8	0.97				11,14,14,0
3773	ok	s=26,m=11	0.03	0.27	0.43	1	462.6	462.6	97.1	0.58				11,10,10,0
3774	ok	s=26,m=11	5.00e-03	0.57	0.47	1	417.9	417.9	87.7	0.66				1,10,7,0
3775	ok	s=1,m=11	0.09	0.15	0.12	1	256.4	256.4	14.6	1.00				12,13,12,0
3776	ok	s=1,m=11	0.02	0.10	0.05	1	256.4	256.4	14.6	1.00				1,1,13,0
3777	ok	s=24,m=11	0.11	0.29	0.30	1	262.2	522.7	29.8	0.97				19,17,17,0
3778	ok	s=26,m=11	0.04	0.24	0.41	1	462.6	462.6	97.1	0.58				19,9,9,0
3779	ok	s=26,m=11	7.98e-03	0.54	0.44	1	417.9	417.9	87.7	0.66				13,13,16,0
3780	ok	s=1,m=11	0.10	0.16	0.12	1	256.4	256.4	14.6	1.00				19,22,19,0
3781	ok	s=1,m=11	0.02	0.10	0.06	1	256.4	256.4	14.6	1.00				1,1,22,0
3782	ok	s=5,m=11	0.01	0.27	0.27	1	254.6	254.6	14.5	1.00				21,1,1,0
3783	ok	s=5,m=11	0.02	0.26	0.25	1	254.6	254.6	14.5	1.00				22,1,1,0
3784	ok	s=5,m=11	0.01	0.27	0.27	1	254.6	254.6	14.5	1.00				14,1,1,0
3785	ok	s=5,m=11	0.02	0.26	0.25	1	254.6	254.6	14.5	1.00				13,1,1,0
3786	ok	s=9,m=11	0.01	0.30	0.30	1	251.3	251.3	14.3	1.00				20,1,1,0
3787	ok	s=9,m=11	0.02	0.32	0.31	1	251.3	251.3	14.3	1.00				22,1,1,0
3788	ok	s=9,m=11	0.01	0.30	0.30	1	251.3	251.3	14.3	1.00				11,1,1,0
3789	ok	s=9,m=11	0.01	0.33	0.32	1	251.3	251.3	14.3	1.00				13,1,1,0
3790	ok	s=5,m=11	0.01	0.30	0.29	1	253.3	253.3	14.5	1.00				21,1,1,0
3791	ok	s=5,m=11	0.02	0.31	0.31	1	253.3	253.3	14.5	1.00				22,1,1,0
3792	ok	s=5,m=11	0.01	0.30	0.29	1	253.3	253.3	14.5	1.00				14,1,1,0
3793	ok	s=5,m=11	0.02	0.31	0.31	1	253.3	253.3	14.5	1.00				13,1,1,0
3794	ok	s=9,m=11	0.01	0.34	0.34	1	250.6	250.6	14.3	1.00				20,1,1,0
3795	ok	s=9,m=11	0.01	0.33	0.33	1	250.6	250.6	14.3	1.00				19,1,1,0
3796	ok	s=9,m=11	0.01	0.34	0.34	1	250.6	250.6	14.3	1.00				11,1,1,0
3797	ok	s=9,m=11	0.01	0.34	0.33	1	250.6	250.6	14.3	1.00				12,1,1,0
3798	ok	s=24,m=11	0.09	0.26	0.28	1	260.4	522.7	29.8	0.97				11,10,13,0
3799	ok	s=26,m=11	0.03	0.12	0.20	1	508.3	508.3	106.7	0.51				12,16,13,0
3800	ok	s=26,m=11	0.02	0.23	0.25	1	461.6	461.6	96.9	0.59				19,17,12,0
3801	ok	s=1,m=11	0.09	0.15	0.13	1	254.6	254.6	14.5	1.00				12,14,11,0

Trave	Stato	Note	V V/T	V N/M	V stab	Classe	B22xL	B33xL	Snellezza	Chi mn	V flst	B11xL	Chi LT	Rif. cmb
3802	ok	s=1,m=11	0.02	0.18	0.17	1	254.6	254.6	14.5	1.00				1,1,1,0
3803	ok	s=24,m=11	0.11	0.25	0.27	1	260.4	522.7	29.8	0.97				19,17,22,0
3804	ok	s=26,m=11	0.04	0.19	0.17	1	508.3	508.3	106.7	0.51				19,7,22,0
3805	ok	s=26,m=11	0.03	0.25	0.33	1	461.6	461.6	96.9	0.59				20,12,19,0
3806	ok	s=1,m=11	0.10	0.15	0.12	1	254.6	254.6	14.5	1.00				19,21,20,0
3807	ok	s=1,m=11	0.02	0.17	0.16	1	254.6	254.6	14.5	1.00				1,1,1,0
3808	ok	s=9,m=11	0.02	0.35	0.36	1	250.2	250.2	14.3	1.00				20,1,1,0
3809	ok	s=9,m=11	0.02	0.35	0.35	1	250.2	250.2	14.3	1.00				22,1,1,0
3810	ok	s=9,m=11	0.02	0.36	0.36	1	250.2	250.2	14.3	1.00				11,1,1,0
3811	ok	s=9,m=11	0.01	0.36	0.36	1	250.2	250.2	14.3	1.00				12,1,1,0
3812	ok	s=9,m=11	0.01	0.35	0.34	1	250.0	250.0	14.3	1.00				1,1,1,0
3813	ok	s=9,m=11	0.01	0.36	0.35	1	250.0	250.0	14.3	1.00				1,1,1,0
3814	ok	s=9,m=11	0.01	0.35	0.34	1	250.0	250.0	14.3	1.00				1,1,1,0
3815	ok	s=9,m=11	0.01	0.36	0.36	1	250.0	250.0	14.3	1.00				1,1,1,0
3816	ok	s=5,m=11	0.02	0.32	0.33	1	252.2	252.2	14.4	1.00				21,1,1,0
3817	ok	s=5,m=11	0.03	0.33	0.33	1	252.2	252.2	14.4	1.00				22,1,1,0
3818	ok	s=5,m=11	0.02	0.32	0.33	1	252.2	252.2	14.4	1.00				14,1,1,0
3819	ok	s=5,m=11	0.03	0.33	0.33	1	252.2	252.2	14.4	1.00				13,1,1,0
3820	ok	s=24,m=11	0.10	0.22	0.25	1	256.5	763.6	43.6	0.92				12,13,13,0
3821	ok	s=26,m=11	0.04	0.15	0.23	1	542.8	542.8	113.9	0.46				12,19,17,0
3822	ok	s=26,m=11	0.03	0.16	0.18	1	507.7	507.7	106.5	0.51				11,19,16,0
3823	ok	s=1,m=11	0.09	0.12	0.13	1	253.3	253.3	14.5	1.00				12,12,11,0
3824	ok	s=1,m=11	0.02	0.33	0.34	1	253.3	253.3	14.5	1.00				1,1,1,0
3825	ok	s=24,m=11	0.10	0.20	0.22	1	256.5	763.6	43.6	0.92				19,22,22,0
3826	ok	s=26,m=11	0.04	0.22	0.23	1	542.8	542.8	113.9	0.46				19,12,13,0
3827	ok	s=26,m=11	0.03	0.24	0.27	1	507.7	507.7	106.5	0.51				20,12,19,0
3828	ok	s=1,m=11	0.09	0.12	0.12	1	253.3	253.3	14.5	1.00				19,19,20,0
3829	ok	s=1,m=11	0.02	0.32	0.33	1	253.3	253.3	14.5	1.00				1,1,1,0
3830	ok	s=5,m=11	0.01	0.35	0.34	1	251.3	251.3	14.3	1.00				20,1,1,0
3831	ok	s=5,m=11	0.01	0.33	0.32	1	251.3	251.3	14.3	1.00				22,1,1,0
3832	ok	s=5,m=11	0.01	0.35	0.34	1	251.3	251.3	14.3	1.00				11,1,1,0
3833	ok	s=5,m=11	0.01	0.32	0.32	1	251.3	251.3	14.3	1.00				13,1,1,0
3834	ok	s=5,m=11	9.07e-03	0.36	0.36	1	250.6	250.6	14.3	1.00				20,1,1,0
3835	ok	s=5,m=11	9.31e-03	0.34	0.35	1	250.6	250.6	14.3	1.00				22,1,1,0
3836	ok	s=5,m=11	8.51e-03	0.36	0.36	1	250.6	250.6	14.3	1.00				11,1,1,0
3837	ok	s=5,m=11	8.26e-03	0.34	0.34	1	250.6	250.6	14.3	1.00				13,1,1,0
3838	ok	s=24,m=11	0.09	0.22	0.26	1	253.9	763.6	43.6	0.92				12,13,13,0
3839	ok	s=26,m=11	0.04	0.24	0.41	1	568.9	568.9	119.4	0.43				12,1,1,0
3840	ok	s=26,m=11	0.04	0.22		1								11,22,0,0
3841	ok	s=1,m=11	0.08	0.11	0.12	1	252.2	252.2	14.4	1.00				12,8,11,0
3842	ok	s=1,m=11	0.03	0.39	0.39	1	252.2	252.2	14.4	1.00				1,1,1,0
3843	ok	s=24,m=11	0.09	0.19	0.21	1	253.9	763.6	43.6	0.92				19,22,22,0
3844	ok	s=26,m=11	0.03	0.25	0.37	1	568.9	568.9	119.4	0.43				19,19,1,0
3845	ok	s=26,m=11	0.03	0.25	0.19	1	542.2	542.2	113.8	0.46				20,13,12,0
3846	ok	s=1,m=11	0.08	0.11	0.11	1	252.2	252.2	14.4	1.00				19,15,20,0
3847	ok	s=1,m=11	0.03	0.39	0.38	1	252.2	252.2	14.4	1.00				1,1,1,0
3848	ok	s=5,m=11	0.01	0.38	0.39	1	250.2	250.2	14.3	1.00				21,1,1,0
3849	ok	s=5,m=11	0.01	0.35	0.36	1	250.2	250.2	14.3	1.00				22,1,1,0
3850	ok	s=5,m=11	0.01	0.38	0.39	1	250.2	250.2	14.3	1.00				11,1,1,0
3851	ok	s=5,m=11	0.01	0.35	0.36	1	250.2	250.2	14.3	1.00				13,1,1,0
3852	ok	s=5,m=11	0.01	0.39	0.38	1	250.0	250.0	14.3	1.00				1,1,1,0
3853	ok	s=5,m=11	0.01	0.35	0.35	1	250.0	250.0	14.3	1.00				1,1,1,0
3854	ok	s=5,m=11	0.01	0.39	0.38	1	250.0	250.0	14.3	1.00				1,1,1,0
3855	ok	s=5,m=11	0.01	0.35	0.35	1	250.0	250.0	14.3	1.00				1,1,1,0
3856	ok	s=24,m=11	0.08	0.27	0.26	1	253.1	763.6	43.6	0.92				12,1,1,0
3857	ok	s=26,m=11	0.03	0.34	0.43	1	595.6	595.6	125.0	0.40				12,19,19,0
3858	ok	s=26,m=11	0.04	0.33		1								12,15,0,0
3859	ok	s=1,m=11	0.07	0.12	0.13	1	251.3	251.3	14.3	1.00				12,1,1,0
3860	ok	s=1,m=11	0.02	0.39	0.40	1	251.3	251.3	14.3	1.00				1,1,1,0
3861	ok	s=24,m=11	0.08	0.20	0.22	1	253.1	763.6	43.6	0.92				19,1,1,0
3862	ok	s=26,m=11	0.03	0.30	0.28	1	595.6	595.6	125.0	0.40				19,12,12,0
3863	ok	s=26,m=11	0.03	0.30		1								19,12,0,0
3864	ok	s=1,m=11	0.07	0.12	0.14	1	251.3	251.3	14.3	1.00				19,1,1,0
3865	ok	s=1,m=11	0.02	0.39	0.39	1	251.3	251.3	14.3	1.00				1,1,1,0
3866	ok	s=24,m=11	0.06	0.27	0.36	1	251.1	1503.2	85.8	0.67				12,1,1,0
3867	ok	s=26,m=11	0.02	0.34	0.34	1	609.0	609.0	127.8	0.38				12,20,12,0
3868	ok	s=26,m=11	0.03	0.30	0.25	1	595.3	595.3	124.9	0.40				12,7,12,0
3869	ok	s=1,m=11	0.05	0.11	0.12	1	250.6	250.6	14.3	1.00				12,1,1,0
3870	ok	s=1,m=11	0.01	0.44	0.46	1	250.6	250.6	14.3	1.00				1,1,1,0
3871	ok	s=24,m=11	0.06	0.22	0.29	1	251.1	1503.2	85.8	0.67				19,1,1,0
3872	ok	s=26,m=11	0.02	0.32	0.28	1	609.0	609.0	127.8	0.38				19,11,11,0
3873	ok	s=26,m=11	0.03	0.31	0.16	1	595.3	595.3	124.9	0.40				19,12,13,0
3874	ok	s=1,m=11	0.05	0.12	0.13	1	250.6	250.6	14.3	1.00				19,1,1,0

Trave	Stato	Note	V V/T	V N/M	V stab	Classe	B22xL	B33xL	Snellezza	Chi mn	V flst	B11xL	Chi LT	Rif. cmb
3875	ok	s=1,m=11	0.01	0.44	0.46	1	250.6	250.6	14.3	1.00				1,1,1,0
3876	ok	s=24,m=11	0.04	0.26	0.35	1	250.4	1503.2	85.8	0.67				12,1,1,0
3877	ok	s=26,m=11	0.01	0.34	0.29	1	617.9	617.9	129.7	0.38				15,12,1,0
3878	ok	s=26,m=11	0.02	0.33		1								12,20,0,0
3879	ok	s=1,m=11	0.04	0.14	0.14	1	250.2	250.2	14.3	1.00				12,1,1,0
3880	ok	s=1,m=11	0.01	0.47	0.48	1	250.2	250.2	14.3	1.00				1,1,1,0
3881	ok	s=24,m=11	0.04	0.23	0.30	1	250.4	1503.2	85.8	0.67				19,1,1,0
3882	ok	s=26,m=11	0.01	0.34	0.30	1	617.9	617.9	129.7	0.38				12,19,19,0
3883	ok	s=26,m=11	0.02	0.34	0.17	1	608.8	608.8	127.8	0.38				19,19,22,0
3884	ok	s=1,m=11	0.03	0.14	0.15	1	250.2	250.2	14.3	1.00				19,1,1,0
3885	ok	s=1,m=11	0.01	0.47	0.48	1	250.2	250.2	14.3	1.00				1,1,1,0
3886	ok	s=24,m=11	0.01	0.25	0.33	1	250.1	1503.2	85.8	0.67				12,1,1,0
3887	ok	s=26,m=11	0.01	0.34	0.21	1	622.4	622.4	130.6	0.37				19,12,13,0
3888	ok	s=26,m=11	0.01	0.36		1								7,20,0,0
3889	ok	s=1,m=11	0.01	0.19	0.19	1	250.0	250.0	14.3	1.00				12,1,1,0
3890	ok	s=1,m=11	9.92e-03	0.46	0.47	1	250.0	250.0	14.3	1.00				1,1,1,0
3891	ok	s=24,m=11	0.02	0.24	0.31	1	250.1	1503.2	85.8	0.67				19,1,1,0
3892	ok	s=26,m=11	0.01	0.33	0.26	1	622.4	622.4	130.6	0.37				19,19,12,0
3893	ok	s=26,m=11	0.01	0.35	0.20	1	617.9	617.9	129.7	0.38				15,7,14,0
3894	ok	s=1,m=11	0.01	0.19	0.19	1	250.0	250.0	14.3	1.00				19,1,1,0
3895	ok	s=1,m=11	9.63e-03	0.46	0.47	1	250.0	250.0	14.3	1.00				1,1,1,0
Trave			**V V/T**	**V N/M**	**V stab**		**B22xL**	**B33xL**	**Snellezza**	**Chi mn**	**V flst**	**B11xL**	**Chi LT**	
										0.37				
			0.14	0.99	0.98		1503.24		130.61					

Trave	v.Omeg	f.Om. N	Stato	V N/M	V stab	Rif. cmb	V.7.5.3	M Ed	V.7.5.4	N Ed	V.7.5.5	V Ed,G	V Ed,M
								daN cm		daN		daN	daN
3457							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3458							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3459							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3460							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3461							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3462							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3463							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3464							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3465							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3466							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3467							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3468							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3469							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3470							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3471							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3472							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3473							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3474							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3475							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3476							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3477							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3478							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3479							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3480							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3481							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3482							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3483							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3484							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3485							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3486							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3487							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3488							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3489							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3490							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3491							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3492							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3493							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3494							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3495							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3496							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3497							0.0	0.0	0.0	0.0	0.0	0.0	0.0

Trave	v.Omeg	f.Om. N	Stato	V N/M	V stab	Rif. cmb	V.7.5.3	M Ed	V.7.5.4	N Ed	V.7.5.5	V Ed,G	V Ed,M
3498							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3499							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3500							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3501							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3502							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3503							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3504							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3505							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3506							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3507							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3508							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3509							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3510							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3511							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3512							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3513							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3514							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3515							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3516							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3517							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3518							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3519							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3520							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3521							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3522							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3523							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3524							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3525							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3526							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3527							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3528							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3529							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3530							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3531							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3532							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3533							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3534							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3535							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3536							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3537							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3538							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3539							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3540							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3541							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3542							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3543							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3544							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3545							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3546							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3547							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3548							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3549							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3550							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3551							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3552							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3553							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3554							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3555							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3556							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3557							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3558							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3559							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3560							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3561							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3562							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3563							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3564							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3565							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3566							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3567							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3568							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3569							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3570							0.0	0.0	0.0	0.0	0.0	0.0	0.0

Trave	v.Omeg	f.Om. N	Stato	V N/M	V stab	Rif. cmb	V.7.5.3	M Ed	V.7.5.4	N Ed	V.7.5.5	V Ed,G	V Ed,M
3571							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3572							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3573							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3574							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3575							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3576							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3577							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3578							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3579							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3580							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3581							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3582							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3583							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3584							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3585							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3586							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3587							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3588							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3589							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3590							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3591							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3592							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3593							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3594							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3595							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3596							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3597							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3598							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3599							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3600							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3601							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3602							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3603							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3604							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3605							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3606							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3607							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3608							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3609							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3610							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3611							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3612							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3613							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3614							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3615							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3616							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3617							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3618							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3619							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3620							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3621							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3622							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3623							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3624							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3625							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3626							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3627							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3628							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3629							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3630							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3631							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3632							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3633							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3634							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3635							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3636							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3637							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3638							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3639							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3640							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3641							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3642							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3643							0.0	0.0	0.0	0.0	0.0	0.0	0.0

Trave	v.Omeg	f.Om. N	Stato	V N/M	V stab	Rif. cmb	V.7.5.3	M Ed	V.7.5.4	N Ed	V.7.5.5	V Ed,G	V Ed,M
3644							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3645							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3646							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3647							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3648							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3649							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3650							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3651							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3652							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3653							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3654							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3655							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3656							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3657							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3658							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3659							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3660							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3661							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3662							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3663							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3664							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3665							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3666							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3667							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3668							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3669							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3670							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3671							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3672							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3673							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3674							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3675							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3676							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3677							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3678							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3679							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3680							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3681							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3682							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3683							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3684							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3685							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3686							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3687							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3688							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3689							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3690							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3691							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3692							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3693							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3694							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3695							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3696							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3697							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3698							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3699							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3700							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3701							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3702							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3703							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3704							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3705							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3706							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3707							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3708							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3709							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3710							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3711							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3712							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3713							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3714							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3715							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3716							0.0	0.0	0.0	0.0	0.0	0.0	0.0

Trave	v.Omeg	f.Om. N	Stato	V N/M	V stab	Rif. cmb	V.7.5.3	M Ed	V.7.5.4	N Ed	V.7.5.5	V Ed,G	V Ed,M
3717							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3718							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3719							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3720							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3721							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3722							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3723							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3724							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3725							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3726							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3727							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3728							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3729							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3730							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3731							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3732							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3733							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3734							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3735							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3736							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3737							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3738							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3739							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3740							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3741							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3742							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3743							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3744							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3745							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3746							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3747							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3748							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3749							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3750							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3751							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3752							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3753							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3754							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3755							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3756							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3757							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3758							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3759							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3760							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3761							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3762							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3763							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3764							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3765							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3766							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3767							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3768							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3769							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3770							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3771							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3772							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3773							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3774							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3775							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3776							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3777							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3778							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3779							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3780							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3781							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3782							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3783							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3784							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3785							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3786							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3787							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3788							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3789							0.0	0.0	0.0	0.0	0.0	0.0	0.0

Trave	v.Omeg	f.Om. N	Stato	V N/M	V stab	Rif. cmb	V.7.5.3	M Ed	V.7.5.4	N Ed	V.7.5.5	V Ed,G	V Ed,M
3790							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3791							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3792							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3793							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3794							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3795							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3796							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3797							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3798							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3799							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3800							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3801							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3802							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3803							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3804							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3805							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3806							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3807							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3808							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3809							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3810							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3811							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3812							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3813							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3814							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3815							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3816							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3817							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3818							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3819							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3820							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3821							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3822							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3823							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3824							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3825							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3826							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3827							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3828							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3829							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3830							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3831							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3832							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3833							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3834							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3835							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3836							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3837							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3838							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3839							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3840							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3841							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3842							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3843							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3844							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3845							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3846							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3847							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3848							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3849							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3850							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3851							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3852							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3853							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3854							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3855							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3856							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3857							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3858							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3859							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3860							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3861							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3862							0.0	0.0	0.0	0.0	0.0	0.0	0.0

Trave	v.Omeg	f.Om. N	Stato	V N/M	V stab	Rif. cmb	V.7.5.3	M Ed	V.7.5.4	N Ed	V.7.5.5	V Ed,G	V Ed,M
3863							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3864							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3865							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3866							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3867							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3868							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3869							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3870							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3871							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3872							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3873							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3874							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3875							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3876							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3877							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3878							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3879							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3880							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3881							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3882							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3883							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3884							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3885							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3886							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3887							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3888							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3889							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3890							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3891							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3892							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3893							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3894							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3895							0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trave	v.Omeg			V N/M	V stab		V.7.5.3	M Ed	V.7.5.4	N Ed	V.7.5.5	V Ed,G	V Ed,M
								0.0		0.0		0.0	0.0
							0.0	0.0	0.0	0.0	0.0	0.0	0.0

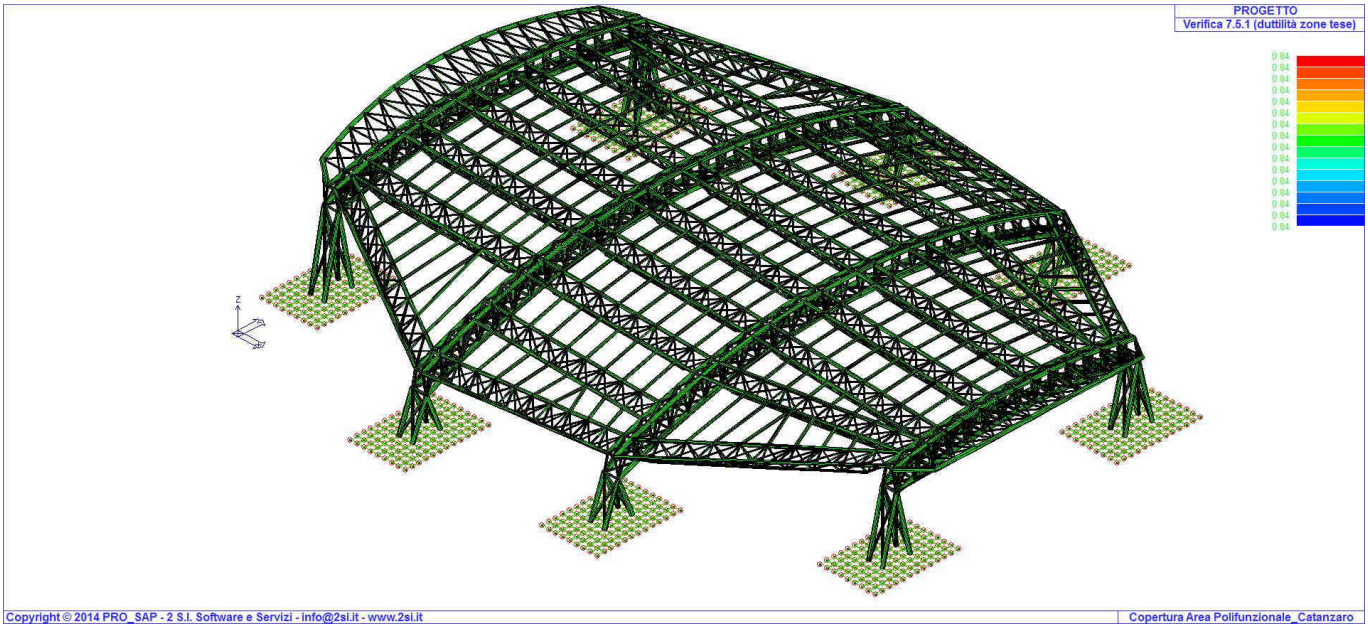
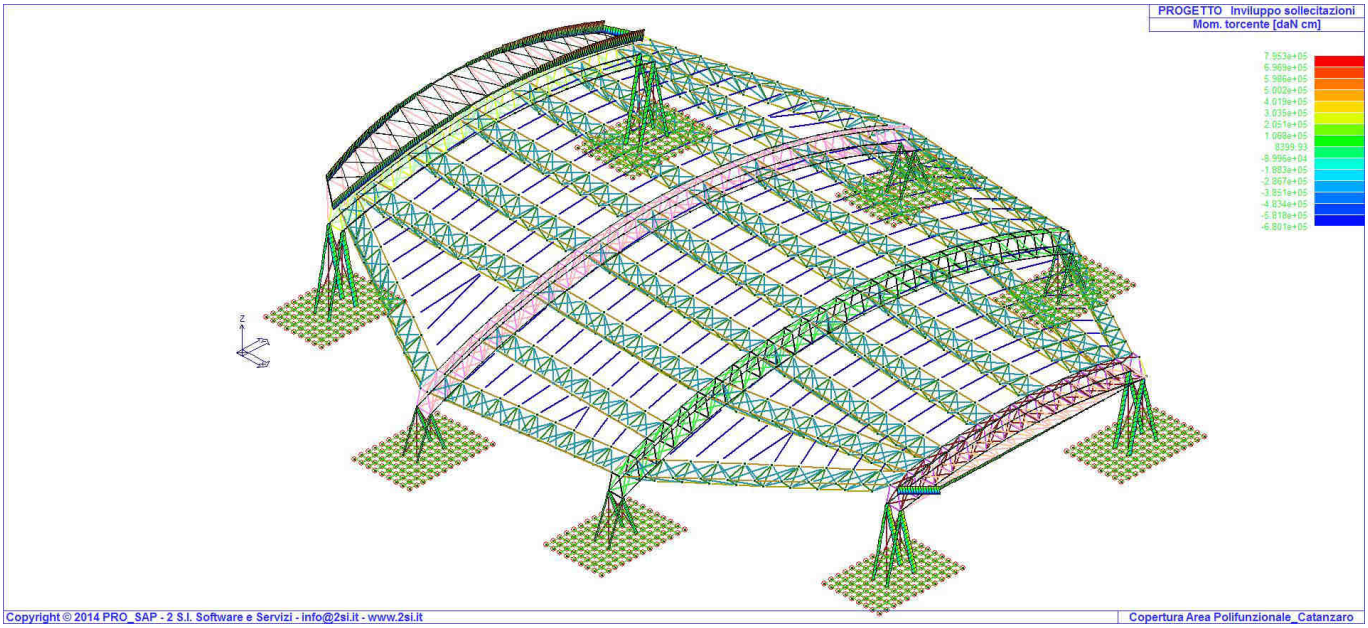


Fig. 1


PROGETTO Inviluppo sollecitazioni
Mom. torcente [daN cm]
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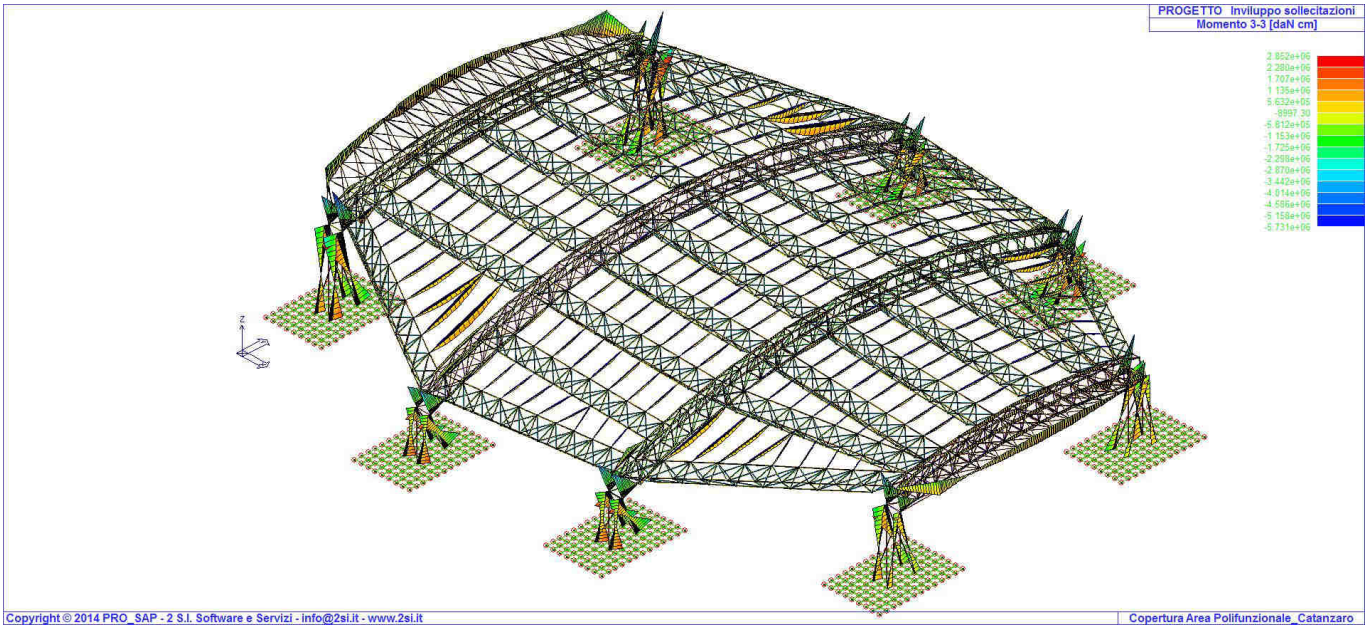
Copertura Area Polifunzionale_Catanzaro
Fig. 2


PROGETTO Inviluppo sollecitazioni
Momento 3-3 [daN cm]
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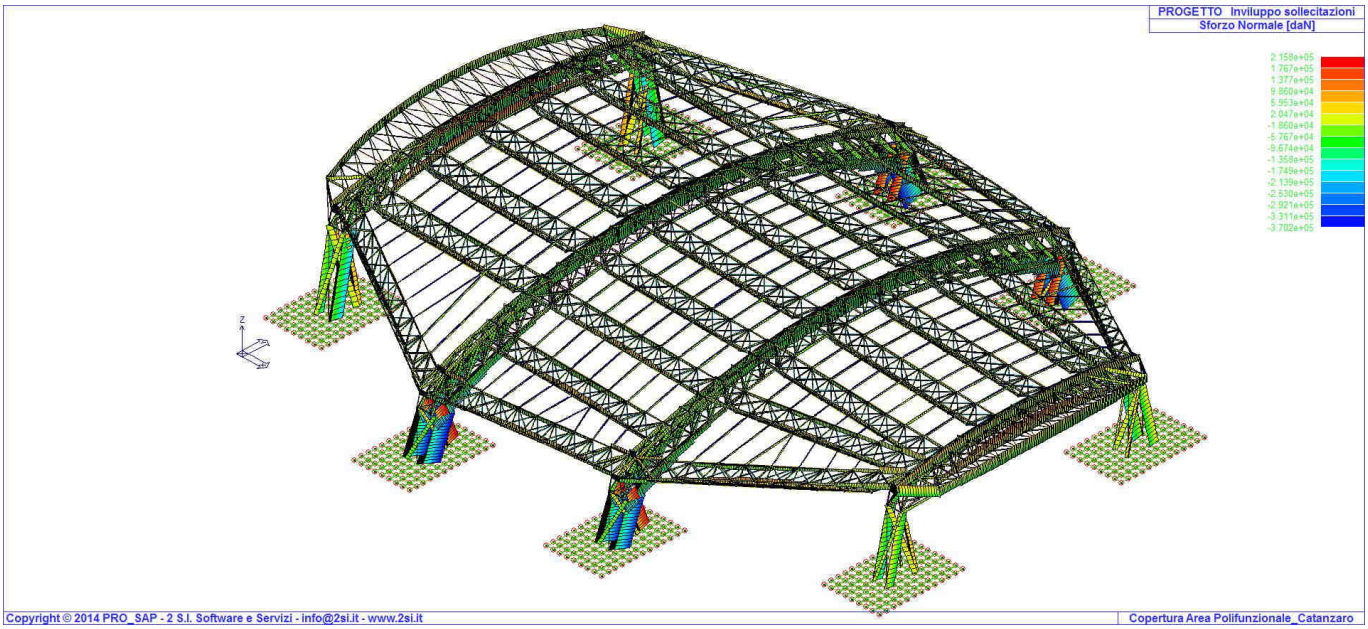
Copertura Area Polifunzionale_Catanzaro
Fig. 3


PROGETTO Inviluppo sollecitazioni
Sforzo Normale [daN]
2.158e+05
1.767e+05
1.377e+05
9.860e+04
5.953e+04
2.047e+04
-1.860e+04
-5.767e+04
-9.674e+04
-1.358e+05
-1.749e+05
-2.139e+05
-2.530e+05
-2.921e+05
-3.311e+05
-3.702e+05
Z
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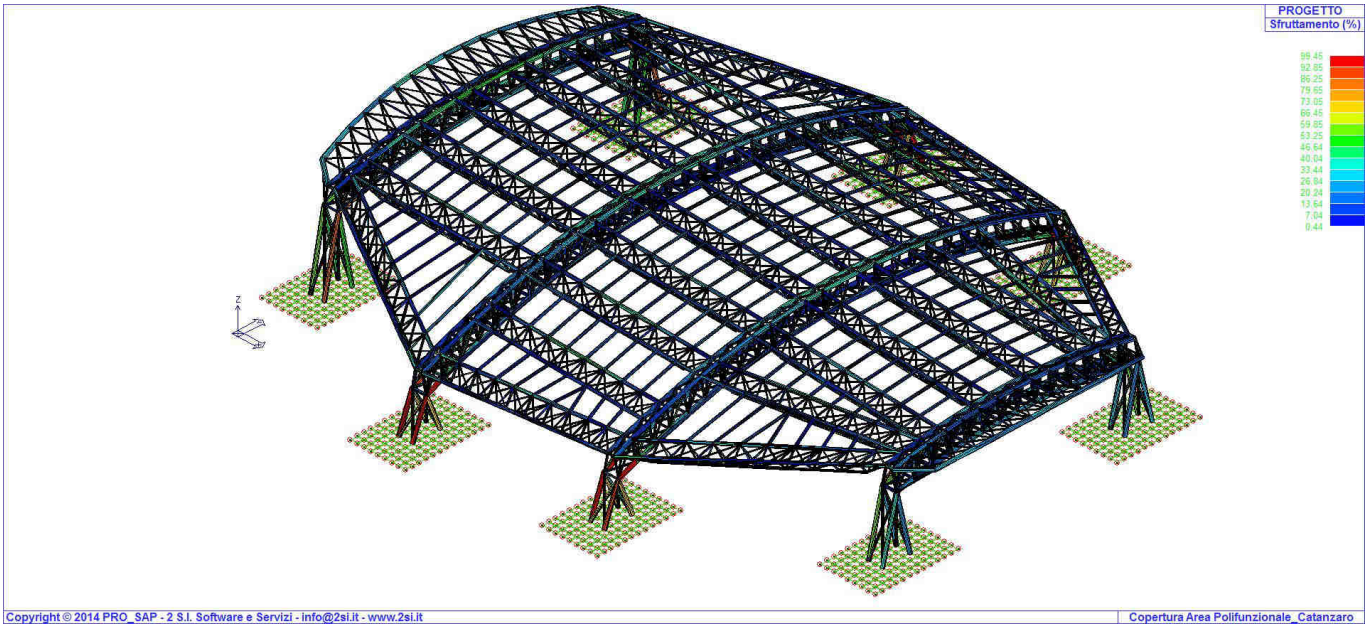
Copertura Area Polifunzionale_Catanzaro
Fig. 4


PROGETTO
Sfruttamento (%)
99.45
92.85
86.25
79.65
73.05
66.45
59.85
53.25
46.64
40.04
33.44
26.84
20.24
13.64
7.04
0.44
Z
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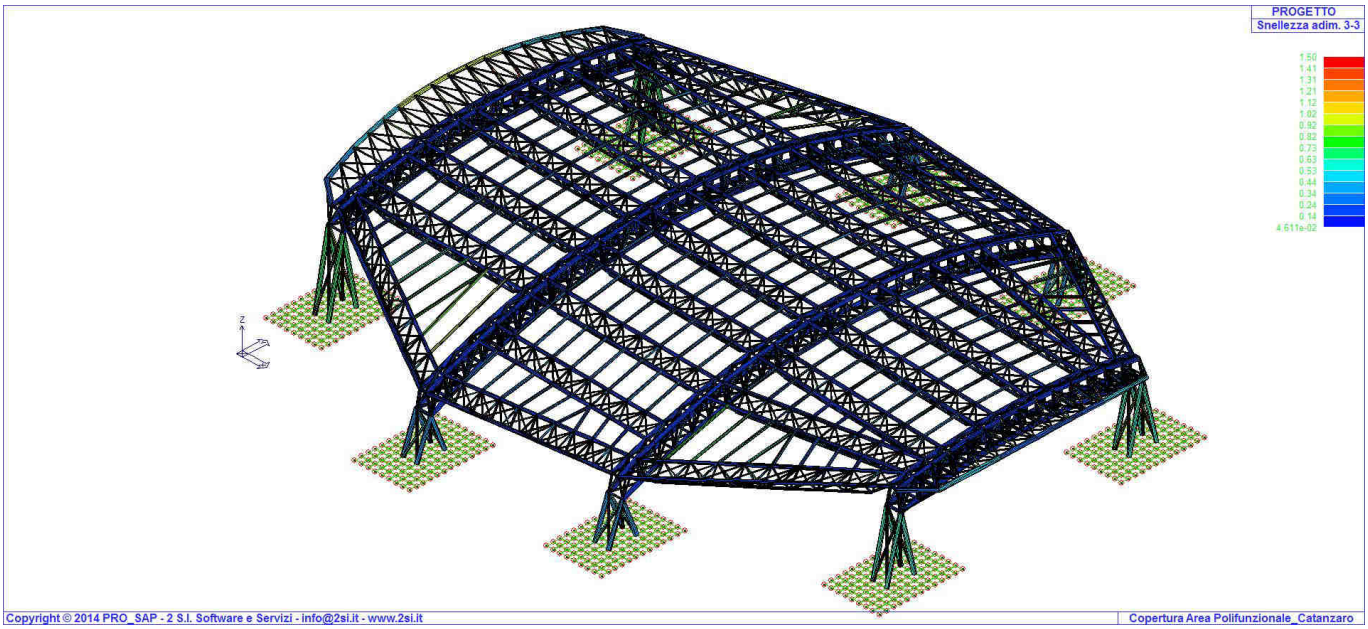
Copertura Area Polifunzionale_Catanzaro
Fig. 5


PROGETTO
Snellezza adim. 3-3
1.50
1.41
1.31
1.21
1.12
1.02
0.92
0.82
0.73
0.63
0.53
0.44
0.34
0.24
0.14
4.611e-02
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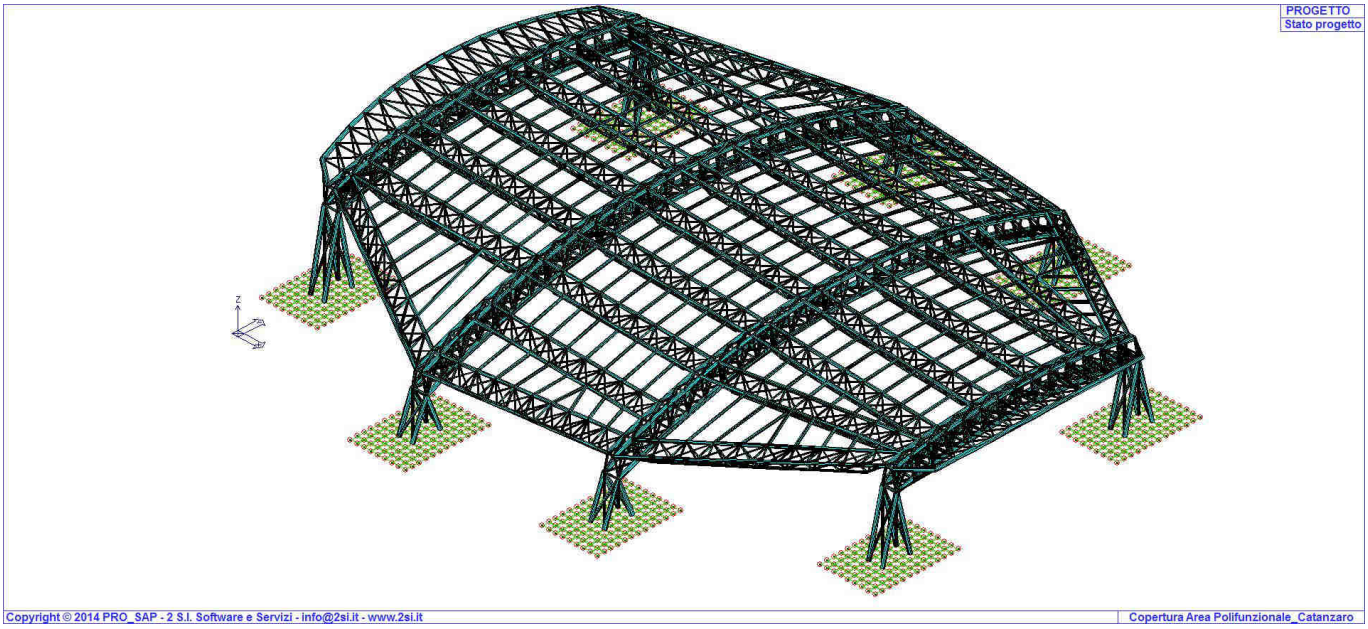
Copertura Area Polifunzionale_Catanzaro
Fig. 6


PROGETTO
Stato progetto
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Copertura Area Polifunzionale_Catanzaro
Fig. 7

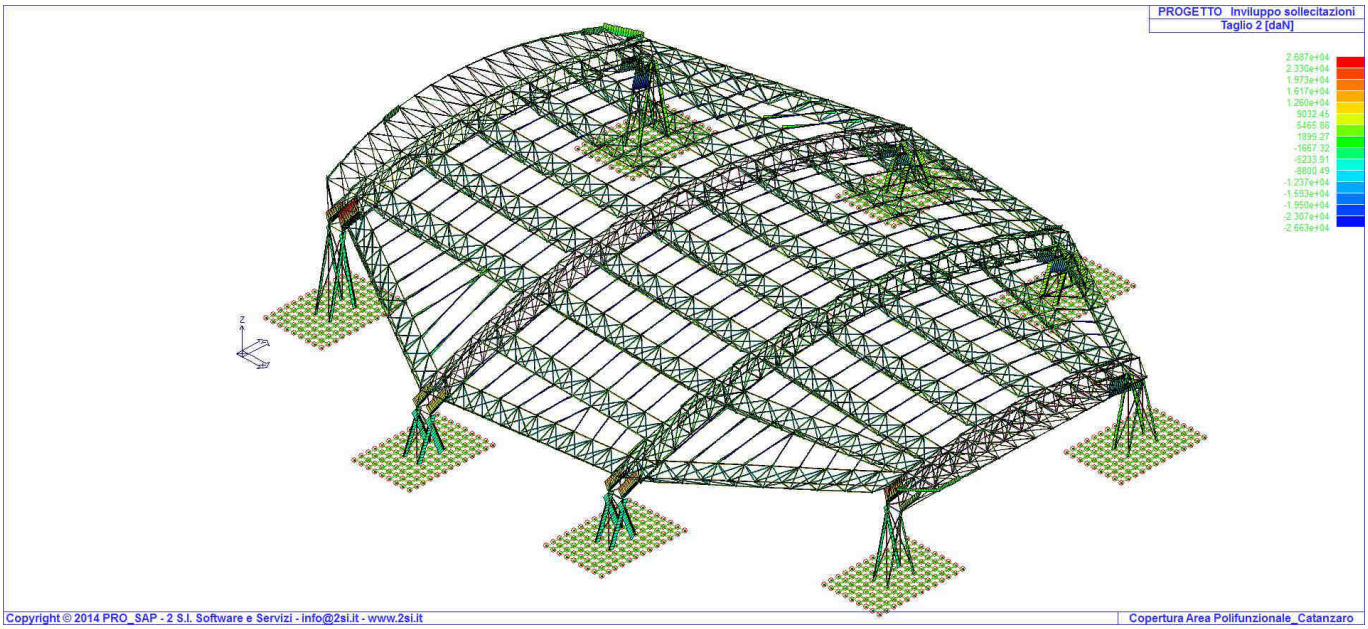
PROGETTO Inviluppo sollecitazioni
Taglio 2 [daN]
2.687e+04
2.339e+04
1.973e+04
1.617e+04
1.260e+04
9032.45
5466.86
1899.27
-1667.32
-5233.91
-8800.49
-1.237e+04
-1.593e+04
-1.950e+04
-2.307e+04
-2.663e+04
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Fig. 8

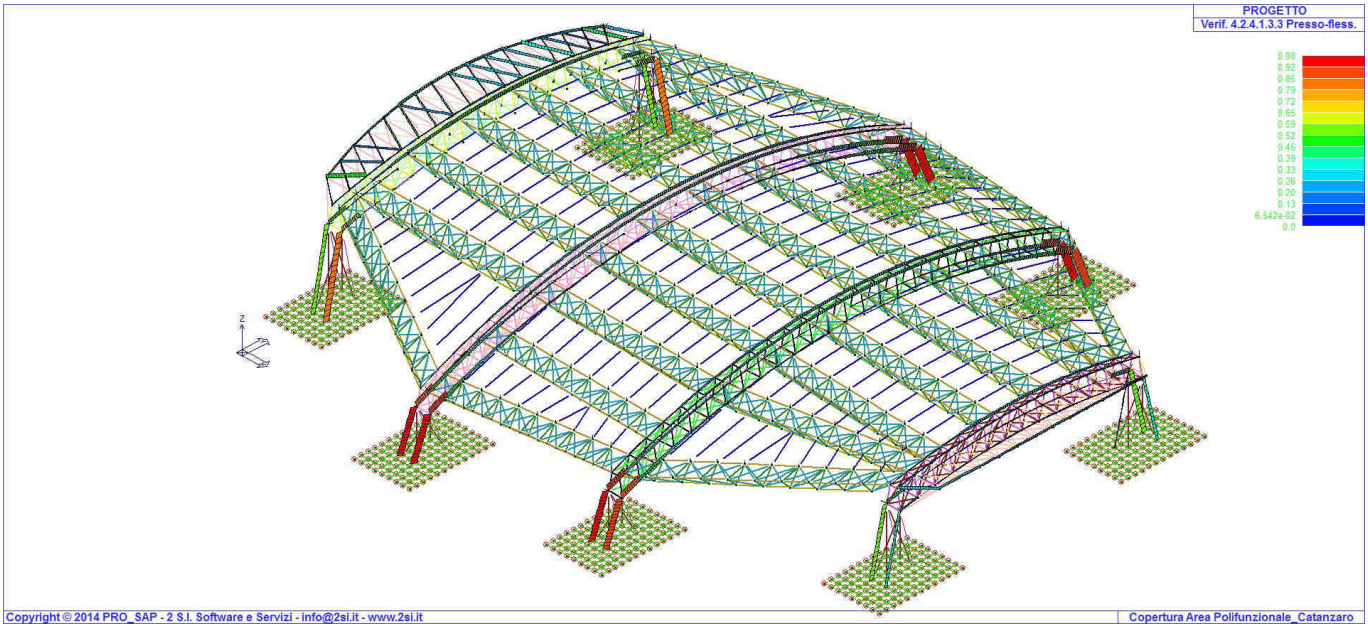
PROGETTO
Verif. 4.2.4.1.3.3 Presso-fless.
0.98
0.92
0.85
0.79
0.72
0.65
0.59
0.52
0.46
0.39
0.33
0.26
0.20
0.13
6.542e-02
0.0
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Fig. 9

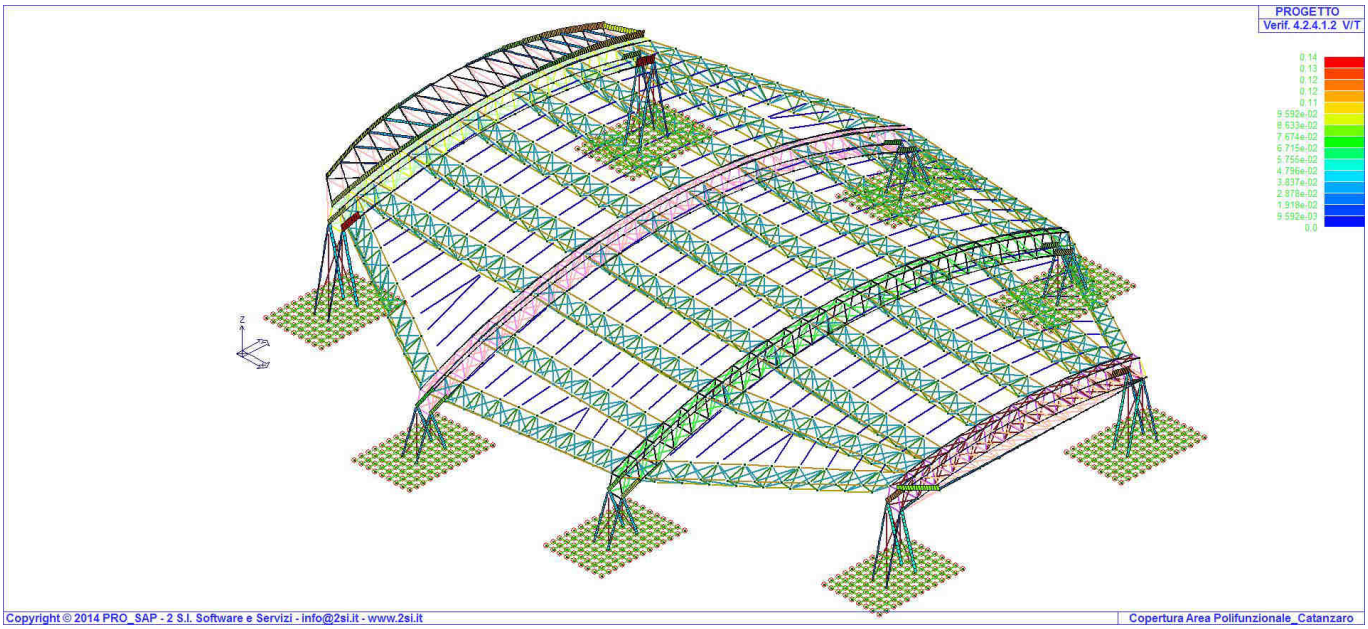
PROGETTO
Verif. 4.2.4.1.2 V/T
0.14
0.13
0.12
0.12
0.11
9.592e-02
8.633e-02
7.674e-02
6.715e-02
5.756e-02
4.796e-02
3.837e-02
2.878e-02
1.919e-02
9.592e-03
0.0
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Fig. 10

VERIFICHE PALO DI FONDAZIONE PIU SOLLECITATO

Nota: Le verifiche SLU per le cmb. di tipo sism. sono ottenute con sollecitazioni flettenti e taglianti amplificate per GammaRd = 1,10 (7.2.5 NTC)

Combinazioni di tipo: SLU
Sollecitazioni alla base del pilastro (forze daN; momenti daNcm):

Cmb.	Plinto	Vx	Vy	N	Mx	My	T
1.60	23,1	-4548,7	-18660,0	-465500,0	-3601,8	-55,1	
2.60	20,0	-3989,5	-15740,0	-408300,0	-3119,0	-49,8	
3.60	21,7	-4239,4	-17780,0	-433900,0	-3382,1	-50,5	
4.60	18,6	-3680,1	-14860,0	-376600,0	-2899,3	-45,1	
7.60	-18,0	-1889,6	-10060,0	-193500,0	1646,3	-598,4	
8.60	-15,8	-1933,6	-10120,0	-198000,0	1370,1	-532,8	
9.60	36,5	-1794,9	-9346,8	-183800,0	-4588,8	497,0	
10.60	38,7	-1838,9	-9404,3	-188300,0	-4865,0	562,6	
11.60	-18,0	-1889,3	-10060,0	-193400,0	1648,3	-598,4	
12.60	-15,8	-1933,9	-10120,0	-198000,0	1368,0	-532,8	
13.60	36,5	-1794,6	-9346,6	-183800,0	-4586,7	497,0	
14.60	38,7	-1839,2	-9404,5	-188300,0	-4867,0	562,6	
15.60	-19,0	-1890,5	-10050,0	-193600,0	1729,4	-579,9	
16.60	-16,8	-1934,5	-10110,0	-198000,0	1453,1	-514,3	
17.60	37,4	-1794,0	-9358,6	-183700,0	-4671,8	478,5	
18.60	39,7	-1838,0	-9416,1	-188200,0	-4948,1	544,1	
19.60	-19,0	-1890,2	-10050,0	-193500,0	1731,4	-579,9	
20.60	-16,7	-1934,8	-10110,0	-198100,0	1451,1	-514,3	
21.60	37,4	-1793,7	-9358,4	-183700,0	-4669,8	478,5	
22.60	39,7	-1838,3	-9416,3	-188200,0	-4950,1	544,1	
23.60	-1,5	-1805,1	-9745,1	-184900,0	-213,7	-291,5	
24.60	5,9	-1951,8	-9936,9	-199800,0	-1134,5	-72,9	
25.60	14,8	-1776,7	-9530,3	-182000,0	-2084,2	37,1	
26.60	22,2	-1923,4	-9722,1	-196900,0	-3005,0	255,7	
27.60	-1,8	-1805,4	-9741,6	-184900,0	-188,8	-286,0	
28.60	5,6	-1952,1	-9933,4	-199800,0	-1109,6	-67,4	
29.60	15,1	-1776,4	-9533,8	-181900,0	-2109,1	31,5	
30.60	22,5	-1923,1	-9725,6	-196900,0	-3029,9	250,1	
31.60	-1,6	-1804,0	-9744,5	-184800,0	-206,8	-291,5	
32.60	5,9	-1952,9	-9937,6	-199900,0	-1141,4	-72,9	
33.60	14,8	-1775,6	-9529,7	-181900,0	-2077,4	37,1	
34.60	22,3	-1924,5	-9722,7	-197000,0	-3011,9	255,7	
35.60	-1,9	-1804,3	-9741,0	-184800,0	-181,9	-286,0	
36.60	5,7	-1953,2	-9934,0	-199900,0	-1116,4	-67,4	
37.60	15,0	-1775,4	-9533,2	-181800,0	-2102,3	31,5	
38.60	22,6	-1924,2	-9726,3	-197000,0	-3036,8	250,1	

Materiali:
Acciaio: B450C
Fyk = 4500 daN/cmq
Calcestruzzo: C25/30
Rck = 300 daN/cmq
fctm = 25,6 daN/cmq

VERIFICHE PALI
Diametro palo = 30,0 cm
Armatura corrente: 6 Ø 16 = 12,1 cmq
Armatura a taglio: spirale Ø8/25
Materiali:
Acciaio: B450C
Fyk = 4500 daN/cmq
Calcestruzzo: C25/30
Rck = 300 daN/cmq

Verifiche SLU:

Ver. N/M = rapporto Sd/Su con sollecitazioni ultime proporzionali
Ver. (25)= rapporto Nd/Nu, dove Nu viene ottenuto con riduzione del 25% di fcd
Ver.V = verifica a taglio, rapporto Vrd/Vu
(Verifica positiva per valori inferiori a 1)

Cmb.	Palo	Quota(cm)	N(daN)	V(daN)	M(daNcm)	Ver. N/M	Ver.(25)	Ver.V
1	60	0,0	-18657,8	4548,8	465554,0	0,93	0,16	0,65
2	60	0,0	-15737,7	3989,5	408285,6	0,81	0,13	0,57
3	60	0,0	-17783,8	4239,4	433908,4	0,86	0,15	0,60

4	60	0,0	-14863,7	3680,1	376640,1	0,75	0,13	0,52
7	60	0,0	-10062,9	2078,6	212826,0	0,42	0,09	0,30
8	60	0,0	-10120,5	2127,0	217756,3	0,43	0,09	0,30
9	60	0,0	-9346,8	1974,8	202264,9	0,40	0,08	0,28
10	60	0,0	-9404,3	2023,3	207203,9	0,41	0,08	0,29
11	60	0,0	-10062,7	2078,3	212790,0	0,42	0,09	0,29
12	60	0,0	-10120,6	2127,4	217792,2	0,43	0,09	0,30
13	60	0,0	-9346,6	1974,4	202229,0	0,40	0,08	0,28
14	60	0,0	-9404,5	2023,6	207239,9	0,41	0,08	0,29
15	60	0,0	-10051,1	2079,6	212928,3	0,42	0,09	0,30
16	60	0,0	-10108,6	2128,0	217858,5	0,43	0,09	0,30
17	60	0,0	-9358,6	1973,8	202165,7	0,40	0,08	0,28
18	60	0,0	-9416,1	2022,3	207104,7	0,41	0,08	0,29
19	60	0,0	-10050,9	2079,3	212892,5	0,42	0,09	0,30
20	60	0,0	-10108,8	2128,4	217894,5	0,43	0,09	0,30
21	60	0,0	-9358,4	1973,5	202129,7	0,40	0,08	0,28
22	60	0,0	-9416,3	2022,6	207140,7	0,41	0,08	0,29
23	60	0,0	-9745,1	1985,6	203347,8	0,40	0,08	0,28
24	60	0,0	-9936,9	2147,0	219793,9	0,43	0,08	0,30
25	60	0,0	-9530,3	1954,4	200175,9	0,39	0,08	0,28
26	60	0,0	-9722,1	2115,9	216630,6	0,43	0,08	0,30
27	60	0,0	-9741,6	1985,9	203378,2	0,40	0,08	0,28
28	60	0,0	-9933,4	2147,3	219824,2	0,43	0,08	0,30
29	60	0,0	-9533,8	1954,1	200145,7	0,39	0,08	0,28
30	60	0,0	-9725,6	2115,6	216600,6	0,43	0,08	0,30
31	60	0,0	-9744,5	1984,4	203228,0	0,40	0,08	0,28
32	60	0,0	-9937,5	2148,2	219913,8	0,44	0,08	0,30
33	60	0,0	-9529,7	1953,3	200056,0	0,39	0,08	0,28
34	60	0,0	-9722,7	2117,1	216750,6	0,43	0,08	0,30
35	60	0,0	-9741,0	1984,7	203258,5	0,40	0,08	0,28
36	60	0,0	-9934,0	2148,5	219944,0	0,44	0,08	0,30
37	60	0,0	-9533,2	1953,0	200025,8	0,39	0,08	0,28
38	60	0,0	-9726,2	2116,8	216720,5	0,43	0,08	0,30
1	60	-28,3	-18625,1	4221,6	337795,8	0,66	0,16	0,60
2	60	-28,3	-15710,1	3702,5	296235,7	0,58	0,13	0,53
3	60	-28,3	-17752,6	3934,5	314839,2	0,62	0,15	0,56
4	60	-28,3	-14837,6	3415,4	273279,1	0,54	0,13	0,48
7	60	-28,3	-10045,3	1929,2	154444,4	0,30	0,09	0,27
8	60	-28,3	-10102,7	1974,1	158015,5	0,31	0,09	0,28
9	60	-28,3	-9330,4	1832,9	146800,5	0,29	0,08	0,26
10	60	-28,3	-9387,8	1877,8	150378,5	0,29	0,08	0,27
11	60	-28,3	-10045,1	1928,9	154418,3	0,30	0,09	0,27
12	60	-28,3	-10102,9	1974,4	158041,6	0,31	0,09	0,28
13	60	-28,3	-9330,2	1832,5	146774,3	0,29	0,08	0,26
14	60	-28,3	-9388,0	1878,2	150404,5	0,29	0,08	0,27
15	60	-28,3	-10033,5	1930,1	154518,8	0,30	0,09	0,27
16	60	-28,3	-10090,9	1975,0	158089,8	0,31	0,09	0,28
17	60	-28,3	-9342,2	1832,0	146728,3	0,29	0,08	0,26
18	60	-28,3	-9399,6	1876,9	150306,4	0,29	0,08	0,27
19	60	-28,3	-10033,3	1929,8	154492,7	0,30	0,09	0,27
20	60	-28,3	-10091,1	1975,3	158115,9	0,31	0,09	0,28
21	60	-28,3	-9342,0	1831,6	146702,2	0,29	0,08	0,26
22	60	-28,3	-9399,8	1877,3	150332,5	0,29	0,08	0,27
23	60	-28,3	-9728,0	1842,9	147579,2	0,29	0,08	0,26
24	60	-28,3	-9919,5	1992,6	159492,4	0,31	0,08	0,28
25	60	-28,3	-9513,6	1814,0	145283,2	0,28	0,08	0,26
26	60	-28,3	-9705,0	1963,8	157203,3	0,31	0,08	0,28
27	60	-28,3	-9724,5	1843,2	147601,3	0,29	0,08	0,26
28	60	-28,3	-9916,0	1992,9	159514,4	0,31	0,08	0,28
29	60	-28,3	-9517,1	1813,7	145261,3	0,28	0,08	0,26
30	60	-28,3	-9708,6	1963,5	157181,4	0,31	0,08	0,28
31	60	-28,3	-9727,4	1841,8	147492,4	0,29	0,08	0,26
32	60	-28,3	-9920,1	1993,7	159579,3	0,31	0,08	0,28
33	60	-28,3	-9513,0	1812,9	145196,3	0,28	0,08	0,26
34	60	-28,3	-9705,7	1964,8	157290,2	0,31	0,08	0,28
35	60	-28,3	-9723,9	1842,1	147514,5	0,29	0,08	0,26
36	60	-28,3	-9916,6	1994,0	159601,3	0,31	0,08	0,28
37	60	-28,3	-9516,5	1812,6	145174,4	0,28	0,08	0,26
38	60	-28,3	-9709,2	1964,6	157268,4	0,31	0,08	0,28
1	60	-56,7	-18574,4	3547,4	218184,9	0,42	0,16	0,50
2	60	-56,7	-15667,4	3111,2	191331,8	0,37	0,13	0,44
3	60	-56,7	-17704,3	3306,2	203362,8	0,40	0,15	0,47
4	60	-56,7	-14797,3	2870,0	176509,7	0,34	0,13	0,41
7	60	-56,7	-10018,0	1621,2	99784,1	0,20	0,09	0,23
8	60	-56,7	-10075,2	1658,9	102083,3	0,20	0,09	0,24
9	60	-56,7	-9305,0	1540,4	94870,7	0,19	0,08	0,22
10	60	-56,7	-9362,3	1578,1	97175,1	0,19	0,08	0,22

11	60	-56,7	-10017,8	1620,9	99767,3	0,20	0,09	0,23
12	60	-56,7	-10075,4	1659,2	102100,0	0,20	0,09	0,24
13	60	-56,7	-9304,8	1540,1	94853,8	0,19	0,08	0,22
14	60	-56,7	-9362,5	1578,4	97191,9	0,19	0,08	0,22
15	60	-56,7	-10006,2	1622,0	99832,2	0,20	0,09	0,23
16	60	-56,7	-10063,5	1659,7	102131,3	0,20	0,09	0,24
17	60	-56,7	-9316,8	1539,6	94823,9	0,19	0,08	0,22
18	60	-56,7	-9374,1	1577,4	97128,3	0,19	0,08	0,22
19	60	-56,7	-10006,0	1621,7	99815,5	0,20	0,09	0,23
20	60	-56,7	-10063,7	1660,0	102148,1	0,20	0,09	0,24
21	60	-56,7	-9316,6	1539,3	94807,0	0,19	0,08	0,22
22	60	-56,7	-9374,2	1577,6	97145,1	0,19	0,08	0,22
23	60	-56,7	-9701,6	1548,8	95364,6	0,19	0,08	0,22
24	60	-56,7	-9892,5	1674,5	103035,4	0,20	0,08	0,24
25	60	-56,7	-9487,7	1524,5	93888,4	0,19	0,08	0,22
26	60	-56,7	-9678,7	1650,3	101564,5	0,20	0,08	0,23
27	60	-56,7	-9698,1	1549,0	95378,9	0,19	0,08	0,22
28	60	-56,7	-9889,0	1674,7	103049,7	0,20	0,08	0,24
29	60	-56,7	-9491,2	1524,2	93874,2	0,19	0,08	0,22
30	60	-56,7	-9682,2	1650,0	101550,4	0,20	0,08	0,23
31	60	-56,7	-9701,0	1547,8	95308,6	0,19	0,08	0,22
32	60	-56,7	-9893,1	1675,4	103091,5	0,20	0,08	0,24
33	60	-56,7	-9487,1	1523,6	93832,3	0,19	0,08	0,22
34	60	-56,7	-9679,3	1651,2	101620,6	0,20	0,08	0,23
35	60	-56,7	-9697,5	1548,1	95322,9	0,19	0,08	0,22
36	60	-56,7	-9889,6	1675,6	103105,7	0,20	0,08	0,24
37	60	-56,7	-9490,6	1523,3	93818,1	0,19	0,08	0,22
38	60	-56,7	-9682,8	1650,9	101606,4	0,20	0,08	0,23
1	60	-85,0	-18506,1	2791,7	117676,0	0,26	0,16	0,40
2	60	-85,0	-15609,8	2448,3	103182,2	0,22	0,13	0,35
3	60	-85,0	-17639,2	2601,8	109688,7	0,24	0,15	0,37
4	60	-85,0	-14742,9	2258,5	95194,9	0,21	0,13	0,32
7	60	-85,0	-9981,1	1275,9	53849,6	0,12	0,08	0,18
8	60	-85,0	-10038,2	1305,6	55080,7	0,13	0,09	0,19
9	60	-85,0	-9270,8	1212,4	51229,8	0,12	0,08	0,17
10	60	-85,0	-9327,9	1242,1	52464,9	0,12	0,08	0,18
11	60	-85,0	-9980,9	1275,7	53840,6	0,12	0,08	0,18
12	60	-85,0	-10038,4	1305,8	55089,7	0,13	0,09	0,19
13	60	-85,0	-9270,6	1212,2	51220,8	0,12	0,08	0,17
14	60	-85,0	-9328,0	1242,3	52473,9	0,12	0,08	0,18
15	60	-85,0	-9969,4	1276,5	53875,7	0,12	0,08	0,18
16	60	-85,0	-10026,5	1306,2	55106,8	0,13	0,09	0,19
17	60	-85,0	-9282,5	1211,8	51204,3	0,12	0,08	0,17
18	60	-85,0	-9339,6	1241,5	52439,3	0,12	0,08	0,18
19	60	-85,0	-9969,2	1276,3	53866,7	0,12	0,08	0,18
20	60	-85,0	-10026,6	1306,4	55115,8	0,13	0,09	0,19
21	60	-85,0	-9282,3	1211,6	51195,2	0,12	0,08	0,17
22	60	-85,0	-9339,8	1241,7	52448,4	0,12	0,08	0,18
23	60	-85,0	-9665,9	1219,0	51483,8	0,12	0,08	0,17
24	60	-85,0	-9856,1	1317,8	55592,8	0,13	0,08	0,19
25	60	-85,0	-9452,8	1199,9	50696,3	0,12	0,08	0,17
26	60	-85,0	-9643,0	1298,8	54809,2	0,12	0,08	0,18
27	60	-85,0	-9662,4	1219,1	51491,6	0,12	0,08	0,17
28	60	-85,0	-9852,6	1318,0	55600,5	0,13	0,08	0,19
29	60	-85,0	-9456,3	1199,7	50688,6	0,12	0,08	0,17
30	60	-85,0	-9646,6	1298,6	54801,5	0,12	0,08	0,18
31	60	-85,0	-9665,3	1218,2	51453,7	0,12	0,08	0,17
32	60	-85,0	-9856,8	1318,5	55622,9	0,13	0,08	0,19
33	60	-85,0	-9452,2	1199,2	50666,2	0,12	0,08	0,17
34	60	-85,0	-9643,7	1299,5	54839,3	0,12	0,08	0,18
35	60	-85,0	-9661,8	1218,4	51461,5	0,12	0,08	0,17
36	60	-85,0	-9853,2	1318,7	55630,6	0,13	0,08	0,19
37	60	-85,0	-9455,7	1199,0	50658,4	0,12	0,08	0,17
38	60	-85,0	-9647,2	1299,3	54831,6	0,12	0,08	0,18
1	60	-113,3	-18432,4	2085,1	38587,7	0,16	0,16	0,30
2	60	-113,3	-15547,6	1828,6	33820,0	0,13	0,13	0,26
3	60	-113,3	-17569,0	1943,3	35978,0	0,15	0,15	0,28
4	60	-113,3	-14684,2	1686,9	31210,3	0,13	0,12	0,24
7	60	-113,3	-9941,4	953,1	17698,8	0,08	0,08	0,14
8	60	-113,3	-9998,2	975,2	18090,5	0,08	0,09	0,14
9	60	-113,3	-9233,9	905,7	16889,9	0,08	0,08	0,13
10	60	-113,3	-9290,7	927,9	17285,1	0,08	0,08	0,13
11	60	-113,3	-9941,2	952,9	17695,9	0,08	0,08	0,14
12	60	-113,3	-9998,4	975,4	18093,5	0,08	0,09	0,14
13	60	-113,3	-9233,7	905,6	16887,0	0,08	0,08	0,13
14	60	-113,3	-9290,9	928,0	17288,0	0,08	0,08	0,13
15	60	-113,3	-9929,7	953,6	17707,6	0,08	0,08	0,14

16	60	-113,3	-9986,5	975,7	18099,4	0,08	0,08	0,14
17	60	-113,3	-9245,5	905,3	16880,8	0,08	0,08	0,13
18	60	-113,3	-9302,4	927,4	17275,9	0,08	0,08	0,13
19	60	-113,3	-9929,5	953,4	17704,7	0,08	0,08	0,14
20	60	-113,3	-9986,7	975,8	18102,3	0,08	0,08	0,14
21	60	-113,3	-9245,4	905,1	16877,9	0,08	0,08	0,13
22	60	-113,3	-9302,6	927,6	17278,9	0,08	0,08	0,13
23	60	-113,3	-9627,4	910,6	16948,8	0,08	0,08	0,13
24	60	-113,3	-9816,9	984,3	18259,0	0,08	0,08	0,14
25	60	-113,3	-9415,2	896,4	16704,7	0,08	0,08	0,13
26	60	-113,3	-9604,7	970,2	18018,4	0,08	0,08	0,14
27	60	-113,3	-9623,9	910,7	16951,4	0,08	0,08	0,13
28	60	-113,3	-9813,4	984,5	18261,7	0,08	0,08	0,14
29	60	-113,3	-9418,7	896,3	16702,0	0,08	0,08	0,13
30	60	-113,3	-9608,2	970,0	18015,7	0,08	0,08	0,14
31	60	-113,3	-9626,8	910,1	16939,1	0,08	0,08	0,13
32	60	-113,3	-9817,5	984,9	18268,8	0,08	0,08	0,14
33	60	-113,3	-9414,6	895,8	16695,0	0,08	0,08	0,13
34	60	-113,3	-9605,3	970,7	18028,2	0,08	0,08	0,14
35	60	-113,3	-9623,3	910,2	16941,7	0,08	0,08	0,13
36	60	-113,3	-9814,0	985,0	18271,4	0,08	0,08	0,14
37	60	-113,3	-9418,1	895,7	16692,3	0,08	0,08	0,13
38	60	-113,3	-9608,8	970,6	18025,5	0,08	0,08	0,14
1	60	-141,7	-18360,7	1462,9	20523,8	0,14	0,16	0,21
2	60	-141,7	-15487,1	1282,9	18020,2	0,12	0,13	0,18
3	60	-141,7	-17500,6	1363,4	19115,5	0,14	0,15	0,19
4	60	-141,7	-14627,0	1183,5	16611,8	0,11	0,12	0,17
7	60	-141,7	-9902,7	668,8	9308,1	0,08	0,08	0,09
8	60	-141,7	-9959,3	684,3	9543,9	0,08	0,08	0,10
9	60	-141,7	-9197,9	635,7	8818,3	0,07	0,08	0,09
10	60	-141,7	-9254,6	651,2	9054,6	0,07	0,08	0,09
11	60	-141,7	-9902,5	668,7	9306,5	0,08	0,08	0,09
12	60	-141,7	-9959,5	684,4	9545,5	0,08	0,08	0,10
13	60	-141,7	-9197,8	635,5	8816,6	0,07	0,08	0,09
14	60	-141,7	-9254,7	651,3	9056,3	0,07	0,08	0,09
15	60	-141,7	-9891,0	669,1	9312,7	0,08	0,08	0,09
16	60	-141,7	-9947,7	684,6	9548,5	0,08	0,08	0,10
17	60	-141,7	-9209,6	635,3	8813,2	0,07	0,08	0,09
18	60	-141,7	-9266,2	650,8	9049,5	0,07	0,08	0,09
19	60	-141,7	-9890,9	669,0	9311,1	0,08	0,08	0,09
20	60	-141,7	-9947,9	684,7	9550,2	0,08	0,08	0,10
21	60	-141,7	-9209,4	635,2	8811,5	0,07	0,08	0,09
22	60	-141,7	-9266,4	651,0	9051,1	0,07	0,08	0,09
23	60	-141,7	-9590,0	639,0	8860,4	0,07	0,08	0,09
24	60	-141,7	-9778,7	690,7	9647,0	0,07	0,08	0,10
25	60	-141,7	-9378,5	629,1	8713,2	0,07	0,08	0,09
26	60	-141,7	-9567,3	680,7	9500,4	0,07	0,08	0,10
27	60	-141,7	-9586,5	639,1	8861,8	0,07	0,08	0,09
28	60	-141,7	-9775,2	690,8	9648,4	0,07	0,08	0,10
29	60	-141,7	-9382,0	629,0	8711,7	0,07	0,08	0,09
30	60	-141,7	-9570,8	680,7	9498,9	0,07	0,08	0,10
31	60	-141,7	-9589,3	638,7	8854,9	0,07	0,08	0,09
32	60	-141,7	-9779,3	691,0	9652,5	0,07	0,08	0,10
33	60	-141,7	-9377,9	628,7	8707,7	0,07	0,08	0,09
34	60	-141,7	-9567,9	681,1	9505,9	0,07	0,08	0,10
35	60	-141,7	-9585,9	638,8	8856,3	0,07	0,08	0,09
36	60	-141,7	-9775,8	691,1	9653,9	0,07	0,08	0,10
37	60	-141,7	-9381,4	628,6	8706,2	0,07	0,08	0,09
38	60	-141,7	-9571,4	681,0	9504,4	0,07	0,08	0,10
1	60	-170,0	-18291,9	938,8	61956,0	0,18	0,16	0,13
2	60	-170,0	-15429,1	823,2	54355,6	0,15	0,13	0,12
3	60	-170,0	-17435,0	875,0	57731,4	0,17	0,15	0,12
4	60	-170,0	-14572,2	759,4	50131,1	0,14	0,12	0,11
7	60	-170,0	-9865,6	429,3	28256,2	0,09	0,08	0,06
8	60	-170,0	-9922,0	439,2	28930,0	0,09	0,08	0,06
9	60	-170,0	-9163,5	408,1	26807,3	0,09	0,08	0,06
10	60	-170,0	-9219,9	418,0	27481,1	0,09	0,08	0,06
11	60	-170,0	-9865,4	429,2	28251,4	0,09	0,08	0,06
12	60	-170,0	-9922,2	439,3	28934,8	0,09	0,08	0,06
13	60	-170,0	-9163,3	408,0	26802,4	0,09	0,08	0,06
14	60	-170,0	-9220,1	418,1	27485,9	0,09	0,08	0,06
15	60	-170,0	-9854,0	429,5	28269,8	0,09	0,08	0,06
16	60	-170,0	-9910,4	439,4	28943,5	0,09	0,08	0,06
17	60	-170,0	-9175,1	407,9	26794,1	0,09	0,08	0,06
18	60	-170,0	-9231,5	417,8	27467,9	0,09	0,08	0,06
19	60	-170,0	-9853,8	429,4	28264,9	0,09	0,08	0,06
20	60	-170,0	-9910,6	439,5	28948,3	0,09	0,08	0,06

21	60	-170,0	-9174,9	407,8	26789,3	0,09	0,08	0,06
22	60	-170,0	-9231,6	417,9	27472,8	0,09	0,08	0,06
23	60	-170,0	-9554,0	410,3	26962,6	0,09	0,08	0,06
24	60	-170,0	-9742,1	443,3	29208,5	0,09	0,08	0,06
25	60	-170,0	-9343,4	403,9	26527,8	0,09	0,08	0,06
26	60	-170,0	-9531,4	437,0	28773,8	0,09	0,08	0,06
27	60	-170,0	-9550,6	410,3	26966,6	0,09	0,08	0,06
28	60	-170,0	-9738,6	443,4	29212,5	0,09	0,08	0,06
29	60	-170,0	-9346,9	403,8	26523,9	0,09	0,08	0,06
30	60	-170,0	-9534,9	436,9	28769,8	0,09	0,08	0,06
31	60	-170,0	-9553,4	410,0	26946,4	0,09	0,08	0,06
32	60	-170,0	-9742,7	443,5	29224,6	0,09	0,08	0,06
33	60	-170,0	-9342,8	403,7	26511,7	0,09	0,08	0,06
34	60	-170,0	-9532,0	437,2	28790,0	0,09	0,08	0,06
35	60	-170,0	-9549,9	410,1	26950,4	0,09	0,08	0,06
36	60	-170,0	-9739,2	443,6	29228,6	0,09	0,08	0,06
37	60	-170,0	-9346,3	403,6	26507,7	0,09	0,08	0,06
38	60	-170,0	-9535,5	437,1	28786,0	0,09	0,08	0,06
1	60	-198,3	-18226,1	514,4	88551,1	0,21	0,15	0,07
2	60	-198,3	-15373,6	451,0	77677,9	0,18	0,13	0,06
3	60	-198,3	-17372,3	479,5	82519,6	0,20	0,15	0,07
4	60	-198,3	-14519,8	416,1	71646,4	0,17	0,12	0,06
7	60	-198,3	-9830,1	235,3	40419,3	0,10	0,08	0,03
8	60	-198,3	-9886,3	240,7	41373,5	0,11	0,08	0,03
9	60	-198,3	-9130,5	223,9	38366,9	0,10	0,08	0,03
10	60	-198,3	-9186,7	229,3	39321,5	0,10	0,08	0,03
11	60	-198,3	-9829,9	235,3	40412,4	0,10	0,08	0,03
12	60	-198,3	-9886,5	240,8	41380,4	0,11	0,08	0,03
13	60	-198,3	-9130,3	223,8	38360,0	0,10	0,08	0,03
14	60	-198,3	-9186,9	229,3	39328,4	0,10	0,08	0,03
15	60	-198,3	-9818,5	235,5	40438,7	0,10	0,08	0,03
16	60	-198,3	-9874,7	240,9	41392,8	0,11	0,08	0,03
17	60	-198,3	-9142,0	223,8	38348,1	0,10	0,08	0,03
18	60	-198,3	-9198,2	229,2	39302,8	0,10	0,08	0,03
19	60	-198,3	-9818,3	235,4	40431,8	0,10	0,08	0,03
20	60	-198,3	-9874,9	240,9	41399,7	0,11	0,08	0,03
21	60	-198,3	-9141,9	223,7	38341,2	0,10	0,08	0,03
22	60	-198,3	-9198,4	229,2	39309,7	0,10	0,08	0,03
23	60	-198,3	-9519,6	225,0	38585,8	0,10	0,08	0,03
24	60	-198,3	-9707,0	243,0	41767,0	0,11	0,08	0,03
25	60	-198,3	-9309,8	221,5	37969,9	0,10	0,08	0,03
26	60	-198,3	-9497,1	239,5	41151,5	0,10	0,08	0,03
27	60	-198,3	-9516,2	225,0	38591,6	0,10	0,08	0,03
28	60	-198,3	-9703,5	243,0	41772,8	0,11	0,08	0,03
29	60	-198,3	-9313,2	221,5	37964,2	0,10	0,08	0,03
30	60	-198,3	-9500,6	239,5	41145,9	0,10	0,08	0,03
31	60	-198,3	-9519,0	224,9	38562,8	0,10	0,08	0,03
32	60	-198,3	-9707,6	243,1	41790,0	0,11	0,08	0,03
33	60	-198,3	-9309,2	221,4	37946,9	0,10	0,08	0,03
34	60	-198,3	-9497,7	239,7	41174,5	0,10	0,08	0,03
35	60	-198,3	-9515,6	224,9	38568,6	0,10	0,08	0,03
36	60	-198,3	-9704,1	243,1	41795,8	0,11	0,08	0,03
37	60	-198,3	-9312,6	221,4	37941,2	0,10	0,08	0,03
38	60	-198,3	-9501,2	239,6	41168,9	0,10	0,08	0,03
1	60	-226,7	-18163,2	184,3	103123,3	0,23	0,15	0,03
2	60	-226,7	-15320,5	161,6	90455,7	0,20	0,13	0,02
3	60	-226,7	-17312,3	171,9	96102,5	0,22	0,15	0,02
4	60	-226,7	-14469,7	149,1	83434,8	0,19	0,12	0,02
7	60	-226,7	-9796,1	84,5	47087,4	0,11	0,08	0,01
8	60	-226,7	-9852,2	86,4	48194,3	0,11	0,08	0,01
9	60	-226,7	-9099,0	80,6	44707,6	0,11	0,08	0,01
10	60	-226,7	-9155,0	82,5	45815,2	0,11	0,08	0,01
11	60	-226,7	-9796,0	84,5	47079,4	0,11	0,08	0,01
12	60	-226,7	-9852,3	86,4	48202,3	0,11	0,08	0,01
13	60	-226,7	-9098,8	80,5	44699,6	0,11	0,08	0,01
14	60	-226,7	-9155,2	82,5	45823,2	0,11	0,08	0,01
15	60	-226,7	-9784,6	84,5	47110,0	0,11	0,08	0,01
16	60	-226,7	-9840,7	86,4	48216,8	0,11	0,08	0,01
17	60	-226,7	-9110,5	80,5	44685,8	0,11	0,08	0,01
18	60	-226,7	-9166,5	82,4	45793,4	0,11	0,08	0,01
19	60	-226,7	-9784,5	84,5	47102,0	0,11	0,08	0,01
20	60	-226,7	-9840,8	86,4	48224,8	0,11	0,08	0,01
21	60	-226,7	-9110,3	80,5	44677,7	0,11	0,08	0,01
22	60	-226,7	-9166,7	82,4	45801,4	0,11	0,08	0,01
23	60	-226,7	-9486,8	80,9	44960,1	0,11	0,08	0,01
24	60	-226,7	-9673,5	87,2	48650,6	0,11	0,08	0,01
25	60	-226,7	-9277,6	79,7	44245,9	0,11	0,08	0,01

26	60	-226,7	-9464,4	86,0	47937,1	0,11	0,08	0,01
27	60	-226,7	-9483,3	80,9	44966,8	0,11	0,08	0,01
28	60	-226,7	-9670,1	87,2	48657,3	0,11	0,08	0,01
29	60	-226,7	-9281,1	79,7	44239,2	0,11	0,08	0,01
30	60	-226,7	-9467,8	86,0	47930,5	0,11	0,08	0,01
31	60	-226,7	-9486,2	80,8	44933,4	0,11	0,08	0,01
32	60	-226,7	-9674,1	87,2	48677,4	0,11	0,08	0,01
33	60	-226,7	-9277,0	79,6	44219,1	0,11	0,08	0,01
34	60	-226,7	-9465,0	86,1	47963,9	0,11	0,08	0,01
35	60	-226,7	-9482,7	80,8	44940,1	0,11	0,08	0,01
36	60	-226,7	-9670,7	87,2	48684,0	0,11	0,08	0,01
37	60	-226,7	-9280,5	79,6	44212,5	0,11	0,08	0,01
38	60	-226,7	-9468,4	86,0	47957,2	0,11	0,08	0,01
1	60	-255,0	-18103,2	61,0	108344,2	0,24	0,15	0,01
2	60	-255,0	-15269,9	53,6	95032,0	0,21	0,13	0,01
3	60	-255,0	-17255,2	56,8	100969,9	0,22	0,15	0,01
4	60	-255,0	-14421,9	49,4	87657,8	0,19	0,12	0,01
7	60	-255,0	-9763,8	27,6	49481,3	0,12	0,08	0,00
8	60	-255,0	-9819,6	28,3	50641,6	0,12	0,08	0,00
9	60	-255,0	-9068,9	26,1	46987,7	0,11	0,08	0,00
10	60	-255,0	-9124,8	26,9	48148,9	0,11	0,08	0,00
11	60	-255,0	-9763,6	27,6	49472,9	0,12	0,08	0,00
12	60	-255,0	-9819,8	28,3	50650,0	0,12	0,08	0,00
13	60	-255,0	-9068,8	26,1	46979,3	0,11	0,08	0,00
14	60	-255,0	-9125,0	26,9	48157,3	0,11	0,08	0,00
15	60	-255,0	-9752,3	27,6	49505,1	0,12	0,08	0,00
16	60	-255,0	-9808,2	28,3	50665,3	0,12	0,08	0,00
17	60	-255,0	-9080,4	26,1	46964,8	0,11	0,08	0,00
18	60	-255,0	-9136,2	26,8	48126,0	0,11	0,08	0,00
19	60	-255,0	-9752,2	27,6	49496,6	0,12	0,08	0,00
20	60	-255,0	-9808,3	28,3	50673,7	0,12	0,08	0,00
21	60	-255,0	-9080,2	26,1	46956,3	0,11	0,08	0,00
22	60	-255,0	-9136,4	26,8	48134,4	0,11	0,08	0,00
23	60	-255,0	-9455,5	26,2	47251,2	0,11	0,08	0,00
24	60	-255,0	-9641,6	28,6	51120,0	0,12	0,08	0,00
25	60	-255,0	-9247,0	25,8	46502,7	0,11	0,08	0,00
26	60	-255,0	-9433,1	28,2	50372,4	0,12	0,08	0,00
27	60	-255,0	-9452,0	26,2	47258,3	0,11	0,08	0,00
28	60	-255,0	-9638,1	28,6	51127,0	0,12	0,08	0,00
29	60	-255,0	-9250,4	25,8	46495,8	0,11	0,08	0,00
30	60	-255,0	-9436,5	28,2	50365,5	0,12	0,08	0,00
31	60	-255,0	-9454,9	26,2	47223,2	0,11	0,08	0,00
32	60	-255,0	-9642,2	28,6	51148,0	0,12	0,08	0,00
33	60	-255,0	-9246,4	25,8	46474,7	0,11	0,08	0,00
34	60	-255,0	-9433,7	28,2	50400,5	0,12	0,08	0,00
35	60	-255,0	-9451,4	26,2	47230,2	0,11	0,08	0,00
36	60	-255,0	-9638,7	28,6	51155,1	0,12	0,08	0,00
37	60	-255,0	-9249,9	25,8	46467,7	0,11	0,08	0,00
38	60	-255,0	-9437,1	28,2	50393,6	0,12	0,08	0,00
1	60	-283,3	-18046,2	232,6	106619,0	0,24	0,15	0,03
2	60	-283,3	-15221,8	204,1	93516,7	0,21	0,13	0,03
3	60	-283,3	-17200,8	216,7	99363,5	0,22	0,15	0,03
4	60	-283,3	-14376,4	188,2	86261,2	0,19	0,12	0,03
7	60	-283,3	-9733,0	106,1	48700,2	0,11	0,08	0,02
8	60	-283,3	-9788,7	108,6	49840,1	0,12	0,08	0,02
9	60	-283,3	-9040,4	100,6	46250,9	0,11	0,08	0,01
10	60	-283,3	-9096,0	103,2	47391,9	0,11	0,08	0,01
11	60	-283,3	-9732,9	106,1	48691,9	0,11	0,08	0,02
12	60	-283,3	-9788,9	108,6	49848,4	0,12	0,08	0,02
13	60	-283,3	-9040,2	100,6	46242,6	0,11	0,08	0,01
14	60	-283,3	-9096,2	103,2	47400,2	0,11	0,08	0,01
15	60	-283,3	-9721,6	106,1	48723,5	0,11	0,08	0,02
16	60	-283,3	-9777,3	108,7	49863,5	0,12	0,08	0,02
17	60	-283,3	-9051,8	100,6	46228,3	0,11	0,08	0,01
18	60	-283,3	-9107,4	103,1	47369,3	0,11	0,08	0,01
19	60	-283,3	-9721,4	106,1	48715,3	0,11	0,08	0,02
20	60	-283,3	-9777,4	108,7	49871,7	0,12	0,08	0,02
21	60	-283,3	-9051,6	100,6	46220,0	0,11	0,08	0,01
22	60	-283,3	-9107,6	103,1	47377,6	0,11	0,08	0,01
23	60	-283,3	-9425,7	101,2	46508,9	0,11	0,08	0,01
24	60	-283,3	-9611,2	109,7	50310,3	0,12	0,08	0,02
25	60	-283,3	-9217,9	99,6	45773,7	0,11	0,08	0,01
26	60	-283,3	-9403,4	108,0	49576,1	0,11	0,08	0,02
27	60	-283,3	-9422,2	101,2	46515,8	0,11	0,08	0,01
28	60	-283,3	-9607,8	109,7	50317,2	0,12	0,08	0,02
29	60	-283,3	-9221,3	99,6	45766,8	0,11	0,08	0,01
30	60	-283,3	-9406,8	108,0	49569,2	0,11	0,08	0,02

31	60	-283,3	-9425,1	101,1	46481,3	0,11	0,08	0,01
32	60	-283,3	-9611,8	109,7	50337,8	0,12	0,08	0,02
33	60	-283,3	-9217,3	99,5	45746,1	0,11	0,08	0,01
34	60	-283,3	-9404,0	108,1	49603,7	0,11	0,08	0,02
35	60	-283,3	-9421,6	101,2	46488,2	0,11	0,08	0,01
36	60	-283,3	-9608,3	109,7	50344,8	0,12	0,08	0,02
37	60	-283,3	-9220,7	99,5	45739,2	0,11	0,08	0,01
38	60	-283,3	-9407,4	108,1	49596,8	0,11	0,08	0,02
1	60	-311,7	-17992,0	343,0	100028,9	0,23	0,15	0,05
2	60	-311,7	-15176,1	300,9	87734,9	0,20	0,13	0,04
3	60	-311,7	-17149,2	319,6	93222,8	0,21	0,15	0,05
4	60	-311,7	-14333,3	277,5	80928,8	0,18	0,12	0,04
7	60	-311,7	-9703,8	156,5	45694,9	0,11	0,08	0,02
8	60	-311,7	-9759,3	160,2	46763,1	0,11	0,08	0,02
9	60	-311,7	-9013,2	148,6	43400,3	0,10	0,08	0,02
10	60	-311,7	-9068,7	152,3	44469,6	0,11	0,08	0,02
11	60	-311,7	-9703,7	156,5	45687,1	0,11	0,08	0,02
12	60	-311,7	-9759,5	160,3	46770,8	0,11	0,08	0,02
13	60	-311,7	-9013,1	148,6	43392,6	0,10	0,08	0,02
14	60	-311,7	-9068,9	152,3	44477,4	0,11	0,08	0,02
15	60	-311,7	-9692,4	156,6	45716,8	0,11	0,08	0,02
16	60	-311,7	-9747,9	160,3	46785,0	0,11	0,08	0,02
17	60	-311,7	-9024,6	148,5	43379,2	0,10	0,08	0,02
18	60	-311,7	-9080,1	152,2	44448,5	0,11	0,08	0,02
19	60	-311,7	-9692,3	156,6	45709,0	0,11	0,08	0,02
20	60	-311,7	-9748,1	160,3	46792,7	0,11	0,08	0,02
21	60	-311,7	-9024,5	148,5	43371,4	0,10	0,08	0,02
22	60	-311,7	-9080,3	152,2	44456,2	0,11	0,08	0,02
23	60	-311,7	-9397,4	149,4	43641,4	0,11	0,08	0,02
24	60	-311,7	-9582,3	161,8	47203,6	0,11	0,08	0,02
25	60	-311,7	-9190,2	147,1	42952,6	0,10	0,08	0,02
26	60	-311,7	-9375,2	159,4	46515,9	0,11	0,08	0,02
27	60	-311,7	-9394,0	149,5	43647,9	0,11	0,08	0,02
28	60	-311,7	-9578,9	161,8	47210,1	0,11	0,08	0,02
29	60	-311,7	-9193,6	147,0	42946,2	0,10	0,08	0,02
30	60	-311,7	-9378,6	159,4	46509,5	0,11	0,08	0,02
31	60	-311,7	-9396,8	149,4	43615,6	0,11	0,08	0,02
32	60	-311,7	-9582,9	161,9	47229,5	0,11	0,08	0,02
33	60	-311,7	-9189,6	147,0	42926,7	0,10	0,08	0,02
34	60	-311,7	-9375,8	159,5	46541,8	0,11	0,08	0,02
35	60	-311,7	-9393,4	149,4	43622,1	0,11	0,08	0,02
36	60	-311,7	-9579,5	161,9	47236,0	0,11	0,08	0,02
37	60	-311,7	-9193,0	146,9	42920,3	0,10	0,08	0,02
38	60	-311,7	-9379,2	159,5	46535,4	0,11	0,08	0,02
1	60	-340,0	-17940,8	403,9	90311,3	0,21	0,15	0,06
2	60	-340,0	-15132,9	354,3	79210,5	0,18	0,13	0,05
3	60	-340,0	-17100,4	376,4	84167,2	0,20	0,15	0,05
4	60	-340,0	-14292,5	326,8	73066,3	0,17	0,12	0,05
7	60	-340,0	-9676,2	184,4	41259,3	0,10	0,08	0,03
8	60	-340,0	-9731,5	188,8	42222,8	0,11	0,08	0,03
9	60	-340,0	-8987,6	175,1	39190,3	0,10	0,08	0,02
10	60	-340,0	-9042,9	179,5	40154,9	0,10	0,08	0,03
11	60	-340,0	-9676,0	184,4	41252,3	0,10	0,08	0,03
12	60	-340,0	-9731,7	188,8	42229,8	0,11	0,08	0,03
13	60	-340,0	-8987,4	175,1	39183,3	0,10	0,08	0,02
14	60	-340,0	-9043,1	179,5	40161,9	0,10	0,08	0,03
15	60	-340,0	-9664,8	184,5	41279,1	0,10	0,08	0,03
16	60	-340,0	-9720,2	188,9	42242,6	0,11	0,08	0,03
17	60	-340,0	-8998,9	175,0	39171,2	0,10	0,08	0,02
18	60	-340,0	-9054,3	179,4	40135,7	0,10	0,08	0,03
19	60	-340,0	-9664,7	184,5	41272,1	0,10	0,08	0,03
20	60	-340,0	-9720,3	188,9	42249,6	0,11	0,08	0,03
21	60	-340,0	-8998,8	175,0	39164,2	0,10	0,08	0,02
22	60	-340,0	-9054,4	179,4	40142,7	0,10	0,08	0,03
23	60	-340,0	-9370,6	176,1	39407,2	0,10	0,08	0,02
24	60	-340,0	-9555,1	190,6	42620,2	0,11	0,08	0,03
25	60	-340,0	-9164,0	173,3	38786,1	0,10	0,08	0,02
26	60	-340,0	-9348,5	187,8	42000,1	0,10	0,08	0,03
27	60	-340,0	-9367,2	176,1	39413,1	0,10	0,08	0,02
28	60	-340,0	-9551,6	190,6	42626,1	0,11	0,08	0,03
29	60	-340,0	-9167,4	173,3	38780,3	0,10	0,08	0,02
30	60	-340,0	-9351,9	187,7	41994,4	0,10	0,08	0,03
31	60	-340,0	-9370,0	176,0	39383,9	0,10	0,08	0,02
32	60	-340,0	-9555,6	190,7	42643,6	0,11	0,08	0,03
33	60	-340,0	-9163,4	173,2	38762,7	0,10	0,08	0,02
34	60	-340,0	-9349,1	187,9	42023,5	0,10	0,08	0,03
35	60	-340,0	-9366,6	176,0	39389,8	0,10	0,08	0,02

36	60	-340,0	-9552,2	190,7	42649,4	0,11	0,08	0,03
37	60	-340,0	-9166,9	173,2	38756,9	0,10	0,08	0,02
38	60	-340,0	-9352,5	187,8	42017,7	0,10	0,08	0,03
1	60	-368,3	-17892,4	426,5	78866,8	0,20	0,15	0,06
2	60	-368,3	-15092,1	374,1	69171,8	0,17	0,13	0,05
3	60	-368,3	-17054,3	397,5	73501,8	0,18	0,15	0,06
4	60	-368,3	-14254,0	345,1	63806,8	0,16	0,12	0,05
7	60	-368,3	-9650,1	194,8	36033,6	0,10	0,08	0,03
8	60	-368,3	-9705,3	199,3	36874,3	0,10	0,08	0,03
9	60	-368,3	-8963,4	185,0	34228,9	0,09	0,08	0,03
10	60	-368,3	-9018,5	189,5	35070,5	0,09	0,08	0,03
11	60	-368,3	-9649,9	194,7	36027,5	0,10	0,08	0,03
12	60	-368,3	-9705,5	199,4	36880,4	0,10	0,08	0,03
13	60	-368,3	-8963,2	184,9	34222,8	0,09	0,08	0,03
14	60	-368,3	-9018,7	189,6	35076,6	0,09	0,08	0,03
15	60	-368,3	-9638,8	194,9	36050,9	0,10	0,08	0,03
16	60	-368,3	-9694,0	199,4	36891,5	0,10	0,08	0,03
17	60	-368,3	-8974,7	184,9	34212,2	0,09	0,08	0,03
18	60	-368,3	-9029,9	189,4	35053,8	0,09	0,08	0,03
19	60	-368,3	-9638,6	194,8	36044,8	0,10	0,08	0,03
20	60	-368,3	-9694,1	199,5	36897,6	0,10	0,08	0,03
21	60	-368,3	-8974,5	184,8	34206,1	0,09	0,08	0,03
22	60	-368,3	-9030,0	189,5	35059,9	0,09	0,08	0,03
23	60	-368,3	-9345,4	186,0	34417,7	0,09	0,08	0,03
24	60	-368,3	-9529,3	201,2	37221,1	0,10	0,08	0,03
25	60	-368,3	-9139,3	183,1	33875,8	0,09	0,08	0,03
26	60	-368,3	-9323,3	198,3	36680,2	0,10	0,08	0,03
27	60	-368,3	-9342,0	186,0	34422,8	0,09	0,08	0,03
28	60	-368,3	-9525,9	201,3	37226,2	0,10	0,08	0,03
29	60	-368,3	-9142,7	183,0	33870,8	0,09	0,08	0,03
30	60	-368,3	-9326,7	198,3	36675,2	0,10	0,08	0,03
31	60	-368,3	-9344,8	185,9	34397,3	0,09	0,08	0,03
32	60	-368,3	-9529,9	201,3	37241,4	0,10	0,08	0,03
33	60	-368,3	-9138,8	182,9	33855,5	0,09	0,08	0,03
34	60	-368,3	-9323,9	198,4	36700,6	0,10	0,08	0,03
35	60	-368,3	-9341,4	185,9	34402,4	0,09	0,08	0,03
36	60	-368,3	-9526,5	201,4	37246,6	0,10	0,08	0,03
37	60	-368,3	-9142,2	182,9	33850,4	0,09	0,08	0,03
38	60	-368,3	-9327,3	198,4	36695,5	0,10	0,08	0,03
1	60	-396,7	-17847,0	420,5	66783,0	0,18	0,15	0,06
2	60	-396,7	-15053,8	368,8	58572,7	0,16	0,13	0,05
3	60	-396,7	-17010,9	391,9	62240,5	0,17	0,14	0,06
4	60	-396,7	-14217,8	340,2	54030,2	0,15	0,12	0,05
7	60	-396,7	-9625,6	192,1	30514,9	0,09	0,08	0,03
8	60	-396,7	-9680,6	196,6	31226,1	0,09	0,08	0,03
9	60	-396,7	-8940,6	182,4	28988,5	0,09	0,08	0,03
10	60	-396,7	-8995,6	186,9	29700,5	0,09	0,08	0,03
11	60	-396,7	-9625,4	192,0	30509,8	0,09	0,08	0,03
12	60	-396,7	-9680,8	196,6	31231,3	0,09	0,08	0,03
13	60	-396,7	-8940,4	182,4	28983,3	0,09	0,08	0,03
14	60	-396,7	-8995,8	186,9	29705,7	0,09	0,08	0,03
15	60	-396,7	-9614,3	192,2	30529,6	0,09	0,08	0,03
16	60	-396,7	-9669,3	196,7	31240,8	0,09	0,08	0,03
17	60	-396,7	-8951,9	182,3	28974,3	0,09	0,08	0,03
18	60	-396,7	-9006,9	186,8	29686,4	0,09	0,08	0,03
19	60	-396,7	-9614,1	192,1	30524,4	0,09	0,08	0,03
20	60	-396,7	-9669,5	196,7	31245,9	0,09	0,08	0,03
21	60	-396,7	-8951,7	182,3	28969,1	0,09	0,08	0,03
22	60	-396,7	-9007,1	186,9	29691,6	0,09	0,08	0,03
23	60	-396,7	-9321,6	183,4	29147,7	0,09	0,08	0,03
24	60	-396,7	-9505,1	198,4	31519,6	0,09	0,08	0,03
25	60	-396,7	-9116,1	180,5	28689,4	0,09	0,08	0,03
26	60	-396,7	-9299,6	195,5	31062,2	0,09	0,08	0,03
27	60	-396,7	-9318,2	183,5	29152,1	0,09	0,08	0,03
28	60	-396,7	-9501,7	198,4	31524,0	0,09	0,08	0,03
29	60	-396,7	-9119,5	180,5	28685,1	0,09	0,08	0,03
30	60	-396,7	-9303,0	195,5	31057,9	0,09	0,08	0,03
31	60	-396,7	-9321,0	183,3	29130,5	0,09	0,08	0,03
32	60	-396,7	-9505,7	198,5	31536,9	0,09	0,08	0,03
33	60	-396,7	-9115,5	180,4	28672,2	0,09	0,08	0,03
34	60	-396,7	-9300,2	195,6	31079,4	0,09	0,08	0,03
35	60	-396,7	-9317,7	183,3	29134,8	0,09	0,08	0,03
36	60	-396,7	-9502,3	198,6	31541,2	0,09	0,08	0,03
37	60	-396,7	-9118,9	180,4	28667,9	0,09	0,08	0,03
38	60	-396,7	-9303,6	195,6	31075,1	0,09	0,08	0,03
1	60	-425,0	-17804,4	394,4	54868,8	0,17	0,15	0,06
2	60	-425,0	-15017,9	346,0	48122,6	0,14	0,13	0,05

3	60	-425,0	-16970,3	367,6	51137,1	0,16	0,14	0,05
4	60	-425,0	-14183,8	319,1	44390,9	0,14	0,12	0,05
7	60	-425,0	-9602,6	180,2	25072,9	0,09	0,08	0,03
8	60	-425,0	-9657,5	184,4	25656,8	0,09	0,08	0,03
9	60	-425,0	-8919,2	171,1	23820,2	0,08	0,08	0,02
10	60	-425,0	-8974,1	175,4	24404,8	0,08	0,08	0,02
11	60	-425,0	-9602,5	180,2	25068,7	0,09	0,08	0,03
12	60	-425,0	-9657,7	184,4	25661,0	0,09	0,08	0,03
13	60	-425,0	-8919,1	171,1	23816,0	0,08	0,08	0,02
14	60	-425,0	-8974,3	175,4	24409,0	0,08	0,08	0,02
15	60	-425,0	-9591,4	180,3	25085,0	0,09	0,08	0,03
16	60	-425,0	-9646,3	184,5	25668,8	0,09	0,08	0,03
17	60	-425,0	-8930,5	171,1	23808,6	0,08	0,08	0,02
18	60	-425,0	-8985,4	175,3	24393,2	0,08	0,08	0,02
19	60	-425,0	-9591,2	180,2	25080,7	0,09	0,08	0,03
20	60	-425,0	-9646,4	184,5	25673,0	0,09	0,08	0,03
21	60	-425,0	-8930,3	171,0	23804,3	0,08	0,08	0,02
22	60	-425,0	-8985,6	175,3	24397,4	0,08	0,08	0,02
23	60	-425,0	-9299,4	172,1	23950,6	0,08	0,08	0,02
24	60	-425,0	-9482,4	186,1	25897,7	0,09	0,08	0,03
25	60	-425,0	-9094,4	169,4	23574,5	0,08	0,08	0,02
26	60	-425,0	-9277,4	183,4	25522,3	0,08	0,08	0,03
27	60	-425,0	-9296,0	172,1	23954,2	0,08	0,08	0,02
28	60	-425,0	-9479,0	186,2	25901,3	0,09	0,08	0,03
29	60	-425,0	-9097,8	169,3	23570,9	0,08	0,08	0,02
30	60	-425,0	-9280,8	183,4	25518,8	0,08	0,08	0,03
31	60	-425,0	-9298,8	172,0	23936,4	0,08	0,08	0,02
32	60	-425,0	-9483,0	186,2	25911,9	0,09	0,08	0,03
33	60	-425,0	-9093,8	169,3	23560,3	0,08	0,08	0,02
34	60	-425,0	-9278,0	183,5	25536,5	0,08	0,08	0,03
35	60	-425,0	-9295,4	172,0	23940,0	0,08	0,08	0,02
36	60	-425,0	-9479,6	186,3	25915,4	0,09	0,08	0,03
37	60	-425,0	-9097,2	169,2	23556,8	0,08	0,08	0,02
38	60	-425,0	-9281,4	183,5	25533,0	0,08	0,08	0,03
1	60	-453,3	-17764,7	355,3	43693,2	0,16	0,15	0,05
2	60	-453,3	-14984,4	311,6	38320,6	0,13	0,13	0,04
3	60	-453,3	-16932,5	331,2	40721,9	0,15	0,14	0,05
4	60	-453,3	-14152,2	287,5	35349,2	0,13	0,12	0,04
7	60	-453,3	-9581,2	162,3	19967,7	0,08	0,08	0,02
8	60	-453,3	-9636,0	166,1	20432,2	0,08	0,08	0,02
9	60	-453,3	-8899,3	154,2	18971,4	0,08	0,08	0,02
10	60	-453,3	-8954,1	158,0	19436,5	0,08	0,08	0,02
11	60	-453,3	-9581,0	162,3	19964,4	0,08	0,08	0,02
12	60	-453,3	-9636,2	166,2	20435,6	0,08	0,08	0,02
13	60	-453,3	-8899,2	154,2	18968,1	0,08	0,08	0,02
14	60	-453,3	-8954,3	158,0	19439,9	0,08	0,08	0,02
15	60	-453,3	-9570,0	162,4	19977,3	0,08	0,08	0,02
16	60	-453,3	-9624,7	166,2	20441,8	0,08	0,08	0,02
17	60	-453,3	-8910,6	154,1	18962,2	0,08	0,08	0,02
18	60	-453,3	-8965,4	157,9	19427,3	0,08	0,08	0,02
19	60	-453,3	-9569,8	162,4	19974,0	0,08	0,08	0,02
20	60	-453,3	-9624,9	166,2	20445,2	0,08	0,08	0,02
21	60	-453,3	-8910,4	154,1	18958,8	0,08	0,08	0,02
22	60	-453,3	-8965,6	157,9	19430,6	0,08	0,08	0,02
23	60	-453,3	-9278,6	155,0	19074,9	0,08	0,08	0,02
24	60	-453,3	-9461,3	167,7	20623,9	0,08	0,08	0,02
25	60	-453,3	-9074,1	152,6	18775,7	0,08	0,08	0,02
26	60	-453,3	-9256,7	165,2	20325,4	0,08	0,08	0,02
27	60	-453,3	-9275,3	155,1	19077,7	0,08	0,08	0,02
28	60	-453,3	-9457,9	167,7	20626,8	0,08	0,08	0,02
29	60	-453,3	-9077,5	152,6	18772,9	0,08	0,08	0,02
30	60	-453,3	-9260,1	165,2	20322,6	0,08	0,08	0,02
31	60	-453,3	-9278,1	155,0	19063,6	0,08	0,08	0,02
32	60	-453,3	-9461,8	167,8	20635,2	0,08	0,08	0,02
33	60	-453,3	-9073,5	152,5	18764,4	0,08	0,08	0,02
34	60	-453,3	-9257,3	165,3	20336,7	0,08	0,08	0,02
35	60	-453,3	-9274,7	155,0	19066,4	0,08	0,08	0,02
36	60	-453,3	-9458,5	167,8	20638,0	0,08	0,08	0,02
37	60	-453,3	-9076,9	152,5	18761,6	0,08	0,08	0,02
38	60	-453,3	-9260,7	165,3	20333,9	0,08	0,08	0,02
1	60	-481,7	-17727,8	308,8	33625,7	0,15	0,15	0,04
2	60	-481,7	-14953,3	270,9	29490,5	0,13	0,13	0,04
3	60	-481,7	-16897,4	287,8	31339,3	0,14	0,14	0,04
4	60	-481,7	-14122,8	249,9	27204,1	0,12	0,12	0,04
7	60	-481,7	-9561,3	141,1	15368,3	0,08	0,08	0,02
8	60	-481,7	-9616,0	144,4	15725,4	0,08	0,08	0,02
9	60	-481,7	-8880,9	134,0	14602,7	0,07	0,08	0,02

10	60	-481,7	-8935,6	137,3	14960,3	0,07	0,08	0,02
11	60	-481,7	-9561,2	141,1	15365,7	0,08	0,08	0,02
12	60	-481,7	-9616,2	144,4	15728,0	0,08	0,08	0,02
13	60	-481,7	-8880,7	134,0	14600,1	0,07	0,08	0,02
14	60	-481,7	-8935,7	137,4	14962,9	0,07	0,08	0,02
15	60	-481,7	-9550,1	141,2	15375,7	0,08	0,08	0,02
16	60	-481,7	-9604,8	144,5	15732,8	0,08	0,08	0,02
17	60	-481,7	-8892,1	134,0	14595,6	0,07	0,08	0,02
18	60	-481,7	-8946,8	137,3	14953,1	0,07	0,08	0,02
19	60	-481,7	-9549,9	141,2	15373,1	0,08	0,08	0,02
20	60	-481,7	-9605,0	144,5	15735,4	0,08	0,08	0,02
21	60	-481,7	-8891,9	134,0	14592,9	0,07	0,08	0,02
22	60	-481,7	-8947,0	137,3	14955,7	0,07	0,08	0,02
23	60	-481,7	-9259,4	134,8	14681,9	0,08	0,08	0,02
24	60	-481,7	-9441,6	145,8	15872,8	0,08	0,08	0,02
25	60	-481,7	-9055,3	132,7	14452,0	0,07	0,08	0,02
26	60	-481,7	-9237,5	143,6	15643,4	0,08	0,08	0,02
27	60	-481,7	-9256,0	134,8	14684,1	0,08	0,08	0,02
28	60	-481,7	-9438,3	145,8	15875,0	0,08	0,08	0,02
29	60	-481,7	-9058,6	132,6	14449,8	0,07	0,08	0,02
30	60	-481,7	-9240,9	143,6	15641,3	0,08	0,08	0,02
31	60	-481,7	-9258,8	134,7	14673,2	0,08	0,08	0,02
32	60	-481,7	-9442,2	145,8	15881,5	0,08	0,08	0,02
33	60	-481,7	-9054,7	132,6	14443,3	0,07	0,08	0,02
34	60	-481,7	-9238,1	143,7	15652,1	0,08	0,08	0,02
35	60	-481,7	-9255,4	134,7	14675,4	0,08	0,08	0,02
36	60	-481,7	-9438,8	145,9	15883,7	0,08	0,08	0,02
37	60	-481,7	-9058,0	132,6	14441,1	0,07	0,08	0,02
38	60	-481,7	-9241,4	143,7	15650,0	0,08	0,08	0,02
1	60	-510,0	-17693,8	259,4	24875,2	0,14	0,15	0,04
2	60	-510,0	-14924,6	227,5	21815,7	0,12	0,13	0,03
3	60	-510,0	-16865,0	241,7	23184,0	0,13	0,14	0,03
4	60	-510,0	-14095,7	209,9	20124,5	0,11	0,12	0,03
7	60	-510,0	-9543,0	118,5	11370,3	0,07	0,08	0,02
8	60	-510,0	-9597,6	121,3	11634,1	0,08	0,08	0,02
9	60	-510,0	-8863,9	112,6	10804,9	0,07	0,08	0,02
10	60	-510,0	-8918,4	115,4	11069,1	0,07	0,08	0,02
11	60	-510,0	-9542,8	118,5	11368,4	0,07	0,08	0,02
12	60	-510,0	-9597,7	121,3	11636,0	0,08	0,08	0,02
13	60	-510,0	-8863,7	112,6	10803,0	0,07	0,08	0,02
14	60	-510,0	-8918,6	115,4	11071,1	0,07	0,08	0,02
15	60	-510,0	-9531,8	118,6	11375,7	0,07	0,08	0,02
16	60	-510,0	-9586,4	121,3	11639,5	0,08	0,08	0,02
17	60	-510,0	-8875,1	112,5	10799,6	0,07	0,08	0,02
18	60	-510,0	-8929,6	115,3	11063,8	0,07	0,08	0,02
19	60	-510,0	-9531,6	118,6	11373,8	0,07	0,08	0,02
20	60	-510,0	-9586,5	121,4	11641,4	0,08	0,08	0,02
21	60	-510,0	-8874,9	112,5	10797,7	0,07	0,08	0,02
22	60	-510,0	-8929,8	115,3	11065,8	0,07	0,08	0,02
23	60	-510,0	-9241,6	113,2	10863,2	0,07	0,08	0,02
24	60	-510,0	-9423,5	122,4	11743,0	0,07	0,08	0,02
25	60	-510,0	-9037,9	111,4	10693,4	0,07	0,08	0,02
26	60	-510,0	-9219,8	120,6	11573,7	0,07	0,08	0,02
27	60	-510,0	-9238,3	113,2	10864,8	0,07	0,08	0,02
28	60	-510,0	-9420,2	122,4	11744,7	0,07	0,08	0,02
29	60	-510,0	-9041,3	111,4	10691,8	0,07	0,08	0,02
30	60	-510,0	-9223,1	120,6	11572,1	0,07	0,08	0,02
31	60	-510,0	-9241,1	113,1	10856,7	0,07	0,08	0,02
32	60	-510,0	-9424,1	122,5	11749,4	0,07	0,08	0,02
33	60	-510,0	-9037,3	111,4	10687,0	0,07	0,08	0,02
34	60	-510,0	-9220,4	120,7	11580,1	0,07	0,08	0,02
35	60	-510,0	-9237,7	113,2	10858,4	0,07	0,08	0,02
36	60	-510,0	-9420,7	122,5	11751,1	0,07	0,08	0,02
37	60	-510,0	-9040,7	111,3	10685,3	0,07	0,08	0,02
38	60	-510,0	-9223,7	120,7	11578,5	0,07	0,08	0,02
1	60	-538,3	-17662,7	210,3	17525,8	0,14	0,15	0,03
2	60	-538,3	-14898,3	184,4	15369,9	0,11	0,13	0,03
3	60	-538,3	-16835,3	196,0	16334,6	0,13	0,14	0,03
4	60	-538,3	-14070,9	170,1	14178,6	0,11	0,12	0,02
7	60	-538,3	-9526,2	96,1	8012,1	0,07	0,08	0,01
8	60	-538,3	-9580,7	98,3	8197,7	0,07	0,08	0,01
9	60	-538,3	-8848,3	91,3	7614,8	0,07	0,08	0,01
10	60	-538,3	-8902,7	93,5	7800,6	0,07	0,08	0,01
11	60	-538,3	-9526,0	96,1	8010,8	0,07	0,08	0,01
12	60	-538,3	-9580,8	98,3	8199,0	0,07	0,08	0,01
13	60	-538,3	-8848,1	91,3	7613,4	0,07	0,08	0,01
14	60	-538,3	-8902,9	93,5	7802,0	0,07	0,08	0,01

15	60	-538,3	-9515,0	96,1	8016,0	0,07	0,08	0,01
16	60	-538,3	-9569,5	98,4	8201,5	0,07	0,08	0,01
17	60	-538,3	-8859,4	91,2	7611,1	0,07	0,08	0,01
18	60	-538,3	-8913,9	93,5	7796,9	0,07	0,08	0,01
19	60	-538,3	-9514,8	96,1	8014,6	0,07	0,08	0,01
20	60	-538,3	-9569,7	98,4	8202,9	0,07	0,08	0,01
21	60	-538,3	-8859,3	91,2	7609,7	0,07	0,08	0,01
22	60	-538,3	-8914,1	93,5	7798,3	0,07	0,08	0,01
23	60	-538,3	-9225,4	91,8	7655,5	0,07	0,08	0,01
24	60	-538,3	-9406,9	99,2	8274,3	0,07	0,08	0,01
25	60	-538,3	-9022,0	90,3	7536,1	0,07	0,08	0,01
26	60	-538,3	-9203,6	97,8	8155,3	0,07	0,08	0,01
27	60	-538,3	-9222,0	91,8	7656,6	0,07	0,08	0,01
28	60	-538,3	-9403,6	99,3	8275,5	0,07	0,08	0,01
29	60	-538,3	-9025,3	90,3	7535,0	0,07	0,08	0,01
30	60	-538,3	-9206,9	97,8	8154,2	0,07	0,08	0,01
31	60	-538,3	-9224,8	91,7	7651,0	0,07	0,08	0,01
32	60	-538,3	-9407,5	99,3	8278,9	0,07	0,08	0,01
33	60	-538,3	-9021,4	90,3	7531,6	0,07	0,08	0,01
34	60	-538,3	-9204,1	97,9	8159,8	0,07	0,08	0,01
35	60	-538,3	-9221,4	91,7	7652,1	0,07	0,08	0,01
36	60	-538,3	-9404,2	99,3	8280,0	0,07	0,08	0,01
37	60	-538,3	-9024,8	90,3	7530,5	0,07	0,08	0,01
38	60	-538,3	-9207,5	97,8	8158,7	0,07	0,08	0,01
1	60	-566,7	-17634,4	163,8	11568,7	0,13	0,15	0,02
2	60	-566,7	-14874,5	143,6	10145,2	0,11	0,13	0,02
3	60	-566,7	-16808,3	152,6	10782,6	0,12	0,14	0,02
4	60	-566,7	-14048,4	132,5	9359,1	0,10	0,12	0,02
7	60	-566,7	-9510,9	74,8	5289,9	0,07	0,08	0,01
8	60	-566,7	-9565,3	76,6	5412,1	0,07	0,08	0,01
9	60	-566,7	-8834,1	71,1	5028,6	0,06	0,08	0,01
10	60	-566,7	-8888,5	72,9	5151,0	0,07	0,08	0,01
11	60	-566,7	-9510,8	74,8	5289,0	0,07	0,08	0,01
12	60	-566,7	-9565,5	76,6	5413,0	0,07	0,08	0,01
13	60	-566,7	-8833,9	71,1	5027,7	0,06	0,08	0,01
14	60	-566,7	-8888,6	72,9	5151,9	0,07	0,08	0,01
15	60	-566,7	-9499,8	74,9	5292,5	0,07	0,08	0,01
16	60	-566,7	-9554,2	76,6	5414,6	0,07	0,08	0,01
17	60	-566,7	-8845,2	71,1	5026,1	0,06	0,08	0,01
18	60	-566,7	-8899,6	72,8	5148,5	0,07	0,08	0,01
19	60	-566,7	-9499,6	74,9	5291,6	0,07	0,08	0,01
20	60	-566,7	-9554,3	76,6	5415,5	0,07	0,08	0,01
21	60	-566,7	-8845,1	71,1	5025,3	0,06	0,08	0,01
22	60	-566,7	-8899,8	72,8	5149,4	0,07	0,08	0,01
23	60	-566,7	-9210,6	71,5	5055,1	0,07	0,08	0,01
24	60	-566,7	-9391,9	77,3	5462,6	0,07	0,08	0,01
25	60	-566,7	-9007,5	70,4	4976,6	0,07	0,08	0,01
26	60	-566,7	-9188,8	76,2	5384,4	0,07	0,08	0,01
27	60	-566,7	-9207,2	71,5	5055,9	0,07	0,08	0,01
28	60	-566,7	-9388,5	77,3	5463,4	0,07	0,08	0,01
29	60	-566,7	-9010,9	70,4	4975,9	0,07	0,08	0,01
30	60	-566,7	-9192,2	76,2	5383,6	0,07	0,08	0,01
31	60	-566,7	-9210,0	71,5	5052,1	0,07	0,08	0,01
32	60	-566,7	-9392,4	77,3	5465,6	0,07	0,08	0,01
33	60	-566,7	-9006,9	70,3	4973,6	0,07	0,08	0,01
34	60	-566,7	-9189,4	76,2	5387,3	0,07	0,08	0,01
35	60	-566,7	-9206,7	71,5	5052,9	0,07	0,08	0,01
36	60	-566,7	-9389,1	77,4	5466,3	0,07	0,08	0,01
37	60	-566,7	-9010,3	70,3	4972,9	0,07	0,08	0,01
38	60	-566,7	-9192,7	76,2	5386,6	0,07	0,08	0,01
1	60	-595,0	-17608,9	121,5	6928,4	0,13	0,15	0,02
2	60	-595,0	-14853,0	106,6	6075,5	0,11	0,13	0,02
3	60	-595,0	-16784,0	113,3	6457,9	0,12	0,14	0,02
4	60	-595,0	-14028,1	98,3	5605,0	0,10	0,12	0,01
7	60	-595,0	-9497,2	55,6	3169,3	0,07	0,08	0,01
8	60	-595,0	-9551,5	56,8	3242,1	0,07	0,08	0,01
9	60	-595,0	-8821,3	52,8	3013,8	0,06	0,08	0,01
10	60	-595,0	-8875,6	54,1	3086,8	0,06	0,08	0,01
11	60	-595,0	-9497,0	55,5	3168,7	0,07	0,08	0,01
12	60	-595,0	-9551,7	56,8	3242,6	0,07	0,08	0,01
13	60	-595,0	-8821,2	52,8	3013,3	0,06	0,08	0,01
14	60	-595,0	-8875,8	54,1	3087,4	0,06	0,08	0,01
15	60	-595,0	-9486,1	55,6	3170,8	0,07	0,08	0,01
16	60	-595,0	-9540,4	56,9	3243,6	0,07	0,08	0,01
17	60	-595,0	-8832,5	52,8	3012,3	0,06	0,08	0,01
18	60	-595,0	-8886,8	54,1	3085,3	0,06	0,08	0,01
19	60	-595,0	-9485,9	55,6	3170,3	0,07	0,08	0,01

20	60	-595,0	-9540,5	56,9	3244,2	0,07	0,08	0,01
21	60	-595,0	-8832,3	52,7	3011,8	0,06	0,08	0,01
22	60	-595,0	-8887,0	54,1	3085,9	0,06	0,08	0,01
23	60	-595,0	-9197,3	53,1	3029,3	0,07	0,08	0,01
24	60	-595,0	-9378,3	57,4	3272,3	0,07	0,08	0,01
25	60	-595,0	-8994,5	52,2	2982,5	0,06	0,08	0,01
26	60	-595,0	-9175,5	56,5	3225,8	0,07	0,08	0,01
27	60	-595,0	-9194,0	53,1	3029,7	0,07	0,08	0,01
28	60	-595,0	-9375,0	57,4	3272,8	0,07	0,08	0,01
29	60	-595,0	-8997,9	52,2	2982,1	0,06	0,08	0,01
30	60	-595,0	-9178,9	56,5	3225,3	0,07	0,08	0,01
31	60	-595,0	-9196,7	53,0	3027,5	0,07	0,08	0,01
32	60	-595,0	-9378,9	57,4	3274,1	0,07	0,08	0,01
33	60	-595,0	-8993,9	52,2	2980,8	0,06	0,08	0,01
34	60	-595,0	-9176,1	56,6	3227,5	0,07	0,08	0,01
35	60	-595,0	-9193,4	53,0	3027,9	0,07	0,08	0,01
36	60	-595,0	-9375,5	57,4	3274,5	0,07	0,08	0,01
37	60	-595,0	-8997,3	52,2	2980,3	0,06	0,08	0,01
38	60	-595,0	-9179,5	56,6	3227,1	0,07	0,08	0,01
1	60	-623,3	-17586,3	84,5	3485,0	0,12	0,15	0,01
2	60	-623,3	-14833,9	74,1	3055,5	0,10	0,13	0,01
3	60	-623,3	-16762,5	78,7	3248,6	0,12	0,14	0,01
4	60	-623,3	-14010,1	68,4	2819,1	0,10	0,12	0,01
7	60	-623,3	-9485,0	38,6	1595,3	0,07	0,08	0,01
8	60	-623,3	-9539,2	39,5	1631,6	0,07	0,08	0,01
9	60	-623,3	-8810,0	36,7	1518,4	0,06	0,07	0,01
10	60	-623,3	-8864,2	37,6	1554,8	0,06	0,08	0,01
11	60	-623,3	-9484,8	38,6	1595,1	0,07	0,08	0,01
12	60	-623,3	-9539,4	39,5	1631,9	0,07	0,08	0,01
13	60	-623,3	-8809,8	36,7	1518,1	0,06	0,07	0,01
14	60	-623,3	-8864,4	37,6	1555,1	0,06	0,08	0,01
15	60	-623,3	-9473,9	38,6	1596,1	0,07	0,08	0,01
16	60	-623,3	-9528,1	39,5	1632,4	0,07	0,08	0,01
17	60	-623,3	-8821,1	36,7	1517,6	0,06	0,08	0,01
18	60	-623,3	-8875,4	37,6	1554,0	0,06	0,08	0,01
19	60	-623,3	-9473,7	38,6	1595,9	0,07	0,08	0,01
20	60	-623,3	-9528,3	39,5	1632,7	0,07	0,08	0,01
21	60	-623,3	-8821,0	36,7	1517,3	0,06	0,08	0,01
22	60	-623,3	-8875,5	37,6	1554,3	0,06	0,08	0,01
23	60	-623,3	-9185,5	36,9	1525,6	0,06	0,08	0,01
24	60	-623,3	-9366,3	39,9	1646,8	0,07	0,08	0,01
25	60	-623,3	-8983,0	36,3	1502,5	0,06	0,08	0,01
26	60	-623,3	-9163,8	39,3	1623,8	0,06	0,08	0,01
27	60	-623,3	-9182,1	36,9	1525,9	0,06	0,08	0,01
28	60	-623,3	-9362,9	39,9	1647,0	0,07	0,08	0,01
29	60	-623,3	-8986,3	36,3	1502,2	0,06	0,08	0,01
30	60	-623,3	-9167,1	39,3	1623,5	0,06	0,08	0,01
31	60	-623,3	-9184,9	36,9	1524,7	0,06	0,08	0,01
32	60	-623,3	-9366,8	39,9	1647,7	0,07	0,08	0,01
33	60	-623,3	-8982,4	36,3	1501,6	0,06	0,08	0,01
34	60	-623,3	-9164,3	39,3	1624,7	0,06	0,08	0,01
35	60	-623,3	-9181,6	36,9	1525,0	0,06	0,08	0,01
36	60	-623,3	-9363,5	39,9	1647,9	0,07	0,08	0,01
37	60	-623,3	-8985,7	36,3	1501,3	0,06	0,08	0,01
38	60	-623,3	-9167,7	39,3	1624,4	0,06	0,08	0,01
1	60	-651,7	-17566,5	53,1	1091,4	0,12	0,15	0,01
2	60	-651,7	-14817,2	46,6	956,4	0,10	0,13	0,01
3	60	-651,7	-16743,6	49,5	1017,7	0,12	0,14	0,01
4	60	-651,7	-13994,3	43,0	882,7	0,10	0,12	0,01
7	60	-651,7	-9474,3	24,3	501,0	0,07	0,08	0,00
8	60	-651,7	-9528,5	24,9	511,9	0,07	0,08	0,00
9	60	-651,7	-8800,1	23,1	478,8	0,06	0,07	0,00
10	60	-651,7	-8854,3	23,7	489,9	0,06	0,08	0,00
11	60	-651,7	-9474,2	24,3	500,9	0,07	0,08	0,00
12	60	-651,7	-9528,7	24,9	512,0	0,07	0,08	0,00
13	60	-651,7	-8799,9	23,1	478,7	0,06	0,07	0,00
14	60	-651,7	-8854,4	23,7	489,9	0,06	0,08	0,00
15	60	-651,7	-9463,2	24,3	501,2	0,06	0,08	0,00
16	60	-651,7	-9517,4	24,9	512,2	0,07	0,08	0,00
17	60	-651,7	-8811,2	23,1	478,5	0,06	0,07	0,00
18	60	-651,7	-8865,4	23,7	489,6	0,06	0,08	0,00
19	60	-651,7	-9463,1	24,3	501,2	0,06	0,08	0,00
20	60	-651,7	-9517,6	24,9	512,3	0,07	0,08	0,00
21	60	-651,7	-8811,0	23,1	478,4	0,06	0,07	0,00
22	60	-651,7	-8865,6	23,7	489,7	0,06	0,08	0,00
23	60	-651,7	-9175,2	23,2	480,1	0,06	0,08	0,00
24	60	-651,7	-9355,7	25,1	516,7	0,06	0,08	0,00

25	60	-651,7	-8972,9	22,9	473,4	0,06	0,08	0,00
26	60	-651,7	-9153,5	24,7	510,2	0,06	0,08	0,00
27	60	-651,7	-9171,8	23,2	480,2	0,06	0,08	0,00
28	60	-651,7	-9352,4	25,1	516,8	0,06	0,08	0,00
29	60	-651,7	-8976,2	22,9	473,3	0,06	0,08	0,00
30	60	-651,7	-9156,8	24,7	510,1	0,06	0,08	0,00
31	60	-651,7	-9174,6	23,2	479,8	0,06	0,08	0,00
32	60	-651,7	-9356,3	25,1	517,0	0,06	0,08	0,00
33	60	-651,7	-8972,3	22,8	473,1	0,06	0,08	0,00
34	60	-651,7	-9154,0	24,7	510,4	0,06	0,08	0,00
35	60	-651,7	-9171,2	23,2	479,9	0,06	0,08	0,00
36	60	-651,7	-9353,0	25,1	517,1	0,06	0,08	0,00
37	60	-651,7	-8975,6	22,8	473,0	0,06	0,08	0,00
38	60	-651,7	-9157,4	24,7	510,4	0,06	0,08	0,00
1	60	-680,0	-17549,6	27,7	416,1	0,12	0,15	0,00
2	60	-680,0	-14802,9	24,3	365,6	0,10	0,13	0,00
3	60	-680,0	-16727,5	25,8	387,4	0,12	0,14	0,00
4	60	-680,0	-13980,8	22,4	336,9	0,10	0,12	0,00
7	60	-680,0	-9465,2	12,7	187,7	0,07	0,08	0,00
8	60	-680,0	-9519,3	13,0	192,7	0,07	0,08	0,00
9	60	-680,0	-8791,6	12,0	178,0	0,06	0,07	0,00
10	60	-680,0	-8845,7	12,3	183,1	0,06	0,08	0,00
11	60	-680,0	-9465,0	12,7	187,6	0,07	0,08	0,00
12	60	-680,0	-9519,5	13,0	192,7	0,07	0,08	0,00
13	60	-680,0	-8791,4	12,0	178,0	0,06	0,07	0,00
14	60	-680,0	-8845,9	12,3	183,1	0,06	0,08	0,00
15	60	-680,0	-9454,1	12,7	187,8	0,06	0,08	0,00
16	60	-680,0	-9508,2	13,0	192,8	0,07	0,08	0,00
17	60	-680,0	-8802,7	12,0	177,9	0,06	0,07	0,00
18	60	-680,0	-8856,8	12,3	183,0	0,06	0,08	0,00
19	60	-680,0	-9453,9	12,7	187,7	0,06	0,08	0,00
20	60	-680,0	-9508,4	13,0	192,8	0,07	0,08	0,00
21	60	-680,0	-8802,5	12,0	177,9	0,06	0,07	0,00
22	60	-680,0	-8857,0	12,3	183,0	0,06	0,08	0,00
23	60	-680,0	-9166,3	12,1	178,3	0,06	0,08	0,00
24	60	-680,0	-9346,7	13,1	195,1	0,06	0,08	0,00
25	60	-680,0	-8964,2	11,9	175,4	0,06	0,08	0,00
26	60	-680,0	-9144,6	12,9	192,2	0,06	0,08	0,00
27	60	-680,0	-9163,0	12,1	178,4	0,06	0,08	0,00
28	60	-680,0	-9343,4	13,1	195,1	0,06	0,08	0,00
29	60	-680,0	-8967,6	11,9	175,4	0,06	0,08	0,00
30	60	-680,0	-9148,0	12,9	192,2	0,06	0,08	0,00
31	60	-680,0	-9165,7	12,1	178,2	0,06	0,08	0,00
32	60	-680,0	-9347,3	13,1	195,2	0,06	0,08	0,00
33	60	-680,0	-8963,6	11,9	175,3	0,06	0,08	0,00
34	60	-680,0	-9145,2	12,9	192,3	0,06	0,08	0,00
35	60	-680,0	-9162,4	12,1	178,3	0,06	0,08	0,00
36	60	-680,0	-9344,0	13,1	195,2	0,06	0,08	0,00
37	60	-680,0	-8967,0	11,9	175,3	0,06	0,08	0,00
38	60	-680,0	-9148,5	12,9	192,3	0,06	0,08	0,00
1	60	-708,3	-17535,5	8,1	1199,4	0,12	0,15	0,00
2	60	-708,3	-14791,0	7,1	1052,4	0,10	0,13	0,00
3	60	-708,3	-16714,0	7,5	1117,5	0,11	0,14	0,00
4	60	-708,3	-13969,6	6,5	970,5	0,10	0,12	0,00
7	60	-708,3	-9457,6	3,7	546,4	0,06	0,08	0,00
8	60	-708,3	-9511,7	3,8	559,6	0,07	0,08	0,00
9	60	-708,3	-8784,5	3,5	518,1	0,06	0,07	0,00
10	60	-708,3	-8838,6	3,6	531,3	0,06	0,08	0,00
11	60	-708,3	-9457,4	3,7	546,3	0,06	0,08	0,00
12	60	-708,3	-9511,8	3,8	559,7	0,07	0,08	0,00
13	60	-708,3	-8784,4	3,5	518,0	0,06	0,07	0,00
14	60	-708,3	-8838,8	3,6	531,4	0,06	0,08	0,00
15	60	-708,3	-9446,5	3,7	546,7	0,06	0,08	0,00
16	60	-708,3	-9500,6	3,8	559,9	0,07	0,08	0,00
17	60	-708,3	-8795,6	3,5	517,8	0,06	0,07	0,00
18	60	-708,3	-8849,7	3,6	531,0	0,06	0,08	0,00
19	60	-708,3	-9446,3	3,7	546,6	0,06	0,08	0,00
20	60	-708,3	-9500,7	3,8	559,9	0,07	0,08	0,00
21	60	-708,3	-8795,5	3,5	517,7	0,06	0,07	0,00
22	60	-708,3	-8849,9	3,6	531,1	0,06	0,08	0,00
23	60	-708,3	-9158,9	3,5	521,1	0,06	0,08	0,00
24	60	-708,3	-9339,2	3,8	565,1	0,06	0,08	0,00
25	60	-708,3	-8957,0	3,5	512,6	0,06	0,08	0,00
26	60	-708,3	-9137,3	3,8	556,6	0,06	0,08	0,00
27	60	-708,3	-9155,6	3,5	521,2	0,06	0,08	0,00
28	60	-708,3	-9335,9	3,8	565,2	0,06	0,08	0,00
29	60	-708,3	-8960,3	3,5	512,5	0,06	0,08	0,00

30	60	-708,3	-9140,6	3,8	556,5	0,06	0,08	0,00
31	60	-708,3	-9158,3	3,5	520,8	0,06	0,08	0,00
32	60	-708,3	-9339,8	3,8	565,4	0,06	0,08	0,00
33	60	-708,3	-8956,4	3,5	512,3	0,06	0,08	0,00
34	60	-708,3	-9137,8	3,8	556,9	0,06	0,08	0,00
35	60	-708,3	-9155,0	3,5	520,8	0,06	0,08	0,00
36	60	-708,3	-9336,4	3,8	565,5	0,06	0,08	0,00
37	60	-708,3	-8959,8	3,5	512,2	0,06	0,08	0,00
38	60	-708,3	-9141,2	3,8	556,8	0,06	0,08	0,00
1	60	-736,7	-17524,2	5,8	1427,5	0,12	0,15	0,00
2	60	-736,7	-14781,5	5,1	1252,4	0,10	0,13	0,00
3	60	-736,7	-16703,3	5,4	1330,2	0,12	0,14	0,00
4	60	-736,7	-13960,6	4,7	1155,1	0,10	0,12	0,00
7	60	-736,7	-9451,5	2,7	651,1	0,07	0,08	0,00
8	60	-736,7	-9505,5	2,7	666,6	0,07	0,08	0,00
9	60	-736,7	-8778,9	2,5	617,8	0,06	0,07	0,00
10	60	-736,7	-8832,9	2,6	633,3	0,06	0,08	0,00
11	60	-736,7	-9451,3	2,7	651,0	0,07	0,08	0,00
12	60	-736,7	-9505,7	2,7	666,8	0,07	0,08	0,00
13	60	-736,7	-8778,7	2,5	617,7	0,06	0,07	0,00
14	60	-736,7	-8833,1	2,6	633,4	0,06	0,08	0,00
15	60	-736,7	-9440,4	2,7	651,4	0,06	0,08	0,00
16	60	-736,7	-9494,4	2,7	667,0	0,07	0,08	0,00
17	60	-736,7	-8790,0	2,5	617,5	0,06	0,07	0,00
18	60	-736,7	-8844,0	2,6	633,0	0,06	0,08	0,00
19	60	-736,7	-9440,2	2,7	651,3	0,06	0,08	0,00
20	60	-736,7	-9494,6	2,7	667,1	0,07	0,08	0,00
21	60	-736,7	-8789,8	2,5	617,4	0,06	0,07	0,00
22	60	-736,7	-8844,2	2,6	633,1	0,06	0,08	0,00
23	60	-736,7	-9153,0	2,5	621,4	0,06	0,08	0,00
24	60	-736,7	-9333,2	2,7	673,0	0,06	0,08	0,00
25	60	-736,7	-8951,2	2,5	611,4	0,06	0,08	0,00
26	60	-736,7	-9131,4	2,7	663,0	0,06	0,08	0,00
27	60	-736,7	-9149,7	2,5	621,5	0,06	0,08	0,00
28	60	-736,7	-9329,8	2,7	673,1	0,06	0,08	0,00
29	60	-736,7	-8954,6	2,5	611,3	0,06	0,08	0,00
30	60	-736,7	-9134,7	2,7	662,9	0,06	0,08	0,00
31	60	-736,7	-9152,5	2,5	621,0	0,06	0,08	0,00
32	60	-736,7	-9333,8	2,7	673,4	0,06	0,08	0,00
33	60	-736,7	-8950,7	2,5	611,0	0,06	0,08	0,00
34	60	-736,7	-9132,0	2,7	663,4	0,06	0,08	0,00
35	60	-736,7	-9149,1	2,5	621,1	0,06	0,08	0,00
36	60	-736,7	-9330,4	2,7	673,5	0,06	0,08	0,00
37	60	-736,7	-8954,0	2,5	610,9	0,06	0,08	0,00
38	60	-736,7	-9135,3	2,7	663,3	0,06	0,08	0,00
1	60	-765,0	-17515,7	14,2	1262,1	0,12	0,15	0,00
2	60	-765,0	-14774,4	12,4	1107,2	0,10	0,13	0,00
3	60	-765,0	-16695,2	13,2	1176,1	0,11	0,14	0,00
4	60	-765,0	-13953,9	11,5	1021,2	0,10	0,12	0,00
7	60	-765,0	-9446,9	6,5	576,0	0,06	0,08	0,00
8	60	-765,0	-9501,0	6,6	589,6	0,07	0,08	0,00
9	60	-765,0	-8774,6	6,1	546,6	0,06	0,07	0,00
10	60	-765,0	-8828,6	6,3	560,3	0,06	0,08	0,00
11	60	-765,0	-9446,8	6,5	575,9	0,06	0,08	0,00
12	60	-765,0	-9501,1	6,6	589,7	0,07	0,08	0,00
13	60	-765,0	-8774,5	6,1	546,5	0,06	0,07	0,00
14	60	-765,0	-8828,8	6,3	560,4	0,06	0,08	0,00
15	60	-765,0	-9435,8	6,5	576,2	0,06	0,08	0,00
16	60	-765,0	-9489,9	6,6	589,9	0,07	0,08	0,00
17	60	-765,0	-8785,7	6,1	546,4	0,06	0,07	0,00
18	60	-765,0	-8839,7	6,3	560,0	0,06	0,08	0,00
19	60	-765,0	-9435,7	6,5	576,1	0,06	0,08	0,00
20	60	-765,0	-9490,0	6,6	590,0	0,07	0,08	0,00
21	60	-765,0	-8785,5	6,1	546,3	0,06	0,07	0,00
22	60	-765,0	-8839,9	6,3	560,1	0,06	0,08	0,00
23	60	-765,0	-9148,6	6,2	549,8	0,06	0,08	0,00
24	60	-765,0	-9328,7	6,7	595,2	0,06	0,08	0,00
25	60	-765,0	-8946,9	6,1	541,0	0,06	0,08	0,00
26	60	-765,0	-9127,0	6,6	586,4	0,06	0,08	0,00
27	60	-765,0	-9145,3	6,2	549,9	0,06	0,08	0,00
28	60	-765,0	-9325,3	6,7	595,3	0,06	0,08	0,00
29	60	-765,0	-8950,2	6,1	540,9	0,06	0,08	0,00
30	60	-765,0	-9130,3	6,6	586,4	0,06	0,08	0,00
31	60	-765,0	-9148,0	6,2	549,4	0,06	0,08	0,00
32	60	-765,0	-9329,2	6,7	595,6	0,06	0,08	0,00
33	60	-765,0	-8946,3	6,1	540,6	0,06	0,08	0,00
34	60	-765,0	-9127,5	6,6	586,8	0,06	0,08	0,00

35	60	-765,0	-9144,7	6,2	549,5	0,06	0,08	0,00
36	60	-765,0	-9325,9	6,7	595,6	0,06	0,08	0,00
37	60	-765,0	-8949,7	6,1	540,6	0,06	0,08	0,00
38	60	-765,0	-9130,9	6,6	586,7	0,06	0,08	0,00
1	60	-793,3	-17510,1	17,1	860,6	0,12	0,15	0,00
2	60	-793,3	-14769,6	15,0	754,9	0,10	0,13	0,00
3	60	-793,3	-16689,8	15,9	801,9	0,11	0,14	0,00
4	60	-793,3	-13949,4	13,8	696,3	0,10	0,12	0,00
7	60	-793,3	-9443,9	7,8	392,8	0,06	0,08	0,00
8	60	-793,3	-9497,9	8,0	402,1	0,07	0,08	0,00
9	60	-793,3	-8771,8	7,4	372,9	0,06	0,07	0,00
10	60	-793,3	-8825,8	7,6	382,1	0,06	0,08	0,00
11	60	-793,3	-9443,7	7,8	392,7	0,06	0,08	0,00
12	60	-793,3	-9498,1	8,0	402,1	0,07	0,08	0,00
13	60	-793,3	-8771,6	7,4	372,8	0,06	0,07	0,00
14	60	-793,3	-8826,0	7,6	382,2	0,06	0,08	0,00
15	60	-793,3	-9432,8	7,8	393,0	0,06	0,08	0,00
16	60	-793,3	-9486,8	8,0	402,3	0,07	0,08	0,00
17	60	-793,3	-8782,9	7,4	372,7	0,06	0,07	0,00
18	60	-793,3	-8836,9	7,6	382,0	0,06	0,08	0,00
19	60	-793,3	-9432,6	7,8	392,9	0,06	0,08	0,00
20	60	-793,3	-9487,0	8,0	402,3	0,07	0,08	0,00
21	60	-793,3	-8782,7	7,4	372,6	0,06	0,07	0,00
22	60	-793,3	-8837,1	7,6	382,0	0,06	0,08	0,00
23	60	-793,3	-9145,7	7,5	375,0	0,06	0,08	0,00
24	60	-793,3	-9325,7	8,1	405,9	0,06	0,08	0,00
25	60	-793,3	-8944,0	7,3	369,0	0,06	0,08	0,00
26	60	-793,3	-9124,0	7,9	399,9	0,06	0,08	0,00
27	60	-793,3	-9142,3	7,5	375,1	0,06	0,08	0,00
28	60	-793,3	-9322,3	8,1	406,0	0,06	0,08	0,00
29	60	-793,3	-8947,4	7,3	369,0	0,06	0,08	0,00
30	60	-793,3	-9127,4	7,9	399,9	0,06	0,08	0,00
31	60	-793,3	-9145,1	7,4	374,8	0,06	0,08	0,00
32	60	-793,3	-9326,2	8,1	406,1	0,06	0,08	0,00
33	60	-793,3	-8943,5	7,3	368,8	0,06	0,08	0,00
34	60	-793,3	-9124,6	8,0	400,1	0,06	0,08	0,00
35	60	-793,3	-9141,8	7,4	374,8	0,06	0,08	0,00
36	60	-793,3	-9322,9	8,1	406,2	0,06	0,08	0,00
37	60	-793,3	-8946,8	7,3	368,7	0,06	0,08	0,00
38	60	-793,3	-9127,9	8,0	400,1	0,06	0,08	0,00
1	60	-821,7	-17495,7	13,3	375,9	0,12	0,15	0,00
2	60	-821,7	-14757,5	11,6	329,7	0,10	0,13	0,00
3	60	-821,7	-16676,1	12,4	350,3	0,11	0,14	0,00
4	60	-821,7	-13937,9	10,7	304,1	0,10	0,12	0,00
7	60	-821,7	-9436,1	6,1	171,6	0,06	0,08	0,00
8	60	-821,7	-9490,1	6,2	175,7	0,07	0,08	0,00
9	60	-821,7	-8764,6	5,8	162,9	0,06	0,07	0,00
10	60	-821,7	-8818,5	5,9	167,0	0,06	0,07	0,00
11	60	-821,7	-9436,0	6,1	171,6	0,06	0,08	0,00
12	60	-821,7	-9490,3	6,2	175,7	0,07	0,08	0,00
13	60	-821,7	-8764,4	5,7	162,9	0,06	0,07	0,00
14	60	-821,7	-8818,7	5,9	167,0	0,06	0,07	0,00
15	60	-821,7	-9425,1	6,1	171,7	0,06	0,08	0,00
16	60	-821,7	-9479,0	6,2	175,7	0,07	0,08	0,00
17	60	-821,7	-8775,7	5,7	162,9	0,06	0,07	0,00
18	60	-821,7	-8829,6	5,9	166,9	0,06	0,08	0,00
19	60	-821,7	-9424,9	6,1	171,7	0,06	0,08	0,00
20	60	-821,7	-9479,2	6,2	175,8	0,07	0,08	0,00
21	60	-821,7	-8775,5	5,7	162,8	0,06	0,07	0,00
22	60	-821,7	-8829,8	5,9	166,9	0,06	0,08	0,00
23	60	-821,7	-9138,1	5,8	163,9	0,06	0,08	0,00
24	60	-821,7	-9318,0	6,3	177,3	0,06	0,08	0,00
25	60	-821,7	-8936,7	5,7	161,2	0,06	0,08	0,00
26	60	-821,7	-9116,5	6,2	174,7	0,06	0,08	0,00
27	60	-821,7	-9134,8	5,8	163,9	0,06	0,08	0,00
28	60	-821,7	-9314,7	6,3	177,3	0,06	0,08	0,00
29	60	-821,7	-8940,0	5,7	161,2	0,06	0,08	0,00
30	60	-821,7	-9119,9	6,2	174,7	0,06	0,08	0,00
31	60	-821,7	-9137,6	5,8	163,8	0,06	0,08	0,00
32	60	-821,7	-9318,6	6,3	177,4	0,06	0,08	0,00
33	60	-821,7	-8936,1	5,7	161,1	0,06	0,08	0,00
34	60	-821,7	-9117,1	6,2	174,8	0,06	0,08	0,00
35	60	-821,7	-9134,2	5,8	163,8	0,06	0,08	0,00
36	60	-821,7	-9315,2	6,3	177,4	0,06	0,08	0,00
37	60	-821,7	-8939,4	5,7	161,1	0,06	0,08	0,00
38	60	-821,7	-9120,4	6,2	174,8	0,06	0,08	0,00
1	60	-850,0	-17495,7	13,3	0,0	0,12	0,15	0,00

2	60	-850,0	-14757,5	11,6	0,0	0,10	0,13	0,00
3	60	-850,0	-16676,1	12,4	0,0	0,11	0,14	0,00
4	60	-850,0	-13937,9	10,7	0,0	0,10	0,12	0,00
7	60	-850,0	-9436,1	6,1	0,0	0,06	0,08	0,00
8	60	-850,0	-9490,1	6,2	0,0	0,06	0,08	0,00
9	60	-850,0	-8764,6	5,8	0,0	0,06	0,07	0,00
10	60	-850,0	-8818,5	5,9	0,0	0,06	0,07	0,00
11	60	-850,0	-9436,0	6,1	0,0	0,06	0,08	0,00
12	60	-850,0	-9490,3	6,2	0,0	0,06	0,08	0,00
13	60	-850,0	-8764,4	5,7	0,0	0,06	0,07	0,00
14	60	-850,0	-8818,7	5,9	0,0	0,06	0,07	0,00
15	60	-850,0	-9425,1	6,1	0,0	0,06	0,08	0,00
16	60	-850,0	-9479,0	6,2	0,0	0,06	0,08	0,00
17	60	-850,0	-8775,7	5,7	0,0	0,06	0,07	0,00
18	60	-850,0	-8829,6	5,9	0,0	0,06	0,08	0,00
19	60	-850,0	-9424,9	6,1	0,0	0,06	0,08	0,00
20	60	-850,0	-9479,2	6,2	0,0	0,06	0,08	0,00
21	60	-850,0	-8775,5	5,7	0,0	0,06	0,07	0,00
22	60	-850,0	-8829,8	5,9	0,0	0,06	0,08	0,00
23	60	-850,0	-9138,1	5,8	0,0	0,06	0,08	0,00
24	60	-850,0	-9318,0	6,3	0,0	0,06	0,08	0,00
25	60	-850,0	-8936,7	5,7	0,0	0,06	0,08	0,00
26	60	-850,0	-9116,5	6,2	0,0	0,06	0,08	0,00
27	60	-850,0	-9134,8	5,8	0,0	0,06	0,08	0,00
28	60	-850,0	-9314,7	6,3	0,0	0,06	0,08	0,00
29	60	-850,0	-8940,0	5,7	0,0	0,06	0,08	0,00
30	60	-850,0	-9119,9	6,2	0,0	0,06	0,08	0,00
31	60	-850,0	-9137,6	5,8	0,0	0,06	0,08	0,00
32	60	-850,0	-9318,6	6,3	0,0	0,06	0,08	0,00
33	60	-850,0	-8936,1	5,7	0,0	0,06	0,08	0,00
34	60	-850,0	-9117,1	6,2	0,0	0,06	0,08	0,00
35	60	-850,0	-9134,2	5,8	0,0	0,06	0,08	0,00
36	60	-850,0	-9315,2	6,3	0,0	0,06	0,08	0,00
37	60	-850,0	-8939,4	5,7	0,0	0,06	0,08	0,00
38	60	-850,0	-9120,4	6,2	0,0	0,06	0,08	0,00

Sezioni maggiormente sollecitate:

Pl.	Cmb.	Palo	Quota(cm)	N(daN)	V(daN)	M(daNcm)	Ver. N/M	Ver.(25)	Ver.V
60	1	60	0,0	-18657,8	4548,8	465554,0	0,93	0,16	0,65

S/Su massime:
Ver. N/M = 0,93 < 1 (Ok)
Ver. (25) = 0,16 < 1 (Ok)
Ver.V = 0,65 < 1 (Ok)

Combinazioni di tipo: stato limite di esercizio condizioni rare.
Tensione amm. CLS = 149,4 daN/cmq
Tensione amm. acciaio = 3600 daN/cmq

Cmb.	Palo	Quota(cm)	N(daN)	M(daNcm)	Ten.SLE C	Ten.SLE A	Verif.
5	60	0,0	-13736,4	335821,9	-192,6	2543,5	nv
6	60	0,0	-13153,7	314724,9	-180,4	2359,7	nv
5	60	-28,3	-13712,3	243668,4	-137,4	1533,3	ok
6	60	-28,3	-13130,6	228364,0	-128,6	1414,4	ok
5	60	-56,7	-13675,0	157391,3	-85,6	-697,9	ok
6	60	-56,7	-13094,9	147509,9	-80,0	-658,1	ok
5	60	-85,0	-13624,7	84892,4	-45,0	-458,6	ok
6	60	-85,0	-13046,7	79567,5	-42,3	-433,6	ok
5	60	-113,3	-13570,4	27844,1	-24,2	-300,3	ok
6	60	-113,3	-12994,8	26104,3	-23,0	-286,2	ok
5	60	-141,7	-13517,6	14795,3	-20,0	-266,4	ok
6	60	-141,7	-12944,2	13856,4	-19,0	-254,3	ok
5	60	-170,0	-13467,0	44682,0	-29,4	-341,2	ok
6	60	-170,0	-12895,7	41865,6	-27,9	-324,4	ok
5	60	-198,3	-13418,5	63866,6	-35,9	-391,3	ok
6	60	-198,3	-12849,3	59845,6	-33,9	-371,0	ok
5	60	-226,7	-13372,2	74379,0	-40,1	-421,9	ok
6	60	-226,7	-12805,0	69698,4	-37,8	-399,3	ok
5	60	-255,0	-13328,0	78146,0	-41,8	-433,0	ok
6	60	-255,0	-12762,7	73229,8	-39,3	-409,6	ok
5	60	-283,3	-13286,0	76902,6	-41,2	-428,5	ok
6	60	-283,3	-12722,5	72065,6	-38,8	-405,4	ok
5	60	-311,7	-13246,2	72149,9	-39,1	-413,3	ok
6	60	-311,7	-12684,3	67612,5	-36,8	-391,2	ok
5	60	-340,0	-13208,5	65141,3	-36,2	-391,8	ok
6	60	-340,0	-12648,2	61045,1	-34,2	-371,3	ok
5	60	-368,3	-13172,9	56886,7	-33,1	-368,0	ok
6	60	-368,3	-12614,1	53310,1	-31,3	-349,2	ok
5	60	-396,7	-13139,4	48171,0	-30,1	-344,5	ok

6	60	-396,7	-12582,0	45142,7	-28,6	-327,4	ok
5	60	-425,0	-13108,0	39577,5	-27,4	-322,2	ok
6	60	-425,0	-12552,0	37089,7	-26,0	-306,5	ok
5	60	-453,3	-13078,8	31516,7	-24,8	-301,3	ok
6	60	-453,3	-12524,0	29535,8	-23,5	-286,9	ok
5	60	-481,7	-13051,7	24255,0	-22,4	-282,4	ok
6	60	-481,7	-12498,0	22730,7	-21,3	-269,2	ok
5	60	-510,0	-13026,6	17943,2	-20,4	-266,0	ok
6	60	-510,0	-12474,1	16815,8	-19,4	-253,8	ok
5	60	-538,3	-13003,7	12642,1	-18,7	-252,2	ok
6	60	-538,3	-12452,1	11847,9	-17,8	-240,9	ok
5	60	-566,7	-12982,9	8345,2	-17,3	-241,0	ok
6	60	-566,7	-12432,2	7821,1	-16,5	-230,3	ok
5	60	-595,0	-12964,1	4998,0	-16,2	-232,2	ok
6	60	-595,0	-12414,2	4684,3	-15,5	-222,1	ok
5	60	-623,3	-12947,5	2514,2	-15,4	-225,6	ok
6	60	-623,3	-12398,3	2356,6	-14,7	-215,9	ok
5	60	-651,7	-12932,9	787,6	-14,9	-221,0	ok
6	60	-651,7	-12384,3	738,5	-14,2	-211,6	ok
5	60	-680,0	-12920,5	299,9	-14,6	-218,8	ok
6	60	-680,0	-12372,4	280,7	-14,0	-209,5	ok
5	60	-708,3	-12910,1	864,9	-14,8	-220,8	ok
6	60	-708,3	-12362,4	810,3	-14,2	-211,4	ok
5	60	-736,7	-12901,7	1029,5	-14,9	-221,1	ok
6	60	-736,7	-12354,5	964,7	-14,3	-211,7	ok
5	60	-765,0	-12895,5	910,3	-14,8	-220,7	ok
6	60	-765,0	-12348,5	853,0	-14,2	-211,3	ok
5	60	-793,3	-12891,4	620,7	-14,8	-219,9	ok
6	60	-793,3	-12344,5	581,6	-14,1	-210,5	ok
5	60	-821,7	-12880,8	271,1	-14,5	-218,1	ok
6	60	-821,7	-12334,4	254,1	-13,9	-208,9	ok
5	60	-850,0	-12880,8	0,0	-14,5	-218,1	ok
6	60	-850,0	-12334,4	0,0	-13,9	-208,9	ok

Sezioni maggiormente sollecitate:

Pl.	Cmb.	Palo	Quota(cm)	N(daN)	M(daNcm)	Ten.SLE C	Ten.SLE A
60	5	60	0,0	-13736,4	335821,9	-192,6	2543,5

Valori massimi:
Ten.massima CLS = 192,6 daN/cmq > Ten. amm. CLS (N.V.)
Ten.massima acciaio = 2543,5 daN/cmq < Ten. amm. acciaio (Ok)

Combinazioni di tipo: stato limite di esercizio frequenti.
Fessure: Wk amm. < 0,3 mm

Cmb.	Palo	Quota(cm)	N(daN)	M(daNcm)	Wk	Verif.
71	60	0,0	-10569,6	221164,2	0,08	ok
72	60	0,0	-9733,6	190894,5	0,06	ok
71	60	-28,3	-10551,1	160492,2	0,04	ok
72	60	-28,3	-9716,5	138533,7	0,03	ok
71	60	-56,7	-10522,4	103688,0	0,01	ok
72	60	-56,7	-9690,1	89510,4	0,00	ok
71	60	-85,0	-10483,7	55952,9	0,00	ok
72	60	-85,0	-9654,5	48312,9	0,00	ok
71	60	-113,3	-10442,0	18388,7	0,00	ok
72	60	-113,3	-9616,0	15892,4	0,00	ok
71	60	-141,7	-10401,3	9692,6	0,00	ok
72	60	-141,7	-9578,6	8345,5	0,00	ok
71	60	-170,0	-10362,4	29375,5	0,00	ok
72	60	-170,0	-9542,7	25334,7	0,00	ok
71	60	-198,3	-10325,1	42013,3	0,00	ok
72	60	-198,3	-9508,4	36244,0	0,00	ok
71	60	-226,7	-10289,4	48941,2	0,00	ok
72	60	-226,7	-9475,6	42225,6	0,00	ok
71	60	-255,0	-10255,5	51427,5	0,00	ok
72	60	-255,0	-9444,3	44373,8	0,00	ok
71	60	-283,3	-10223,1	50614,4	0,00	ok
72	60	-283,3	-9414,5	43674,4	0,00	ok
71	60	-311,7	-10192,5	47490,2	0,00	ok
72	60	-311,7	-9386,3	40980,0	0,00	ok
71	60	-340,0	-10163,4	42879,8	0,00	ok
72	60	-340,0	-9359,5	37002,7	0,00	ok
71	60	-368,3	-10136,0	37448,4	0,00	ok
72	60	-368,3	-9334,3	32316,7	0,00	ok
71	60	-396,7	-10110,3	31712,6	0,00	ok
72	60	-396,7	-9310,6	27367,6	0,00	ok
71	60	-425,0	-10086,2	26056,7	0,00	ok
72	60	-425,0	-9288,4	22487,3	0,00	ok
71	60	-453,3	-10063,7	20751,0	0,00	ok

72	60	-453,3	-9267,7	17908,9	0,00	ok
71	60	-481,7	-10042,8	15970,9	0,00	ok
72	60	-481,7	-9248,4	13784,0	0,00	ok
71	60	-510,0	-10023,5	11815,9	0,00	ok
72	60	-510,0	-9230,7	10198,3	0,00	ok
71	60	-538,3	-10005,9	8326,0	0,00	ok
72	60	-538,3	-9214,5	7186,5	0,00	ok
71	60	-566,7	-9989,9	5497,0	0,00	ok
72	60	-566,7	-9199,7	4745,1	0,00	ok
71	60	-595,0	-9975,4	3293,2	0,00	ok
72	60	-595,0	-9186,4	2843,1	0,00	ok
71	60	-623,3	-9962,6	1657,6	0,00	ok
72	60	-623,3	-9174,6	1431,5	0,00	ok
71	60	-651,7	-9951,4	520,5	0,00	ok
72	60	-651,7	-9164,3	450,0	0,00	ok
71	60	-680,0	-9941,8	195,9	0,00	ok
72	60	-680,0	-9155,5	168,4	0,00	ok
71	60	-708,3	-9933,8	568,2	0,00	ok
72	60	-708,3	-9148,1	489,8	0,00	ok
71	60	-736,7	-9927,4	676,9	0,00	ok
72	60	-736,7	-9142,2	583,8	0,00	ok
71	60	-765,0	-9922,6	598,7	0,00	ok
72	60	-765,0	-9137,8	516,5	0,00	ok
71	60	-793,3	-9919,4	408,3	0,00	ok
72	60	-793,3	-9134,8	352,2	0,00	ok
71	60	-821,7	-9911,3	178,4	0,00	ok
72	60	-821,7	-9127,3	153,9	0,00	ok
71	60	-850,0	-9911,3	0,0	0,00	ok
72	60	-850,0	-9127,3	0,0	0,00	ok

Sezioni maggiormente sollecitate:

Pl.	Cmb.	Palo	Quota(cm)	N(daN)	M(daNcm)	Wk
60	71	60	0,0	-10569,6	221164,2	0,08

Valori massimi:
Fessure Wk massima = 0,1 daN/cmq < Wk amm. (Ok)

Combinazioni di tipo: stato limite di esercizio condizioni quasi permanenti.
Tensione amm. CLS = 112,05 daN/cmq
Fessure: Wk amm. < 0,2 mm

Cmb.	Palo	Quota(cm)	N(daN)	M(daNcm)	Ten.SLE C	Wk	Verif.
74	60	0,0	-9733,6	190894,5	-108,3	0,06	ok
74	60	-28,3	-9716,5	138533,7	-76,8	0,03	ok
74	60	-56,7	-9690,1	89510,4	-47,7	0,00	ok
74	60	-85,0	-9654,5	48312,9	-26,7	0,00	ok
74	60	-113,3	-9616,0	15892,4	-15,9	0,00	ok
74	60	-141,7	-9578,6	8345,5	-13,5	0,00	ok
74	60	-170,0	-9542,7	25334,7	-18,8	0,00	ok
74	60	-198,3	-9508,4	36244,0	-22,3	0,00	ok
74	60	-226,7	-9475,6	42225,6	-24,3	0,00	ok
74	60	-255,0	-9444,3	44373,8	-25,0	0,00	ok
74	60	-283,3	-9414,5	43674,4	-24,8	0,00	ok
74	60	-311,7	-9386,3	40980,0	-23,7	0,00	ok
74	60	-340,0	-9359,5	37002,7	-22,4	0,00	ok
74	60	-368,3	-9334,3	32316,7	-20,8	0,00	ok
74	60	-396,7	-9310,6	27367,6	-19,2	0,00	ok
74	60	-425,0	-9288,4	22487,3	-17,6	0,00	ok
74	60	-453,3	-9267,7	17908,9	-16,2	0,00	ok
74	60	-481,7	-9248,4	13784,0	-14,8	0,00	ok
74	60	-510,0	-9230,7	10198,3	-13,7	0,00	ok
74	60	-538,3	-9214,5	7186,5	-12,7	0,00	ok
74	60	-566,7	-9199,7	4745,1	-11,9	0,00	ok
74	60	-595,0	-9186,4	2843,1	-11,3	0,00	ok
74	60	-623,3	-9174,6	1431,5	-10,8	0,00	ok
74	60	-651,7	-9164,3	450,0	-10,5	0,00	ok
74	60	-680,0	-9155,5	168,4	-10,3	0,00	ok
74	60	-708,3	-9148,1	489,8	-10,5	0,00	ok
74	60	-736,7	-9142,2	583,8	-10,5	0,00	ok
74	60	-765,0	-9137,8	516,5	-10,5	0,00	ok
74	60	-793,3	-9134,8	352,2	-10,4	0,00	ok
74	60	-821,7	-9127,3	153,9	-10,3	0,00	ok
74	60	-850,0	-9127,3	0,0	-10,3	0,00	ok

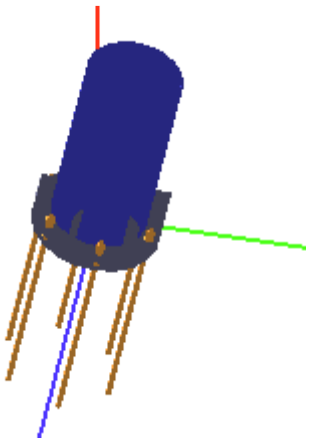
Sezioni maggiormente sollecitate:

Pl.	Cmb.	Palo	Quota(cm)	N(daN)	M(daNcm)	Ten.SLE C	Wk
60	74	60	0,0	-9733,6	190894,5	-108,3	0,06

Valori massimi:
Ten.massima CLS = 108,3 daN/cmq < Ten. amm. acciaio (Ok)

Fessure Wk massima = 0,1 daN/cmq < Wk amm. (Ok)

Verifica secondo il D.M. 14/01/2008 del nodo: 58



Coefficienti di sicurezza utilizzati

γ_{M0} = 1,05
γ_{M1} = 1,10
γ_{M2} = 1,25

Tipo di profilo: TUBO 508.0x12.5
Materiale: Acciaio S275 f_y = 275 N/mm^2 f_t = 430 N/mm^2 γ_{Rd} = 1.15
Classe sezione: 4

Flangia:
Materiale: Acciaio S275 f_y = 275 N/mm^2 f_t = 430 N/mm^2 γ_{Rd} = 1.15
Dimensioni (Ø x Sp): 674,8 x 40,0 mm
Spessore nervature: 12,0 mm

Bullonature:
Viti cl. 8.8 Dadi 8 (f_{yb} = 649 N/mm^2, f_{tb} = 800 N/mm^2)
Diametro Ø = 30 mm A_{res} = 579,6 mm^2 (ridotta per filettatura)
Diametro foro $Ø_0$ = 31.5 mm

Sollecitazioni:

Nodo.CMB	V2 [N]	V3 [N]	N [N]	M2 [N mm]	M3 [N mm]	T [N mm]
58.1	-65712,7	1758,3	-3522000,0	-3463000,0	200800000,0	-1687000,0
58.2	-57720,9	1553,7	-3086000,0	-3024000,0	176100000,0	-1497000,0
58.3	-61188,1	1631,5	-3284000,0	-3237000,0	187200000,0	-1561000,0
58.4	-53196,4	1426,8	-2848000,0	-2797000,0	162400000,0	-1371000,0
58.7	-19086,1	9698,8	-956700,0	-7897000,0	53210000,0	-12180000,0
58.8	-15127,7	8781,9	-1028000,0	-8392000,0	58970000,0	-10950000,0
58.9	-38150,8	-7417,7	-1878000,0	5461000,0	106000000,0	9685000,0
58.10	-34192,5	-8334,6	-1949000,0	4965000,0	111800000,0	10910000,0
58.11	-19106,2	9699,1	-956600,0	-7893000,0	53180000,0	-12180000,0
58.12	-15107,6	8781,7	-1028000,0	-8396000,0	59000000,0	-10950000,0
58.13	-38170,9	-7417,5	-1878000,0	5465000,0	106000000,0	9685000,0
58.14	-34172,4	-8334,8	-1949000,0	4961000,0	111800000,0	10910000,0
58.15	-19489,6	9496,7	-974600,0	-8113000,0	54250000,0	-11870000,0
58.16	-15531,3	8579,8	-1046000,0	-8609000,0	60010000,0	-10640000,0
58.17	-37747,3	-7215,6	-1860000,0	5677000,0	105000000,0	9376000,0
58.18	-33788,9	-8132,5	-1931000,0	5182000,0	110700000,0	10600000,0
58.19	-19509,7	9496,9	-974500,0	-8109000,0	54220000,0	-11870000,0
58.20	-15511,2	8579,6	-1046000,0	-8612000,0	60050000,0	-10640000,0
58.21	-37767,4	-7215,4	-1860000,0	5681000,0	104900000,0	9376000,0
58.22	-33768,8	-8132,7	-1931000,0	5178000,0	110800000,0	10600000,0
58.23	-30376,8	4777,8	-1196000,0	-2644000,0	64960000,0	-5952000,0

58.24	-17182,3	1721,3	-1433000,0	-4295000,0	84170000,0	-1873000,0
58.25	-36096,2	-357,1	-1472000,0	1363000,0	80800000,0	606065,0
58.26	-22901,8	-3413,6	-1710000,0	-287634,0	100000000,0	4685000,0
58.27	-30497,8	4717,2	-1201000,0	-2709000,0	65270000,0	-5859000,0
58.28	-17303,4	1660,7	-1439000,0	-4360000,0	84490000,0	-1781000,0
58.29	-35975,1	-296,5	-1467000,0	1428000,0	80480000,0	513380,0
58.30	-22780,7	-3353,0	-1704000,0	-222757,0	99700000,0	4592000,0
58.31	-30443,8	4778,5	-1196000,0	-2631000,0	64860000,0	-5953000,0
58.32	-17115,3	1720,6	-1434000,0	-4308000,0	84280000,0	-1873000,0
58.33	-36163,2	-356,4	-1472000,0	1376000,0	80690000,0	605654,0
58.34	-22834,7	-3414,3	-1710000,0	-300724,0	100100000,0	4685000,0
58.35	-30564,9	4717,9	-1201000,0	-2696000,0	65170000,0	-5860000,0
58.36	-17236,4	1660,0	-1439000,0	-4373000,0	84590000,0	-1780000,0
58.37	-36042,2	-295,8	-1466000,0	1441000,0	80380000,0	512969,0
58.38	-22713,6	-3353,7	-1705000,0	-235846,0	99800000,0	4593000,0

Calcolo resistenze

Resistenza a trazione dei bulloni $F_{tb,Rd} = 0,9 \bullet f_{tb} \bullet A_{res} / \gamma_{M2} =$ 333863,3 N

Resistenza a punzonamento flangia $B_{pf,Rd} = 0,6 \bullet \pi \bullet d_m \bullet t_f \bullet f_{tk} / \gamma_{M2} =$ 1193102,0 N

Bull.	$F_{f,Rd}$ [N]	$F_{t,Rd}$ [N]
1	291342,4	291342,4
2	291342,4	291342,4
3	291342,4	291342,4
4	291342,4	291342,4
5	291342,4	291342,4
6	291342,4	291342,4

Legenda

$F_{f,Rd} = M_{res,m} / (B_m \bullet R_m)$ resistenza a flessione flangia

$F_{t,Rd} = \min [F_{tb,Rd} , B_{pf,Rd} , F_{f,Rd}]$ resistenza a trazione di progetto

Resistenza a taglio dei bulloni $F_{vb,Rd} = 0,6 \bullet f_{tb} \bullet A_{res} / \gamma_{M2} =$ 222575,6 N

Bull.	$F_{bf,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bf,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	707263,8	222575,6	419352,3	222575,6
2	475365,2	222575,6	633036,8	222575,6
3	475365,2	222575,6	633036,8	222575,6
4	707263,8	222575,6	419352,3	222575,6
5	475365,2	222575,6	633036,8	222575,6
6	475365,2	222575,6	633036,8	222575,6

Legenda

$F_{bf,x,Rd} = k \bullet \alpha \bullet f_{tk} \bullet Ø \bullet t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione x

$F_{v,x,Rd} = \min [F_{vb,Rd} , F_{bf,x,Rd}]$ resistenza a taglio di progetto in direzione x

$F_{bf,y,Rd} = k \bullet \alpha \bullet f_{tk} \bullet Ø \bullet t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione y

$F_{v,y,Rd} = \min [F_{vb,Rd} , F_{bf,y,Rd}]$ resistenza a taglio di progetto in direzione y

Verifiche sui bulloni

1-Taglio e trazione (Nodo n. 58, CMB n. 10)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_1	VER
1	0,00	-299,00	7382,0	222575,6	0,0	291342,4	0,033166	Ok
2	258,94	-149,50	11089,1	222575,6	0,0	291342,4	0,049822	Ok
3	258,94	149,50	11826,4	222575,6	0,0	291342,4	0,053134	Ok
4	0,00	299,00	9395,9	222575,6	0,0	291342,4	0,042215	Ok
5	-258,94	149,50	4450,8	222575,6	0,0	291342,4	0,019997	Ok
6	-258,94	-149,50	1707,2	222575,6	0,0	291342,4	0,007670	Ok

2-Trazione (Nodo n. 58, CMB n. 1)

Bull.	X [mm]	Y [mm]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_2	VER
1	0,00	-299,00	0,0	291342,4	0,000000	Ok
2	258,94	-149,50	0,0	291342,4	0,000000	Ok
3	258,94	149,50	0,0	291342,4	0,000000	Ok
4	0,00	299,00	0,0	291342,4	0,000000	Ok
5	-258,94	149,50	0,0	291342,4	0,000000	Ok

6	-258,94	-149,50	0,0	291342,4	0,000000	Ok

Legenda

$F_{v,Ed}$ forza di taglio agente sul bullone
$F_{v,Rd}$ resistenza a taglio di progetto del bullone
$F_{t,Ed}$ forza di trazione agente sul bullone
$F_{t,Rd}$ resistenza a trazione di progetto del bullone
$FV_1 = F_{v,Ed} / F_{v,Rd} + F_{t,Ed} / (1.4 \bullet F_{t,Rd})$
$FV_2 = F_{t,Ed} / F_{t,Rd}$
VER $\rightarrow$ $FV_i \leq 1$

Verifiche a flessione piastra in zona compressa

Sezione tangente al profilo della trave nel punto equidistante da due nervature (Nodo n. 58, CMB n. 1)

Pressione massima a bordo piastra $p_{max} = 16,71$ N/mm^2
Risultante pressioni $R_{pre} = 398542,80$ N
Braccio della risultante $B_{ris} = 34,3$ mm
Modulo di resistenza minimo $W_{min} = 432686,8$ mm^3
Momento resistente $M_{p,Rd} =$ 113322700,0 N mm
Momento massimo $M_{p,Ed} =$ 13684990,0 N mm
$M_{p,Ed} / M_{p,Rd} = 0,120761$ Ok

Sezione tangente al profilo della trave nel punto di attacco di una nervatura (Nodo n. 58, CMB n. 1)

Pressione massima a bordo piastra $p_{max} = 16,71$ N/mm^2
Risultante pressioni $R_{pre} = 380208,40$ N
Braccio della risultante $B_{ris} = 34,3$ mm
Modulo di resistenza minimo $W_{min} = 203637,0$ mm^3
Momento resistente $M_{p,Rd} =$ 53333500,0 N mm
Momento massimo $M_{p,Ed} =$ 13036100,0 N mm
$M_{p,Ed} / M_{p,Rd} = 0,244426$ Ok

Controllo sovra-resistenza collegamento

Il controllo non viene effettuato poichè non è possibile calcolare il momento resistente del giunto in corrispondenza delle combinazioni sismiche, data l'assenza di trazione nei bulloni

Ancoraggio

Tirafondi ad aderenza

Lunghezza tirafondi $L_t =$ 1000 mm

Calcestruzzo

Resistenza cubica caratteristica a compressione	$R_{ck} =$	40,00 N/mm^2
Resistenza cilindrica caratteristica a compressione	$f_{ck} = 0,83 \bullet R_{ck} =$	33,20 N/mm^2
Resistenza di calcolo a compressione	$f_{cd} = \alpha_{cc} \bullet f_{ck} / \gamma_C =$	18,81 N/mm^2
Resistenza caratteristica a trazione	$f_{ctk} = 0,7 \bullet 0,30 \bullet f_{ck}^{2/3} =$	2,17 N/mm^2
Resistenza tangenziale di aderenza di calcolo	$f_{bd} = 2.25 \bullet \eta \bullet f_{ctk} / \gamma_C =$	3,25 N/mm^2

Compressione massima calcestruzzo (Nodo n. 58, CMB n. 1)

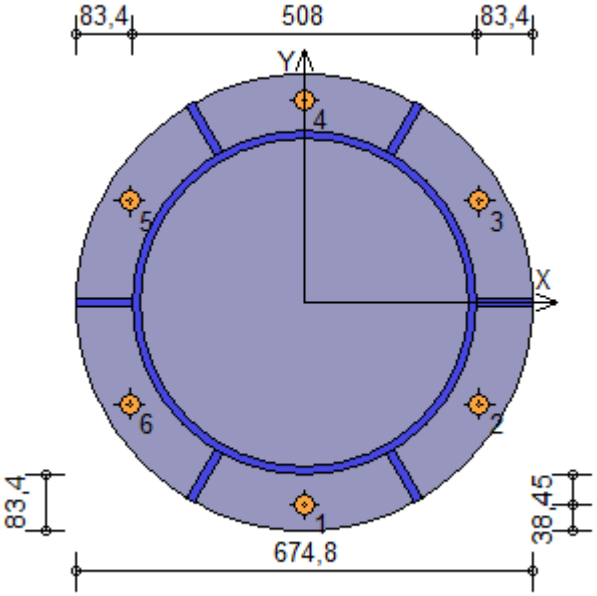
$p_{max} = 16,71$ N/mm^2 < f_{cd} Ok

Verifica ancoraggio

Si considera la massima resistenza a trazione di progetto dei tirafondi

Trazione di progetto dell'ancoraggio	$F_{t,an,Ed} = \max [F_{t,Rd}] =$	291342,4 N
Resistenza a trazione per aderenza	$F_{t,ad,Rd} = L_t \bullet \pi \bullet \varnothing \bullet f_{bd} =$	306671,7 N

$F_{t,ad,Rd} > F_{t,an,Ed}$ Ok


83,4
508
83,4
Y
X
4
5
3
6
2
1
83,4
38,45
674,8