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di approvazione regionale L. 24 / 87

D.P.R. 509/97
Decr. Min. Trasporti e Navigazione 14.04.98
Conf. Servizi L. 241/90 e s.m.i.

PROGETTO PER LA TRASFORMAZIONE URBANISTICA DEI CANTIERI NAVALI RODRIQUEZ IN UN PORTO TURISTICO CON ANNESSE STRUTTURE PUBBLICHE, RICETTIVE, RESIDENZIALI E PRODUTTIVE



PROGETTO DEFINITIVO

PROGETTO STRUTTURALE

CANTIERE NAVALE

OPERA	FASE	SETTORE	TAVOLA N°	REV	FILE
OA	PD	ST	E101		

Rif. Dis.	Data	Rev.	DESCRIZIONE	SCALA
	GIUGNO 2012	0	CALCOLI STRUTTURALI	

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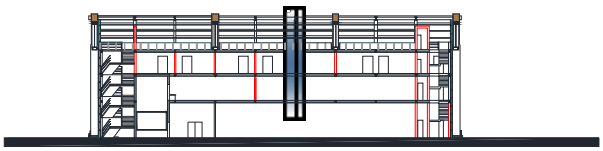
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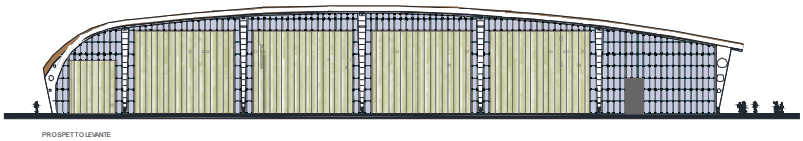
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1 PREMESSE

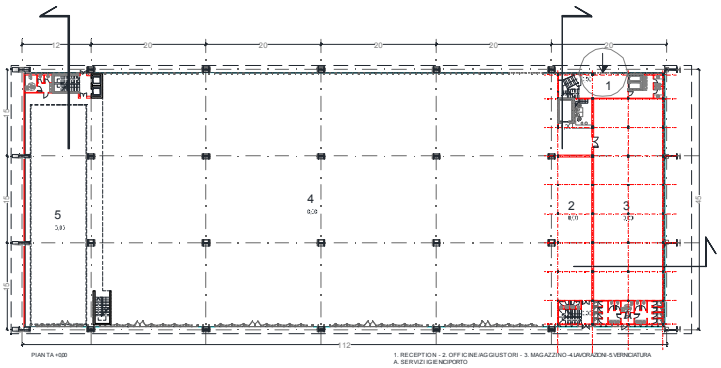
La presente relazione riporta e commenta l'analisi di dimensionamento del cantiere navale, opera prevista nel quadro di realizzazione del progetto definitivo per la trasformazione urbanistica e produttiva dei Cantieri Navali Rodriquez a Pietra Ligure, con annesse strutture pubbliche, ricettive, residenziali e portuali diportistiche.
Si tratta di una struttura metallica di grande luce che presenta una pianta rettangolare di dimensioni 112mx45m circa, l'altezza massima è pari a 18.30m. La copertura è realizzata mendiante travi principali curve in legno lamellare di dimensione 0.8mx1.0m, tali travi appoggiano su un profilo accoppiato di HEA300 anch'esse curve che fungono da separazione tra la struttura metallica e la trave in legno. L'orditura secondaria è realizzata mediante travi HEA600 disposte ogni 5m, su tali travi appoggia l'orditura terziaria realizzata mediante profili HEA300. Sulla struttura terziaria viene ordito il pannello sandwich di copertura tipo PENTA AC (italpannelli), che lavora su una luce di 5 m e porta i pannelli fotovoltaici presenti sulla copertura.
La struttura principale a sostegno della copertura è composta da colonne di sezione variabile con l'altezza a partire dal piano di fondazione in cui si ha un profilo HEA700, fino ad arrivare in copertura ad un profilo HEA1400. Vi sono sue strutture secondarie, atte ad ospitare gli uffici, spogliatoi etc..realizzate una mediante colonne HEA360 e travi HEA220 ai vari piani, mentre dal lato opposto troviamo una trave parete reticolare appesa alla copertura ed una trave reticolare incernierata nelle colonne, che sostiengono travi HEA200 disposte ogni 2.25m. In queste zone il solaio viene realizzato mediante lamiera grecata con getto collaborante tipo HI-Bond A55P600 di altezza 12cm e spessore della lamiera 1.3mm. Il cantiere è realizzato su un terreno di colmanta per cui la fondazione è realizzata mediante platea su pali di grosso diametro, infissi fino a raggiungere delle migliori caratteristiche del terreno.



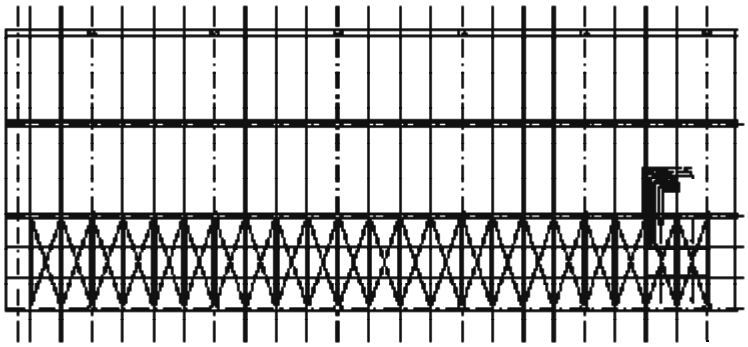
Sezione trasversale



Sezione longitudinale



Pianta



Pianta coeprtura

In base alla nuova normativa sismica contenuta nelle *"Norme Tecniche per le Costruzioni"*, si attribuisce all'opera una vita nominale di 50 anni (tipo di costruzione 2: opere ordinarie, ponti, opere infrastrutturali e dighe di dimensioni contenute o di importanza normale) ed una classe d'uso III: il periodo di riferimento per l'azione sismica risulta pertanto pari a 75 anni.

Per ulteriori dettagli si rimanda agli elaborati grafici di progetto.

2 NORMATIVA DI RIFERIMENTO E RIFERIMENTI BIBLIOGRAFICI

I calcoli sviluppati nel seguito sono stati svolti nello spirito del metodo *"agli Stati Limite"* e nel rispetto della normativa vigente; in particolare si sono osservate le prescrizioni contenute nelle seguenti normative.

2.1 Normativa emessa dallo stato italiano

Ministero delle Infrastrutture - D.M. 14/01/2008: "Nuove norme tecniche per le costruzioni";

- Legge n.1086 del 05/11/1971: "Norme per la disciplina delle opere di conglomerato cementizio armato, normale e precompresso ed a struttura metallica";
- Legge n.64 del 02/02/1974: "Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche";

Circ.Min. n°617 del 02/02/2009: "Istruzioni per l'applicazione delle Norme tecniche per le costruzioni di cui al D.M. 14 gennaio 2008";

- Consiglio Superiore dei Lavori Pubblici - Servizio Tecnico Centrale (febbraio 2008): "Linee guida per la messa in opera del calcestruzzo strutturale e per la valutazione delle caratteristiche meccaniche del calcestruzzo indurito mediante prove non distruttive";

Ministero dei LL.PP. - D.M. 11/03/1988: "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";

Ministero dei LL.PP. - Circ. n°30483 del 24/09/1988: Istruzioni per l'applicazione delle "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".

2.2 Normativa emessa da enti pubblici

CNR-10016/2000: "Travi composte in acciaio e calcestruzzo: istruzioni per l'impiego nelle costruzioni";

- **CNR-10011/97:** "Costruzioni in acciaio: Istruzioni per il calcolo, l'esecuzione, il collaudo, la manutenzione";
- **CNR-10030/87:** "Anime irrigidite di travi a parete piena";

CNR-10018/85: "Apparecchi d'appoggio in gomma e PTFE nelle costruzioni: Istruzioni per il calcolo e l'impiego";

- **CNR-DT 207/2008:** "Istruzioni per la valutazione delle azioni e degli effetti del vento sulle costruzioni";

UNI EN 197-1: "Cemento - Composizione, specificazioni e criteri di conformità per cementi comuni.

- **UNI EN 206-1:** "Calcestruzzo - Specificazioni, prestazioni, produzione e conformità".

UNI 11104/2004: "Calcestruzzo - Specificazione, prestazione, produzione e conformità – Istruzioni complementari per l'applicazione della EN 206-1".

2.3 Riferimenti bibliografici

Castellani: **Costruzioni in zona sismica**
Masson Italia Editori 1983

Migliacci – F. Mola: **Progetto agli stati limite delle strutture in c.a.**
Masson Italia Editori 1985

C. Cestelli Guidi: **Geotecnica e tecnica delle fondazioni**
Ulrico Hoepli Editore 1987

R. Lancellotta: **Geotecnica**
Edizioni Zanichelli 1987

Ballio G., Mazzolani F.M.**Strutture in acciaio** *Ulrico Hoepli Editore – 2000*

Bowles J.E.: **Fondation Analysis and Design 4th edition**
McGraw-Hill – New York, 1988

Edward L. Wilson: **Three dimensional Static and Dynamic Analysis of Structures**
A physical approach with emphasis on earthquake engineering
CSI Berkeley CA, USA 1998

3 PROGRAMMI PER L'ANALISI AUTOMATICA

CDM DOLMEN e omnia IS rel. 11.0.0
Programma di calcolo ad elementi finiti monodimensionali, bidimensionali e tridimensionali, strutturale e geotecnico.

4 CARATTERISTICHE DEI MATERIALI

4.1 Acciaio per carpenteria metallica

Si utilizza un acciaio strutturale resistente agli agenti atmosferici tipo **S-355 J0**, conforme alle norme UNI EN 10025-2, con le seguenti caratteristiche meccaniche:

Modulo elastico	E =	210000	N/mm^2
Tensione caratteristica di snervamento (t ≤ 40 mm)	f_{yk} =	355.00	N/mm^2
Tensione caratteristica di rottura (t ≤ 40 mm)	f_{tk} =	510.00	N/mm^2
Coefficiente di sicurezza per resistenza membrature	γ_{M0} =	1.05	--
Coefficiente di sicurezza per instabilità nei ponti	γ_{M1} =	1.10	--
Resistenza, nei riguardi della frattura, delle sezioni tese	γ_{M2} =	1.25	--
Resistenza di calcolo membrature (t ≤ 40 mm)	f_d =	338.10	N/mm^2
Resistenza di calcolo per instabilità (t ≤ 40 mm)	f_d =	322.73	N/mm^2
Resistenza di calcolo sezioni tese (t ≤ 40 mm)	f_d =	284.00	N/mm^2

4.2 Saldature

In base a quanto riportato in D.M. 14/01/2008 paragrafo 11.3.4.5, la saldatura degli acciai dovrà avvenire con uno dei procedimenti all'arco elettrico codificati secondo la norma UNI EN ISO 4063:2001.
In particolare tutte le saldature delle membrature principali dovranno essere a **completo ripristino di I classe**.
Le saldature delle orditure secondarie saranno **a cordoni d'angolo continue**, con spessore di gola minimo pari a 0.7 volte lo spessore minimo da unire.

4.3 Unioni bullonate

Si utilizzano bulloni ad alta resistenza di **classe 10.9**.
Per le caratteristiche meccaniche si fa riferimento a quanto riportato nel paragrafo 11.3.4.6.1 del D.M. 14/01/2008.

4.4 Calcestruzzo per getti in opera elevazioni Rck ≥ 40 N/mm2

Classe di esposizione	XS1
Rapporto massimo acqua/cemento	0.50
Classe di resistenza	C32/40
Contenuto minimo di cemento	340
Tipo di cemento	CEM I÷II
Slump	S4
Diametro massimo inerte	16 mm

Classe di Resistenza				**C32/40**	
Resistenza caratteristica a compressione cubica	R_{ck} =			**40.00**	N/mm^2
Resistenza caratteristica a compressione cilindrica	f_{ck} =	$0.83 \times R_{ck}$	=	33.20	N/mm^2
Resistenza media a compressione cilindrica	f_{cm} =	$f_{ck}+8$	=	41.20	N/mm^2
Modulo elastico	E_c =	$22000 \times (f_{cm}/10)^{0.3}$	=	33642.78	N/mm^2
Resistenza a trazione semplice	f_{ctm} =	$0.30 \times f_{ck}^{2/3}$	=	3.10	N/mm^2
Resistenza a trazione caratteristica (frattile 5%)	f_{ctk} =	$0.70 \times f_{ctm}$	=	2.17	N/mm^2
Stato Limite Ultimo					
Coefficiente parziale di sicurezza	γ_C =			1.50	--

Coefficiente riduttivo per resistenze di lunga durata	α_{cc}	=		0.85	--
Resistenza a compressione di calcolo	f_{cd}	=	$\alpha_{cc} \cdot f_{ck}/\gamma_C$	= 18.81	N/mm^2
Resistenza a trazione di calcolo	f_{ctd}	=	f_{ctk}/γ_C	= 1.45	N/mm^2
Stato Limite di Esercizio					
Tensione max di compressione - Comb. rara	σ_c	<	$0.60 \cdot f_{ck}$	= 19.92	N/mm^2
Tensione max di compressione - Comb. quasi permanente	σ_c	<	$0.45 \cdot f_{ck}$	= 14.94	N/mm^2

4.5 Calcestruzzo per getti in opera parti interrate Rck ≥ 45 N/mm2

Classe di esposizione	XS2
Rapporto massimo acqua/cemento	0.45
Classe di resistenza	C35/45
Contenuto minimo di cemento	360
Tipo di cemento	CEM I÷II
Slump	S4
Diametro massimo inerte	16 mm

Classe di Resistenza				**C35/45**	
Resistenza caratteristica a compressione cubica	R_{ck}	=		**45.00**	N/mm^2
Resistenza caratteristica a compressione cilindrica	f_{ck}	=	$0.83 \cdot R_{ck}$	= 37.35	N/mm^2
Resistenza media a compressione cilindrica	f_{cm}	=	$f_{ck}+8$	= 45.35	N/mm^2
Modulo elastico	E_c	=	$22000 \cdot (f_{cm}/10)^{0.3}$	= 34625.49	N/mm^2
Resistenza a trazione semplice	f_{ctm}	=	$0.30 \cdot f_{ck}^{2/3}$	= 3.35	N/mm^2
Resistenza a trazione caratteristica (frattile 5%)	f_{ctk}	=	$0.70 \cdot f_{ctm}$	= 2.35	N/mm^2
Stato Limite Ultimo					
Coefficiente parziale di sicurezza	γ_C	=		1.50	--
Coefficiente riduttivo per resistenze di lunga durata	α_{cc}	=		0.85	--
Resistenza a compressione di calcolo	f_{cd}	=	$\alpha_{cc} \cdot f_{ck}/\gamma_C$	= 21.17	N/mm^2
Resistenza a trazione di calcolo	f_{ctd}	=	f_{ctk}/γ_C	= 1.56	N/mm^2
Stato Limite di Esercizio					
Tensione max di compressione - Comb. rara	σ_c	<	$0.60 \cdot f_{ck}$	= 22.41	N/mm^2
Tensione max di compressione - Comb. quasi permanente	σ_c	<	$0.45 \cdot f_{ck}$	= 17.93	N/mm^2

4.6 Calcestruzzo magro per sottofondazioni Rck ≥ 15 N/mm2

Classe di esposizione	X0
Rapporto massimo acqua/cemento	-
Classe di resistenza	C12/15
Contenuto minimo di cemento	150 kg/m^3
Tipo di cemento	CEM I÷V
Slump	-
Diametro massimo inerte	32 mm

4.7 Acciaio ordinario per armatura lenta B450C

Tensione caratteristica di rottura (frattile 5%)	f_{tk}	=		540.00	N/mm^2
Tensione caratteristica di snervamento (frattile 5%)	f_{yk}	=		450.00	N/mm^2
Stato Limite Ultimo					
Coefficiente parziale di sicurezza	γ_S	=		1.15	--
Resistenza a trazione di calcolo	f_{yd}	=	f_{yk}/γ_S	= 391.30	N/mm^2
Stato Limite di Esercizio					
Tensione massima di trazione	σ_s	<	$0.80 \cdot f_{yk}$	= 360.00	N/mm^2

5 CARATTERIZZAZIONE GEOTECNICA

5.1 Caratterizzazione dei terreni

Nel seguito del documento si farà costante riferimento a quanto riportato nella Relazione Geologica e nella relazione geotecnica, della quale nel seguito si riportano le tabelle riassuntive.

Sabbie ghiaiose I tra 1 e 3 metri dal p.c..

Tale strato è costituito da sabbie ghiaiose per le quali possono essere assunti i seguenti valori geotecnici medi.

Parametri	Simbolo	Unità	Valori medi
Peso di volume naturale medio	γ	KN/m^3	19
Angolo di attrito interno medio	ø	°	30
Angolo di attrito interno medio a volume costante[2]	$ø_{cv}$	°	25
Coesione efficace media	c'	KPa	0
Densità relativa media	Dr	%	75
Coefficiente di Poisson medio	μ	---	0.49
Modulo edometrico medio	Ed	MPa	15
Modulo Young medio	Es	MPa	30
Velocità delle onde S media	Vs	m/sec	175

Ghiaie sabbiose tra 3 e 5 m dal p.c..

Tale strato è costituito da ghiaie sabbiose per le quali possono essere assunti i seguenti valori geotecnici.

Parametri	Simbolo	Unità	Valori medi
Peso di volume naturale medio	γ	KN/m^3	19
Angolo di attrito interno medio	ø	°	33
Angolo di attrito interno medio a volume costante[3]	$ø_{cv}$	°	26
Coesione efficace media	c'	KPa	0
Densità relativa media	Dr	%	85
Coefficiente di Poisson medio	μ	---	0.49
Modulo edometrico medio	Ed	MPa	30
Modulo Young medio	Es	MPa	45
Velocità delle onde S media	Vs	m/sec	175

Sabbie medio fini/fini tra 5 e 12 m dal p.c..

Tale strato è costituito da sabbie medio fini e fini per le quali possono essere assunti i seguenti valori geotecnici.

Parametri	Simbolo	Unità	Valori medi
Peso di volume naturale medio	γ	KN/m^3	19
Angolo di attrito interno medio	ø	°	30
Angolo di attrito interno medio a volume costante[4]	$ø_{cv}$	°	25
Coesione efficace media	c'	KPa	0
Densità relativa media	Dr	%	45
Coefficiente di Poisson medio	μ	---	0.49
Modulo edometrico medio	Ed	MPa	14
Modulo Young medio	Es	MPa	28
Velocità delle onde S media	Vs	m/sec	250

Sabbie tra 12 e 17 m dal p.c..

Tale strato è costituito da sabbie per le quali possono essere assunti i seguenti valori geotecnici.

Parametri	Simbolo	Unità	Valori medi
Peso di volume naturale medio	γ	KN/m³	19
Angolo di attrito interno medio	ø	°	31
Angolo di attrito interno medio a volume costante[5]	$ø_{cv}$	°	25
Coesione efficace media	c'	KPa	0
Densità relativa media	Dr	%	60
Coefficiente di Poisson medio	μ	---	0.49
Modulo edometrico medio	Ed	MPa	30
Modulo Young medio	Es	MPa	45
Velocità delle onde S media	Vs	m/sec	350

Sabbie ghiaiose II tra 17 e 23 m dal p.c..

Tale strato è costituito da sabbie ghiaiose per le quali possono essere assunti i seguenti valori geotecnici.

Parametri	Simbolo	Unità	Valori medi
Peso di volume naturale medio	γ	KN/m³	19
Angolo di attrito interno medio	ø	°	31
Angolo di attrito interno medio a volume costante[6]	$ø_{cv}$	°	25
Coesione efficace media	c'	KPa	0
Densità relativa media	Dr	%	60
Coefficiente di Poisson medio	μ	---	0.45
Modulo edometrico medio	Ed	MPa	30
Modulo Young medio	Es	MPa	45
Velocità delle onde S media	Vs	m/sec	550

Sabbie ghiaiose ciottolose tra 23 e 30 m dal p.c..

Tale strato è costituito da sabbie ghiaiose per le quali possono essere assunti i seguenti valori geotecnici.

Parametri	Simbolo	Unità	Valori medi
Peso di volume naturale medio	γ	KN/m³	21
Coefficiente di Poisson medio	μ	---	0.40
Velocità delle onde S media	Vs	m/sec	650

Il substrato roccioso, individuato per mezzo della geofisica, è suddivisibile in tre distinti e come di seguito descritti.

Bedrock I.

Parametri	Simbolo	Unità	Valori medi
Peso di volume naturale medio	γ	KN/m^3	22
Coefficiente di Poisson medio	μ	---	0.35
Velocità delle onde S media	Vs	m/sec	850

Bedrock II.

Parametri	Simbolo	Unità	Valori medi
Peso di volume naturale medio	γ	KN/m^3	23
Coefficiente di Poisson medio	μ	---	0.30
Velocità delle onde S media	Vs	m/sec	1200

Bedrock III.

Parametri	Simbolo	Unità	Valori medi
Peso di volume naturale medio	γ	KN/m^3	24
Coefficiente di Poisson medio	μ	---	0.25
Velocità delle onde S media	Vs	m/sec	2200

La quota della falda è pari a 2 metri al di sotto del p.c.

6 CRITERI DI VERIFICA PER IL CLS

6.1 Verifiche agli Stati Limite Ultimi

6.1.1 Verifica per sollecitazioni di presso/tenso-flessione

Come previsto dal DM 14.01.2008 al § 4.1.2.1.2.4 con riferimento alla generica sezione la verifica di resistenza allo SLU si esegue controllando che:

$$M_{Rd} - M_{Rd}(N_{Ed}) \geq M_{Ed}$$

dove:

- M_{Rd} è il valore di calcolo del momento resistente corrispondente a N_{Ed};
- N_{Ed} è il valore di calcolo della componente assiale (sforzo normale) dell'azione;
- M_{Ed} è il valore di calcolo della componente flettente dell'azione.

6.1.2 Verifica per sollecitazione tagliante

Per la verifica a sollecitazione tagliante si esegue dapprima la verifica degli *elementi senza armature resistenti a taglio,* secondo quanto previsto dal Ministero delle Infrastrutture nel D.M. 14.01.2008 al punto 4.1.2.1.3.1.
Indicato con V_{Ed} il valore di calcolo dello sforzo di taglio agente allo SLU, si verifica controllando che risulti:

$$V_{Ed} < V_{Rd} = \max\left\{\left[0.18 \cdot k \cdot \frac{\sqrt[3]{100 \cdot \rho_l \cdot f_{ck}}}{\gamma_c} + 0.15 \cdot \sigma_{cp}\right] \cdot b_w \cdot d;\ (v_{min} + 0.15 \cdot \sigma_{cp}) \cdot b_w \cdot d\right\}$$

dove:

$k \quad 1 + \sqrt{\frac{200}{d}} \leq 2$	con d altezza utile della sezione espressa in mm
$v_{min} \quad 0.035 \cdot \sqrt{k^3} \cdot \sqrt{f_{ck}}$	
$\rho_l \quad \frac{A_{sl}}{b_w \cdot d} < 0.02$	con b_w larghezza minima della sezione espressa in mm
$\sigma_{cp} \quad \frac{N_{Ed}}{A_c} \leq 0.2 \cdot f_{cd}$	tensione media di compressione nella sezione

Qualora la verifica non andasse a buon fine è necessario ricorrere ad *elementi provvisti di armature resistenti a taglio* secondo quanto previsto al punto 4.1.2.1.3.2 del già citato D.M..
Con riferimento all'armatura trasversale, la resistenza di calcolo a "*taglio-trazione*" si calcola con:

$$V_{Rsd} \quad 0.9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (\mathrm{ctg}\alpha + \mathrm{ctg}\vartheta) \cdot \sin\alpha$$

Con riferimento al calcestruzzo d'anima, la resistenza di calcolo a "*taglio-compressione*" si calcola con:

$$V_{Rcd} = 0.9 \cdot d \cdot b_w \cdot \alpha_c \cdot f'_{cd} \cdot \frac{\mathrm{ctg}\alpha + \mathrm{ctg}\vartheta}{1 + \mathrm{ctg}^2\vartheta}$$

La resistenza a taglio dell'elemento strutturale è la minore delle due sopra definite:

$$V_{Rd} \quad \min(V_{Rsd}; V_{Rcd})$$

Nelle precedenti espressioni, i nuovi parametri, introdotti rispetto al caso di elementi sprovvisti di armatura a taglio, assumono il seguente significato:

θ	inclinazione dei puntoni di calcestruzzo rispetto all'asse dell'elemento con la limitazione $1.0 \leq \text{ctg}\,\theta \leq 2.5$
α	inclinazione dell'armatura trasversale rispetto all'asse dell'elemento
A_{sw}	area dell'armatura trasversale
s	interasse tra due armature trasversali consecutive
$f'_{cd} = 0.5 \cdot f_{cd}$	resistenza a compressione ridotta del calcestruzzo d'anima
α_c	coefficiente maggiorativi pari a:
	1 per membrature non compresse
	$1 + \sigma_{cp}/f_{cd}$ per $0 \leq \sigma_{cp} < 0.25 \times f_{cd}$
	1.25 per $0.25\, f_{cd} \leq \sigma_{cp} \leq 0.5 \times f_{cd}$
	$2.5 \times (1-\sigma_{cp}/f_{cd})$ per $0.5 \times f_{cd} < \sigma_{cp} < f_{cd}$

6.2 Verfifiche agli Stati Limite di esercizio

Le verifiche agli SLE si risolvono nel controllare che i valori di tensione nei materiali siano inferiori ai limiti di normativa (punto 4.1.2.2.5 del D.M. 14.01.2008).

- Calcestruzzo compresso:
  - Combinazione rara $\sigma_c < 0.60 \times f_{ck}$ per cls R_{ck} 40 $\rightarrow \sigma_c < 19.92$ N/mm^2
  - Combinazione quasi permanente $\sigma_c < 0.45 \times f_{ck}$ per cls R_{ck} 40 $\rightarrow \sigma_c < 14.94$ N/mm^2
- Acciaio teso:
  - Combinazione rara $\sigma_s < 0.80 \times f_{yk}$ per acciaio B450 $\rightarrow \sigma_s < 360.0$ N/mm^2

6.3 Verifiche a fessurazione

6.3.1 Premessa

Viene eseguita la verifica allo stato limite di apertura delle fessure con riferimento al D.M. 14.01.2008 "Norme Tecniche per le Costruzioni" (§ 4.1.2.2.4).
Prima di procedere alle verifiche a fessurazione è necessario definire delle apposite combinazioni di carico ed effettuare una valutazione relativa al grado di protezione delle armature metalliche contro la corrosione (in termini di condizioni ambientali e sensibilità delle armature stesse alla corrosione).
Si distinguono i seguenti casi (riportati nella tabella 4.1.II del D.M. 14.01.2008):

- ***Combinazioni di azioni:***
  - Frequente (indicata con FR);
  - Quasi Permanente (indicata con QP).
- ***Condizioni ambientali:***
  - Ordinarie;
  - Aggressive;
  - Molto Aggressive.
- ***Sensibilità delle armature alla corrosione:***
  - Sensibili (acciai da precompresso);
  - Poco sensibili (acciai ordinari).

Come criteri di scelta dello stato limite di fessurazione si fa riferimento alla tabella di seguito riportata.

Gruppi di esigenze	Condizioni ambientali	Combinazione di azioni	Armatura			
			Sensibile		Poco sensibile	
			Stato limite	w_d	Stato limite	w_d
a	Ordinarie	frequente	apertura fessure	$\leq w_2$	apertura fessure	$\leq w_3$
		quasi perman.	apertura fessure	$\leq w_1$	apertura fessure	$\leq w_2$
b	Aggressive	frequente	apertura fessure	$\leq w_1$	apertura fessure	$\leq w_2$
		quasi perman.	decompressione	-	apertura fessure	$\leq w_1$
c	Molto aggressive	frequente	formazione fessure	-	apertura fessure	$\leq w_1$
		quasi perman.	decompressione	-	apertura fessure	$\leq w_1$

Si considerano i seguenti valori limite di apertura delle fessure: w_1 = 0.2 mm;
w_2 = 0.3 mm;
w_3 = 0.4 mm.

Con l'ausilio del programma di calcolo "STS Stati Limite", si procede al calcolo del valore caratteristico dell'ampiezza della fessura w_d, confrontandolo con i valori limite precedentemente definiti.

Il calcolo è condotto attraverso i seguenti passaggi:
- Valutazione della distanza media tra le fessure (Δ_{sm});
- Valutazione della deformazione media delle barre d'armatura (ε_{sm});
- Valutazione dell'ampiezza delle fessure (valore medio e valore di calcolo).

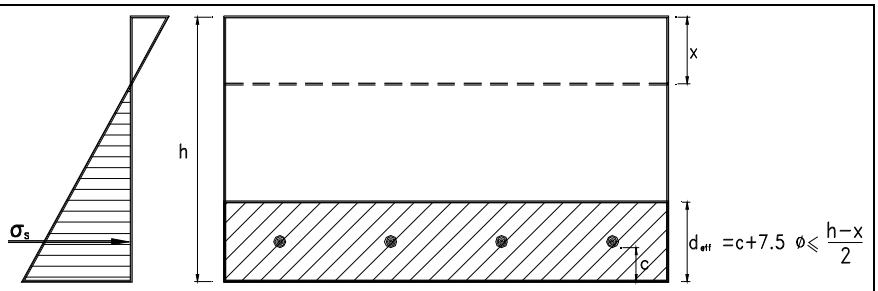
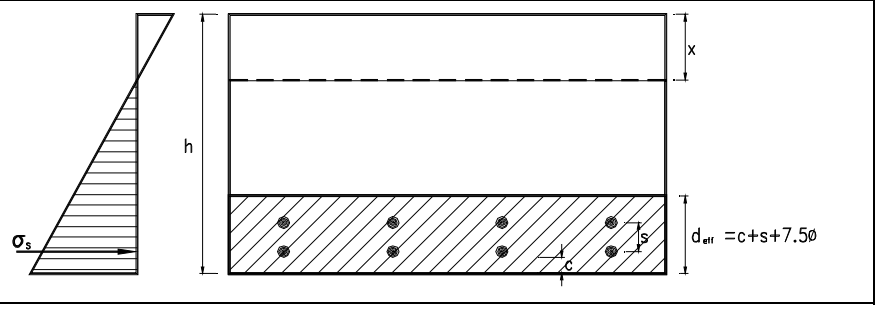
Per il calcolo di Δ_{sm} e ε_{sm} si utilizzano criteri consolidati riportati nella letteratura tecnica: in particolare si fa riferimento alla Circolare del Ministero dei Lavori Pubblici n°252 del 15/10/1996 (*"Istruzioni relative alle Norme Tecniche per l'esecuzione delle opere in cemento armato normale e precompresso e per le strutture metalliche di cui al D.M. 09.01.1996"*).

In base alla tabella 4.1.III del D.M. 14.01.2008, le classi di esposizione individuate per le opere in esame riconducono a condizioni ambientali del tipo "Aggressive" e "Molto aggressive". Pertanto, secondo la tabella 4.1.IV:

Gruppi di esigenze	**Condizioni ambientali**	**Combinazione**	**Armatura poco sensibile**	
			Stato Limite	**w_d**
b	Aggressive (XS1)	Frequente	Apertura fessure	$\leq w_2 = 0.3$ mm
		Quasi permanente	Apertura fessure	$\leq w_1 = 0.2$ mm
c	Molto Aggressive (XS2)	Frequente	Apertura fessure	$\leq$ w2 = 0.2 mm
		Quasi permanente	Apertura fessure	$\leq$ w1 = 0.2 mm

6.3.2 Valutazione della distanza media tra le fessure

Si definisce l'area efficace A_{ceff} come l'area di calcestruzzo entro la quale la barra di acciaio può effettivamente influenzare l'apertura della fessura. In base alle indicazioni riportate nella Circ. Min. LL.PP. n°252, si definisce l'altezza efficace con riferimento agli schemi di seguito riportati.

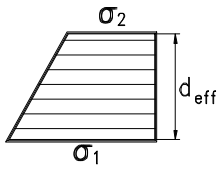
Caso 1: Lembo teso con un solo ordine di tondini d'armatura.	
Caso 2: Lembo teso con più livelli di tondini d'armatura.	

La distanza media tra le fessure, per la condizione di fessurazione stabilizzata in corrispondenza del livello baricentrico dell'armatura all'interno dell'area efficace, è data da:

$$s_{rm} = 2 \cdot \left(c + \frac{s}{10}\right) + k_2 \cdot k_3 \cdot \frac{\phi}{\rho_r}$$

dove:

- c = ricoprimento dell'armatura (copriferro netto);
- s = distanza tra le barre d'armatura; se $s > 14 \cdot \phi$ si adotterà $s = 14 \cdot \phi$;
- ϕ = diametro della barra;
- k_2 = coefficiente che caratterizza l'aderenza del cls alla barra, a cui si assegnano i seguenti valori:
  - 0.4 per barre ad aderenza migliorata;
  - 0.8 per barre lisce.
- k_3 = coefficiente che tiene conto della forma del diagramma delle tensioni prima della fessurazione, in base al seguente prospetto:
  - 0.125 (caso di diagramma triangolare di flessione e pressoflessione);
  - 0.250 (caso di trazione pura);
  - $0.25 \cdot \frac{\sigma_1 + \sigma_2}{2 \cdot \sigma_1}$ (caso di trazione eccentrica o in cui si consideri una sola parte della sezione):



- σ_1, σ_2 = trazione nel cls teso;
- $\rho_r = A_s/A_{ceff}$ = rapporto geometrico d'armatura (con A_s = area della sezione di acciaio posta nell'area A_{ceff}).

6.3.3 Valutazione della deformazione media delle barre d'armatura

La deformazione media delle barre d'armatura ε_{sm} è valutata secondo la seguente espressione che tiene conto del contributo del calcestruzzo teso che la circonda:

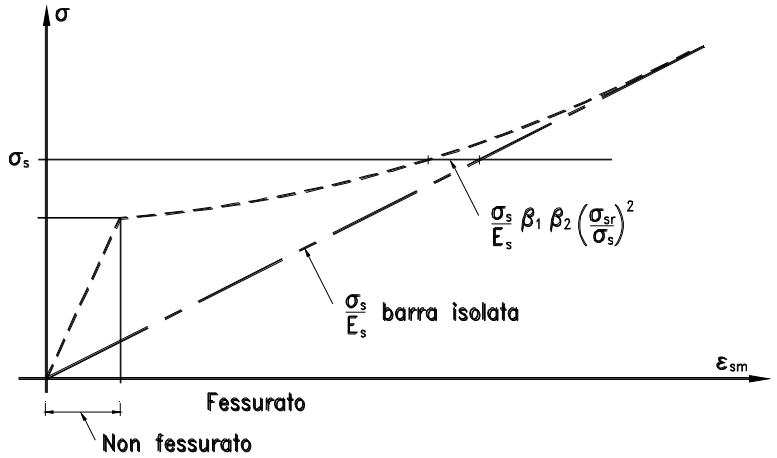
$$\varepsilon_{sm} - \frac{\sigma_s}{E_s}\left[1 - \beta_1 \cdot \beta_2 \cdot \left(\frac{\sigma_{sr}}{\sigma_s}\right)^2\right] \geq 0.4 \cdot \frac{\sigma_s}{E_s}$$

dove:

- σ_s = tensione nell'acciaio calcolata nella sezione fessurata;
- σ_{sr} = tensione nell'acciaio calcolata nella sezione fessurata per la sollecitazione corrispondente al raggiungimento della resistenza media a trazione f_{ctm} nella fibra di cls più sollecitata in sezione interamente reagente, compresa nell'area efficace.
- β_1 = coefficiente rappresentativo dell'aderenza acciaio-cls, che assume i valori:
  - 1.0 (caso di barre ad aderenza migliorata);
  - 0.5 (caso di barre lisce).
- β_2 = coefficiente che tiene conto delle condizioni di sollecitazione:
  - 1.0 (caso della prima applicazione di una forza di breve durata);
  - 0.5 (caso di azioni di lunga durata o nel caso di azioni ripetute).
- E_s = modulo elastico dell'acciaio delle barre di armatura.

In pratica si tratta di trovare i valori dell'azione assiale N e del momento flettente M (che stiano nello stesso rapporto delle sollecitazioni della combinazione di carico considerata) che portano il calcestruzzo teso della sezione completamente reagente a lavorare al suo limite. Una volta valutati, si opera la verifica della sezione parzializzata e si ricava il valore dello sforzo nell'acciaio teso.

Nella figura seguente si propone il diagramma della deformazione ε_{sm} in funzione della tensione σ_s.



Andamento della deformazione ε_{sm} in funzione della tensione σ_s

6.3.4 Valutazione dell'ampiezza delle fessure (valore medio e valore di calcolo)

L'ampiezza media delle fessure è calcolata come prodotto della deformazione media delle barre d'armatura ε_{sm} per la distanza media tra le fessure Δ_{sm}:

$$w_m = \varepsilon_{sm} \cdot \Delta_{sm}$$

Si ricava quindi il valore di calcolo di apertura delle fessure, da confrontare con i valori nominali w_1, w_2 e w_3 riportati precedentemente:

$$w_d = 1.7 \cdot w_m$$

7 CALCOLO DELLA CAPACITÀ PORTANTE DEI PALI E CURVA DI MOBILITAZIONE.

Il seguente calcolo di capacità portante vale per tutti i pali.
Si riporta integralmente il calcolo di capacità portante per la situazione peggiore (coef. di sicurezza minore): Punto maglia PM11, Caso C4 (Stato limite ultimo).

7.1 Descrizione dei metodi di calcolo utilizzati

7.1.1 Descrizione del metodo di calcolo utilizzato per la portata di base.

Il calcolo della portata di base viene effettuato col metodo ***AGI***.
Le "Raccomandazioni sui pali di fondazione" pubblicate dall'AGI nel 1984 contengono le indicazioni per il calcolo della capacità portante di pali di fondazione in terreni sciolti e coesivi, per pali infissi e trivellati. Per terreni sciolti, il metodo si basa sui fattori adimensionali di capacità portante N_c e N_q, funzione dell'angolo di resistenza al taglio φ', e sulla tensione verticale efficace σ'_v agente alla profondità della base z_b. Per terreni coesivi, il metodo si basa sulla resistenza al taglio non drenata s_u, e sulla tensione verticale totale σ_v agente alla profondità della base z_b. Considerazioni di carattere empirico hanno reso evidente la necessità di considerare l'esistenza di una profondità critica z_c. Questo metodo e' applicabile a terreni non coesivi e coesivi, sia per pali infissi (s/D~8÷10%) che per pali trivellati (s/D~25÷30%).
$q_{lim} = N_c\, c' + N_q\, \sigma'_v$ (terreno non coesivo)
$q_{lim} = 9.0\, s_u + \sigma_v$ (terreno coesivo)
Descrizione del metodo di calcolo utilizzato per la portata laterale.
Il calcolo della portata per attrito laterale viene effettuato col metodo ***AGI***.
Le "Raccomandazioni sui pali di fondazione" pubblicate dall'AGI nel 1984 contengono le indicazioni per il calcolo della capacità portante di pali di fondazione in terreni sciolti e coesivi, per pali infissi e trivellati. Per terreni sciolti, l'attrito laterale è valutato in termini di tensioni efficaci, in funzione di un coefficiente di spinta orizzontale k, dell'angolo di attrito palo-terreno μ e della tensione verticale efficace σ'_v. Per terreni coesivi, il metodo si basa sulla resistenza al taglio non drenata s_u, o, in alternativa, sull'angolo di resistenza al taglio φ' e sulla tensione verticale efficace σ'_v. Viene inoltre valutata la profondità critica z_c oltre cui l'attrito rimane costante, secondo il diametro del palo. Questo metodo e' applicabile a terreni non coesivi e coesivi, sia per pali infissi che per pali trivellati.
$f_{s,lim} = \mu\, k\, \sigma'_{v0}$ (terreno non coesivo)
$f_{s,lim} = \alpha\, s_u$ oppure $f_{s,lim} = (1 - \sin\varphi') \tan\varphi'\, \sigma'_{v0}$ (terreno coesivo)

7.1.2 Descrizione del metodo di calcolo utilizzato per il modulo di reazione orizzontale.

Il calcolo del modulo di reazione orizzontale viene effettuato col metodo ***Lineare***.
Il valore del modulo di reazione orizzontale varia linearmente con la quota, e viene calcolato come somma di un termine costante (A) piu' un coefficiente (B) moltiplicato per l'approfondimento (z) sotto il piano campagna.

7.1.3 Descrizione del metodo di calcolo utilizzato per la resistenza trasversale laterale.

Il calcolo della resistenza trasversale laterale viene effettuato col metodo ***Broms***.
La teoria pubblicata da Broms nel 1964 propone due approcci differenti per terreni coesivi e non coesivi. Per terreni sciolti, propone una distribuzione di resistenza ultima pari a tre volte la pressione di resistenza passiva valutata secondo la teoria di Rankine, $p_l = 3K_p\sigma'_v$. Per terreni coesivi, propone una distribuzione di p_l che vede un tratto nullo per i primi 1.5 diametri dalla superficie, seguito da un tratto con valore di resistenza pari a $9s_u$ (resistenza al taglio non drenata) per profondità maggiori.
$p_{lim} = 3\ K_p\ \sigma'_{v0}$ (terreno non coesivo)
$p_{lim} = 9\ s_u$ (terreno coesivo)

8 ANALISI DEI CARICHI

Di seguito si riporta una sintesi delle considerazioni svolte per lo studio delle azioni sulla struttura metallica in oggetto.
Principalmente si tratta di considerare gli effetti dell'azione della neve, del vento, l'azione sismica, il peso dei pannelli solari e il carico variabile di manutenzione.
Il calcolo dei carichi per gli elementi strutturali è fatto in modo esplicito, lasciando al codice la valutazione del solo peso proprio delle travi, dei pilastri, in funzione della sezione dell'elemento stesso e del peso specifico ad essi attribuiti.

8.1 Peso proprio

Il peso proprio è valutato in ragione di 25.0 kN/m^3 ed è computato automaticamente dal programma di calcolo.

8.2 Carichi Permanenti

8.2.1 Permanenti sulla fondazione

Sulla fondazione è stato considerato il peso della pavimentazione industriale pari a 2 kN/mq

8.2.2 Permanenti sulla copertura

Il carico permanente sulla copertura è costituito dal peso della lamiera grecata, dal peso di eventuali carichi appesi e dal peso dei pannelli solari:

- Permanente lamiera: 2.2 kN/mq
- Permanente pannelli fotovoltaici: 0.3 kN/mq

8.3 Carichi Variabili

8.3.1 Variabili zona uffici

È stato considerato come variabile quello degli uffici non aperti al pubblico pari a : 2.0 kN/mq

8.3.2 Variabili copertura

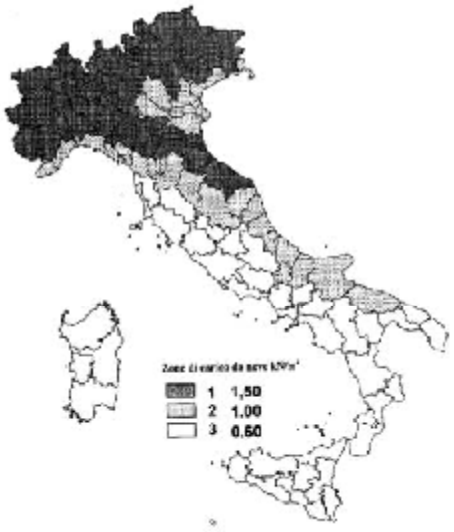
È stato considerato come variabile di copertura quello di manutenzione pari a : 0.5 kN/mq

8.3.3 Variabili industriali

Nella zona di lavorazione è stato considerato come variabile pari a : 4.0 kN/mq

8.4 Azione della neve

Il D.M. 14.01.2008 riporta la modalità per il calcolo dell'entità del carico da neve in relazione alla zona, all'altitudine e al coefficiente di forma della copertura dell'edificio.



Zona II
Arezzo, Ascoli Piceno, Bari, Campobasso, Chieti, Ferrara, Firenze, Foggia, Genova, Gorizia, Imperia, Isernia, La Spezia, Lucca, Macerata, Mantova, Massa Carrara, Padova, Perugia, Pescara, Pistoia, Prato, Rovigo, Savona, Teramo, Trieste, Venezia, Verona.

= 1,00 kN/m^2 $a_s \leq 200$ m
= 0.85 + [1+(a_s/481)^2] kN/m^2 $a_s > 200$ m

L'altitudine di riferimento a_s è la quota del suolo sul livello del mare nel sito di realizzazione dell'edificio.

Coefficiente di forma	$0° \leq \alpha \leq 30°$	$30° < \alpha < 60°$	$\alpha \geq 60°$
μ_1	0.8	$0{,}8 \cdot \frac{(60-\alpha)}{30}$	0.0

I coefficienti di forma μ_1, si riferiscono alle coperture ad una o due falde.

Il carico da neve che verrà preso in considerazione viene computato automaticamente dal programma e vale:

$$q_s = \mu_i \cdot q_{sk} = 0.8 \times 1.0 = 0.8 \text{ KN/m}^2$$

8.5 Azioni dovute a differenza di temperatura tra estradosso ed intradosso

Per la valutazione dell'azione della temperatura si è fatto riferimento al capitolo 3.5 del D2008. Nel caso degli edifici è consentito considerare la sola componente uniforme della variazione della temperatura; nel caso in esame la temperatura è stata applicata a tutte le strutture metalliche, i valori di tale gradiente sono stati dedotti dalla tabella 3.5.II del D.M.2008, riportata di seguito:

Tabella 3.5.II – *Valori di* ΔT_u *per gli edifici*

Tipo di struttura	ΔT_u
Strutture in c.a. e c.a.p. esposte	± 15 °C
Strutture in c.a. e c.a.p. protette	± 10 °C
Strutture in acciaio esposte	± 25 °C
Strutture in acciaio protette	± 15 °C

Si applicando quindi i seguenti carichi alla struttura:

$$\Delta T \quad +25$$

8.6 Azione sismica

La progettazione strutturale dell'opera in esame è stata eseguita secondo i criteri contenuti e sviluppati nel D.M.14/01/2008 e nella Circolare n°617 del 02.02.2008.

Periodo di riferimento per l'azione sismica
L'accelerazione orizzontale massima attesa al sito dipende dal periodo di riferimento considerato per la definizione dell'azione sismica. Si ritiene di attribuire alla infrastruttura in progetto, ai sensi della tabella 2.4.I del D.M. 14.01.2008, una vita nominale $V_N \geq 50$ anni nonché una classe d'uso III. In base alla tabella 2.4.II il coefficiente d'uso vale $C_U = 1.5$.
Pertanto il periodo di riferimento per l'azione sismica vale:

$$V_R = V_N \cdot C_U = 50 \times 1.5 = 75 \text{ anni}$$

Parametri sismici
I parametri sismici di base sono stati desunti dalla relazione geologica, in particolare, il sito in esame è caratterizzato dai seguenti valori di accelerazione massima attesa a_g su sito di riferimento rigido orizzontale, per i valori di periodi di ritorno T_R associati a ciascuno stato limite:

Stato Limite	T_R [anni]	a_g [g]	F_0 [-]
SLO	45	0.028	2.528
SLD	75	0.037	2.544
SLV	712	0.113	2.486
SLC	1462	0.154	2.500

dove con F_0 si è indicato il valore massimo di amplificazione dello spettro in accelerazione orizzontale.

Categoria sismica dei suoli di fondazione e coefficiente di amplificazione stratigrafica
In accordo con la normativa di riferimento, la risposta sismica locale, in mancanza di studi specifici, può essere espressa dalle categorie di sottosuolo, identificate da diversi valori di V_{S30} (velocità sismiche delle onde di taglio entro i primi 30m di profondità), N_{SPT} (resistenza alla penetrazione in una prova penetrometrica dinamica) o c_u (coesione non drenata).

Per la definizione delle caratteristiche di risposta sismica locale ci si deve pertanto basare sui risultati delle indagini geognostiche. In mancanza di valori di V_{S30} ricavati direttamente da prospezioni sismiche in foro, la caratterizzazione sismica è stata basata sui valori di N_{SPT} registrati durante l'esecuzione dei sondaggi.

Date le caratteristiche molto simili riscontrate nelle diverse verticali appartenenti alle diverse unità geotecniche riconosciute, è possibile, ai fini della progettazione geotecnica e strutturale delle opere, identificare un'unica categoria di suolo di fondazione, corrispondente alla:

- **categoria C:** Depositi di *terreni a grana grossa* mediamente addensati o terreni a grana fina mediamente consistenti con spessori superiori a 30 m, caratterizzati da un graduale miglioramento delle proprietà meccaniche con la profondità e da valori di **$V_{S,30}$ compresi tra 180 m/s e 360 m/s** (ovvero **$15 < N_{SPT,30} < 50$** nei terreni a grana grossa e $70 < c_{u,30} < 250$ kPa nei terreni a grana fina).

In base alla categoria di sottosuolo individuata sono stati ottenuti i seguenti valori del coefficiente di amplificazione stratigrafica S_S (cfr. Tabella 3.2.V del D.M. 14/01/08):

- nel caso di verifiche SLV orizzontale (Fo=2.486, ag=0.113):

Categoria sottosuolo	S_S
C	$1.0 \leq 1.7 \quad 0.6 \cdot F_0 \cdot \frac{a_g}{g} \leq 1.5 \quad = 1.5$

- nel caso di verifiche SLD orizzontale (Fo=2.544, ag=0.037):

Categoria sottosuolo	S_S
C	$1.0 \le 1.7 \quad 0.6 \cdot F_0 \cdot \frac{a_g}{g} \le 1.5 \quad = 1.5$

Mentre per gli spettri verticali S_s è pari a 1.00.

Coefficiente di amplificazione topografica

In base alle condizioni topografiche presenti in sito (T1 = superficie pianeggiante o pendii e rilievi isolati con inclinazione media ≤ 15°), è stato utilizzato il seguente valore del coefficiente di amplificazione topografica S_T (cfr. Tabella 3.2.VI del D.M. 14/01/08):

Categoria topografica	S_T
T1	1.0

In base a quanto esposto in D.M. 14/01/2008 paragrafo 3.2.3.2, l'azione sismica è descritta dalle componenti orizzontale e verticale in accelerazione, considerate indipendenti e rappresentate mediante lo spettro di risposta dell'accelerazione del terreno.

8.6.1.1 Componenti orizzontali

Lo spettro di riposta elastico della componente orizzontale $S_e(T)$ per il periodo di ritorno di riferimento T è definito mediante le seguenti espressioni:

$$
\begin{cases}
0 \le T < T_B & S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left[\frac{T}{T_B} + \frac{1}{\eta \cdot F_o} \cdot \left(1 - \frac{T}{T_B} \right) \right] \\
T_B \le T < T_C & S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \\
T_C \le T < T_D & S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left[\frac{T_C}{T} \right] \\
T_D \le T & S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left[\frac{T_D \cdot T_C}{T^2} \right]
\end{cases}
$$

dove:

$S_e(T)$ ordinata dello spettro di progetto;
T periodo di ritorno di riferimento;
a_g valore di progetto dell'accelerazione del terreno per il periodo di ritorno di riferimento;
T_C periodo corrispondente all'inizio del tratto a velocità costante dello spettro, espresso mediante la relazione:

$$T_C = C_C \cdot T_C^*$$

dove:
- C_C coefficiente funzione della categoria di suolo
- T^*_C periodo di inizio del tratto a velocità costante su sito di riferimento rigido orizzontale.

T_B periodo corrispondente all'inizio del tratto dello spettro ad accelerazione costante (pari a $T_C/3$);
T_D periodo corrispondente all'inizio del tratto a spostamento costante dello spettro, espresso in secondi mediante la relazione:

$$T_D = 4.0 \cdot \frac{a_g}{g} + 1.6$$

S coefficiente che tiene conto della categoria di sottosuolo e delle condizioni topografiche, mediante la seguente relazione:

$$S = S_S \cdot S_T$$

dove:
- S_S coefficiente di amplificazione stratigrafica (pari a 1.50);
- S_T coefficiente di amplificazione topografica (pari a 1.00)

F_o fattore che quantifica l'amplificazione spettrale massima, su sito di riferimento rigido orizzontale (con valore minimo pari a 2.2).
η fattore che altera lo spettro elastico per coefficienti di smorzamento viscosi convenzionali ξ diversi dal 5%: nel caso analizzato risulta pari a 1.

8.6.1.2 Componente verticale

Per quanto riguarda l'azione sismica verticale, questa è rappresentata mediante lo spettro di riposta di progetto *$S_{vd}(T)$* per il periodo di ritorno di riferimento T mediante le seguenti espressioni:

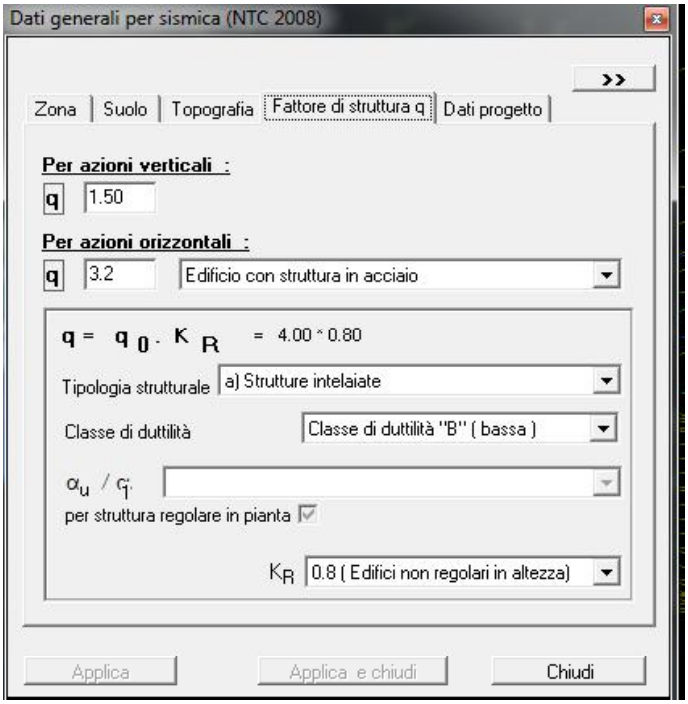
$$\begin{cases} 0 \le T < T_B & S_{ve}(T) = a_g \cdot S \cdot \eta \cdot F_v \cdot \left[\frac{T}{T_B} + \frac{1}{\eta \cdot F_o} \cdot \left(1 - \frac{T}{T_B} \right) \right] \\ T_B \le T < T_C & S_{ve}(T) = a_g \cdot S \cdot \eta \cdot F_v \\ T_C \le T < T_D & S_{ve}(T) = a_g \cdot S \cdot \eta \cdot F_v \cdot \left| \frac{T_C}{T} \right. \\ T_D \le T & S_{ve}(T) = a_g \cdot S \cdot \eta \cdot F_v \cdot \left[\frac{T_D \cdot T_C}{T^2} \right] \end{cases}$$

dove:
$S_{ve}(T)$ accelerazione spettrale verticale;
T periodo di ritorno di riferimento;
F_v fattore che quantifica l'amplificazione spettrale massima, in termini di accelerazione orizzontale massima del terreno a_g su sito di riferimento rigido orizzontale, mediante la relazione:

$$F_v = 1.35 \cdot F_o \cdot \left(\frac{a_g}{g} \right)^{0.5}$$

8.6.2 Fattore di struttura

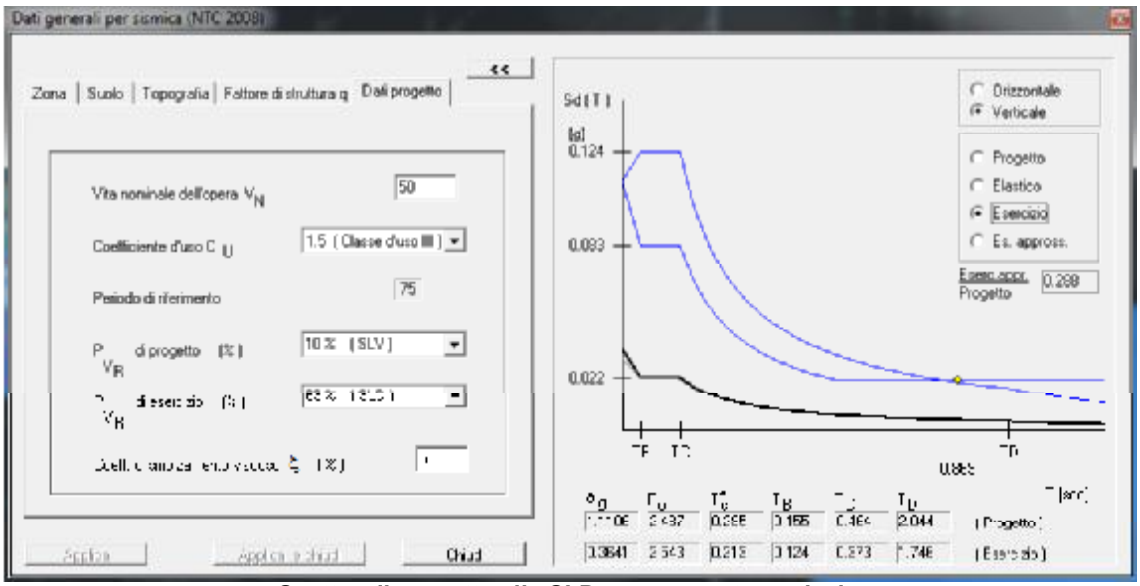
In base a quanto esposto in D.M. 14/01/2008 paragrafo 7.3.1 si considera il seguente fattore di struttura, computato automaticamente dal programma di calcolo:



8.6.3 Spettri di progetto per gli Stati Limite di Esercizio

Per gli Stati Limite di Esercizio lo spettro di progetto S_d (T) da utilizzare, sia per le componenti orizzontali che per la componente verticale, è lo spettro di progetto elastico corrispondente, riferito alla probabilità di superamento nel periodo di riferimento P_{Vr} considerata.
Si verifica solo lo Stato Limite di Danno (SLD), con probabilità di superamento nel periodo di riferimento pari a 63% e il cui andamento è riportato nella figura seguente, sia per le componenti orizzontali

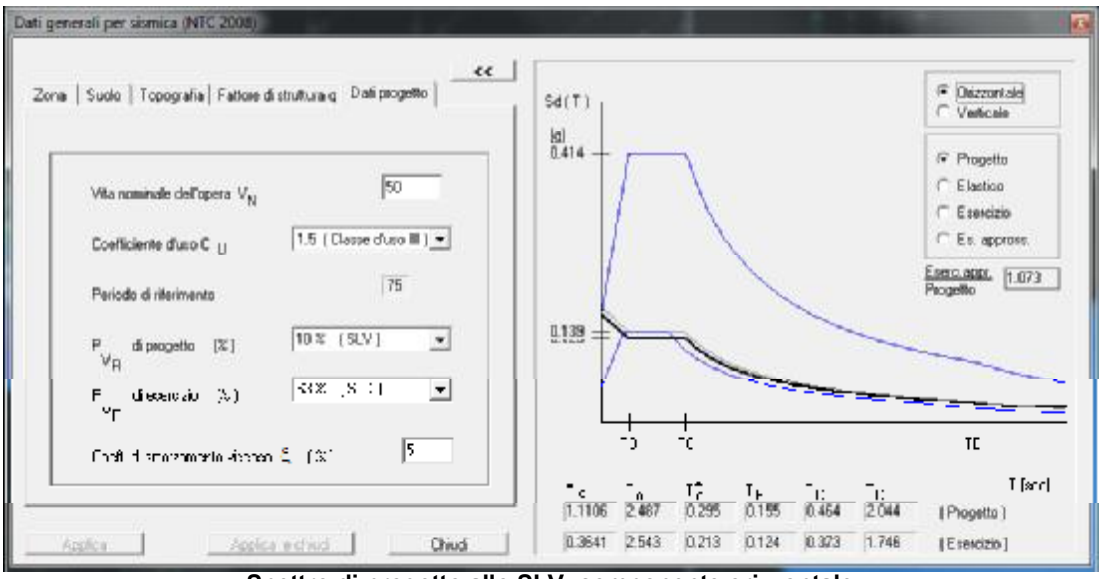
Spettro di progetto allo SLD- componente orizzontale



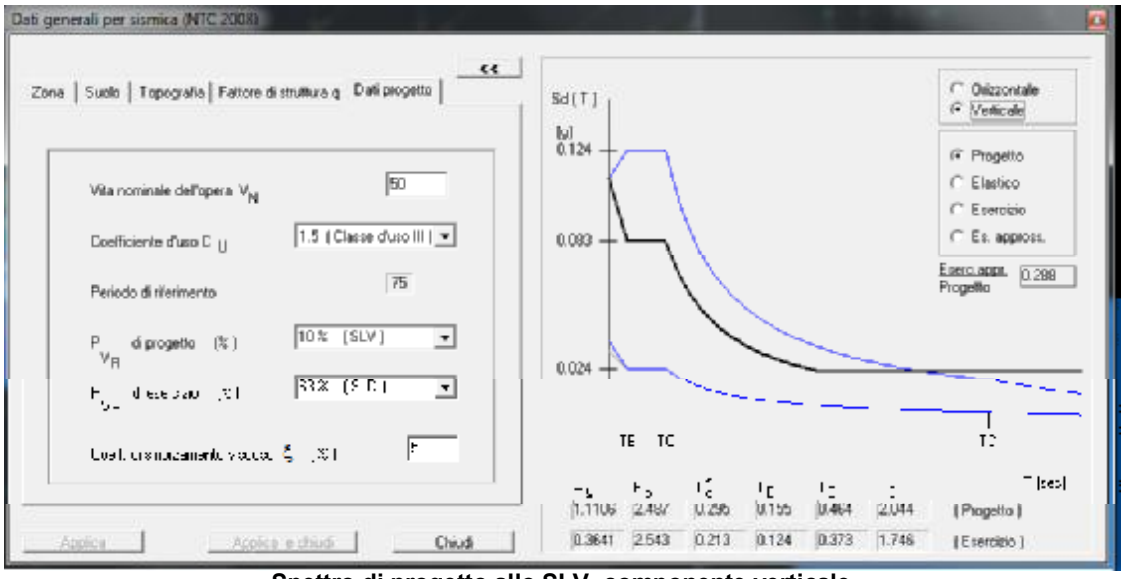
Spettro di progetto allo SLD- componente verticale

8.6.4 Spettri di progetto per gli Stati Limite Ultimi

Per gli Stati Limite Ultimi lo spettro di progetto S_d (T) da utilizzare, sia per le componenti orizzontali che per la componente verticale, è lo spettro di progetto elastico corrispondente, riferito alla probabilità di superamento nel periodo di riferimento P_{Vr} considerata, con le ordinate ridotte sostituendo nelle formule delle componenti orizzontali e verticale il fattore η con 1/q, dove q è il fattore di struttura.
Si assumerà comunque S_d (T) $\geq 0.2a_g$.
Si verifica solo lo Stato Limite di Salvaguardia della Vita (SLV), con probabilità di superamento nel periodo di riferimento pari al 10% e il cui andamento è riportato nella figura seguente:



Spettro di progetto allo SLV- componente orizzontale



Spettro di progetto allo SLV- componente verticale

8.6.5 Combinazione dell'azione sismica con le altre azioni

In accordo con il D.M. 14/01/2008 paragrafo 3.2.4, i carichi sismici vanno combinati con le altre azioni secondo la seguente espressione:

$$G_1 + G_2 + E + \sum_j \Psi_{2j} \cdot Q_{kj}$$

dove:

G_1	peso proprio degli elementi strutturali e non strutturali;
G_2	carichi permanenti portati;
E	azioni derivanti dai terremoti;
Q_{kj}	azioni variabili sulla struttura.

Gli effetti dell'azione sismica saranno valutati tenendo conto delle masse associate ai seguenti carichi gravitazionali:

$$G_1 \quad G_2 \quad \sum_j \Psi_{2j} \cdot Q_{kj}$$

8.6.6 Analisi dinamica lineare

In accordo con il paragrafo 7.3.3. del D.M. 14.01.2008, l'analisi dinamica lineare consiste:

- nella determinazione dei modi di vibrare della costruzione (analisi modale);
- nel calcolo degli effetti dell'azione sismica, rappresentata dallo spettro di risposta di progetto, per ciascun modo di vibrare individuato;
- nella combinazione di questi effetti.

Devono essere considerati tutti i modi con massa partecipante significativa e comunque un numero di modi la cui massa partecipante sia superiore all'85%.
Per la combinazione degli effetti relativi ai singoli modi viene utilizzata una combinazione quadratica completa degli effetti relativi a ciascun modo secondo la relazione seguente:

$$E = \left(\sum_j \sum_i \rho_{ij} \cdot E_i \cdot E_j \right)^{1/2} \qquad j = i = 1,\ldots,n$$

dove:

E_j	valore dell'effetto relativo al modo j;
ρ_{ij}	coefficiente di correlazione tra il modo i e il modo j: $\rho_{ij} \quad \frac{8 \cdot \xi^2 \cdot \beta_{ij}^{3/2}}{(1-\beta_{ij}) \cdot \left[(1-\beta_{ij})^2 + 4 \cdot \xi^2 \cdot \beta_{ij} \right]}$
ξ	smorzamento viscoso dei modi i e j;
β_{ij}	è il rapporto tra lì'inverso dei periodi di ciascuna coppia i-j di modi: $\beta_{ij} \quad T_j / T_i$

Nelle tabelle seguenti sono riportati i periodi dei singoli modi e la percentuale di massa partecipante (individuale e cumulativa), così come risultanti dall'analisi.

8.6.6.1 Modi di vibrare della struttura

Dall'analisi dinamica modale si riporta di seguito la tabella degli autovettori considerati per il raggiungimento dell'85% della massa partecipante:

La massa partecipante necessaria viene raggiunta combinando i primi 20 modi di vibrare della struttura.

```
 n | PERIODO  |     MASSA ATTIVATA   |        COEFFICIENTI DI CORRELAZIONE
   | [sec]  |  %X    %Y    %Z  |  n+1   n+2   n+3   n+4   n+5   n+6   n+7
 1 | 0.494550 | 14.193  0.000  0.000 |  0.120  0.019
 2 | 0.378279 | 80.190  0.000  0.000 |  0.051
 3 | 0.247985 |  0.000 94.383  0.000 |
-------------------------------------
   MASSA TOTALE 94.383 94.383  0.000 |
-------------------------------------
```

8.7 Azione del vento

Il D.M. 14.01.2008 riporta la modalità per il calcolo dell'entità del carico da vento la cui espressione è:

$$p \quad q_b \cdot c_e \cdot c_p \cdot c_d$$

in cui:

- q_b è la pressione cinetica di riferimento;
- c_e è il coefficiente di esposizione;
- c_p è il coefficiente di forma;
- c_d è il coefficiente dinamico.

La pressione cinetica di riferimento (in N/mm^2) è data dall'espressione:

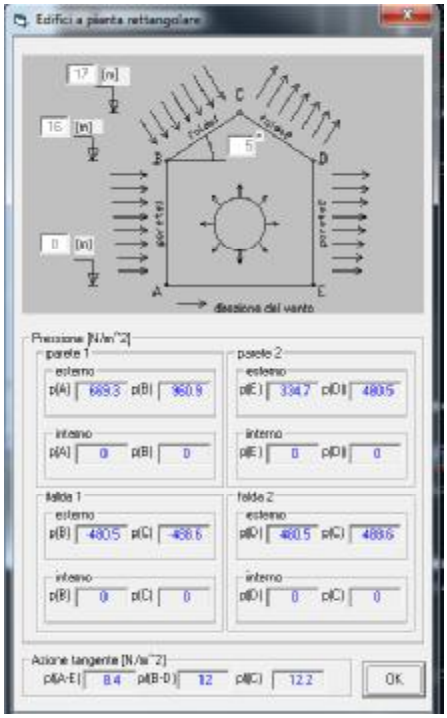
$$q_b \quad \frac{1}{2} \rho v_b^2$$

in cui v_b è la velocità di riferimento del vento (in m/s).

Si riportano di seguito il valori desunti dal programma di calcolo:

Zona 7
Altitudine: 3
Periodo di Ritorno [anni]: 50
Classe di rugosità del terreno:D
Distanza dalla costa [km]: 0.5
Categoria di esposizione del sito: 3
Tipologia di costruzione:Edifici a pianta rettangolare con coperture piane a falde inclinate o curve

vref (velocità di riferimento) = 28.
qref (pressione cinetica di riferimento) = .49
cd (coefficiente dinamico) = 1.
cf (coefficiente d' attrito) = .01



P.to	z	ct(z)	ce(z)	par.1 esterno cp	par.1 esterno p(z)	par.1 interno cp	par.1 interno p(z)
1|A	0.	1.	1.7075	.8	.6693	0.	0.
2	1.78	1.	1.7075	.8	.6693	0.	0.
3	3.56	1.	1.7075	.8	.6693	0.	0.
4	5.33	1.	1.746	.8	.6844	0.	0.
5	7.11	1.	1.9213	.8	.7532	0.	0.
6	8.89	1.	2.0619	.8	.8083	0.	0.
7	10.67	1.	2.1798	.8	.8545	0.	0.
8	12.44	1.	2.2815	.8	.8943	0.	0.
9	14.22	1.	2.3711	.8	.9295	0.	0.
10|B	16.	1.	2.4513	.8	.9609	0.	0.

P.to	z	ct(z)	ce(z)	par.2 esterno cp	par.2 esterno p(z)	par.2 interno cp	par.2 interno p(z)
1|E	0.	1.	1.7075	-.4	-.3347	0.	0.
2	1.78	1.	1.7075	-.4	-.3347	0.	0.
3	3.56	1.	1.7075	-.4	-.3347	0.	0.
4	5.33	1.	1.746	-.4	-.3422	0.	0.
5	7.11	1.	1.9213	-.4	-.3766	0.	0.
6	8.89	1.	2.0619	-.4	-.4041	0.	0.
7	10.67	1.	2.1798	-.4	-.4272	0.	0.
8	12.44	1.	2.2815	-.4	-.4472	0.	0.
9	14.22	1.	2.3711	-.4	-.4647	0.	0.
10|D	16.	1.	2.4513	-.4	-.4805	0.	0.

P.to	z	ct(z)	ce(z)	fal.1 esterno cp	fal.1 esterno p(z)	fal.1 interno cp	fal.1 interno p(z)
10|B	16.	0.	2.4513	-.4	-.4805	0.	0.
11	16.11	0.	2.4561	-.4	-.4814	0.	0.
12	16.22	0.	2.4608	-.4	-.4823	0.	0.
13	16.33	0.	2.4655	-.4	-.4832	0.	0.
14	16.44	0.	2.4702	-.4	-.4842	0.	0.
15	16.56	0.	2.4748	-.4	-.4851	0.	0.
16	16.67	0.	2.4794	-.4	-.486	0.	0.
17	16.78	0.	2.484	-.4	-.4869	0.	0.

18		16.89	0.	2.4886	-.4	-.4878	0.	0.
19	C	17.	0.	2.4931	-.4	-.4886	0.	0.

P.to	z	ct(z)	ce(z)	fal.2 esterno		fal.2 interno	
				cp	p(z)	cp	p(z)
10	D	16.	0.	2.4513	-.4	-.4805	0.	0.
11		16.11	0.	2.4561	-.4	-.4814	0.	0.
12		16.22	0.	2.4608	-.4	-.4823	0.	0.
13		16.33	0.	2.4655	-.4	-.4832	0.	0.
14		16.44	0.	2.4702	-.4	-.4842	0.	0.
15		16.56	0.	2.4748	-.4	-.4851	0.	0.
16		16.67	0.	2.4794	-.4	-.486	0.	0.
17		16.78	0.	2.484	-.4	-.4869	0.	0.
18		16.89	0.	2.4886	-.4	-.4878	0.	0.
19	C	17.	0.	2.4931	-.4	-.4886	0.	0.

P.to	z	pf(z)
1	A-E	0.	.0084
2		1.78	.0084
3		3.56	.0084
4		5.33	.0086
5		7.11	.0094
6		8.89	.0101
7		10.67	.0107
8		12.44	.0112
9		14.22	.0116
10	B-D	16.	.012
11		16.11	.012
12		16.22	.0121
13		16.33	.0121
14		16.44	.0121
15		16.56	.0121
16		16.67	.0121
17		16.78	.0122
18		16.89	.0122
19	C	17.	.0122

9 QUADRO DELLE COMBINAZIONI ADOTTATE

Ai finidelle verifiche agli stati limite si definiscono le seguenti combinazioni:

- Combinazione fondamentale, generalmente impiegata per gli stati limite ultimi (SLU):

$$\gamma_{G1}\cdot G_1 + \gamma_{G2}\cdot G_2 + \gamma_P\cdot P + \gamma_{Q1}\cdot Q_{k1} + \gamma_{Q2}\cdot\psi_{02}\cdot Q_{k2} + \gamma_{Q3}\cdot\psi_{03}\cdot Q_{k3} + \ldots \quad (2.5.1)$$

- Combinazione caratteristica (rara), generalmente impiegata per gli stati limite di esercizio (SLE) irreversibili, da utilizzarsi nelle verifiche alle tensioni ammissibili di cui al § 2.7:

$$G_1 + G_2 + P + Q_{k1} + \psi_{02}\cdot Q_{k2} + \psi_{03}\cdot Q_{k3} + \ldots \quad (2.5.2)$$

- Combinazione frequente, generalmente impiegata per gli stati limite di esercizio (SLE) reversibili:

$$G_1 + G_2 + P + \psi_{11}\cdot Q_{k1} + \psi_{22}\cdot Q_{k2} + \psi_{23}\cdot Q_{k3} + \ldots \quad (2.5.3)$$

- Combinazione quasi permanente (SLE), generalmente impiegata per gli effetti a lungo termine:

$$G_1 + G_2 + P + \psi_{21}\cdot Q_{k1} + \psi_{22}\cdot Q_{k2} + \psi_{23}\cdot Q_{k3} + \ldots \quad (2.5.4)$$

- Combinazione sismica, impiegata per gli stati limite ultimi e di esercizio connessi all'azione sismica E (v. § 3.2):

$$E + G_1 + G_2 + P + \psi_{21}\cdot Q_{k1} + \psi_{22}\cdot Q_{k2} + \ldots \quad (2.5.5)$$

- Combinazione eccezionale, impiegata per gli stati limite ultimi connessi alle azioni eccezionali di progetto A_d (v. § 3.6):

$$G_1 + G_2 + P + A_d + \psi_{21}\cdot Q_{k1} + \psi_{22}\cdot Q_{k2} + \ldots \quad (2.5.6)$$

Nelle combinazioni per SLE, si intende che vengono omessi i carichi Q_{kj} che danno un contributo favorevole ai fini delle verifiche e, se del caso, i carichi G_2.

Le combinazioni di carico SLE sono utilizzate per le analisi allo stato limite di esercizio, le combinazioni di carico SLE-QP e SLE-FR sono utilizzate per le analisi di fessurazione, mentre quelle SLU per le analisi allo stato limite ultimo.

10 MODELLO DI CALCOLO

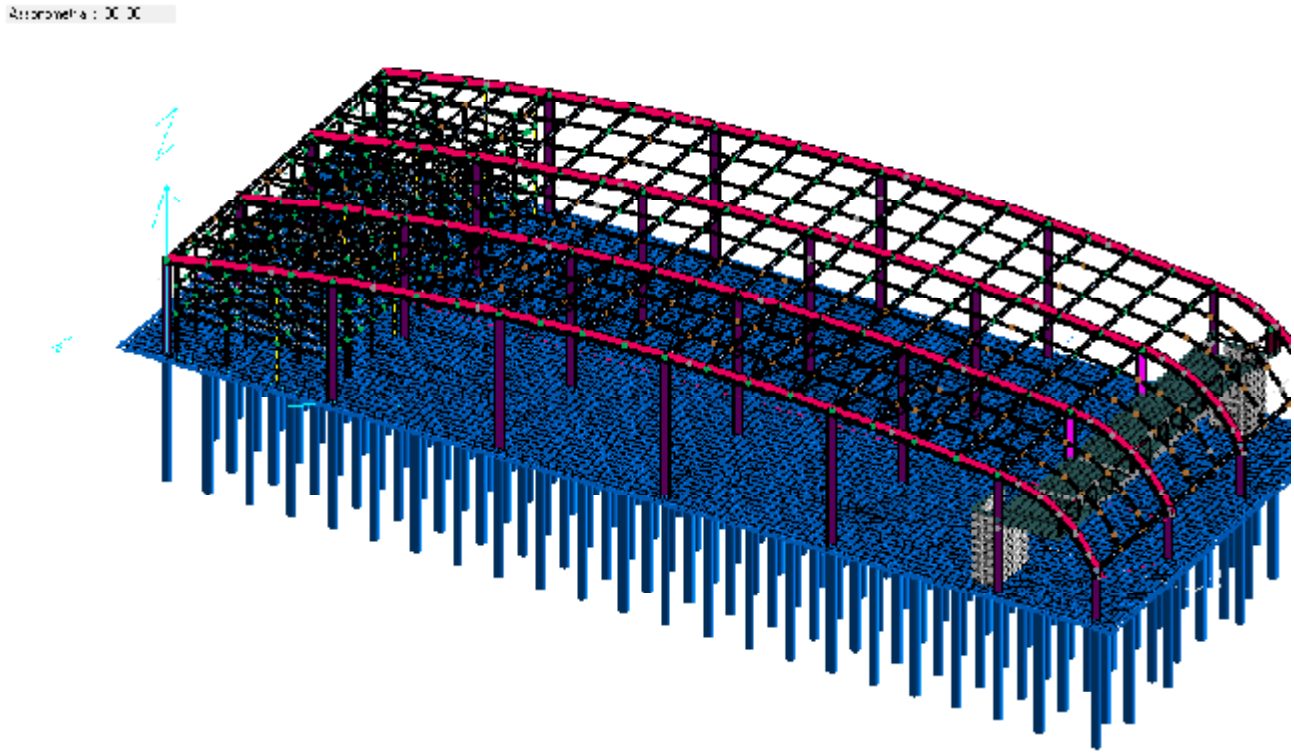
Per la determinazione delle azioni massime utili al dimensionamento degli elementi strutturali principali i vari elementi che compongono la struttura sono stati schematizzati in maniera classica come elementi di tipo beam per le travi e i pilastri e come shell per la platea di fondazione e vincoli esterni per modellare i pali.

Le analisi strutturali, statica e dinamica per la fase sismica, sono state elaborate predisponendo le combinazioni carico per la conduzione delle verifiche nei riguardi degli Stati Limite di Esercizio (**CAR** *"Combinazioni Caratteristiche e Rare"*, **FR** *"Combinazioni Frequenti"* e **QP** *"Combinazioni Quasi Permanenti"*) e degli Stati Limite Ultimi (**STR** *"Combinazioni Verifiche Strutturali"*).

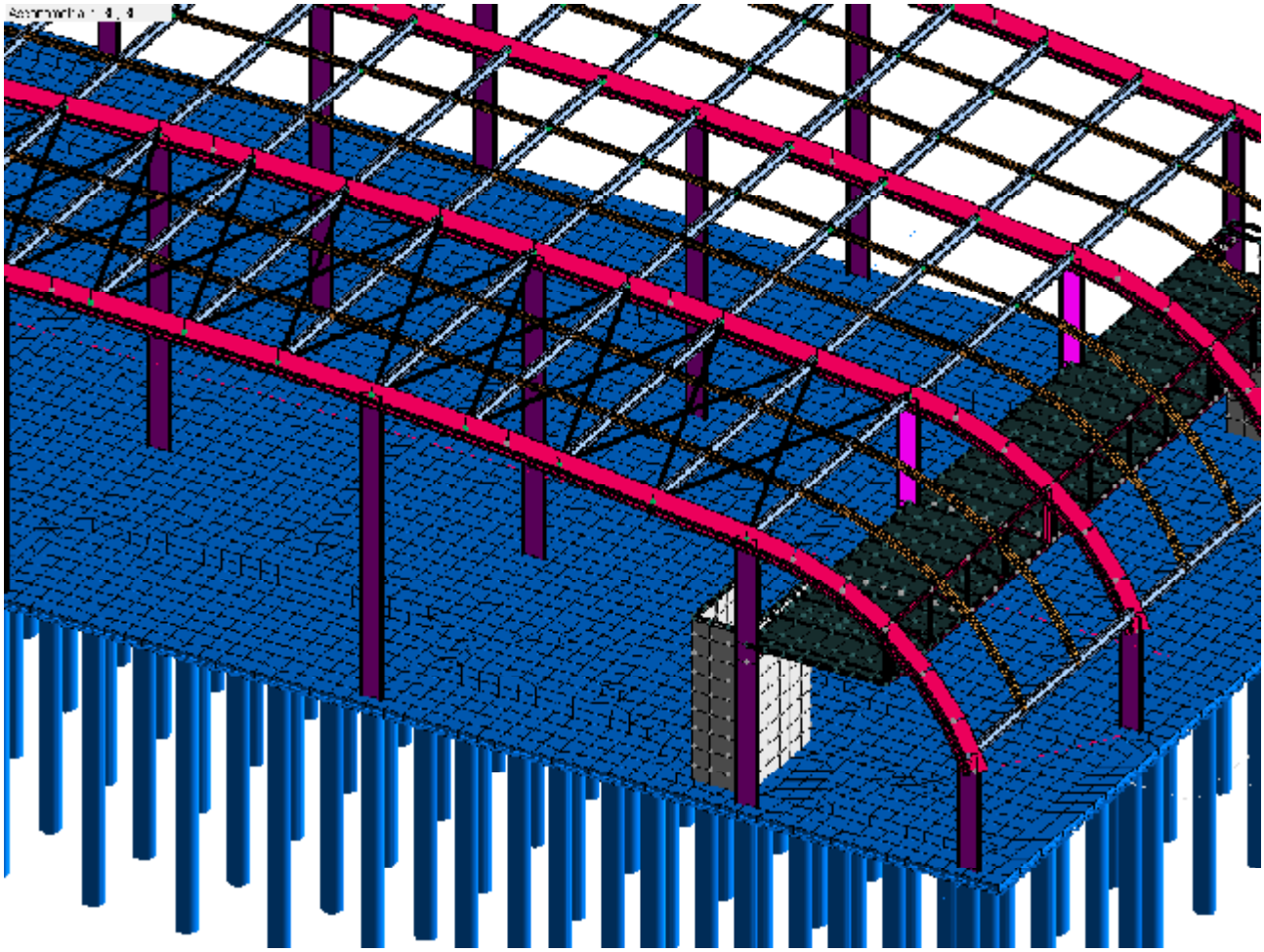
L'analisi sismica è stata condotta secondo quanto esposto nelle NTC del 2008.

Sono state assegnate le masse strutturali per l'aliquota corrispondente sia ai pesi strutturali, sia ai permanenti che agli accidentali che devono essere considerati in fase sismica.

Di seguito si riportano le illustrazioni del modello statico-sismico estrapolate dal programma di calcolo CDM DOLMEN.



Modello di calcolo: vista 3D



Modello di calcolo: particolare

11 RISULTATI DELLE ANALISI

11.1 Verifica aste in acciaio

Si riporta di seguito il tabulato di verifica delle aste in acciaio in termini di percentuale di utilizzo del materiale:
VERIFICA ASTE IN ACCIAIO
RIASSUNTO DELLE ASTE VERIFICATE CON L'ULTIMO CALCOLO EFFETTUATO

```
asta    141 - sez.   1 - P_HEA360_S001       -  10% della Si limite.
asta    142 - sez.   1 - P_HEA360_S001       -   9% della Si limite.
asta    143 - sez.   1 - P_HEA360_S001       -   6% della Si limite.
asta    144 - sez.   1 - P_HEA360_S001       -  18% della Si limite.
asta    145 - sez.   1 - P_HEA360_S001       -  17% della Si limite.
asta    146 - sez.   1 - P_HEA360_S001       -  10% della Si limite.
asta    147 - sez.   1 - P_HEA360_S001       -  88% della Si limite.
asta    148 - sez.   1 - P_HEA360_S001       -  45% della Si limite.
asta    149 - sez.   1 - P_HEA360_S001       -  38% della Si limite.
asta    150 - sez.   1 - P_HEA360_S001       -  30% della Si limite.
asta    151 - sez.   1 - P_HEA360_S001       -  78% della Si limite.
asta    152 - sez.   1 - P_HEA360_S001       -  38% della Si limite.
asta    153 - sez.   1 - P_HEA360_S001       -  35% della Si limite.
asta    154 - sez.   1 - P_HEA360_S001       -  32% della Si limite.
asta    155 - sez.   1 - P_HEA360_S001       -  14% della Si limite.
asta    156 - sez.   1 - P_HEA360_S001       -   7% della Si limite.
asta    157 - sez.   1 - P_HEA360_S001       -   3% della Si limite.
asta    158 - sez.   1 - P_HEA360_S001       -  85% della Si limite.
asta    159 - sez.   1 - P_HEA360_S001       -  56% della Si limite.
asta    160 - sez.   1 - P_HEA360_S001       -  50% della Si limite.
asta    162 - sez.   1 - P_HEA360_S001       -  14% della Si limite.
asta    163 - sez.   1 - P_HEA360_S001       -   6% della Si limite.
asta    164 - sez.   1 - P_HEA360_S001       -   2% della Si limite.
asta    165 - sez.   1 - P_HEA360_S001       -  83% della Si limite.
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asta    166 - sez.   1 - P_HEA360_S001       -  51% della Si limite.
asta    167 - sez.   1 - P_HEA360_S001       -  45% della Si limite.
asta    169 - sez.   1 - P_HEA360_S001       -  12% della Si limite.
asta    170 - sez.   1 - P_HEA360_S001       -   6% della Si limite.
asta    171 - sez.   1 - P_HEA360_S001       -   3% della Si limite.
asta    172 - sez.   1 - P_HEA360_S001       -  81% della Si limite.
asta    173 - sez.   1 - P_HEA360_S001       -  50% della Si limite.
asta    174 - sez.   1 - P_HEA360_S001       -  43% della Si limite.
asta    175 - sez.   1 - P_HEA360_S001       -  49% della Si limite.
asta    176 - sez.   1 - P_HEA360_S001       -  13% della Si limite.
asta    177 - sez.   1 - P_HEA360_S001       -   6% della Si limite.
asta    178 - sez.   1 - P_HEA360_S001       -   1% della Si limite.
asta    179 - sez.   1 - P_HEA360_S001       -  83% della Si limite.
asta    180 - sez.   1 - P_HEA360_S001       -  51% della Si limite.
asta    181 - sez.   1 - P_HEA360_S001       -  45% della Si limite.
asta    182 - sez.   1 - P_HEA360_S001       -  50% della Si limite.
asta    183 - sez.   1 - P_HEA360_S001       -  14% della Si limite.
asta    184 - sez.   1 - P_HEA360_S001       -   6% della Si limite.
asta    185 - sez.   1 - P_HEA360_S001       -   2% della Si limite.
asta    186 - sez.   1 - P_HEA360_S001       -  83% della Si limite.
asta    187 - sez.   1 - P_HEA360_S001       -  51% della Si limite.
asta    188 - sez.   1 - P_HEA360_S001       -  45% della Si limite.
asta    189 - sez.   1 - P_HEA360_S001       -  50% della Si limite.
asta    190 - sez.   1 - P_HEA360_S001       -  14% della Si limite.
asta    191 - sez.   1 - P_HEA360_S001       -   6% della Si limite.
asta    192 - sez.   1 - P_HEA360_S001       -   2% della Si limite.
asta    193 - sez.   1 - P_HEA360_S001       -  84% della Si limite.
asta    194 - sez.   1 - P_HEA360_S001       -  51% della Si limite.
asta    195 - sez.   1 - P_HEA360_S001       -  45% della Si limite.
asta    196 - sez.   1 - P_HEA360_S001       -  51% della Si limite.
asta    197 - sez.   1 - P_HEA360_S001       -  15% della Si limite.
asta    198 - sez.   1 - P_HEA360_S001       -   7% della Si limite.
asta    199 - sez.   1 - P_HEA360_S001       -   3% della Si limite.
asta    200 - sez.   1 - P_HEA360_S001       -  85% della Si limite.
asta    201 - sez.   1 - P_HEA360_S001       -  55% della Si limite.
asta    202 - sez.   1 - P_HEA360_S001       -  49% della Si limite.
asta    203 - sez.   1 - P_HEA360_S001       -  53% della Si limite.
asta    204 - sez.   1 - P_HEA360_S001       -  11% della Si limite.
asta    205 - sez.   1 - P_HEA360_S001       -  10% della Si limite.
asta    206 - sez.   1 - P_HEA360_S001       -   6% della Si limite.
asta    207 - sez.   1 - P_HEA360_S001       -  18% della Si limite.
asta    208 - sez.   1 - P_HEA360_S001       -  17% della Si limite.
asta    209 - sez.   1 - P_HEA360_S001       -  11% della Si limite.
asta    210 - sez.   1 - P_HEA360_S001       -  88% della Si limite.
asta    211 - sez.   1 - P_HEA360_S001       -  46% della Si limite.
asta    212 - sez.   1 - P_HEA360_S001       -  36% della Si limite.
asta    213 - sez.   1 - P_HEA360_S001       -  34% della Si limite.
asta    214 - sez.   1 - P_HEA360_S001       -  78% della Si limite.
asta    215 - sez.   1 - P_HEA360_S001       -  39% della Si limite.
asta    216 - sez.   1 - P_HEA360_S001       -  35% della Si limite.
asta    217 - sez.   1 - P_HEA360_S001       -  32% della Si limite.
asta    218 - sez.   1 - P_HEA360_S001       -  12% della Si limite.
asta    219 - sez.   1 - P_HEA360_S001       -   6% della Si limite.
asta    220 - sez.   1 - P_HEA360_S001       -   3% della Si limite.
asta    221 - sez.   1 - P_HEA360_S001       -  82% della Si limite.
asta    222 - sez.   1 - P_HEA360_S001       -  50% della Si limite.
asta    223 - sez.   1 - P_HEA360_S001       -  43% della Si limite.
asta    224 - sez.   1 - P_HEA360_S001       -  51% della Si limite.
asta    339 - sez.   1 - P_HEA360_S001       -  20% della Si limite.
asta    340 - sez.   1 - P_HEA360_S001       -  12% della Si limite.
asta    341 - sez.   1 - P_HEA360_S001       -   5% della Si limite.
asta    342 - sez.   1 - P_HEA360_S001       -  20% della Si limite.
asta    343 - sez.   1 - P_HEA360_S001       -  10% della Si limite.
asta    344 - sez.   1 - P_HEA360_S001       -   2% della Si limite.
asta    345 - sez.   1 - P_HEA360_S001       -  20% della Si limite.
asta    346 - sez.   1 - P_HEA360_S001       -  10% della Si limite.
asta    347 - sez.   1 - P_HEA360_S001       -   3% della Si limite.
asta    348 - sez.   1 - P_HEA360_S001       -  20% della Si limite.
asta    349 - sez.   1 - P_HEA360_S001       -   9% della Si limite.
asta    350 - sez.   1 - P_HEA360_S001       -   2% della Si limite.
asta    351 - sez.   1 - P_HEA360_S001       -  20% della Si limite.
asta    352 - sez.   1 - P_HEA360_S001       -  10% della Si limite.
asta    353 - sez.   1 - P_HEA360_S001       -   2% della Si limite.
asta    354 - sez.   1 - P_HEA360_S001       -  20% della Si limite.
asta    355 - sez.   1 - P_HEA360_S001       -  10% della Si limite.
asta    356 - sez.   1 - P_HEA360_S001       -   2% della Si limite.
asta    357 - sez.   1 - P_HEA360_S001       -  21% della Si limite.
asta    358 - sez.   1 - P_HEA360_S001       -  12% della Si limite.
asta    359 - sez.   1 - P_HEA360_S001       -   5% della Si limite.
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asta    360 - sez.   1 - P_HEA360_S001       -  20% della Si limite.
asta    361 - sez.   1 - P_HEA360_S001       -  10% della Si limite.
asta    362 - sez.   1 - P_HEA360_S001       -   3% della Si limite.
asta    478 - sez.   1 - P_HEA360_S001       -  96% della Si limite.
asta    479 - sez.   1 - P_HEA360_S001       -  57% della Si limite.
asta    480 - sez.   1 - P_HEA360_S001       -  47% della Si limite.
asta    481 - sez.   1 - P_HEA360_S001       -  53% della Si limite.
asta    494 - sez.   1 - P_HEA360_S001       -  95% della Si limite.
asta    495 - sez.   1 - P_HEA360_S001       -  57% della Si limite.
asta    496 - sez.   1 - P_HEA360_S001       -  50% della Si limite.
asta    497 - sez.   1 - P_HEA360_S001       -  32% della Si limite.
asta    667 - sez.   1 - P_HEA360_S001       -  95% della Si limite.
asta    668 - sez.   1 - P_HEA360_S001       -  61% della Si limite.
asta    669 - sez.   1 - P_HEA360_S001       -  51% della Si limite.
asta    671 - sez.   1 - P_HEA360_S001       -  94% della Si limite.
asta    672 - sez.   1 - P_HEA360_S001       -  55% della Si limite.
asta    673 - sez.   1 - P_HEA360_S001       -  47% della Si limite.
asta    675 - sez.   1 - P_HEA360_S001       -  90% della Si limite.
asta    676 - sez.   1 - P_HEA360_S001       -  28% della Si limite.
asta    677 - sez.   1 - P_HEA360_S001       -  22% della Si limite.
asta    678 - sez.   1 - P_HEA360_S001       -  25% della Si limite.
asta    679 - sez.   1 - P_HEA360_S001       -  95% della Si limite.
asta    680 - sez.   1 - P_HEA360_S001       -  56% della Si limite.
asta    681 - sez.   1 - P_HEA360_S001       -  45% della Si limite.
asta    682 - sez.   1 - P_HEA360_S001       -  56% della Si limite.
asta    683 - sez.   1 - P_HEA360_S001       -  95% della Si limite.
asta    684 - sez.   1 - P_HEA360_S001       -  54% della Si limite.
asta    685 - sez.   1 - P_HEA360_S001       -  51% della Si limite.
asta    686 - sez.   1 - P_HEA360_S001       -  24% della Si limite.
asta    687 - sez.   1 - P_HEA360_S001       -  95% della Si limite.
asta    688 - sez.   1 - P_HEA360_S001       -  61% della Si limite.
asta    689 - sez.   1 - P_HEA360_S001       -  50% della Si limite.
asta    690 - sez.   1 - P_HEA360_S001       -  52% della Si limite.
asta    971 - sez.   1 - P_HEA360_S001       -  44% della Si limite.
asta    973 - sez.   1 - P_HEA360_S001       -  48% della Si limite.
asta   1006 - sez.   1 - P_HEA360_S001       -  52% della Si limite.
asta   1008 - sez.   1 - P_HEA360_S001       -  52% della Si limite.
asta    225 - sez.   2 - P_HEA220_S002       -  21% della Si limite.
asta    226 - sez.   2 - P_HEA220_S002       -  22% della Si limite.
asta    227 - sez.   2 - P_HEA220_S002       -  21% della Si limite.
asta    228 - sez.   2 - P_HEA220_S002       -  21% della Si limite.
asta    229 - sez.   2 - P_HEA220_S002       -  22% della Si limite.
asta    230 - sez.   2 - P_HEA220_S002       -  21% della Si limite.
asta    231 - sez.   2 - P_HEA220_S002       -  21% della Si limite.
asta    232 - sez.   2 - P_HEA220_S002       -  22% della Si limite.
asta    233 - sez.   2 - P_HEA220_S002       -  21% della Si limite.
asta    234 - sez.   2 - P_HEA220_S002       -  21% della Si limite.
asta    235 - sez.   2 - P_HEA220_S002       -  22% della Si limite.
asta    236 - sez.   2 - P_HEA220_S002       -  21% della Si limite.
asta    237 - sez.   2 - P_HEA220_S002       -   2% della Si limite.
asta    238 - sez.   2 - P_HEA220_S002       -   2% della Si limite.
asta    239 - sez.   2 - P_HEA220_S002       -  29% della Si limite.
asta    240 - sez.   2 - P_HEA220_S002       -   2% della Si limite.
asta    242 - sez.   2 - P_HEA220_S002       -   2% della Ss limite.
asta    244 - sez.   2 - P_HEA220_S002       -   2% della Si limite.
asta    246 - sez.   2 - P_HEA220_S002       -   2% della Si limite.
asta    248 - sez.   2 - P_HEA220_S002       -   2% della Ss limite.
asta    250 - sez.   2 - P_HEA220_S002       -   2% della Si limite.
asta    252 - sez.   2 - P_HEA220_S002       -   2% della Si limite.
asta    253 - sez.   2 - P_HEA220_S002       -   2% della Si limite.
asta    254 - sez.   2 - P_HEA220_S002       -  29% della Si limite.
asta    255 - sez.   2 - P_HEA220_S002       -   3% della Ss limite.
asta    257 - sez.   2 - P_HEA220_S002       -   3% della Ss limite.
asta    470 - sez.   2 - P_HEA220_S002       -  48% della Si limite.
asta    471 - sez.   2 - P_HEA220_S002       -  51% della Si limite.
asta    472 - sez.   2 - P_HEA220_S002       -  47% della Si limite.
asta    473 - sez.   2 - P_HEA220_S002       -  47% della Si limite.
asta    474 - sez.   2 - P_HEA220_S002       -  51% della Si limite.
asta    475 - sez.   2 - P_HEA220_S002       -  48% della Si limite.
asta    476 - sez.   2 - P_HEA220_S002       -   4% della Ss limite.
asta    477 - sez.   2 - P_HEA220_S002       -  68% della Si limite.
asta    482 - sez.   2 - P_HEA220_S002       -  48% della Si limite.
asta    483 - sez.   2 - P_HEA220_S002       -  51% della Si limite.
asta    484 - sez.   2 - P_HEA220_S002       -  47% della Si limite.
asta    485 - sez.   2 - P_HEA220_S002       -  48% della Si limite.
asta    486 - sez.   2 - P_HEA220_S002       -  51% della Si limite.
asta    487 - sez.   2 - P_HEA220_S002       -  48% della Si limite.
asta    492 - sez.   2 - P_HEA220_S002       -   4% della Ss limite.
asta    493 - sez.   2 - P_HEA220_S002       -  68% della Si limite.
```

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asta    585 - sez.   2 - P_HEA220_S002       -  44% della Si limite.
asta    586 - sez.   2 - P_HEA220_S002       -  47% della Si limite.
asta    587 - sez.   2 - P_HEA220_S002       -  44% della Si limite.
asta    588 - sez.   2 - P_HEA220_S002       -  48% della Si limite.
asta    589 - sez.   2 - P_HEA220_S002       -  51% della Si limite.
asta    590 - sez.   2 - P_HEA220_S002       -  47% della Si limite.
asta    591 - sez.   2 - P_HEA220_S002       -  47% della Si limite.
asta    592 - sez.   2 - P_HEA220_S002       -  51% della Si limite.
asta    593 - sez.   2 - P_HEA220_S002       -  48% della Si limite.
asta    594 - sez.   2 - P_HEA220_S002       -  48% della Si limite.
asta    595 - sez.   2 - P_HEA220_S002       -  51% della Si limite.
asta    596 - sez.   2 - P_HEA220_S002       -  47% della Si limite.
asta    597 - sez.   2 - P_HEA220_S002       -  48% della Si limite.
asta    598 - sez.   2 - P_HEA220_S002       -  51% della Si limite.
asta    599 - sez.   2 - P_HEA220_S002       -  47% della Si limite.
asta    600 - sez.   2 - P_HEA220_S002       -  44% della Si limite.
asta    601 - sez.   2 - P_HEA220_S002       -  47% della Si limite.
asta    602 - sez.   2 - P_HEA220_S002       -  44% della Si limite.
asta    603 - sez.   2 - P_HEA220_S002       -  44% della Si limite.
asta    604 - sez.   2 - P_HEA220_S002       -  47% della Si limite.
asta    605 - sez.   2 - P_HEA220_S002       -  44% della Si limite.
asta    606 - sez.   2 - P_HEA220_S002       -  48% della Si limite.
asta    607 - sez.   2 - P_HEA220_S002       -  51% della Si limite.
asta    608 - sez.   2 - P_HEA220_S002       -  48% della Si limite.
asta    609 - sez.   2 - P_HEA220_S002       -  48% della Si limite.
asta    610 - sez.   2 - P_HEA220_S002       -  51% della Si limite.
asta    611 - sez.   2 - P_HEA220_S002       -  48% della Si limite.
asta    612 - sez.   2 - P_HEA220_S002       -  48% della Si limite.
asta    613 - sez.   2 - P_HEA220_S002       -  51% della Si limite.
asta    614 - sez.   2 - P_HEA220_S002       -  48% della Si limite.
asta    615 - sez.   2 - P_HEA220_S002       -  48% della Si limite.
asta    616 - sez.   2 - P_HEA220_S002       -  51% della Si limite.
asta    617 - sez.   2 - P_HEA220_S002       -  48% della Si limite.
asta    618 - sez.   2 - P_HEA220_S002       -  44% della Si limite.
asta    619 - sez.   2 - P_HEA220_S002       -  47% della Si limite.
asta    620 - sez.   2 - P_HEA220_S002       -  44% della Si limite.
asta    657 - sez.   2 - P_HEA220_S002       -   3% della Ss limite.
asta    658 - sez.   2 - P_HEA220_S002       -  62% della Si limite.
asta    659 - sez.   2 - P_HEA220_S002       -   3% della Ss limite.
asta    660 - sez.   2 - P_HEA220_S002       -  67% della Si limite.
asta    661 - sez.   2 - P_HEA220_S002       -   3% della Ss limite.
asta    662 - sez.   2 - P_HEA220_S002       -  67% della Si limite.
asta    663 - sez.   2 - P_HEA220_S002       -   3% della Ss limite.
asta    664 - sez.   2 - P_HEA220_S002       -  67% della Si limite.
asta    665 - sez.   2 - P_HEA220_S002       -   3% della Ss limite.
asta    666 - sez.   2 - P_HEA220_S002       -  62% della Si limite.
asta   1009 - sez.   2 - P_HEA220_S002       -  36% della Si limite.
asta   1010 - sez.   2 - P_HEA220_S002       -  24% della Ss limite.
asta   1011 - sez.   2 - P_HEA220_S002       -  21% della Si limite.
asta   1012 - sez.   2 - P_HEA220_S002       -  42% della Ss limite.
asta   1014 - sez.   2 - P_HEA220_S002       -  24% della Si limite.
asta   1015 - sez.   2 - P_HEA220_S002       -  23% della Ss limite.
asta   1016 - sez.   2 - P_HEA220_S002       -  29% della Si limite.
asta   1017 - sez.   2 - P_HEA220_S002       -  32% della Si limite.
asta   1018 - sez.   2 - P_HEA220_S002       -  34% della Si limite.
asta   1019 - sez.   2 - P_HEA220_S002       -  29% della Si limite.
asta   1020 - sez.   2 - P_HEA220_S002       -  38% della Si limite.
asta   1021 - sez.   2 - P_HEA220_S002       -  36% della Si limite.
asta   1022 - sez.   2 - P_HEA220_S002       -  30% della Si limite.
asta   1023 - sez.   2 - P_HEA220_S002       -  33% della Si limite.
asta   1024 - sez.   2 - P_HEA220_S002       -  37% della Si limite.
asta   1025 - sez.   2 - P_HEA220_S002       -  30% della Si limite.
asta   1026 - sez.   2 - P_HEA220_S002       -  33% della Si limite.
asta   1027 - sez.   2 - P_HEA220_S002       -   3% della Ss limite.
asta   1028 - sez.   2 - P_HEA220_S002       -  67% della Si limite.
asta   1225 - sez.   2 - P_HEA220_S002       -  42% della Si limite.
asta   1227 - sez.   2 - P_HEA220_S002       -  28% della Si limite.
asta   1523 - sez.   2 - P_HEA220_S002       -  47% della Si limite.
asta   1524 - sez.   2 - P_HEA220_S002       -  51% della Si limite.
asta   1525 - sez.   2 - P_HEA220_S002       -  47% della Si limite.
asta   1526 - sez.   2 - P_HEA220_S002       -  47% della Si limite.
asta   1527 - sez.   2 - P_HEA220_S002       -  51% della Si limite.
asta   1528 - sez.   2 - P_HEA220_S002       -  47% della Si limite.
asta   1529 - sez.   2 - P_HEA220_S002       -  47% della Si limite.
asta   1530 - sez.   2 - P_HEA220_S002       -  51% della Si limite.
asta   1531 - sez.   2 - P_HEA220_S002       -  47% della Si limite.
asta   1532 - sez.   2 - P_HEA220_S002       -  47% della Si limite.
asta   1533 - sez.   2 - P_HEA220_S002       -  51% della Si limite.
asta   1534 - sez.   2 - P_HEA220_S002       -  47% della Si limite.
```

asta 1535 - sez. 2 - P_HEA220_S002 - 47% della Si limite.
asta 1536 - sez. 2 - P_HEA220_S002 - 51% della Si limite.
asta 1537 - sez. 2 - P_HEA220_S002 - 47% della Si limite.
asta 1538 - sez. 2 - P_HEA220_S002 - 47% della Si limite.
asta 1539 - sez. 2 - P_HEA220_S002 - 51% della Si limite.
asta 1540 - sez. 2 - P_HEA220_S002 - 47% della Si limite.
asta 1541 - sez. 2 - P_HEA220_S002 - 47% della Si limite.
asta 1542 - sez. 2 - P_HEA220_S002 - 51% della Si limite.
asta 1543 - sez. 2 - P_HEA220_S002 - 47% della Si limite.
asta 1544 - sez. 2 - P_HEA220_S002 - 40% della Si limite.
asta 1545 - sez. 2 - P_HEA220_S002 - 42% della Si limite.
asta 1546 - sez. 2 - P_HEA220_S002 - 40% della Si limite.
asta 1547 - sez. 2 - P_HEA220_S002 - 40% della Si limite.
asta 1548 - sez. 2 - P_HEA220_S002 - 42% della Si limite.
asta 1549 - sez. 2 - P_HEA220_S002 - 40% della Si limite.
asta 1572 - sez. 2 - P_HEA220_S002 - 47% della Si limite.
asta 1573 - sez. 2 - P_HEA220_S002 - 51% della Si limite.
asta 1574 - sez. 2 - P_HEA220_S002 - 47% della Si limite.
asta 1575 - sez. 2 - P_HEA220_S002 - 47% della Si limite.
asta 1576 - sez. 2 - P_HEA220_S002 - 51% della Si limite.
asta 1577 - sez. 2 - P_HEA220_S002 - 47% della Si limite.
asta 1578 - sez. 2 - P_HEA220_S002 - 47% della Si limite.
asta 1579 - sez. 2 - P_HEA220_S002 - 51% della Si limite.
asta 1580 - sez. 2 - P_HEA220_S002 - 47% della Si limite.
asta 1581 - sez. 2 - P_HEA220_S002 - 47% della Si limite.
asta 1582 - sez. 2 - P_HEA220_S002 - 47% della Si limite.
asta 1583 - sez. 2 - P_HEA220_S002 - 51% della Si limite.
asta 1584 - sez. 2 - P_HEA220_S002 - 47% della Si limite.
asta 1585 - sez. 2 - P_HEA220_S002 - 47% della Si limite.
asta 1586 - sez. 2 - P_HEA220_S002 - 51% della Si limite.
asta 1587 - sez. 2 - P_HEA220_S002 - 47% della Si limite.
asta 1588 - sez. 2 - P_HEA220_S002 - 47% della Si limite.
asta 1589 - sez. 2 - P_HEA220_S002 - 51% della Si limite.
asta 1590 - sez. 2 - P_HEA220_S002 - 47% della Si limite.
asta 1593 - sez. 2 - P_HEA220_S002 - 51% della Si limite.
asta 1594 - sez. 2 - P_HEA220_S002 - 47% della Si limite.
asta 1595 - sez. 2 - P_HEA220_S002 - 40% della Si limite.
asta 1596 - sez. 2 - P_HEA220_S002 - 42% della Si limite.
asta 1597 - sez. 2 - P_HEA220_S002 - 40% della Si limite.
asta 1598 - sez. 2 - P_HEA220_S002 - 40% della Si limite.
asta 1599 - sez. 2 - P_HEA220_S002 - 42% della Si limite.
asta 1600 - sez. 2 - P_HEA220_S002 - 40% della Si limite.
asta 1634 - sez. 2 - P_HEA220_S002 - 67% della Si limite.
asta 1636 - sez. 2 - P_HEA220_S002 - 67% della Si limite.
asta 1640 - sez. 2 - P_HEA220_S002 - 67% della Si limite.
asta 1642 - sez. 2 - P_HEA220_S002 - 67% della Si limite.
asta 1644 - sez. 2 - P_HEA220_S002 - 67% della Si limite.
asta 1646 - sez. 2 - P_HEA220_S002 - 67% della Si limite.
asta 1648 - sez. 2 - P_HEA220_S002 - 67% della Si limite.
asta 1655 - sez. 2 - P_HEA220_S002 - 56% della Si limite.
asta 1658 - sez. 2 - P_HEA220_S002 - 56% della Si limite.
asta 1659 - sez. 2 - P_HEA220_S002 - 15% della Si limite.
asta 1660 - sez. 2 - P_HEA220_S002 - 17% della Si limite.
asta 1661 - sez. 2 - P_HEA220_S002 - 21% della Si limite.
asta 1662 - sez. 2 - P_HEA220_S002 - 22% della Si limite.
asta 1663 - sez. 2 - P_HEA220_S002 - 21% della Si limite.
asta 1664 - sez. 2 - P_HEA220_S002 - 21% della Si limite.
asta 1665 - sez. 2 - P_HEA220_S002 - 21% della Si limite.
asta 1666 - sez. 2 - P_HEA220_S002 - 21% della Si limite.
asta 1667 - sez. 2 - P_HEA220_S002 - 21% della Si limite.
asta 1668 - sez. 2 - P_HEA220_S002 - 21% della Si limite.
asta 1669 - sez. 2 - P_HEA220_S002 - 21% della Si limite.
asta 1670 - sez. 2 - P_HEA220_S002 - 21% della Si limite.
asta 1671 - sez. 2 - P_HEA220_S002 - 21% della Si limite.
asta 1672 - sez. 2 - P_HEA220_S002 - 21% della Si limite.
asta 1673 - sez. 2 - P_HEA220_S002 - 22% della Si limite.
asta 1674 - sez. 2 - P_HEA220_S002 - 21% della Si limite.
asta 1675 - sez. 2 - P_HEA220_S002 - 17% della Si limite.
asta 1676 - sez. 2 - P_HEA220_S002 - 15% della Si limite.
asta 1677 - sez. 2 - P_HEA220_S002 - 71% della Si limite.
asta 1678 - sez. 2 - P_HEA220_S002 - 69% della Si limite.
asta 1679 - sez. 2 - P_HEA220_S002 - 60% della Si limite.
asta 1680 - sez. 2 - P_HEA220_S002 - 62% della Si limite.
asta 1681 - sez. 2 - P_HEA220_S002 - 62% della Si limite.
asta 1682 - sez. 2 - P_HEA220_S002 - 63% della Si limite.
asta 1683 - sez. 2 - P_HEA220_S002 - 63% della Si limite.
asta 1684 - sez. 2 - P_HEA220_S002 - 62% della Si limite.
asta 1685 - sez. 2 - P_HEA220_S002 - 63% della Si limite.
asta 1686 - sez. 2 - P_HEA220_S002 - 62% della Si limite.

asta 1687 - sez. 2 - P_HEA220_S002 - 62% della Si limite.
asta 1688 - sez. 2 - P_HEA220_S002 - 63% della Si limite.
asta 1689 - sez. 2 - P_HEA220_S002 - 63% della Si limite.
asta 1690 - sez. 2 - P_HEA220_S002 - 62% della Si limite.
asta 1691 - sez. 2 - P_HEA220_S002 - 62% della Si limite.
asta 1692 - sez. 2 - P_HEA220_S002 - 60% della Si limite.
asta 1693 - sez. 2 - P_HEA220_S002 - 69% della Si limite.
asta 1694 - sez. 2 - P_HEA220_S002 - 71% della Si limite.
asta 1695 - sez. 2 - P_HEA220_S002 - 15% della Si limite.
asta 1696 - sez. 2 - P_HEA220_S002 - 17% della Si limite.
asta 1697 - sez. 2 - P_HEA220_S002 - 21% della Si limite.
asta 1698 - sez. 2 - P_HEA220_S002 - 23% della Si limite.
asta 1699 - sez. 2 - P_HEA220_S002 - 22% della Si limite.
asta 1700 - sez. 2 - P_HEA220_S002 - 22% della Si limite.
asta 1701 - sez. 2 - P_HEA220_S002 - 22% della Si limite.
asta 1702 - sez. 2 - P_HEA220_S002 - 22% della Si limite.
asta 1703 - sez. 2 - P_HEA220_S002 - 22% della Si limite.
asta 1704 - sez. 2 - P_HEA220_S002 - 22% della Si limite.
asta 1705 - sez. 2 - P_HEA220_S002 - 22% della Si limite.
asta 1706 - sez. 2 - P_HEA220_S002 - 22% della Si limite.
asta 1707 - sez. 2 - P_HEA220_S002 - 22% della Si limite.
asta 1708 - sez. 2 - P_HEA220_S002 - 22% della Si limite.
asta 1709 - sez. 2 - P_HEA220_S002 - 22% della Si limite.
asta 1710 - sez. 2 - P_HEA220_S002 - 21% della Si limite.
asta 1711 - sez. 2 - P_HEA220_S002 - 17% della Si limite.
asta 1712 - sez. 2 - P_HEA220_S002 - 15% della Si limite.
asta 1713 - sez. 2 - P_HEA220_S002 - 63% della Si limite.
asta 1714 - sez. 2 - P_HEA220_S002 - 61% della Si limite.
asta 1715 - sez. 2 - P_HEA220_S002 - 56% della Si limite.
asta 1716 - sez. 2 - P_HEA220_S002 - 58% della Si limite.
asta 1717 - sez. 2 - P_HEA220_S002 - 58% della Si limite.
asta 1718 - sez. 2 - P_HEA220_S002 - 59% della Si limite.
asta 1719 - sez. 2 - P_HEA220_S002 - 60% della Si limite.
asta 1720 - sez. 2 - P_HEA220_S002 - 57% della Si limite.
asta 1721 - sez. 2 - P_HEA220_S002 - 58% della Si limite.
asta 1722 - sez. 2 - P_HEA220_S002 - 57% della Si limite.
asta 1723 - sez. 2 - P_HEA220_S002 - 57% della Si limite.
asta 1724 - sez. 2 - P_HEA220_S002 - 59% della Si limite.
asta 1725 - sez. 2 - P_HEA220_S002 - 60% della Si limite.
asta 1726 - sez. 2 - P_HEA220_S002 - 57% della Si limite.
asta 1727 - sez. 2 - P_HEA220_S002 - 58% della Si limite.
asta 1728 - sez. 2 - P_HEA220_S002 - 57% della Si limite.
asta 1729 - sez. 2 - P_HEA220_S002 - 62% della Si limite.
asta 1730 - sez. 2 - P_HEA220_S002 - 63% della Si limite.
asta 1731 - sez. 2 - P_HEA220_S002 - 57% della Si limite.
asta 1732 - sez. 2 - P_HEA220_S002 - 58% della Si limite.
asta 1733 - sez. 2 - P_HEA220_S002 - 54% della Si limite.
asta 1734 - sez. 2 - P_HEA220_S002 - 56% della Si limite.
asta 1735 - sez. 2 - P_HEA220_S002 - 57% della Si limite.
asta 1736 - sez. 2 - P_HEA220_S002 - 58% della Si limite.
asta 1737 - sez. 2 - P_HEA220_S002 - 60% della Si limite.
asta 1738 - sez. 2 - P_HEA220_S002 - 56% della Si limite.
asta 1739 - sez. 2 - P_HEA220_S002 - 57% della Si limite.
asta 1740 - sez. 2 - P_HEA220_S002 - 56% della Si limite.
asta 1741 - sez. 2 - P_HEA220_S002 - 55% della Si limite.
asta 1742 - sez. 2 - P_HEA220_S002 - 58% della Si limite.
asta 1743 - sez. 2 - P_HEA220_S002 - 59% della Si limite.
asta 1744 - sez. 2 - P_HEA220_S002 - 56% della Si limite.
asta 1745 - sez. 2 - P_HEA220_S002 - 56% della Si limite.
asta 1746 - sez. 2 - P_HEA220_S002 - 54% della Si limite.
asta 1747 - sez. 2 - P_HEA220_S002 - 57% della Si limite.
asta 1748 - sez. 2 - P_HEA220_S002 - 22% della Si limite.
asta 1749 - sez. 2 - P_HEA220_S002 - 57% della Si limite.
asta 1750 - sez. 2 - P_HEA220_S002 - 3% della Ss limite.
asta 1751 - sez. 2 - P_HEA220_S002 - 3% della Ss limite.
asta 1752 - sez. 2 - P_HEA220_S002 - 5% della Si limite.
asta 1753 - sez. 2 - P_HEA220_S002 - 7% della Si limite.
asta 1754 - sez. 2 - P_HEA220_S002 - 7% della Si limite.
asta 1755 - sez. 2 - P_HEA220_S002 - 12% della Si limite.
asta 1756 - sez. 2 - P_HEA220_S002 - 7% della Si limite.
asta 1757 - sez. 2 - P_HEA220_S002 - 6% della Ss limite.
asta 1758 - sez. 2 - P_HEA220_S002 - 6% della Si limite.
asta 1759 - sez. 2 - P_HEA220_S002 - 12% della Si limite.
asta 1760 - sez. 2 - P_HEA220_S002 - 12% della Si limite.
asta 1761 - sez. 2 - P_HEA220_S002 - 7% della Si limite.
asta 1762 - sez. 2 - P_HEA220_S002 - 7% della Si limite.
asta 1763 - sez. 2 - P_HEA220_S002 - 5% della Si limite.
asta 1764 - sez. 2 - P_HEA220_S002 - 2% della Si limite.
asta 1766 - sez. 2 - P_HEA220_S002 - 2% della Si limite.

asta 1767 - sez. 2 - P_HEA220_S002 - 4% della Si limite.
asta 1768 - sez. 2 - P_HEA220_S002 - 3% della Si limite.
asta 1769 - sez. 2 - P_HEA220_S002 - 5% della Si limite.
asta 1770 - sez. 2 - P_HEA220_S002 - 7% della Si limite.
asta 1771 - sez. 2 - P_HEA220_S002 - 7% della Si limite.
asta 1772 - sez. 2 - P_HEA220_S002 - 12% della Si limite.
asta 1773 - sez. 2 - P_HEA220_S002 - 12% della Si limite.
asta 1774 - sez. 2 - P_HEA220_S002 - 6% della Si limite.
asta 1775 - sez. 2 - P_HEA220_S002 - 7% della Ss limite.
asta 1776 - sez. 2 - P_HEA220_S002 - 7% della Ss limite.
asta 1777 - sez. 2 - P_HEA220_S002 - 6% della Si limite.
asta 1778 - sez. 2 - P_HEA220_S002 - 12% della Si limite.
asta 1779 - sez. 2 - P_HEA220_S002 - 12% della Si limite.
asta 1780 - sez. 2 - P_HEA220_S002 - 8% della Si limite.
asta 1781 - sez. 2 - P_HEA220_S002 - 8% della Si limite.
asta 1782 - sez. 2 - P_HEA220_S002 - 5% della Si limite.
asta 1783 - sez. 2 - P_HEA220_S002 - 3% della Si limite.
asta 1785 - sez. 2 - P_HEA220_S002 - 4% della Si limite.
asta 1786 - sez. 2 - P_HEA220_S002 - 30% della Si limite.
asta 1787 - sez. 2 - P_HEA220_S002 - 33% della Si limite.
asta 1788 - sez. 2 - P_HEA220_S002 - 42% della Si limite.
asta 1789 - sez. 2 - P_HEA220_S002 - 43% della Si limite.
asta 1790 - sez. 2 - P_HEA220_S002 - 42% della Si limite.
asta 1791 - sez. 2 - P_HEA220_S002 - 43% della Si limite.
asta 1792 - sez. 2 - P_HEA220_S002 - 43% della Si limite.
asta 1793 - sez. 2 - P_HEA220_S002 - 42% della Si limite.
asta 1794 - sez. 2 - P_HEA220_S002 - 42% della Si limite.
asta 1795 - sez. 2 - P_HEA220_S002 - 42% della Si limite.
asta 1796 - sez. 2 - P_HEA220_S002 - 42% della Si limite.
asta 1797 - sez. 2 - P_HEA220_S002 - 43% della Si limite.
asta 1798 - sez. 2 - P_HEA220_S002 - 43% della Si limite.
asta 1799 - sez. 2 - P_HEA220_S002 - 42% della Si limite.
asta 1800 - sez. 2 - P_HEA220_S002 - 43% della Si limite.
asta 1801 - sez. 2 - P_HEA220_S002 - 42% della Si limite.
asta 1802 - sez. 2 - P_HEA220_S002 - 32% della Si limite.
asta 1803 - sez. 2 - P_HEA220_S002 - 30% della Si limite.
asta 1804 - sez. 2 - P_HEA220_S002 - 33% della Si limite.
asta 1805 - sez. 2 - P_HEA220_S002 - 30% della Si limite.
asta 1806 - sez. 2 - P_HEA220_S002 - 43% della Si limite.
asta 1807 - sez. 2 - P_HEA220_S002 - 42% della Si limite.
asta 1808 - sez. 2 - P_HEA220_S002 - 42% della Si limite.
asta 1809 - sez. 2 - P_HEA220_S002 - 42% della Si limite.
asta 1810 - sez. 2 - P_HEA220_S002 - 42% della Si limite.
asta 1811 - sez. 2 - P_HEA220_S002 - 42% della Si limite.
asta 1812 - sez. 2 - P_HEA220_S002 - 42% della Si limite.
asta 1813 - sez. 2 - P_HEA220_S002 - 42% della Si limite.
asta 1814 - sez. 2 - P_HEA220_S002 - 42% della Si limite.
asta 1815 - sez. 2 - P_HEA220_S002 - 42% della Si limite.
asta 1816 - sez. 2 - P_HEA220_S002 - 42% della Si limite.
asta 1817 - sez. 2 - P_HEA220_S002 - 42% della Si limite.
asta 1818 - sez. 2 - P_HEA220_S002 - 30% della Si limite.
asta 1819 - sez. 2 - P_HEA220_S002 - 33% della Si limite.
asta 1820 - sez. 2 - P_HEA220_S002 - 42% della Si limite.
asta 1821 - sez. 2 - P_HEA220_S002 - 43% della Si limite.
asta 1822 - sez. 2 - P_HEA220_S002 - 58% della Si limite.
asta 1823 - sez. 2 - P_HEA220_S002 - 56% della Si limite.
asta 1824 - sez. 2 - P_HEA220_S002 - 53% della Si limite.
asta 1825 - sez. 2 - P_HEA220_S002 - 53% della Si limite.
asta 1826 - sez. 2 - P_HEA220_S002 - 55% della Si limite.
asta 1827 - sez. 2 - P_HEA220_S002 - 57% della Si limite.
asta 1828 - sez. 2 - P_HEA220_S002 - 60% della Si limite.
asta 1829 - sez. 2 - P_HEA220_S002 - 57% della Si limite.
asta 1830 - sez. 2 - P_HEA220_S002 - 58% della Si limite.
asta 1831 - sez. 2 - P_HEA220_S002 - 54% della Si limite.
asta 1832 - sez. 2 - P_HEA220_S002 - 55% della Si limite.
asta 1833 - sez. 2 - P_HEA220_S002 - 53% della Si limite.
asta 1834 - sez. 2 - P_HEA220_S002 - 55% della Si limite.
asta 1836 - sez. 2 - P_HEA220_S002 - 56% della Si limite.
asta 1837 - sez. 2 - P_HEA220_S002 - 73% della Si limite.
asta 1838 - sez. 2 - P_HEA220_S002 - 72% della Si limite.
asta 1839 - sez. 2 - P_HEA220_S002 - 73% della Si limite.
asta 1840 - sez. 2 - P_HEA220_S002 - 71% della Si limite.
asta 1841 - sez. 2 - P_HEA220_S002 - 75% della Si limite.
asta 1842 - sez. 2 - P_HEA220_S002 - 72% della Si limite.
asta 1843 - sez. 2 - P_HEA220_S002 - 74% della Si limite.
asta 1844 - sez. 2 - P_HEA220_S002 - 73% della Si limite.
asta 1845 - sez. 2 - P_HEA220_S002 - 74% della Si limite.
asta 1846 - sez. 2 - P_HEA220_S002 - 74% della Si limite.
asta 1847 - sez. 2 - P_HEA220_S002 - 72% della Si limite.

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asta   1848 - sez.   2 - P_HEA220_S002       -  72% della Si limite.
asta   1849 - sez.   2 - P_HEA220_S002       -  71% della Si limite.
asta   1850 - sez.   2 - P_HEA220_S002       -  73% della Si limite.
asta   1851 - sez.   2 - P_HEA220_S002       -  84% della Si limite.
asta   1852 - sez.   2 - P_HEA220_S002       -  84% della Si limite.
asta   1853 - sez.   2 - P_HEA220_S002       -  77% della Si limite.
asta   1854 - sez.   2 - P_HEA220_S002       -  80% della Si limite.
asta   1855 - sez.   2 - P_HEA220_S002       -  80% della Si limite.
asta   1856 - sez.   2 - P_HEA220_S002       -  80% della Si limite.
asta   1857 - sez.   2 - P_HEA220_S002       -  80% della Si limite.
asta   1858 - sez.   2 - P_HEA220_S002       -  80% della Si limite.
asta   1859 - sez.   2 - P_HEA220_S002       -  81% della Si limite.
asta   1860 - sez.   2 - P_HEA220_S002       -  80% della Si limite.
asta   1861 - sez.   2 - P_HEA220_S002       -  80% della Si limite.
asta   1862 - sez.   2 - P_HEA220_S002       -  77% della Si limite.
asta   1863 - sez.   2 - P_HEA220_S002       -  84% della Si limite.
asta   1864 - sez.   2 - P_HEA220_S002       -  83% della Si limite.
asta   1865 - sez.   2 - P_HEA220_S002       -  82% della Si limite.
asta   1866 - sez.   2 - P_HEA220_S002       -  77% della Si limite.
asta   1867 - sez.   2 - P_HEA220_S002       -  77% della Si limite.
asta   1868 - sez.   2 - P_HEA220_S002       -  81% della Si limite.
asta   1869 - sez.   2 - P_HEA220_S002       -  82% della Si limite.
asta   1870 - sez.   2 - P_HEA220_S002       -  86% della Si limite.
asta   1871 - sez.   2 - P_HEA220_S002       -  87% della Si limite.
asta   1872 - sez.   2 - P_HEA220_S002       -  82% della Si limite.
asta   1873 - sez.   2 - P_HEA220_S002       -  59% della Si limite.
asta   1874 - sez.   2 - P_HEA220_S002       -  61% della Si limite.
asta   1875 - sez.   2 - P_HEA220_S002       -  12% della Si limite.
asta   1876 - sez.   2 - P_HEA220_S002       -   6% della Si limite.
asta   1877 - sez.   2 - P_HEA220_S002       -  60% della Si limite.
asta   1878 - sez.   2 - P_HEA220_S002       -  59% della Si limite.
asta     83 - sez.   3 - P_HEA1100_S003      -  55% della Si limite.
asta     84 - sez.   3 - P_HEA1100_S003      -  37% della Si limite.
asta     85 - sez.   3 - P_HEA1100_S003      -  30% della Si limite.
asta     86 - sez.   3 - P_HEA1100_S003      -  28% della Si limite.
asta     90 - sez.   3 - P_HEA1100_S003      -  59% della Si limite.
asta     91 - sez.   3 - P_HEA1100_S003      -  38% della Si limite.
asta     92 - sez.   3 - P_HEA1100_S003      -  40% della Ss limite.
asta     93 - sez.   3 - P_HEA1100_S003      -  41% della Ss limite.
asta     97 - sez.   3 - P_HEA1100_S003      -  61% della Si limite.
asta     98 - sez.   3 - P_HEA1100_S003      -  43% della Ss limite.
asta     99 - sez.   3 - P_HEA1100_S003      -  47% della Ss limite.
asta    100 - sez.   3 - P_HEA1100_S003      -  49% della Ss limite.
asta    101 - sez.   3 - P_HEA1100_S003      -  47% della Ss limite.
asta    103 - sez.   3 - P_HEA1100_S003      -  38% della Si limite.
asta    104 - sez.   3 - P_HEA1100_S003      -  60% della Si limite.
asta    105 - sez.   3 - P_HEA1100_S003      -  39% della Ss limite.
asta    106 - sez.   3 - P_HEA1100_S003      -  33% della Ss limite.
asta    107 - sez.   3 - P_HEA1100_S003      -  35% della Ss limite.
asta    108 - sez.   3 - P_HEA1100_S003      -  34% della Ss limite.
asta    110 - sez.   3 - P_HEA1100_S003      -  29% della Si limite.
asta    112 - sez.   3 - P_HEA1100_S003      -   2% della Si limite.
asta    488 - sez.   3 - P_HEA1100_S003      -  39% della Ss limite.
asta    490 - sez.   3 - P_HEA1100_S003      -  36% della Si limite.
asta    502 - sez.   3 - P_HEA1100_S003      -  27% della Ss limite.
asta    504 - sez.   3 - P_HEA1100_S003      -  21% della Si limite.
asta   1988 - sez.   3 - P_HEA1100_S003      -   1% della Si limite.
asta    115 - sez.   5 - G_2LU200x20         -   1% della Si limite.
asta    116 - sez.   5 - G_2LU200x20         -  15% della Si limite.
asta    117 - sez.   5 - G_2LU200x20         -   4% della Ss limite.
asta    118 - sez.   5 - G_2LU200x20         -  13% della Si limite.
asta    119 - sez.   5 - G_2LU200x20         -   4% della Ss limite.
asta    626 - sez.   5 - G_2LU200x20         -  54% della Si limite.
asta    632 - sez.   5 - G_2LU200x20         -  53% della Si limite.
asta    639 - sez.   5 - G_2LU200x20         -  57% della Si limite.
asta    644 - sez.   5 - G_2LU200x20         -  57% della Si limite.
asta    646 - sez.   5 - G_2LU200x20         -  59% della Si limite.
asta    649 - sez.   5 - G_2LU200x20         -  65% della Si limite.
asta    651 - sez.   5 - G_2LU200x20         -  56% della Si limite.
asta    655 - sez.   5 - G_2LU200x20         -  67% della Si limite.
asta    656 - sez.   5 - G_2LU200x20         -  95% della Si limite.
asta   1230 - sez.   5 - G_2LU200x20         -  40% della Si limite.
asta   1231 - sez.   5 - G_2LU200x20         -  37% della Si limite.
asta   1232 - sez.   5 - G_2LU200x20         -  51% della Si limite.
asta   1233 - sez.   5 - G_2LU200x20         -  56% della Si limite.
asta   1235 - sez.   5 - G_2LU200x20         -  89% della Si limite.
asta   1236 - sez.   5 - G_2LU200x20         -  43% della Si limite.
asta   1237 - sez.   5 - G_2LU200x20         -  41% della Si limite.
asta   1238 - sez.   5 - G_2LU200x20         -  48% della Si limite.
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asta   1239 - sez.   5 - G_2LU200x20         -  53% della Si limite.
asta   1241 - sez.   5 - G_2LU200x20         -  84% della Si limite.
asta   1242 - sez.   5 - G_2LU200x20         -  46% della Si limite.
asta   1243 - sez.   5 - G_2LU200x20         -  43% della Si limite.
asta   1244 - sez.   5 - G_2LU200x20         -  46% della Si limite.
asta   1245 - sez.   5 - G_2LU200x20         -  51% della Si limite.
asta   1494 - sez.   5 - G_2LU200x20         -  36% della Si limite.
asta   1513 - sez.   5 - G_2LU200x20         -  37% della Si limite.
asta   1514 - sez.   5 - G_2LU200x20         -  60% della Si limite.
asta   1987 - sez.   5 - G_2LU200x20         -   1% della Si limite.
asta   2028 - sez.   5 - G_2LU200x20         -  43% della Si limite.
asta   2229 - sez.   5 - G_2LU200x20         -  36% della Si limite.
asta   2230 - sez.   5 - G_2LU200x20         -  20% della Si limite.
asta   2231 - sez.   5 - G_2LU200x20         -  20% della Si limite.
asta   2232 - sez.   5 - G_2LU200x20         -  23% della Si limite.
asta   2233 - sez.   5 - G_2LU200x20         -  20% della Si limite.
asta   2234 - sez.   5 - G_2LU200x20         -  15% della Si limite.
asta   2235 - sez.   5 - G_2LU200x20         -  20% della Si limite.
asta   2236 - sez.   5 - G_2LU200x20         -  37% della Si limite.
asta   2237 - sez.   5 - G_2LU200x20         -  37% della Si limite.
asta   2238 - sez.   5 - G_2LU200x20         -  23% della Si limite.
asta   2239 - sez.   5 - G_2LU200x20         -  30% della Si limite.
asta   2240 - sez.   5 - G_2LU200x20         -  18% della Si limite.
asta   2241 - sez.   5 - G_2LU200x20         -  18% della Si limite.
asta   2242 - sez.   5 - G_2LU200x20         -  25% della Si limite.
asta   2243 - sez.   5 - G_2LU200x20         -  27% della Si limite.
asta   2244 - sez.   5 - G_2LU200x20         -  20% della Si limite.
asta   2245 - sez.   5 - G_2LU200x20         -  21% della Si limite.
asta   2246 - sez.   5 - G_2LU200x20         -  22% della Si limite.
asta   2247 - sez.   5 - G_2LU200x20         -  20% della Si limite.
asta   2248 - sez.   5 - G_2LU200x20         -  16% della Si limite.
asta   2249 - sez.   5 - G_2LU200x20         -  34% della Si limite.
asta   2250 - sez.   5 - G_2LU200x20         -  20% della Si limite.
asta   2251 - sez.   5 - G_2LU200x20         -  20% della Si limite.
asta   2252 - sez.   5 - G_2LU200x20         -  16% della Si limite.
asta   2253 - sez.   5 - G_2LU200x20         -  22% della Si limite.
asta   2254 - sez.   5 - G_2LU200x20         -  24% della Ss limite.
asta   2255 - sez.   5 - G_2LU200x20         -  24% della Si limite.
asta   2256 - sez.   5 - G_2LU200x20         -  37% della Si limite.
asta   2257 - sez.   5 - G_2LU200x20         -  11% della Si limite.
asta   2258 - sez.   5 - G_2LU200x20         -  11% della Si limite.
asta   2259 - sez.   5 - G_2LU200x20         -  17% della Si limite.
asta   2260 - sez.   5 - G_2LU200x20         -  58% della Si limite.
asta   2261 - sez.   5 - G_2LU200x20         -  18% della Si limite.
asta   2262 - sez.   5 - G_2LU200x20         -  62% della Si limite.
asta   2263 - sez.   5 - G_2LU200x20         -  18% della Si limite.
asta   2264 - sez.   5 - G_2LU200x20         -  11% della Si limite.
asta   2265 - sez.   5 - G_2LU200x20         -  14% della Si limite.
asta   2266 - sez.   5 - G_2LU200x20         -  36% della Si limite.
asta   2267 - sez.   5 - G_2LU200x20         -  24% della Si limite.
asta   2268 - sez.   5 - G_2LU200x20         -  32% della Ss limite.
asta   2269 - sez.   5 - G_2LU200x20         -  32% della Si limite.
asta   2270 - sez.   5 - G_2LU200x20         -  28% della Si limite.
asta    120 - sez.   6 - G_2LU150x18         -  18% della Si limite.
asta    121 - sez.   6 - G_2LU150x18         -   6% della Ss limite.
asta    122 - sez.   6 - G_2LU150x18         -  25% della Ss limite.
asta    123 - sez.   6 - G_2LU150x18         -  62% della Ss limite.
asta    124 - sez.   6 - G_2LU150x18         -  21% della Si limite.
asta    125 - sez.   6 - G_2LU150x18         -   8% della Si limite.
asta    126 - sez.   6 - G_2LU150x18         -  15% della Ss limite.
asta    127 - sez.   6 - G_2LU150x18         -  50% della Ss limite.
asta    128 - sez.   6 - G_2LU150x18         -  20% della Si limite.
asta    129 - sez.   6 - G_2LU150x18         -   6% della Si limite.
asta    130 - sez.   6 - G_2LU150x18         -  15% della Ss limite.
asta    131 - sez.   6 - G_2LU150x18         -  21% della Ss limite.
asta    132 - sez.   7 - G_2LU150x18         -   4% della Si limite.
asta    133 - sez.   7 - G_2LU150x18         -  11% della Si limite.
asta    134 - sez.   7 - G_2LU150x18         -   9% della Ss limite.
asta    135 - sez.   7 - G_2LU150x18         -  11% della Ss limite.
asta    136 - sez.   7 - G_2LU150x18         -   1% della Si limite.
asta    137 - sez.   7 - G_2LU150x18         -   8% della Si limite.
asta    138 - sez.   7 - G_2LU150x18         -  10% della Ss limite.
asta    139 - sez.   7 - G_2LU150x18         -   3% della Si limite.
asta    140 - sez.   7 - G_2LU150x18         -   3% della Si limite.
asta    395 - sez.   8 - G_2hea300+legno     -  24% della Si limite.
asta    397 - sez.   8 - G_2hea300+legno     -  48% della Si limite.
asta    398 - sez.   8 - G_2hea300+legno     -  39% della Si limite.
asta    399 - sez.   8 - G_2hea300+legno     -  23% della Si limite.
asta    402 - sez.   8 - G_2hea300+legno     -  34% della Si limite.
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asta    403 - sez.   8 - G_2hea300+legno      -  34% della Si limite.
asta    406 - sez.   8 - G_2hea300+legno      -  35% della Si limite.
asta    407 - sez.   8 - G_2hea300+legno      -   1% della Si limite.
asta    408 - sez.   8 - G_2hea300+legno      -  28% della Si limite.
asta    409 - sez.   8 - G_2hea300+legno      -  35% della Si limite.
asta    412 - sez.   8 - G_2hea300+legno      -  58% della Si limite.
asta    419 - sez.   8 - G_2hea300+legno      -  44% della Si limite.
asta    420 - sez.   8 - G_2hea300+legno      -  38% della Si limite.
asta    421 - sez.   8 - G_2hea300+legno      -  25% della Si limite.
asta    425 - sez.   8 - G_2hea300+legno      -  55% della Si limite.
asta    426 - sez.   8 - G_2hea300+legno      -  46% della Si limite.
asta    427 - sez.   8 - G_2hea300+legno      -  27% della Si limite.
asta    434 - sez.   8 - G_2hea300+legno      -  53% della Si limite.
asta    435 - sez.   8 - G_2hea300+legno      -  45% della Si limite.
asta    436 - sez.   8 - G_2hea300+legno      -  26% della Si limite.
asta    440 - sez.   8 - G_2hea300+legno      -  53% della Si limite.
asta    441 - sez.   8 - G_2hea300+legno      -  44% della Si limite.
asta    442 - sez.   8 - G_2hea300+legno      -  27% della Si limite.
asta    449 - sez.   8 - G_2hea300+legno      -  69% della Si limite.
asta    450 - sez.   8 - G_2hea300+legno      -  59% della Si limite.
asta    451 - sez.   8 - G_2hea300+legno      -  45% della Si limite.
asta    452 - sez.   8 - G_2hea300+legno      -  29% della Si limite.
asta    453 - sez.   8 - G_2hea300+legno      -  24% della Si limite.
asta    454 - sez.   8 - G_2hea300+legno      -  22% della Si limite.
asta    455 - sez.   8 - G_2hea300+legno      -  59% della Si limite.
asta    456 - sez.   8 - G_2hea300+legno      -  55% della Si limite.
asta    457 - sez.   8 - G_2hea300+legno      -  39% della Si limite.
asta    458 - sez.   8 - G_2hea300+legno      -  42% della Si limite.
asta    459 - sez.   8 - G_2hea300+legno      -  38% della Si limite.
asta    460 - sez.   8 - G_2hea300+legno      -  26% della Si limite.
asta    461 - sez.   8 - G_2hea300+legno      -  21% della Ss limite.
asta    462 - sez.   8 - G_2hea300+legno      -  18% della Ss limite.
asta    463 - sez.   8 - G_2hea300+legno      -  14% della Si limite.
asta    464 - sez.   8 - G_2hea300+legno      -  25% della Si limite.
asta    465 - sez.   8 - G_2hea300+legno      -  22% della Si limite.
asta    466 - sez.   8 - G_2hea300+legno      -  22% della Si limite.
asta    467 - sez.   8 - G_2hea300+legno      -   1% della Si limite.
asta    468 - sez.   8 - G_2hea300+legno      -   1% della Si limite.
asta    469 - sez.   8 - G_2hea300+legno      -   1% della Si limite.
asta    499 - sez.   8 - G_2hea300+legno      -  27% della Si limite.
asta    501 - sez.   8 - G_2hea300+legno      -  31% della Si limite.
asta    580 - sez.   8 - G_2hea300+legno      -  37% della Si limite.
asta    581 - sez.   8 - G_2hea300+legno      -  14% della Si limite.
asta    582 - sez.   8 - G_2hea300+legno      -  22% della Ss limite.
asta    583 - sez.   8 - G_2hea300+legno      -  22% della Si limite.
asta    584 - sez.   8 - G_2hea300+legno      -  50% della Si limite.
asta    691 - sez.   8 - G_2hea300+legno      -  23% della Si limite.
asta    692 - sez.   8 - G_2hea300+legno      -  18% della Ss limite.
asta    693 - sez.   8 - G_2hea300+legno      -  18% della Ss limite.
asta    694 - sez.   8 - G_2hea300+legno      -  21% della Si limite.
asta    695 - sez.   8 - G_2hea300+legno      -  21% della Si limite.
asta    696 - sez.   8 - G_2hea300+legno      -  12% della Si limite.
asta    697 - sez.   8 - G_2hea300+legno      -  11% della Si limite.
asta    698 - sez.   8 - G_2hea300+legno      -  31% della Si limite.
asta    699 - sez.   8 - G_2hea300+legno      -  36% della Si limite.
asta    700 - sez.   8 - G_2hea300+legno      -  20% della Si limite.
asta    702 - sez.   8 - G_2hea300+legno      -  20% della Si limite.
asta    703 - sez.   8 - G_2hea300+legno      -  34% della Si limite.
asta    704 - sez.   8 - G_2hea300+legno      -  17% della Si limite.
asta    705 - sez.   8 - G_2hea300+legno      -  13% della Ss limite.
asta    706 - sez.   8 - G_2hea300+legno      -  12% della Ss limite.
asta    707 - sez.   8 - G_2hea300+legno      -   7% della Si limite.
asta    708 - sez.   8 - G_2hea300+legno      -  23% della Si limite.
asta    709 - sez.   8 - G_2hea300+legno      -  35% della Si limite.
asta    710 - sez.   8 - G_2hea300+legno      -  35% della Si limite.
asta    711 - sez.   8 - G_2hea300+legno      -  19% della Si limite.
asta    712 - sez.   8 - G_2hea300+legno      -  29% della Si limite.
asta    713 - sez.   8 - G_2hea300+legno      -  29% della Si limite.
asta    714 - sez.   8 - G_2hea300+legno      -  16% della Si limite.
asta    715 - sez.   8 - G_2hea300+legno      -  16% della Si limite.
asta    716 - sez.   8 - G_2hea300+legno      -  16% della Si limite.
asta    717 - sez.   8 - G_2hea300+legno      -   9% della Si limite.
asta    718 - sez.   8 - G_2hea300+legno      -  56% della Si limite.
asta    719 - sez.   8 - G_2hea300+legno      -  31% della Si limite.
asta    720 - sez.   8 - G_2hea300+legno      -  47% della Si limite.
asta    721 - sez.   8 - G_2hea300+legno      -  26% della Si limite.
asta    722 - sez.   8 - G_2hea300+legno      -  27% della Si limite.
asta    723 - sez.   8 - G_2hea300+legno      -  15% della Si limite.
asta    725 - sez.   8 - G_2hea300+legno      -  31% della Si limite.
```

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asta    726 - sez.   8 - G_2hea300+legno      -  52% della Si limite.
asta    728 - sez.   8 - G_2hea300+legno      -  26% della Si limite.
asta    729 - sez.   8 - G_2hea300+legno      -  43% della Si limite.
asta    731 - sez.   8 - G_2hea300+legno      -  15% della Si limite.
asta    732 - sez.   8 - G_2hea300+legno      -  26% della Si limite.
asta    733 - sez.   8 - G_2hea300+legno      -  56% della Si limite.
asta    734 - sez.   8 - G_2hea300+legno      -  22% della Si limite.
asta    735 - sez.   8 - G_2hea300+legno      -  47% della Si limite.
asta    736 - sez.   8 - G_2hea300+legno      -  18% della Si limite.
asta    737 - sez.   8 - G_2hea300+legno      -  28% della Si limite.
asta    738 - sez.   8 - G_2hea300+legno      -  11% della Si limite.
asta    739 - sez.   8 - G_2hea300+legno      -  33% della Ss limite.
asta    740 - sez.   8 - G_2hea300+legno      -  33% della Si limite.
asta    741 - sez.   8 - G_2hea300+legno      -  51% della Si limite.
asta    742 - sez.   8 - G_2hea300+legno      -  27% della Ss limite.
asta    743 - sez.   8 - G_2hea300+legno      -  27% della Si limite.
asta    744 - sez.   8 - G_2hea300+legno      -  41% della Si limite.
asta    745 - sez.   8 - G_2hea300+legno      -  17% della Ss limite.
asta    746 - sez.   8 - G_2hea300+legno      -  17% della Ss limite.
asta    747 - sez.   8 - G_2hea300+legno      -  39% della Si limite.
asta    748 - sez.   8 - G_2hea300+legno      -  19% della Si limite.
asta    749 - sez.   8 - G_2hea300+legno      -  19% della Ss limite.
asta    750 - sez.   8 - G_2hea300+legno      -  33% della Si limite.
asta    751 - sez.   8 - G_2hea300+legno      -  16% della Si limite.
asta    752 - sez.   8 - G_2hea300+legno      -  16% della Ss limite.
asta    753 - sez.   8 - G_2hea300+legno      -   9% della Si limite.
asta    754 - sez.   8 - G_2hea300+legno      -   7% della Si limite.
asta    755 - sez.   8 - G_2hea300+legno      -  18% della Si limite.
asta    756 - sez.   8 - G_2hea300+legno      -  12% della Si limite.
asta    757 - sez.   8 - G_2hea300+legno      -  20% della Si limite.
asta    758 - sez.   8 - G_2hea300+legno      -  20% della Si limite.
asta    759 - sez.   8 - G_2hea300+legno      -  16% della Si limite.
asta    760 - sez.   8 - G_2hea300+legno      -  31% della Si limite.
asta    761 - sez.   8 - G_2hea300+legno      -  31% della Si limite.
asta    762 - sez.   8 - G_2hea300+legno      -  13% della Si limite.
asta    763 - sez.   8 - G_2hea300+legno      -  26% della Si limite.
asta    764 - sez.   8 - G_2hea300+legno      -  26% della Si limite.
asta    765 - sez.   8 - G_2hea300+legno      -   8% della Si limite.
asta    766 - sez.   8 - G_2hea300+legno      -  15% della Si limite.
asta    767 - sez.   8 - G_2hea300+legno      -  15% della Si limite.
asta   1228 - sez.   8 - G_2hea300+legno      -  32% della Si limite.
asta   1229 - sez.   8 - G_2hea300+legno      -  23% della Si limite.
asta    574 - sez.   9 - P_HEA600_S009        -   8% della Si limite.
asta    577 - sez.   9 - P_HEA600_S009        -   8% della Si limite.
asta   1031 - sez.   9 - P_HEA600_S009        -  36% della Si limite.
asta   1032 - sez.   9 - P_HEA600_S009        -  28% della Si limite.
asta   1033 - sez.   9 - P_HEA600_S009        -  52% della Si limite.
asta   1034 - sez.   9 - P_HEA600_S009        -  55% della Si limite.
asta   1035 - sez.   9 - P_HEA600_S009        -  27% della Si limite.
asta   1036 - sez.   9 - P_HEA600_S009        -  51% della Si limite.
asta   1037 - sez.   9 - P_HEA600_S009        -  53% della Si limite.
asta   1038 - sez.   9 - P_HEA600_S009        -  26% della Si limite.
asta   1039 - sez.   9 - P_HEA600_S009        -  32% della Si limite.
asta   1040 - sez.   9 - P_HEA600_S009        -  46% della Si limite.
asta   1041 - sez.   9 - P_HEA600_S009        -  22% della Si limite.
asta   1042 - sez.   9 - P_HEA600_S009        -  47% della Si limite.
asta   1043 - sez.   9 - P_HEA600_S009        -  52% della Si limite.
asta   1044 - sez.   9 - P_HEA600_S009        -  22% della Si limite.
asta   1045 - sez.   9 - P_HEA600_S009        -  53% della Si limite.
asta   1046 - sez.   9 - P_HEA600_S009        -  51% della Si limite.
asta   1047 - sez.   9 - P_HEA600_S009        -  22% della Si limite.
asta   1048 - sez.   9 - P_HEA600_S009        -  48% della Si limite.
asta   1049 - sez.   9 - P_HEA600_S009        -  23% della Si limite.
asta   1050 - sez.   9 - P_HEA600_S009        -  20% della Si limite.
asta   1051 - sez.   9 - P_HEA600_S009        -  28% della Si limite.
asta   1052 - sez.   9 - P_HEA600_S009        -  27% della Si limite.
asta   1053 - sez.   9 - P_HEA600_S009        -  12% della Ss limite.
asta   1054 - sez.   9 - P_HEA600_S009        -  28% della Si limite.
asta   1055 - sez.   9 - P_HEA600_S009        -  27% della Si limite.
asta   1056 - sez.   9 - P_HEA600_S009        -  20% della Si limite.
asta   1057 - sez.   9 - P_HEA600_S009        -  24% della Si limite.
asta   1058 - sez.   9 - P_HEA600_S009        -  24% della Si limite.
asta   1059 - sez.   9 - P_HEA600_S009        -  21% della Si limite.
asta   1060 - sez.   9 - P_HEA600_S009        -  29% della Si limite.
asta   1061 - sez.   9 - P_HEA600_S009        -  25% della Si limite.
asta   1062 - sez.   9 - P_HEA600_S009        -  12% della Ss limite.
asta   1063 - sez.   9 - P_HEA600_S009        -  26% della Si limite.
asta   1064 - sez.   9 - P_HEA600_S009        -  27% della Si limite.
asta   1065 - sez.   9 - P_HEA600_S009        -  20% della Ss limite.
```

asta 1066 - sez. 9 - P_HEA600_S009 - 26% della Si limite.
asta 1067 - sez. 9 - P_HEA600_S009 - 24% della Si limite.
asta 1068 - sez. 9 - P_HEA600_S009 - 21% della Si limite.
asta 1069 - sez. 9 - P_HEA600_S009 - 29% della Si limite.
asta 1070 - sez. 9 - P_HEA600_S009 - 26% della Si limite.
asta 1071 - sez. 9 - P_HEA600_S009 - 13% della Ss limite.
asta 1072 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1073 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1074 - sez. 9 - P_HEA600_S009 - 21% della Ss limite.
asta 1075 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1076 - sez. 9 - P_HEA600_S009 - 25% della Si limite.
asta 1077 - sez. 9 - P_HEA600_S009 - 14% della Si limite.
asta 1078 - sez. 9 - P_HEA600_S009 - 24% della Si limite.
asta 1079 - sez. 9 - P_HEA600_S009 - 22% della Si limite.
asta 1080 - sez. 9 - P_HEA600_S009 - 13% della Si limite.
asta 1081 - sez. 9 - P_HEA600_S009 - 23% della Si limite.
asta 1082 - sez. 9 - P_HEA600_S009 - 23% della Si limite.
asta 1083 - sez. 9 - P_HEA600_S009 - 14% della Ss limite.
asta 1084 - sez. 9 - P_HEA600_S009 - 28% della Si limite.
asta 1085 - sez. 9 - P_HEA600_S009 - 25% della Si limite.
asta 1086 - sez. 9 - P_HEA600_S009 - 16% della Si limite.
asta 1087 - sez. 9 - P_HEA600_S009 - 28% della Si limite.
asta 1088 - sez. 9 - P_HEA600_S009 - 26% della Si limite.
asta 1089 - sez. 9 - P_HEA600_S009 - 12% della Si limite.
asta 1090 - sez. 9 - P_HEA600_S009 - 26% della Si limite.
asta 1091 - sez. 9 - P_HEA600_S009 - 28% della Si limite.
asta 1092 - sez. 9 - P_HEA600_S009 - 16% della Si limite.
asta 1093 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1094 - sez. 9 - P_HEA600_S009 - 28% della Si limite.
asta 1095 - sez. 9 - P_HEA600_S009 - 28% della Si limite.
asta 1096 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1097 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1098 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1099 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1100 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1101 - sez. 9 - P_HEA600_S009 - 28% della Si limite.
asta 1102 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1103 - sez. 9 - P_HEA600_S009 - 28% della Si limite.
asta 1104 - sez. 9 - P_HEA600_S009 - 28% della Ss limite.
asta 1105 - sez. 9 - P_HEA600_S009 - 26% della Si limite.
asta 1106 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1107 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1108 - sez. 9 - P_HEA600_S009 - 26% della Si limite.
asta 1109 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1110 - sez. 9 - P_HEA600_S009 - 28% della Ss limite.
asta 1111 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1112 - sez. 9 - P_HEA600_S009 - 28% della Si limite.
asta 1113 - sez. 9 - P_HEA600_S009 - 28% della Ss limite.
asta 1114 - sez. 9 - P_HEA600_S009 - 26% della Si limite.
asta 1115 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1116 - sez. 9 - P_HEA600_S009 - 27% della Ss limite.
asta 1117 - sez. 9 - P_HEA600_S009 - 26% della Si limite.
asta 1118 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1119 - sez. 9 - P_HEA600_S009 - 28% della Ss limite.
asta 1120 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1121 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1122 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1123 - sez. 9 - P_HEA600_S009 - 26% della Si limite.
asta 1124 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1125 - sez. 9 - P_HEA600_S009 - 27% della Ss limite.
asta 1126 - sez. 9 - P_HEA600_S009 - 26% della Si limite.
asta 1127 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1128 - sez. 9 - P_HEA600_S009 - 27% della Ss limite.
asta 1129 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1130 - sez. 9 - P_HEA600_S009 - 28% della Si limite.
asta 1131 - sez. 9 - P_HEA600_S009 - 28% della Si limite.
asta 1132 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1133 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1134 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1135 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1136 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1137 - sez. 9 - P_HEA600_S009 - 28% della Si limite.
asta 1138 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1139 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1140 - sez. 9 - P_HEA600_S009 - 28% della Si limite.
asta 1141 - sez. 9 - P_HEA600_S009 - 26% della Si limite.
asta 1142 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1143 - sez. 9 - P_HEA600_S009 - 27% della Ss limite.
asta 1144 - sez. 9 - P_HEA600_S009 - 26% della Si limite.

asta 1145 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1146 - sez. 9 - P_HEA600_S009 - 28% della Ss limite.
asta 1147 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1148 - sez. 9 - P_HEA600_S009 - 28% della Si limite.
asta 1149 - sez. 9 - P_HEA600_S009 - 28% della Si limite.
asta 1150 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1151 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1152 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1153 - sez. 9 - P_HEA600_S009 - 26% della Si limite.
asta 1154 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1155 - sez. 9 - P_HEA600_S009 - 28% della Si limite.
asta 1156 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1157 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1158 - sez. 9 - P_HEA600_S009 - 28% della Ss limite.
asta 1159 - sez. 9 - P_HEA600_S009 - 26% della Si limite.
asta 1160 - sez. 9 - P_HEA600_S009 - 26% della Si limite.
asta 1161 - sez. 9 - P_HEA600_S009 - 28% della Ss limite.
asta 1162 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1163 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1164 - sez. 9 - P_HEA600_S009 - 27% della Ss limite.
asta 1165 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1166 - sez. 9 - P_HEA600_S009 - 28% della Si limite.
asta 1167 - sez. 9 - P_HEA600_S009 - 28% della Si limite.
asta 1168 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1169 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1170 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1171 - sez. 9 - P_HEA600_S009 - 26% della Si limite.
asta 1172 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1173 - sez. 9 - P_HEA600_S009 - 28% della Ss limite.
asta 1174 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1175 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1176 - sez. 9 - P_HEA600_S009 - 28% della Si limite.
asta 1177 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1178 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1179 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1180 - sez. 9 - P_HEA600_S009 - 26% della Si limite.
asta 1181 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1182 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1183 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1184 - sez. 9 - P_HEA600_S009 - 28% della Si limite.
asta 1185 - sez. 9 - P_HEA600_S009 - 28% della Si limite.
asta 1186 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1187 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1188 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1189 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1190 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1191 - sez. 9 - P_HEA600_S009 - 28% della Si limite.
asta 1192 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1193 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1194 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1195 - sez. 9 - P_HEA600_S009 - 26% della Si limite.
asta 1196 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1197 - sez. 9 - P_HEA600_S009 - 27% della Ss limite.
asta 1198 - sez. 9 - P_HEA600_S009 - 26% della Si limite.
asta 1199 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1200 - sez. 9 - P_HEA600_S009 - 27% della Ss limite.
asta 1201 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1202 - sez. 9 - P_HEA600_S009 - 11% della Si limite.
asta 1203 - sez. 9 - P_HEA600_S009 - 11% della Si limite.
asta 1204 - sez. 9 - P_HEA600_S009 - 9% della Si limite.
asta 1205 - sez. 9 - P_HEA600_S009 - 11% della Si limite.
asta 1206 - sez. 9 - P_HEA600_S009 - 12% della Ss limite.
asta 1207 - sez. 9 - P_HEA600_S009 - 10% della Si limite.
asta 1208 - sez. 9 - P_HEA600_S009 - 11% della Si limite.
asta 1209 - sez. 9 - P_HEA600_S009 - 11% della Ss limite.
asta 1210 - sez. 9 - P_HEA600_S009 - 10% della Si limite.
asta 1211 - sez. 9 - P_HEA600_S009 - 11% della Si limite.
asta 1212 - sez. 9 - P_HEA600_S009 - 11% della Si limite.
asta 1213 - sez. 9 - P_HEA600_S009 - 11% della Si limite.
asta 1214 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1215 - sez. 9 - P_HEA600_S009 - 27% della Ss limite.
asta 1216 - sez. 9 - P_HEA600_S009 - 26% della Si limite.
asta 1217 - sez. 9 - P_HEA600_S009 - 26% della Si limite.
asta 1218 - sez. 9 - P_HEA600_S009 - 27% della Ss limite.
asta 1219 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1220 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1221 - sez. 9 - P_HEA600_S009 - 27% della Ss limite.
asta 1222 - sez. 9 - P_HEA600_S009 - 27% della Si limite.
asta 1462 - sez. 9 - P_HEA600_S009 - 9% della Si limite.

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asta   1465 - sez.   9 - P_HEA600_S009        -   9% della Si limite.
asta   1466 - sez.   9 - P_HEA600_S009        -   7% della Si limite.
asta   1467 - sez.   9 - P_HEA600_S009        -   8% della Si limite.
asta    768 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    769 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    770 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    771 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    772 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    773 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    774 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    775 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    776 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    777 - sez.  10 - CIRCOLARE_S010       -  39% della Si limite.
asta    778 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    779 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    780 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    781 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    782 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    783 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    784 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    785 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    786 - sez.  10 - CIRCOLARE_S010       -  39% della Si limite.
asta    787 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    788 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    789 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    790 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    791 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    792 - sez.  10 - CIRCOLARE_S010       -  39% della Si limite.
asta    793 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    794 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    795 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    796 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    797 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    798 - sez.  10 - CIRCOLARE_S010       -  39% della Si limite.
asta    799 - sez.  10 - CIRCOLARE_S010       -  39% della Si limite.
asta    800 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    801 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    802 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    803 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    804 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    805 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    806 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta    807 - sez.  10 - CIRCOLARE_S010       -  40% della Si limite.
asta   1247 - sez.  11 - G_2LU70x10           -  10% della Ss limite.
asta   1249 - sez.  11 - G_2LU70x10           -  26% della Si limite.
asta   1250 - sez.  11 - G_2LU70x10           -  26% della Si limite.
asta   1254 - sez.  11 - G_2LU70x10           -  24% della Si limite.
asta   1255 - sez.  11 - G_2LU70x10           -  14% della Ss limite.
asta   1256 - sez.  11 - G_2LU70x10           -  10% della Si limite.
asta   1257 - sez.  11 - G_2LU70x10           -   9% della Ss limite.
asta   1258 - sez.  11 - G_2LU70x10           -  11% della Si limite.
asta   1259 - sez.  11 - G_2LU70x10           -  10% della Ss limite.
asta   1260 - sez.  11 - G_2LU70x10           -  13% della Si limite.
asta   1261 - sez.  11 - G_2LU70x10           -  10% della Ss limite.
asta   1262 - sez.  11 - G_2LU70x10           -  12% della Si limite.
asta   1263 - sez.  11 - G_2LU70x10           -  10% della Ss limite.
asta   1264 - sez.  11 - G_2LU70x10           -  10% della Si limite.
asta   1265 - sez.  11 - G_2LU70x10           -   9% della Ss limite.
asta   1266 - sez.  11 - G_2LU70x10           -   9% della Si limite.
asta   1267 - sez.  11 - G_2LU70x10           -  32% della Si limite.
asta   1269 - sez.  11 - G_2LU70x10           -   7% della Si limite.
asta   1270 - sez.  11 - G_2LU70x10           -  20% della Ss limite.
asta   1271 - sez.  11 - G_2LU70x10           -  10% della Si limite.
asta   1272 - sez.  11 - G_2LU70x10           -  27% della Ss limite.
asta   1273 - sez.  11 - G_2LU70x10           -  13% della Si limite.
asta   1274 - sez.  11 - G_2LU70x10           -  27% della Ss limite.
asta   1275 - sez.  11 - G_2LU70x10           -  18% della Si limite.
asta   1276 - sez.  11 - G_2LU70x10           -  45% della Ss limite.
asta   1277 - sez.  11 - G_2LU70x10           -  21% della Si limite.
asta   1278 - sez.  11 - G_2LU70x10           -  53% della Ss limite.
asta   1279 - sez.  11 - G_2LU70x10           -  32% della Si limite.
asta   1280 - sez.  11 - G_2LU70x10           -  74% della Ss limite.
asta   1282 - sez.  11 - G_2LU70x10           -  34% della Ss limite.
asta   1283 - sez.  11 - G_2LU70x10           -  32% della Si limite.
asta   1284 - sez.  11 - G_2LU70x10           -  26% della Ss limite.
asta   1285 - sez.  11 - G_2LU70x10           -  29% della Si limite.
asta   1286 - sez.  11 - G_2LU70x10           -  23% della Ss limite.
asta   1287 - sez.  11 - G_2LU70x10           -  18% della Si limite.
asta   1288 - sez.  11 - G_2LU70x10           -  15% della Ss limite.
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asta   1289 - sez.  11 - G_2LU70x10          -  15% della Si limite.
asta   1290 - sez.  11 - G_2LU70x10          -  12% della Ss limite.
asta   1291 - sez.  11 - G_2LU70x10          -   8% della Si limite.
asta   1292 - sez.  11 - G_2LU70x10          -   7% della Ss limite.
asta   1293 - sez.  11 - G_2LU70x10          -   5% della Si limite.
asta   1294 - sez.  11 - G_2LU70x10          -   5% della Ss limite.
asta   1296 - sez.  11 - G_2LU70x10          -   7% della Si limite.
asta   1297 - sez.  11 - G_2LU70x10          -  25% della Ss limite.
asta   1298 - sez.  11 - G_2LU70x10          -  12% della Si limite.
asta   1299 - sez.  11 - G_2LU70x10          -  35% della Ss limite.
asta   1300 - sez.  11 - G_2LU70x10          -  15% della Si limite.
asta   1301 - sez.  11 - G_2LU70x10          -  46% della Ss limite.
asta   1302 - sez.  11 - G_2LU70x10          -  22% della Si limite.
asta   1303 - sez.  11 - G_2LU70x10          -  52% della Ss limite.
asta   1304 - sez.  11 - G_2LU70x10          -  25% della Si limite.
asta   1305 - sez.  11 - G_2LU70x10          -  64% della Ss limite.
asta   1306 - sez.  11 - G_2LU70x10          -  27% della Si limite.
asta   1307 - sez.  11 - G_2LU70x10          -  56% della Ss limite.
asta   1308 - sez.  11 - G_2LU70x10          -  50% della Si limite.
asta   1309 - sez.  11 - G_2LU70x10          -  42% della Ss limite.
asta   1310 - sez.  11 - G_2LU70x10          -  43% della Si limite.
asta   1311 - sez.  11 - G_2LU70x10          -  35% della Ss limite.
asta   1312 - sez.  11 - G_2LU70x10          -  40% della Si limite.
asta   1313 - sez.  11 - G_2LU70x10          -  32% della Ss limite.
asta   1314 - sez.  11 - G_2LU70x10          -  29% della Si limite.
asta   1315 - sez.  11 - G_2LU70x10          -  24% della Ss limite.
asta   1316 - sez.  11 - G_2LU70x10          -  25% della Si limite.
asta   1317 - sez.  11 - G_2LU70x10          -  21% della Ss limite.
asta   1318 - sez.  11 - G_2LU70x10          -  18% della Si limite.
asta   1319 - sez.  11 - G_2LU70x10          -  13% della Ss limite.
asta   1320 - sez.  11 - G_2LU70x10          -  15% della Si limite.
asta   1321 - sez.  11 - G_2LU70x10          -   7% della Ss limite.
asta   1322 - sez.  11 - G_2LU70x10          -  15% della Ss limite.
asta   1323 - sez.  11 - G_2LU70x10          -  11% della Ss limite.
asta   1325 - sez.  11 - G_2LU70x10          -   8% della Si limite.
asta   1326 - sez.  11 - G_2LU70x10          -  18% della Ss limite.
asta   1327 - sez.  11 - G_2LU70x10          -  11% della Si limite.
asta   1328 - sez.  11 - G_2LU70x10          -  18% della Ss limite.
asta   1329 - sez.  11 - G_2LU70x10          -  13% della Si limite.
asta   1330 - sez.  11 - G_2LU70x10          -  23% della Ss limite.
asta   1331 - sez.  11 - G_2LU70x10          -  13% della Si limite.
asta   1332 - sez.  11 - G_2LU70x10          -  56% della Ss limite.
asta   1333 - sez.  11 - G_2LU70x10          -  27% della Si limite.
asta   1334 - sez.  11 - G_2LU70x10          -  73% della Ss limite.
asta   2030 - sez.  11 - G_2LU70x10          -  14% della Ss limite.
asta   2032 - sez.  11 - G_2LU70x10          -  40% della Ss limite.
asta   2033 - sez.  11 - G_2LU70x10          -  43% della Si limite.
asta   2034 - sez.  11 - G_2LU70x10          -  26% della Ss limite.
asta   2036 - sez.  11 - G_2LU70x10          -  39% della Si limite.
asta   2037 - sez.  11 - G_2LU70x10          -  33% della Si limite.
asta   2041 - sez.  11 - G_2LU70x10          -   3% della Si limite.
asta   2042 - sez.  11 - G_2LU70x10          -  15% della Ss limite.
asta   2043 - sez.  11 - G_2LU70x10          -   6% della Si limite.
asta   2044 - sez.  11 - G_2LU70x10          -  11% della Ss limite.
asta   2045 - sez.  11 - G_2LU70x10          -   9% della Ss limite.
asta    808 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    809 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    811 - sez.  12 - P_HEA300_S012       -  30% della Si limite.
asta    812 - sez.  12 - P_HEA300_S012       -  35% della Si limite.
asta    813 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    814 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    815 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    816 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    818 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    819 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    820 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    821 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    822 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    823 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    824 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    825 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    826 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    827 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    828 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    829 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    830 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    831 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    832 - sez.  12 - P_HEA300_S012       -  10% della Si limite.
asta    833 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
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asta    834 - sez.  12 - P_HEA300_S012       -  29% della Si limite.
asta    835 - sez.  12 - P_HEA300_S012       -  28% della Si limite.
asta    836 - sez.  12 - P_HEA300_S012       -   7% della Si limite.
asta    837 - sez.  12 - P_HEA300_S012       -   6% della Si limite.
asta    839 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    840 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    841 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    843 - sez.  12 - P_HEA300_S012       -  24% della Si limite.
asta    844 - sez.  12 - P_HEA300_S012       -  30% della Si limite.
asta    845 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    846 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    847 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    848 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    850 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    851 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    852 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    853 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    854 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    855 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    856 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    857 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    858 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    859 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    860 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    861 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    862 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    863 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    864 - sez.  12 - P_HEA300_S012       -  13% della Si limite.
asta    865 - sez.  12 - P_HEA300_S012       -  14% della Ss limite.
asta    866 - sez.  12 - P_HEA300_S012       -  26% della Si limite.
asta    867 - sez.  12 - P_HEA300_S012       -  29% della Si limite.
asta    868 - sez.  12 - P_HEA300_S012       -   8% della Si limite.
asta    869 - sez.  12 - P_HEA300_S012       -   6% della Si limite.
asta    871 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    872 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    873 - sez.  12 - P_HEA300_S012       -  18% della Si limite.
asta    880 - sez.  12 - P_HEA300_S012       -  17% della Si limite.
asta    881 - sez.  12 - P_HEA300_S012       -  17% della Si limite.
asta    882 - sez.  12 - P_HEA300_S012       -  31% della Si limite.
asta    883 - sez.  12 - P_HEA300_S012       -  28% della Si limite.
asta    884 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    885 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    886 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    887 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    888 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    889 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    890 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    891 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    892 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    893 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    894 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    895 - sez.  12 - P_HEA300_S012       -  13% della Si limite.
asta    896 - sez.  12 - P_HEA300_S012       -  13% della Ss limite.
asta    897 - sez.  12 - P_HEA300_S012       -  14% della Ss limite.
asta    898 - sez.  12 - P_HEA300_S012       -  24% della Si limite.
asta    899 - sez.  12 - P_HEA300_S012       -  25% della Si limite.
asta    900 - sez.  12 - P_HEA300_S012       -  24% della Si limite.
asta    901 - sez.  12 - P_HEA300_S012       -  27% della Si limite.
asta    902 - sez.  12 - P_HEA300_S012       -   6% della Si limite.
asta    903 - sez.  12 - P_HEA300_S012       -   7% della Si limite.
asta    904 - sez.  12 - P_HEA300_S012       -   6% della Si limite.
asta    905 - sez.  12 - P_HEA300_S012       -   6% della Si limite.
asta    908 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    909 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    910 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    911 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    912 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    913 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    914 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    915 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    916 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    917 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    918 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    919 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    920 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    921 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    922 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    923 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    924 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
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asta    925 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    926 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    927 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    928 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    929 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    930 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    931 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    932 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    933 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    934 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    935 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    936 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    937 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    938 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    939 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    941 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    942 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    943 - sez.  12 - P_HEA300_S012       -  29% della Si limite.
asta    945 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    946 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    947 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    948 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    949 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    950 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    951 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    952 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    953 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    954 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    955 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    956 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    957 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    958 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    959 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    960 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    961 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    962 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    963 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    964 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    965 - sez.  12 - P_HEA300_S012       -  12% della Ss limite.
asta    966 - sez.  12 - P_HEA300_S012       -  27% della Si limite.
asta    967 - sez.  12 - P_HEA300_S012       -  26% della Si limite.
asta    968 - sez.  12 - P_HEA300_S012       -   7% della Si limite.
asta    969 - sez.  12 - P_HEA300_S012       -   6% della Si limite.
asta    970 - sez.  12 - P_HEA300_S012       -  17% della Si limite.
asta    976 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    977 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    978 - sez.  12 - P_HEA300_S012       -  32% della Si limite.
asta    980 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    981 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    982 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    983 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    984 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    985 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    986 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    987 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    988 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    989 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    990 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    991 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    992 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    993 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    994 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    995 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    996 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta    997 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    998 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta    999 - sez.  12 - P_HEA300_S012       -  10% della Si limite.
asta   1000 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta   1001 - sez.  12 - P_HEA300_S012       -  33% della Si limite.
asta   1002 - sez.  12 - P_HEA300_S012       -  31% della Si limite.
asta   1003 - sez.  12 - P_HEA300_S012       -   9% della Si limite.
asta   1004 - sez.  12 - P_HEA300_S012       -   6% della Si limite.
asta   1005 - sez.  12 - P_HEA300_S012       -  17% della Si limite.
asta   1223 - sez.  12 - P_HEA300_S012       -  12% della Si limite.
asta   1224 - sez.  12 - P_HEA300_S012       -  17% della Si limite.
asta   1463 - sez.  12 - P_HEA300_S012       -  29% della Si limite.
asta   1464 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
asta   1468 - sez.  12 - P_HEA300_S012       -  27% della Si limite.
asta   1469 - sez.  12 - P_HEA300_S012       -  11% della Si limite.
```

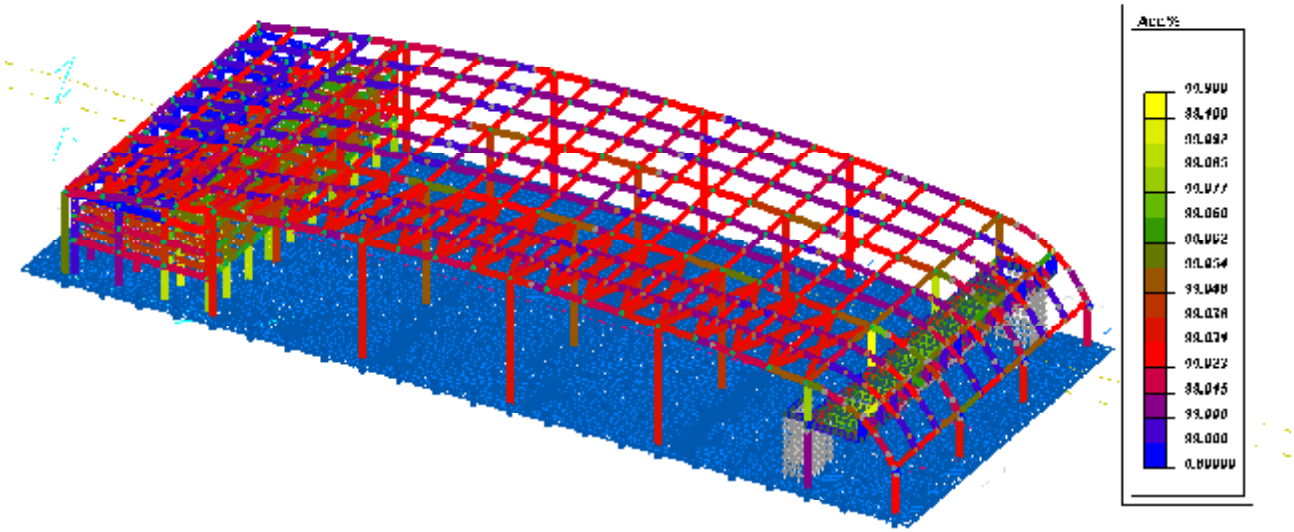
```
asta   1470 - sez.  12 - P_HEA300_S012       -  25% della Si limite.
asta   1471 - sez.  12 - P_HEA300_S012       -  10% della Si limite.
asta   1472 - sez.  12 - P_HEA300_S012       -  25% della Si limite.
asta   1473 - sez.  12 - P_HEA300_S012       -  10% della Si limite.
asta   1461 - sez.  13 - P_HEA200_S013       -  34% della Ss limite.
asta   1990 - sez.  13 - P_HEA200_S013       -   1% della Si limite.
asta   1991 - sez.  13 - P_HEA200_S013       -   4% della Si limite.
asta   1993 - sez.  13 - P_HEA200_S013       -  14% della Si limite.
asta   1995 - sez.  13 - P_HEA200_S013       -   1% della Si limite.
asta   1996 - sez.  13 - P_HEA200_S013       -   1% della Ss limite.
asta   1997 - sez.  13 - P_HEA200_S013       -   1% della Ss limite.
asta   1998 - sez.  13 - P_HEA200_S013       -   1% della Ss limite.
asta   1999 - sez.  13 - P_HEA200_S013       -   1% della Si limite.
asta   2000 - sez.  13 - P_HEA200_S013       -   1% della Si limite.
asta   2001 - sez.  13 - P_HEA200_S013       -   1% della Si limite.
asta   2002 - sez.  13 - P_HEA200_S013       -   1% della Ss limite.
asta   2003 - sez.  13 - P_HEA200_S013       -   1% della Ss limite.
asta   2004 - sez.  13 - P_HEA200_S013       -   1% della Ss limite.
asta   2005 - sez.  13 - P_HEA200_S013       -   1% della Ss limite.
asta   2006 - sez.  13 - P_HEA200_S013       -   2% della Si limite.
asta   2007 - sez.  13 - P_HEA200_S013       -   4% della Si limite.
asta   2008 - sez.  13 - P_HEA200_S013       -   8% della Si limite.
asta   2009 - sez.  13 - P_HEA200_S013       -   2% della Ss limite.
asta   2010 - sez.  13 - P_HEA200_S013       -   6% della Si limite.
asta   2011 - sez.  13 - P_HEA200_S013       -   6% della Si limite.
asta   2012 - sez.  13 - P_HEA200_S013       -  13% della Si limite.
asta   2013 - sez.  13 - P_HEA200_S013       -  29% della Si limite.
asta   2015 - sez.  13 - P_HEA200_S013       -   2% della Si limite.
asta   2016 - sez.  13 - P_HEA200_S013       -   2% della Si limite.
asta   2017 - sez.  13 - P_HEA200_S013       -   2% della Si limite.
asta   2018 - sez.  13 - P_HEA200_S013       -   5% della Si limite.
asta   2019 - sez.  13 - P_HEA200_S013       -   7% della Si limite.
asta   2020 - sez.  13 - P_HEA200_S013       -   2% della Si limite.
asta   2021 - sez.  13 - P_HEA200_S013       -   6% della Ss limite.
asta   2022 - sez.  13 - P_HEA200_S013       -   2% della Si limite.
asta   2023 - sez.  13 - P_HEA200_S013       -   3% della Si limite.
asta   2024 - sez.  13 - P_HEA200_S013       -   3% della Si limite.
asta   2025 - sez.  13 - P_HEA200_S013       -   3% della Si limite.
asta   2026 - sez.  13 - P_HEA200_S013       -   6% della Si limite.
asta   2027 - sez.  13 - P_HEA200_S013       -  10% della Ss limite.
asta   2055 - sez.  13 - P_HEA200_S013       -  36% della Si limite.
asta   2056 - sez.  13 - P_HEA200_S013       -  60% della Ss limite.
asta   2057 - sez.  13 - P_HEA200_S013       -  74% della Ss limite.
asta   2058 - sez.  13 - P_HEA200_S013       -  78% della Ss limite.
asta   2059 - sez.  13 - P_HEA200_S013       -  78% della Si limite.
asta   2060 - sez.  13 - P_HEA200_S013       -  72% della Si limite.
asta   2061 - sez.  13 - P_HEA200_S013       -  56% della Ss limite.
asta   2062 - sez.  13 - P_HEA200_S013       -  30% della Si limite.
asta   2063 - sez.  13 - P_HEA200_S013       -  34% della Si limite.
asta   2064 - sez.  13 - P_HEA200_S013       -  57% della Ss limite.
asta   2065 - sez.  13 - P_HEA200_S013       -  70% della Ss limite.
asta   2066 - sez.  13 - P_HEA200_S013       -  74% della Ss limite.
asta   2067 - sez.  13 - P_HEA200_S013       -  74% della Si limite.
asta   2068 - sez.  13 - P_HEA200_S013       -  68% della Si limite.
asta   2069 - sez.  13 - P_HEA200_S013       -  53% della Ss limite.
asta   2070 - sez.  13 - P_HEA200_S013       -  29% della Si limite.
asta   2071 - sez.  13 - P_HEA200_S013       -  32% della Si limite.
asta   2072 - sez.  13 - P_HEA200_S013       -  54% della Ss limite.
asta   2073 - sez.  13 - P_HEA200_S013       -  66% della Ss limite.
asta   2074 - sez.  13 - P_HEA200_S013       -  71% della Ss limite.
asta   2075 - sez.  13 - P_HEA200_S013       -  70% della Ss limite.
asta   2076 - sez.  13 - P_HEA200_S013       -  65% della Si limite.
asta   2077 - sez.  13 - P_HEA200_S013       -  52% della Ss limite.
asta   2078 - sez.  13 - P_HEA200_S013       -  28% della Si limite.
asta   2079 - sez.  13 - P_HEA200_S013       -  23% della Si limite.
asta   2080 - sez.  13 - P_HEA200_S013       -  37% della Si limite.
asta   2081 - sez.  13 - P_HEA200_S013       -  45% della Si limite.
asta   2082 - sez.  13 - P_HEA200_S013       -  47% della Ss limite.
asta   2083 - sez.  13 - P_HEA200_S013       -  46% della Ss limite.
asta   2084 - sez.  13 - P_HEA200_S013       -  43% della Si limite.
asta   2085 - sez.  13 - P_HEA200_S013       -  34% della Si limite.
asta   2086 - sez.  13 - P_HEA200_S013       -  19% della Si limite.
asta   2087 - sez.  13 - P_HEA200_S013       -  27% della Si limite.
asta   2088 - sez.  13 - P_HEA200_S013       -  50% della Si limite.
asta   2089 - sez.  13 - P_HEA200_S013       -  65% della Si limite.
asta   2090 - sez.  13 - P_HEA200_S013       -  71% della Si limite.
asta   2091 - sez.  13 - P_HEA200_S013       -  71% della Si limite.
asta   2092 - sez.  13 - P_HEA200_S013       -  66% della Ss limite.
asta   2093 - sez.  13 - P_HEA200_S013       -  51% della Si limite.
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asta 2094 - sez. 13 - P_HEA200_S013 - 26% della Si limite.
asta 2095 - sez. 13 - P_HEA200_S013 - 28% della Si limite.
asta 2096 - sez. 13 - P_HEA200_S013 - 51% della Si limite.
asta 2097 - sez. 13 - P_HEA200_S013 - 68% della Si limite.
asta 2098 - sez. 13 - P_HEA200_S013 - 74% della Si limite.
asta 2099 - sez. 13 - P_HEA200_S013 - 74% della Si limite.
asta 2100 - sez. 13 - P_HEA200_S013 - 69% della Si limite.
asta 2101 - sez. 13 - P_HEA200_S013 - 54% della Si limite.
asta 2102 - sez. 13 - P_HEA200_S013 - 28% della Si limite.
asta 2103 - sez. 13 - P_HEA200_S013 - 26% della Si limite.
asta 2104 - sez. 13 - P_HEA200_S013 - 50% della Si limite.
asta 2105 - sez. 13 - P_HEA200_S013 - 66% della Si limite.
asta 2106 - sez. 13 - P_HEA200_S013 - 73% della Si limite.
asta 2107 - sez. 13 - P_HEA200_S013 - 73% della Si limite.
asta 2108 - sez. 13 - P_HEA200_S013 - 69% della Si limite.
asta 2109 - sez. 13 - P_HEA200_S013 - 53% della Si limite.
asta 2110 - sez. 13 - P_HEA200_S013 - 28% della Si limite.
asta 2111 - sez. 13 - P_HEA200_S013 - 29% della Si limite.
asta 2112 - sez. 13 - P_HEA200_S013 - 48% della Ss limite.
asta 2113 - sez. 13 - P_HEA200_S013 - 59% della Ss limite.
asta 2114 - sez. 13 - P_HEA200_S013 - 62% della Ss limite.
asta 2115 - sez. 13 - P_HEA200_S013 - 62% della Ss limite.
asta 2116 - sez. 13 - P_HEA200_S013 - 56% della Ss limite.
asta 2117 - sez. 13 - P_HEA200_S013 - 43% della Si limite.
asta 2118 - sez. 13 - P_HEA200_S013 - 22% della Si limite.
asta 2119 - sez. 13 - P_HEA200_S013 - 38% della Si limite.
asta 2120 - sez. 13 - P_HEA200_S013 - 63% della Ss limite.
asta 2121 - sez. 13 - P_HEA200_S013 - 77% della Ss limite.
asta 2122 - sez. 13 - P_HEA200_S013 - 81% della Ss limite.
asta 2123 - sez. 13 - P_HEA200_S013 - 81% della Si limite.
asta 2124 - sez. 13 - P_HEA200_S013 - 74% della Si limite.
asta 2125 - sez. 13 - P_HEA200_S013 - 57% della Si limite.
asta 2126 - sez. 13 - P_HEA200_S013 - 30% della Si limite.
asta 2127 - sez. 13 - P_HEA200_S013 - 38% della Si limite.
asta 2128 - sez. 13 - P_HEA200_S013 - 63% della Si limite.
asta 2129 - sez. 13 - P_HEA200_S013 - 78% della Si limite.
asta 2130 - sez. 13 - P_HEA200_S013 - 83% della Ss limite.
asta 2131 - sez. 13 - P_HEA200_S013 - 83% della Ss limite.
asta 2132 - sez. 13 - P_HEA200_S013 - 76% della Si limite.
asta 2133 - sez. 13 - P_HEA200_S013 - 58% della Si limite.
asta 2134 - sez. 13 - P_HEA200_S013 - 32% della Si limite.
asta 2135 - sez. 13 - P_HEA200_S013 - 37% della Si limite.
asta 2136 - sez. 13 - P_HEA200_S013 - 62% della Si limite.
asta 2137 - sez. 13 - P_HEA200_S013 - 76% della Ss limite.
asta 2138 - sez. 13 - P_HEA200_S013 - 81% della Ss limite.
asta 2139 - sez. 13 - P_HEA200_S013 - 80% della Ss limite.
asta 2140 - sez. 13 - P_HEA200_S013 - 74% della Ss limite.
asta 2141 - sez. 13 - P_HEA200_S013 - 57% della Ss limite.
asta 2142 - sez. 13 - P_HEA200_S013 - 31% della Si limite.
asta 2143 - sez. 13 - P_HEA200_S013 - 34% della Si limite.
asta 2144 - sez. 13 - P_HEA200_S013 - 57% della Ss limite.
asta 2145 - sez. 13 - P_HEA200_S013 - 70% della Ss limite.
asta 2146 - sez. 13 - P_HEA200_S013 - 74% della Ss limite.
asta 2147 - sez. 13 - P_HEA200_S013 - 74% della Ss limite.
asta 2148 - sez. 13 - P_HEA200_S013 - 69% della Ss limite.
asta 2149 - sez. 13 - P_HEA200_S013 - 53% della Si limite.
asta 2150 - sez. 13 - P_HEA200_S013 - 29% della Si limite.
asta 2151 - sez. 13 - P_HEA200_S013 - 5% della Si limite.
asta 2152 - sez. 13 - P_HEA200_S013 - 8% della Si limite.
asta 2153 - sez. 13 - P_HEA200_S013 - 8% della Si limite.
asta 2154 - sez. 13 - P_HEA200_S013 - 42% della Si limite.
asta 2155 - sez. 13 - P_HEA200_S013 - 62% della Si limite.
asta 2156 - sez. 13 - P_HEA200_S013 - 69% della Si limite.
asta 2157 - sez. 13 - P_HEA200_S013 - 69% della Si limite.
asta 2158 - sez. 13 - P_HEA200_S013 - 65% della Si limite.
asta 2159 - sez. 13 - P_HEA200_S013 - 51% della Si limite.
asta 2160 - sez. 13 - P_HEA200_S013 - 25% della Si limite.
asta 2165 - sez. 13 - P_HEA200_S013 - 13% della Si limite.
asta 2166 - sez. 13 - P_HEA200_S013 - 46% della Si limite.
asta 2167 - sez. 13 - P_HEA200_S013 - 68% della Si limite.
asta 2168 - sez. 13 - P_HEA200_S013 - 77% della Si limite.
asta 2169 - sez. 13 - P_HEA200_S013 - 77% della Si limite.
asta 2170 - sez. 13 - P_HEA200_S013 - 73% della Si limite.
asta 2171 - sez. 13 - P_HEA200_S013 - 57% della Si limite.
asta 2172 - sez. 13 - P_HEA200_S013 - 33% della Si limite.
asta 2173 - sez. 13 - P_HEA200_S013 - 26% della Si limite.
asta 2174 - sez. 13 - P_HEA200_S013 - 50% della Si limite.
asta 2175 - sez. 13 - P_HEA200_S013 - 66% della Si limite.
asta 2176 - sez. 13 - P_HEA200_S013 - 72% della Si limite.

asta 2177 - sez. 13 - P_HEA200_S013 - 72% della Ss limite.
asta 2178 - sez. 13 - P_HEA200_S013 - 67% della Si limite.
asta 2179 - sez. 13 - P_HEA200_S013 - 52% della Si limite.
asta 2180 - sez. 13 - P_HEA200_S013 - 27% della Si limite.
asta 2181 - sez. 13 - P_HEA200_S013 - 34% della Si limite.
asta 2182 - sez. 13 - P_HEA200_S013 - 58% della Ss limite.
asta 2183 - sez. 13 - P_HEA200_S013 - 71% della Ss limite.
asta 2184 - sez. 13 - P_HEA200_S013 - 75% della Ss limite.
asta 2185 - sez. 13 - P_HEA200_S013 - 75% della Ss limite.
asta 2186 - sez. 13 - P_HEA200_S013 - 69% della Si limite.
asta 2187 - sez. 13 - P_HEA200_S013 - 54% della Ss limite.
asta 2188 - sez. 13 - P_HEA200_S013 - 30% della Si limite.
asta 2189 - sez. 13 - P_HEA200_S013 - 34% della Si limite.
asta 2190 - sez. 13 - P_HEA200_S013 - 56% della Ss limite.
asta 2191 - sez. 13 - P_HEA200_S013 - 69% della Ss limite.
asta 2192 - sez. 13 - P_HEA200_S013 - 73% della Ss limite.
asta 2193 - sez. 13 - P_HEA200_S013 - 73% della Ss limite.
asta 2194 - sez. 13 - P_HEA200_S013 - 67% della Ss limite.
asta 2195 - sez. 13 - P_HEA200_S013 - 52% della Ss limite.
asta 2196 - sez. 13 - P_HEA200_S013 - 29% della Si limite.
asta 2197 - sez. 13 - P_HEA200_S013 - 34% della Si limite.
asta 2198 - sez. 13 - P_HEA200_S013 - 57% della Ss limite.
asta 2199 - sez. 13 - P_HEA200_S013 - 70% della Ss limite.
asta 2200 - sez. 13 - P_HEA200_S013 - 74% della Ss limite.
asta 2201 - sez. 13 - P_HEA200_S013 - 74% della Ss limite.
asta 2202 - sez. 13 - P_HEA200_S013 - 67% della Ss limite.
asta 2203 - sez. 13 - P_HEA200_S013 - 51% della Si limite.
asta 2204 - sez. 13 - P_HEA200_S013 - 27% della Si limite.
asta 2205 - sez. 13 - P_HEA200_S013 - 34% della Si limite.
asta 2206 - sez. 13 - P_HEA200_S013 - 57% della Si limite.
asta 2207 - sez. 13 - P_HEA200_S013 - 70% della Ss limite.
asta 2208 - sez. 13 - P_HEA200_S013 - 73% della Ss limite.
asta 2209 - sez. 13 - P_HEA200_S013 - 73% della Ss limite.
asta 2210 - sez. 13 - P_HEA200_S013 - 67% della Si limite.
asta 2211 - sez. 13 - P_HEA200_S013 - 51% della Si limite.
asta 2212 - sez. 13 - P_HEA200_S013 - 27% della Si limite.
asta 2213 - sez. 13 - P_HEA200_S013 - 13% della Si limite.
asta 2214 - sez. 13 - P_HEA200_S013 - 46% della Si limite.
asta 2215 - sez. 13 - P_HEA200_S013 - 68% della Si limite.
asta 2216 - sez. 13 - P_HEA200_S013 - 76% della Si limite.
asta 2217 - sez. 13 - P_HEA200_S013 - 76% della Si limite.
asta 2218 - sez. 13 - P_HEA200_S013 - 72% della Si limite.
asta 2219 - sez. 13 - P_HEA200_S013 - 57% della Si limite.
asta 2220 - sez. 13 - P_HEA200_S013 - 32% della Si limite.
asta 2221 - sez. 13 - P_HEA200_S013 - 13% della Si limite.
asta 2222 - sez. 13 - P_HEA200_S013 - 15% della Si limite.
asta 2223 - sez. 13 - P_HEA200_S013 - 18% della Si limite.
asta 2224 - sez. 13 - P_HEA200_S013 - 19% della Ss limite.
asta 2225 - sez. 13 - P_HEA200_S013 - 19% della Si limite.
asta 2226 - sez. 13 - P_HEA200_S013 - 18% della Si limite.
asta 2227 - sez. 13 - P_HEA200_S013 - 12% della Si limite.
asta 2228 - sez. 13 - P_HEA200_S013 - 7% della Si limite.
asta 2280 - sez. 13 - P_HEA200_S013 - 4% della Si limite.
asta 2281 - sez. 13 - P_HEA200_S013 - 5% della Si limite.
asta 2282 - sez. 13 - P_HEA200_S013 - 6% della Si limite.
asta 2283 - sez. 13 - P_HEA200_S013 - 7% della Si limite.
asta 2284 - sez. 13 - P_HEA200_S013 - 7% della Si limite.
asta 2285 - sez. 13 - P_HEA200_S013 - 6% della Si limite.
asta 2286 - sez. 13 - P_HEA200_S013 - 5% della Si limite.
asta 2287 - sez. 13 - P_HEA200_S013 - 3% della Si limite.
asta 1341 - sez. 14 - G_2LU150x18 - 76% della Si limite.
asta 1343 - sez. 14 - G_2LU150x18 - 67% della Si limite.
asta 1344 - sez. 14 - G_2LU150x18 - 20% della Si limite.
asta 1345 - sez. 14 - G_2LU150x18 - 20% della Si limite.
asta 1346 - sez. 14 - G_2LU150x18 - 20% della Si limite.
asta 1347 - sez. 14 - G_2LU150x18 - 22% della Si limite.
asta 1350 - sez. 14 - G_2LU150x18 - 22% della Si limite.
asta 1351 - sez. 14 - G_2LU150x18 - 18% della Si limite.
asta 1352 - sez. 14 - G_2LU150x18 - 13% della Si limite.
asta 1353 - sez. 14 - G_2LU150x18 - 10% della Si limite.
asta 1354 - sez. 14 - G_2LU150x18 - 10% della Si limite.
asta 1355 - sez. 14 - G_2LU150x18 - 15% della Ss limite.
asta 1359 - sez. 14 - G_2LU150x18 - 34% della Si limite.
asta 1360 - sez. 14 - G_2LU150x18 - 14% della Si limite.
asta 1361 - sez. 14 - G_2LU150x18 - 6% della Si limite.
asta 1362 - sez. 14 - G_2LU150x18 - 5% della Si limite.
asta 1363 - sez. 14 - G_2LU150x18 - 8% della Si limite.
asta 1364 - sez. 14 - G_2LU150x18 - 12% della Si limite.
asta 1366 - sez. 14 - G_2LU150x18 - 14% della Si limite.

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asta   1367 - sez.  14 - G_2LU150x18         -  13% della Si limite.
asta   1368 - sez.  14 - G_2LU150x18         -  10% della Si limite.
asta   1369 - sez.  14 - G_2LU150x18         -   9% della Si limite.
asta   1370 - sez.  14 - G_2LU150x18         -   9% della Si limite.
asta   1371 - sez.  14 - G_2LU150x18         -  12% della Ss limite.
asta   1372 - sez.  14 - G_2LU150x18         -  20% della Si limite.
asta   1374 - sez.  14 - G_2LU150x18         -  68% della Si limite.
asta   1375 - sez.  14 - G_2LU150x18         -  10% della Si limite.
asta   1376 - sez.  14 - G_2LU150x18         -   8% della Si limite.
asta   1377 - sez.  14 - G_2LU150x18         -  11% della Si limite.
asta   1378 - sez.  14 - G_2LU150x18         -  15% della Si limite.
asta   1379 - sez.  14 - G_2LU150x18         -  19% della Si limite.
asta   1381 - sez.  14 - G_2LU150x18         -  22% della Si limite.
asta   1382 - sez.  14 - G_2LU150x18         -  18% della Si limite.
asta   1383 - sez.  14 - G_2LU150x18         -  16% della Si limite.
asta   1384 - sez.  14 - G_2LU150x18         -  12% della Si limite.
asta   1385 - sez.  14 - G_2LU150x18         -  11% della Si limite.
asta   1386 - sez.  14 - G_2LU150x18         -  12% della Si limite.
asta   1387 - sez.  14 - G_2LU150x18         -  60% della Si limite.
asta   1388 - sez.  14 - G_2LU150x18         -  60% della Si limite.
asta   1389 - sez.  14 - G_2LU150x18         -  46% della Si limite.
asta   1390 - sez.  14 - G_2LU150x18         -  77% della Si limite.
asta   1391 - sez.  14 - G_2LU150x18         -  15% della Si limite.
asta   1392 - sez.  14 - G_2LU150x18         -  14% della Si limite.
asta   1393 - sez.  14 - G_2LU150x18         -  11% della Ss limite.
asta   1394 - sez.  14 - G_2LU150x18         -  14% della Ss limite.
asta   1398 - sez.  14 - G_2LU150x18         -  14% della Ss limite.
asta   1399 - sez.  14 - G_2LU150x18         -  12% della Si limite.
asta   1400 - sez.  14 - G_2LU150x18         -   9% della Si limite.
asta   1401 - sez.  14 - G_2LU150x18         -   8% della Si limite.
asta   1402 - sez.  14 - G_2LU150x18         -   3% della Si limite.
asta   1403 - sez.  14 - G_2LU150x18         -   6% della Si limite.
asta   1407 - sez.  14 - G_2LU150x18         -  10% della Si limite.
asta   1408 - sez.  14 - G_2LU150x18         -   7% della Si limite.
asta   1409 - sez.  14 - G_2LU150x18         -   8% della Ss limite.
asta   1410 - sez.  14 - G_2LU150x18         -   9% della Si limite.
asta   1412 - sez.  14 - G_2LU150x18         -  11% della Si limite.
asta   1413 - sez.  14 - G_2LU150x18         -  10% della Si limite.
asta   1414 - sez.  14 - G_2LU150x18         -   9% della Si limite.
asta   1416 - sez.  14 - G_2LU150x18         -   7% della Si limite.
asta   1417 - sez.  14 - G_2LU150x18         -   5% della Si limite.
asta   1420 - sez.  14 - G_2LU150x18         -  52% della Si limite.
asta   1422 - sez.  14 - G_2LU150x18         -   6% della Si limite.
asta   1423 - sez.  14 - G_2LU150x18         -   6% della Si limite.
asta   1424 - sez.  14 - G_2LU150x18         -   8% della Si limite.
asta   1425 - sez.  14 - G_2LU150x18         -   9% della Si limite.
asta   1427 - sez.  14 - G_2LU150x18         -  14% della Si limite.
asta   1428 - sez.  14 - G_2LU150x18         -   9% della Ss limite.
asta   1429 - sez.  14 - G_2LU150x18         -  10% della Si limite.
asta   1430 - sez.  14 - G_2LU150x18         -  33% della Si limite.
asta   1431 - sez.  14 - G_2LU150x18         -  37% della Si limite.
asta   1432 - sez.  14 - G_2LU150x18         -  28% della Si limite.
asta   1433 - sez.  14 - G_2LU150x18         -  75% della Si limite.
asta   1434 - sez.  14 - G_2LU150x18         -  80% della Si limite.
asta   1439 - sez.  14 - G_2LU150x18         -  24% della Si limite.
asta   1440 - sez.  14 - G_2LU150x18         -  77% della Si limite.
asta   1441 - sez.  14 - G_2LU150x18         -  23% della Si limite.
asta   1444 - sez.  14 - G_2LU150x18         -  20% della Si limite.
asta   1515 - sez.  14 - G_2LU150x18         -  16% della Si limite.
asta   1517 - sez.  14 - G_2LU150x18         -  13% della Si limite.
asta   1519 - sez.  14 - G_2LU150x18         -   8% della Si limite.
asta   2046 - sez.  14 - G_2LU150x18         -  13% della Si limite.
asta   2048 - sez.  14 - G_2LU150x18         -  14% della Si limite.
asta   2049 - sez.  14 - G_2LU150x18         -   9% della Si limite.
asta   2050 - sez.  14 - G_2LU150x18         -  17% della Si limite.
asta   2051 - sez.  14 - G_2LU150x18         -   9% della Si limite.
asta   2052 - sez.  14 - G_2LU150x18         -  11% della Si limite.
asta   2053 - sez.  14 - G_2LU150x18         -  20% della Si limite.
asta   2054 - sez.  14 - G_2LU150x18         -  22% della Si limite.
asta   2161 - sez.  14 - G_2LU150x18         -  15% della Si limite.
asta   2162 - sez.  14 - G_2LU150x18         -  15% della Ss limite.
asta   2163 - sez.  14 - G_2LU150x18         -  10% della Si limite.
asta   2164 - sez.  14 - G_2LU150x18         -  83% della Si limite.
asta   2271 - sez.  14 - G_2LU150x18         -  15% della Ss limite.
asta   2272 - sez.  14 - G_2LU150x18         -  13% della Si limite.
asta   2273 - sez.  14 - G_2LU150x18         -  73% della Si limite.
asta   2274 - sez.  14 - G_2LU150x18         -  42% della Si limite.
asta   2275 - sez.  14 - G_2LU150x18         -  22% della Si limite.
asta   2276 - sez.  14 - G_2LU150x18         -  43% della Si limite.
```

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  asta   2277 - sez.  14 - G_2LU150x18          -  23% della Si limite.
  asta   2278 - sez.  14 - G_2LU150x18          -  24% della Si limite.
  asta   2279 - sez.  14 - G_2LU150x18          -  13% della Si limite.
  asta     95 - sez.  16 - G_HEM1100rinf        -  17% della Si limite.
  asta   1335 - sez.  16 - G_HEM1100rinf        -  11% della Si limite.
  asta   1336 - sez.  16 - G_HEM1100rinf        -  59% della Si limite.
  asta   1337 - sez.  16 - G_HEM1100rinf        -  53% della Si limite.
  asta   1338 - sez.  16 - G_HEM1100rinf        -  13% della Si limite.
  asta   1339 - sez.  16 - G_HEM1100rinf        -  66% della Si limite.
  asta   1340 - sez.  16 - G_HEM1100rinf        -  82% della Si limite.
  asta   1435 - sez.  16 - G_HEM1100rinf        - 100% della Si limite.
  asta   1437 - sez.  16 - G_HEM1100rinf        -  89% della Si limite.
  asta   1438 - sez.  16 - G_HEM1100rinf        -  75% della Si limite.
  asta   1445 - sez.  16 - G_HEM1100rinf        -  20% della Si limite.
  asta   1446 - sez.  16 - G_HEM1100rinf        -  84% della Si limite.
  asta    640 - sez.  17 - G_2LU200x24          -  99% della Si limite.
  asta    641 - sez.  17 - G_2LU200x24          -  93% della Si limite.
```



Percentuale di utilizzo dell'acciaio

11.2 Verifica della fondazione

La fondazione ha spessore 50 cm ed è armata simmetricamente con Φ18/15 in entrambe le direzioni, si riportano, a titolo di esempio, i tabulati Verifica di alcuni gusci significativi.

Verifiche allo SLU

```
unità di misura:
   lunghezze     : [cm]      -   forze       : [daN]
   momenti       : [daNcm/cm]-   tensioni    : [daN/cm2]
   pesi specifici: [daN/cm3] -   angoli      : [gradi]
   armature      : [cm2]

CASI DI CARICO:
    Nome  Descrizione
    1     SLU SENZA SISMA
    4     SLU con SISMAX PRINC
    5     SLU con SISMAY PRINC
    8     SLU FON con SISMAX P
    9     SLU FON con SISMAY P

DATI:
   tensione di snervamento acciaio (fyk): 4500    daN/cm2
   coefficiente sicurezza acciaio       : 1.15
   deformazione ultima acciaio          : 67.5    per mille
   deformazione ultima cls              :  3.5    per mille
   rapporto rottura/snervamento      (k): 1.15
   resistenza cilindrica cls       (fck): 373.5   daN/cm2
   coefficiente sicurezza cls           : 1.5
   coefficiente riduttivo         (alfa): 0.85
   copriferro inferiore  (asse armatura): 3       cm
   copriferro superiore  (asse armatura): 3       cm
   moltiplicatore sollecitazioni        : 1
```

		INFERIORE ORIZZONTALE					INFERIORE VERTICALE					
GUSCI	spess	Af	Afc	Mom	Nor	epsC	epsF	Af	Afc	Mom	Nor	epsC	epsF
2651	50	16.96	16.96	596.	2.	0.01	0.04	16.96	16.96	1577.	0.	0.04	0.10
2652	50	16.96	16.96	40.	2.	0.00	0.00	16.96	16.96	1340.	0.	0.03	0.09
2653	50	16.96	16.96	305.	0.	0.01	0.02	16.96	16.96	539.	0.	0.01	0.03

2654	50	16.96	16.96	718.	0.	0.02	0.05	16.96	16.96	59.	0.	0.00	0.00
2655	50	16.96	16.96	796.	0.	0.02	0.05	16.96	16.96	0.	0.	0.00	0.00
2656	50	16.96	16.96	825.	0.	0.02	0.05	16.96	16.96	0.	0.	0.00	0.00
2657	50	16.96	16.96	430.	0.	0.01	0.03	16.96	16.96	39.	0.	0.00	0.00
2658	50	16.96	16.96	561.	0.	0.01	0.04	16.96	16.96	104.	0.	0.00	0.01
2659	50	16.96	16.96	965.	0.	0.02	0.06	16.96	16.96	216.	0.	0.00	0.01
2675	50	16.96	16.96	1222.	0.	0.03	0.08	16.96	16.96	367.	0.	0.01	0.02
2676	50	16.96	16.96	1135.	0.	0.03	0.07	16.96	16.96	573.	0.	0.01	0.04
2698	50	16.96	16.96	538.	0.	0.01	0.03	16.96	16.96	66.	0.	0.00	0.00
2699	50	16.96	16.96	1088.	0.	0.02	0.07	16.96	16.96	44.	0.	0.00	0.00
2700	50	16.96	16.96	1393.	0.	0.03	0.09	16.96	16.96	5.	0.	0.00	0.00
2701	50	16.96	16.96	876.	0.	0.02	0.06	16.96	16.96	751.	0.	0.02	0.05
2719	50	16.96	16.96	1135.	0.	0.03	0.07	16.96	16.96	0.	0.	0.00	0.00
2720	50	16.96	16.96	763.	0.	0.02	0.05	16.96	16.96	0.	0.	0.00	0.00
2721	50	16.96	16.96	19.	0.	0.00	0.00	16.96	16.96	724.	0.	0.02	0.05
2722	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	210.	0.	0.00	0.01
2723	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	196.	0.	0.00	0.01
2742	50	16.96	16.96	577.	0.	0.01	0.04	16.96	16.96	130.	0.	0.00	0.01
2743	50	16.96	16.96	303.	0.	0.01	0.02	16.96	16.96	70.	0.	0.00	0.00
2744	50	16.96	16.96	304.	0.	0.01	0.02	16.96	16.96	89.	0.	0.00	0.01
2745	50	16.96	16.96	515.	0.	0.01	0.03	16.96	16.96	240.	0.	0.01	0.02
2746	50	16.96	16.96	1031.	0.	0.02	0.07	16.96	16.96	338.	0.	0.01	0.02
2747	50	16.96	16.96	1703.	0.	0.04	0.11	16.96	16.96	291.	0.	0.01	0.02
2748	50	16.96	16.96	836.	0.	0.02	0.05	16.96	16.96	0.	0.	0.00	0.00
2749	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2750	50	16.96	16.96	5.	0.	0.00	0.00	16.96	16.96	720.	0.	0.02	0.05
2768	50	16.96	16.96	377.	0.	0.01	0.02	16.96	16.96	110.	0.	0.00	0.01
2769	50	16.96	16.96	276.	0.	0.01	0.02	16.96	16.96	0.	0.	0.00	0.00
2770	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	6.	0.00	0.01
2771	50	16.96	16.96	0.	2.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2772	50	16.96	16.96	0.	2.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2773	50	16.96	16.96	865.	0.	0.02	0.06	16.96	16.96	755.	0.	0.02	0.05
2787	50	16.96	16.96	519.	1.	0.01	0.04	16.96	16.96	1742.	0.	0.04	0.11
2788	50	16.96	16.96	303.	1.	0.01	0.02	16.96	16.96	1489.	0.	0.03	0.10
2789	50	16.96	16.96	393.	0.	0.01	0.03	16.96	16.96	892.	0.	0.02	0.06
2790	50	16.96	16.96	725.	0.	0.02	0.05	16.96	16.96	334.	0.	0.01	0.02
2791	50	16.96	16.96	521.	0.	0.01	0.03	16.96	16.96	215.	0.	0.00	0.01
2792	50	16.96	16.96	1058.	0.	0.02	0.07	16.96	16.96	312.	0.	0.01	0.02
2793	50	16.96	16.96	1761.	0.	0.04	0.11	16.96	16.96	303.	0.	0.01	0.02
2794	50	16.96	16.96	963.	0.	0.02	0.06	16.96	16.96	70.	0.	0.00	0.00
2795	50	16.96	16.96	0.	3.	0.00	0.00	16.96	16.96	845.	7.	0.01	0.07
2796	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2797	50	16.96	16.96	1128.	0.	0.03	0.07	16.96	16.96	580.	0.	0.01	0.04
2814	50	16.96	16.96	358.	0.	0.01	0.02	16.96	16.96	186.	0.	0.00	0.01
2815	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	1343.	7.	0.02	0.10
2816	50	16.96	16.96	0.	4.	0.00	0.01	16.96	16.96	877.	7.	0.01	0.07
2817	50	16.96	16.96	775.	0.	0.02	0.05	16.96	16.96	0.	0.	0.00	0.00
2818	50	16.96	16.96	1217.	0.	0.03	0.08	16.96	16.96	372.	0.	0.01	0.02
2831	50	16.96	16.96	308.	0.	0.01	0.02	16.96	16.96	716.	0.	0.02	0.05
2832	50	16.96	16.96	114.	0.	0.00	0.01	16.96	16.96	728.	0.	0.02	0.05
2833	50	16.96	16.96	171.	0.	0.00	0.01	16.96	16.96	725.	0.	0.02	0.05
2834	50	16.96	16.96	659.	0.	0.02	0.04	16.96	16.96	618.	0.	0.01	0.04
2835	50	16.96	16.96	529.	0.	0.01	0.03	16.96	16.96	111.	0.	0.00	0.01
2836	50	16.96	16.96	1080.	0.	0.02	0.07	16.96	16.96	66.	0.	0.00	0.00
2837	50	16.96	16.96	1437.	0.	0.03	0.09	16.96	16.96	0.	0.	0.00	0.00
2838	50	16.96	16.96	1134.	0.	0.03	0.07	16.96	16.96	0.	0.	0.00	0.00
2839	50	16.96	16.96	0.	3.	0.00	0.00	16.96	16.96	1885.	9.	0.03	0.14
2840	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	50.	6.	0.00	0.01
2841	50	16.96	16.96	1126.	0.	0.03	0.07	16.96	16.96	0.	0.	0.00	0.00
2842	50	16.96	16.96	966.	0.	0.02	0.06	16.96	16.96	222.	0.	0.01	0.01
2858	50	16.96	16.96	455.	0.	0.01	0.03	16.96	16.96	221.	0.	0.01	0.01
2859	50	16.96	16.96	293.	0.	0.01	0.02	16.96	16.96	174.	0.	0.00	0.01
2860	50	16.96	16.96	258.	0.	0.01	0.02	16.96	16.96	111.	0.	0.00	0.01
2861	50	16.96	16.96	803.	0.	0.02	0.05	16.96	16.96	132.	0.	0.00	0.01
2862	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	190.	0.	0.00	0.01
2863	50	16.96	16.96	168.	4.	0.00	0.02	16.96	16.96	1633.	9.	0.03	0.12
2864	50	16.96	16.96	271.	0.	0.01	0.02	16.96	16.96	0.	0.	0.00	0.00
2865	50	16.96	16.96	1386.	0.	0.03	0.09	16.96	16.96	0.	0.	0.00	0.00
2866	50	16.96	16.96	579.	0.	0.01	0.04	16.96	16.96	121.	0.	0.00	0.01
2877	50	16.96	16.96	355.	0.	0.01	0.02	16.96	16.96	1115.	0.	0.03	0.07
2878	50	16.96	16.96	386.	0.	0.01	0.03	16.96	16.96	1042.	0.	0.02	0.07
2879	50	16.96	16.96	16.	0.	0.00	0.00	16.96	16.96	930.	0.	0.02	0.06
2880	50	16.96	16.96	465.	0.	0.01	0.03	16.96	16.96	754.	0.	0.02	0.05
2881	50	16.96	16.96	517.	0.	0.01	0.03	16.96	16.96	164.	0.	0.00	0.01
2882	50	16.96	16.96	861.	0.	0.02	0.06	16.96	16.96	288.	0.	0.01	0.02
2883	50	16.96	16.96	1143.	0.	0.03	0.07	16.96	16.96	464.	0.	0.01	0.03
2884	50	16.96	16.96	1003.	0.	0.02	0.07	16.96	16.96	641.	0.	0.01	0.04
2885	50	16.96	16.96	0.	3.	0.00	0.00	16.96	16.96	527.	0.	0.01	0.03
2886	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	1237.	5.	0.02	0.09
2887	50	16.96	16.96	823.	0.	0.02	0.05	16.96	16.96	11.	0.	0.00	0.00
2888	50	16.96	16.96	1090.	0.	0.02	0.07	16.96	16.96	57.	0.	0.00	0.00
2889	50	16.96	16.96	407.	0.	0.01	0.03	16.96	16.96	103.	0.	0.00	0.01
2905	50	16.96	16.96	300.	0.	0.01	0.02	16.96	16.96	260.	0.	0.01	0.02
2906	50	16.96	16.96	229.	0.	0.01	0.01	16.96	16.96	156.	0.	0.00	0.01
2907	50	16.96	16.96	202.	0.	0.00	0.01	16.96	16.96	81.	0.	0.00	0.01
2908	50	16.96	16.96	751.	0.	0.02	0.05	16.96	16.96	820.	0.	0.02	0.05
2909	50	16.96	16.96	27.	0.	0.00	0.00	16.96	16.96	821.	0.	0.02	0.05
2910	50	16.96	16.96	174.	3.	0.00	0.02	16.96	16.96	554.	0.	0.01	0.04
2911	50	16.96	16.96	320.	0.	0.01	0.02	16.96	16.96	173.	0.	0.00	0.01
2912	50	16.96	16.96	1699.	0.	0.04	0.11	16.96	16.96	308.	0.	0.01	0.02
2913	50	16.96	16.96	553.	0.	0.01	0.04	16.96	16.96	108.	0.	0.00	0.01
2914	50	16.96	16.96	388.	0.	0.01	0.03	16.96	16.96	106.	0.	0.00	0.01
2923	50	16.96	16.96	261.	0.	0.01	0.02	16.96	16.96	1758.	0.	0.04	0.11
2924	50	16.96	16.96	435.	0.	0.01	0.03	16.96	16.96	1490.	0.	0.03	0.10
2925	50	16.96	16.96	56.	0.	0.00	0.00	16.96	16.96	1100.	0.	0.03	0.07

2926	50	16.96	16.96	279.	0.	0.01	0.02	16.96	16.96	700.	0.	0.02	0.05
2927	50	16.96	16.96	684.	0.	0.02	0.04	16.96	16.96	399.	0.	0.01	0.03
2928	50	16.96	16.96	868.	0.	0.02	0.06	16.96	16.96	617.	0.	0.01	0.04
2929	50	16.96	16.96	816.	0.	0.02	0.05	16.96	16.96	856.	0.	0.02	0.06
2930	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	346.	0.	0.01	0.02
2931	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	224.	0.	0.01	0.01
2932	50	16.96	16.96	947.	0.	0.02	0.06	16.96	16.96	85.	0.	0.00	0.01
2933	50	16.96	16.96	1029.	0.	0.02	0.07	16.96	16.96	333.	0.	0.01	0.02
2934	50	16.96	16.96	416.	0.	0.01	0.03	16.96	16.96	104.	0.	0.00	0.01
2935	50	16.96	16.96	495.	0.	0.01	0.03	16.96	16.96	116.	0.	0.00	0.01
2936	50	16.96	16.96	806.	0.	0.02	0.05	16.96	16.96	191.	0.	0.00	0.01
2950	50	16.96	16.96	119.	0.	0.00	0.01	16.96	16.96	159.	0.	0.00	0.01
2951	50	16.96	16.96	145.	0.	0.00	0.01	16.96	16.96	68.	0.	0.00	0.00
2952	50	16.96	16.96	140.	0.	0.00	0.01	16.96	16.96	13.	0.	0.00	0.00
2953	50	16.96	16.96	567.	0.	0.01	0.04	16.96	16.96	1029.	0.	0.02	0.07
2954	50	16.96	16.96	125.	0.	0.00	0.01	16.96	16.96	1134.	0.	0.03	0.07
2955	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	286.	0.	0.01	0.02
2956	50	16.96	16.96	769.	0.	0.02	0.05	16.96	16.96	95.	0.	0.00	0.01
2957	50	16.96	16.96	1755.	0.	0.04	0.11	16.96	16.96	269.	0.	0.01	0.02
2958	50	16.96	16.96	525.	0.	0.01	0.03	16.96	16.96	235.	0.	0.01	0.02
2959	50	16.96	16.96	401.	0.	0.01	0.03	16.96	16.96	105.	0.	0.00	0.01
2960	50	16.96	16.96	478.	0.	0.01	0.03	16.96	16.96	106.	0.	0.00	0.01
2961	50	16.96	16.96	1018.	0.	0.02	0.07	16.96	16.96	310.	0.	0.01	0.02
2962	50	16.96	16.96	949.	0.	0.02	0.06	16.96	16.96	484.	0.	0.01	0.03
2963	50	16.96	16.96	733.	0.	0.02	0.05	16.96	16.96	564.	0.	0.01	0.04
2968	50	16.96	16.96	63.	0.	0.00	0.00	16.96	16.96	350.	0.	0.01	0.02
2969	50	16.96	16.96	185.	0.	0.00	0.01	16.96	16.96	327.	0.	0.01	0.02
2970	50	16.96	16.96	86.	0.	0.00	0.01	16.96	16.96	304.	0.	0.01	0.02
2971	50	16.96	16.96	133.	0.	0.00	0.01	16.96	16.96	437.	0.	0.01	0.03
2972	50	16.96	16.96	181.	0.	0.00	0.01	16.96	16.96	61.	0.	0.00	0.00
2973	50	16.96	16.96	481.	0.	0.01	0.03	16.96	16.96	408.	0.	0.01	0.03
2974	50	16.96	16.96	627.	0.	0.01	0.04	16.96	16.96	642.	0.	0.01	0.04
2975	50	16.96	16.96	575.	0.	0.01	0.04	16.96	16.96	881.	0.	0.02	0.06
2976	50	16.96	16.96	103.	0.	0.00	0.01	16.96	16.96	931.	0.	0.02	0.06
2977	50	16.96	16.96	76.	0.	0.00	0.00	16.96	16.96	775.	0.	0.02	0.05
2978	50	16.96	16.96	1125.	0.	0.03	0.07	16.96	16.96	0.	0.	0.00	0.00
2979	50	16.96	16.96	1055.	0.	0.02	0.07	16.96	16.96	304.	0.	0.01	0.02
2980	50	16.96	16.96	418.	0.	0.01	0.03	16.96	16.96	119.	0.	0.00	0.01
2981	50	16.96	16.96	898.	0.	0.02	0.06	16.96	16.96	51.	0.	0.00	0.00
2982	50	16.96	16.96	1161.	0.	0.03	0.08	16.96	16.96	3.	0.	0.00	0.00
2983	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	536.	0.	0.01	0.03
2984	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	169.	0.	0.00	0.01
2985	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	184.	0.	0.00	0.01
2996	50	16.96	16.96	5.	0.	0.00	0.00	16.96	16.96	33.	0.	0.00	0.00
2997	50	16.96	16.96	66.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2998	50	16.96	16.96	85.	0.	0.00	0.01	16.96	16.96	0.	0.	0.00	0.00
2999	50	16.96	16.96	403.	0.	0.01	0.03	16.96	16.96	1141.	0.	0.03	0.07
3000	50	16.96	16.96	150.	0.	0.00	0.01	16.96	16.96	1408.	0.	0.03	0.09
3001	50	16.96	16.96	162.	0.	0.00	0.01	16.96	16.96	884.	0.	0.02	0.06
3002	50	16.96	16.96	740.	0.	0.02	0.05	16.96	16.96	822.	0.	0.02	0.05
3003	50	16.96	16.96	1428.	0.	0.03	0.09	16.96	16.96	0.	0.	0.00	0.00
3004	50	16.96	16.96	527.	0.	0.01	0.03	16.96	16.96	206.	0.	0.00	0.01
3005	50	16.96	16.96	401.	0.	0.01	0.03	16.96	16.96	107.	0.	0.00	0.01
3006	50	16.96	16.96	451.	0.	0.01	0.03	16.96	16.96	195.	0.	0.00	0.01
3007	50	16.96	16.96	832.	0.	0.02	0.05	16.96	16.96	240.	0.	0.01	0.02
3008	50	16.96	16.96	945.	0.	0.02	0.06	16.96	16.96	0.	0.	0.00	0.00
3009	50	16.96	16.96	626.	0.	0.01	0.04	16.96	16.96	0.	0.	0.00	0.00
3010	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3011	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	533.	0.	0.01	0.03
3015	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3016	50	16.96	16.96	35.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3017	50	16.96	16.96	66.	0.	0.00	0.00	16.96	16.96	54.	0.	0.00	0.00
3018	50	16.96	16.96	91.	0.	0.00	0.01	16.96	16.96	125.	0.	0.00	0.01
3019	50	16.96	16.96	115.	0.	0.00	0.01	16.96	16.96	25.	0.	0.00	0.00
3020	50	16.96	16.96	392.	0.	0.01	0.03	16.96	16.96	480.	0.	0.01	0.03
3021	50	16.96	16.96	359.	0.	0.01	0.02	16.96	16.96	675.	0.	0.02	0.04
3022	50	16.96	16.96	290.	0.	0.01	0.02	16.96	16.96	1694.	0.	0.04	0.11
3023	50	16.96	16.96	130.	0.	0.00	0.01	16.96	16.96	1134.	0.	0.03	0.07
3024	50	16.96	16.96	993.	0.	0.02	0.06	16.96	16.96	645.	0.	0.01	0.04
3025	50	16.96	16.96	1081.	0.	0.02	0.07	16.96	16.96	74.	0.	0.00	0.00
3026	50	16.96	16.96	418.	0.	0.01	0.03	16.96	16.96	111.	0.	0.00	0.01
3027	50	16.96	16.96	1424.	0.	0.03	0.09	16.96	16.96	191.	0.	0.00	0.01
3028	50	16.96	16.96	685.	0.	0.02	0.04	16.96	16.96	0.	0.	0.00	0.00
3029	50	16.96	16.96	0.	2.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3030	50	16.96	16.96	0.	2.	0.00	0.00	16.96	16.96	135.	0.	0.00	0.01
3031	50	16.96	16.96	741.	0.	0.02	0.05	16.96	16.96	559.	0.	0.01	0.04
3041	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	32.	0.	0.00	0.00
3042	50	16.96	16.96	19.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3043	50	16.96	16.96	42.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3044	50	16.96	16.96	237.	0.	0.01	0.02	16.96	16.96	854.	0.	0.02	0.06
3045	50	16.96	16.96	125.	0.	0.00	0.01	16.96	16.96	1069.	0.	0.02	0.07
3046	50	16.96	16.96	270.	0.	0.01	0.02	16.96	16.96	1659.	0.	0.04	0.11
3047	50	16.96	16.96	556.	0.	0.01	0.04	16.96	16.96	1031.	0.	0.02	0.07
3048	50	16.96	16.96	1137.	0.	0.03	0.07	16.96	16.96	472.	0.	0.01	0.03
3049	50	16.96	16.96	545.	0.	0.01	0.04	16.96	16.96	127.	0.	0.00	0.01
3050	50	16.96	16.96	401.	0.	0.01	0.03	16.96	16.96	111.	0.	0.00	0.01
3051	50	16.96	16.96	454.	0.	0.01	0.03	16.96	16.96	165.	0.	0.00	0.01
3052	50	16.96	16.96	859.	0.	0.02	0.06	16.96	16.96	248.	0.	0.01	0.02
3053	50	16.96	16.96	219.	0.	0.01	0.01	16.96	16.96	0.	0.	0.00	0.00
3054	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	59.	5.	0.00	0.01
3055	50	16.96	16.96	81.	0.	0.00	0.01	16.96	16.96	825.	6.	0.01	0.06
3056	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	14.	0.	0.00	0.00
3057	50	16.96	16.96	959.	0.	0.02	0.06	16.96	16.96	475.	0.	0.01	0.03
3060	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	81.	0.	0.00	0.01

3061	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	112.	0.	0.00	0.01
3062	50	16.96	16.96	42.	0.	0.00	0.00	16.96	16.96	116.	0.	0.00	0.01
3063	50	16.96	16.96	33.	0.	0.00	0.00	16.96	16.96	97.	0.	0.00	0.01
3064	50	16.96	16.96	49.	0.	0.00	0.00	16.96	16.96	12.	0.	0.00	0.00
3065	50	16.96	16.96	241.	0.	0.01	0.02	16.96	16.96	309.	0.	0.01	0.02
3066	50	16.96	16.96	200.	0.	0.00	0.01	16.96	16.96	426.	0.	0.01	0.03
3067	50	16.96	16.96	293.	0.	0.01	0.02	16.96	16.96	1050.	0.	0.02	0.07
3068	50	16.96	16.96	146.	0.	0.00	0.01	16.96	16.96	1367.	0.	0.03	0.09
3069	50	16.96	16.96	809.	0.	0.02	0.05	16.96	16.96	862.	0.	0.02	0.06
3070	50	16.96	16.96	860.	0.	0.02	0.06	16.96	16.96	300.	0.	0.01	0.02
3071	50	16.96	16.96	409.	0.	0.01	0.03	16.96	16.96	120.	0.	0.00	0.01
3072	50	16.96	16.96	1476.	0.	0.03	0.10	16.96	16.96	222.	0.	0.01	0.01
3073	50	16.96	16.96	807.	0.	0.02	0.05	16.96	16.96	33.	0.	0.00	0.00
3074	50	16.96	16.96	131.	0.	0.00	0.01	16.96	16.96	949.	6.	0.01	0.07
3075	50	16.96	16.96	627.	0.	0.01	0.04	16.96	16.96	0.	0.	0.00	0.00
3076	50	16.96	16.96	1034.	0.	0.02	0.07	16.96	16.96	302.	0.	0.01	0.02
3085	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	20.	0.	0.00	0.00
3086	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	4.	0.	0.00	0.00
3087	50	16.96	16.96	11.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3088	50	16.96	16.96	70.	0.	0.00	0.00	16.96	16.96	52.	0.	0.00	0.00
3089	50	16.96	16.96	122.	0.	0.00	0.01	16.96	16.96	497.	0.	0.01	0.03
3090	50	16.96	16.96	65.	0.	0.00	0.00	16.96	16.96	504.	0.	0.01	0.03
3091	50	16.96	16.96	328.	0.	0.01	0.02	16.96	16.96	1044.	0.	0.02	0.07
3092	50	16.96	16.96	395.	0.	0.01	0.03	16.96	16.96	1144.	0.	0.03	0.07
3093	50	16.96	16.96	865.	0.	0.02	0.06	16.96	16.96	625.	0.	0.01	0.04
3094	50	16.96	16.96	538.	0.	0.01	0.03	16.96	16.96	182.	0.	0.00	0.01
3095	50	16.96	16.96	394.	0.	0.01	0.03	16.96	16.96	122.	0.	0.00	0.01
3096	50	16.96	16.96	463.	0.	0.01	0.03	16.96	16.96	126.	0.	0.00	0.01
3097	50	16.96	16.96	888.	0.	0.02	0.06	16.96	16.96	73.	0.	0.00	0.00
3098	50	16.96	16.96	280.	0.	0.01	0.02	16.96	16.96	172.	0.	0.00	0.01
3099	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	1100.	6.	0.02	0.08
3100	50	16.96	16.96	209.	1.	0.00	0.01	16.96	16.96	1580.	8.	0.03	0.11
3101	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	431.	5.	0.00	0.03
3102	50	16.96	16.96	952.	0.	0.02	0.06	16.96	16.96	0.	0.	0.00	0.00
3103	50	16.96	16.96	825.	0.	0.02	0.05	16.96	16.96	158.	0.	0.00	0.01
3105	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	35.	0.	0.00	0.00
3106	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	42.	0.	0.00	0.00
3107	50	16.96	16.96	22.	0.	0.00	0.00	16.96	16.96	42.	0.	0.00	0.00
3108	50	16.96	16.96	4.	0.	0.00	0.00	16.96	16.96	30.	0.	0.00	0.00
3109	50	16.96	16.96	7.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3110	50	16.96	16.96	101.	0.	0.00	0.01	16.96	16.96	233.	0.	0.01	0.02
3111	50	16.96	16.96	231.	0.	0.01	0.01	16.96	16.96	498.	0.	0.01	0.03
3112	50	16.96	16.96	121.	0.	0.00	0.01	16.96	16.96	1070.	0.	0.02	0.07
3113	50	16.96	16.96	570.	0.	0.01	0.04	16.96	16.96	886.	0.	0.02	0.06
3114	50	16.96	16.96	684.	0.	0.02	0.04	16.96	16.96	409.	0.	0.01	0.03
3115	50	16.96	16.96	378.	0.	0.01	0.02	16.96	16.96	115.	0.	0.00	0.01
3116	50	16.96	16.96	1197.	0.	0.03	0.08	16.96	16.96	0.	0.	0.00	0.00
3117	50	16.96	16.96	943.	0.	0.02	0.06	16.96	16.96	0.	0.	0.00	0.00
3118	50	16.96	16.96	178.	1.	0.00	0.01	16.96	16.96	1527.	7.	0.03	0.11
3119	50	16.96	16.96	229.	0.	0.00	0.01	16.96	16.96	0.	0.	0.00	0.00
3120	50	16.96	16.96	1173.	0.	0.03	0.08	16.96	16.96	0.	0.	0.00	0.00
3121	50	16.96	16.96	478.	0.	0.01	0.03	16.96	16.96	66.	0.	0.00	0.00
3129	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	3.	0.	0.00	0.00
3130	50	16.96	16.96	13.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3131	50	16.96	16.96	68.	0.	0.00	0.00	16.96	16.96	268.	0.	0.01	0.02
3132	50	16.96	16.96	70.	0.	0.00	0.00	16.96	16.96	283.	0.	0.01	0.02
3133	50	16.96	16.96	233.	0.	0.01	0.02	16.96	16.96	498.	0.	0.01	0.03
3134	50	16.96	16.96	232.	0.	0.01	0.02	16.96	16.96	856.	0.	0.02	0.06
3135	50	16.96	16.96	627.	0.	0.01	0.04	16.96	16.96	647.	0.	0.01	0.04
3136	50	16.96	16.96	463.	0.	0.01	0.03	16.96	16.96	243.	0.	0.01	0.02
3137	50	16.96	16.96	364.	0.	0.01	0.02	16.96	16.96	118.	0.	0.00	0.01
3138	50	16.96	16.96	458.	0.	0.01	0.03	16.96	16.96	169.	0.	0.00	0.01
3139	50	16.96	16.96	713.	0.	0.02	0.05	16.96	16.96	266.	0.	0.01	0.02
3140	50	16.96	16.96	644.	0.	0.01	0.04	16.96	16.96	0.	0.	0.00	0.00
3141	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	224.	0.	0.01	0.01
3142	50	16.96	16.96	0.	2.	0.00	0.00	16.96	16.96	547.	0.	0.01	0.04
3143	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	1083.	6.	0.02	0.08
3144	50	16.96	16.96	690.	0.	0.02	0.04	16.96	16.96	0.	0.	0.00	0.00
3145	50	16.96	16.96	941.	0.	0.02	0.06	16.96	16.96	30.	0.	0.00	0.00
3147	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3148	50	16.96	16.96	5.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3149	50	16.96	16.96	19.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3150	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3151	50	16.96	16.96	46.	0.	0.00	0.00	16.96	16.96	56.	0.	0.00	0.00
3152	50	16.96	16.96	105.	0.	0.00	0.01	16.96	16.96	300.	0.	0.01	0.02
3153	50	16.96	16.96	64.	0.	0.00	0.00	16.96	16.96	504.	0.	0.01	0.03
3154	50	16.96	16.96	355.	0.	0.01	0.02	16.96	16.96	677.	0.	0.02	0.04
3155	50	16.96	16.96	471.	0.	0.01	0.03	16.96	16.96	403.	0.	0.01	0.03
3156	50	16.96	16.96	321.	0.	0.01	0.02	16.96	16.96	127.	0.	0.00	0.01
3157	50	16.96	16.96	946.	0.	0.02	0.06	16.96	16.96	409.	0.	0.01	0.03
3158	50	16.96	16.96	830.	0.	0.02	0.05	16.96	16.96	556.	0.	0.01	0.04
3159	50	16.96	16.96	94.	1.	0.00	0.01	16.96	16.96	440.	0.	0.01	0.03
3160	50	16.96	16.96	283.	0.	0.01	0.02	16.96	16.96	154.	0.	0.00	0.01
3161	50	16.96	16.96	1384.	0.	0.03	0.09	16.96	16.96	255.	0.	0.01	0.02
3162	50	16.96	16.96	457.	0.	0.01	0.03	16.96	16.96	69.	0.	0.00	0.00
3170	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3171	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3172	50	16.96	16.96	50.	0.	0.00	0.00	16.96	16.96	96.	0.	0.00	0.01
3173	50	16.96	16.96	69.	0.	0.00	0.00	16.96	16.96	137.	0.	0.00	0.01
3174	50	16.96	16.96	106.	0.	0.00	0.01	16.96	16.96	300.	0.	0.01	0.02
3175	50	16.96	16.96	118.	0.	0.00	0.01	16.96	16.96	498.	0.	0.01	0.03
3176	50	16.96	16.96	391.	0.	0.01	0.03	16.96	16.96	483.	0.	0.01	0.03
3177	50	16.96	16.96	339.	0.	0.01	0.02	16.96	16.96	252.	0.	0.01	0.02
3178	50	16.96	16.96	307.	0.	0.01	0.02	16.96	16.96	117.	0.	0.00	0.01
3179	50	16.96	16.96	396.	0.	0.01	0.03	16.96	16.96	214.	0.	0.00	0.01

3180	50	16.96 16.96	568.	0.	0.01	0.04	16.96 16.96	353.	0.	0.01	0.02
3181	50	16.96 16.96	616.	0.	0.01	0.04	16.96 16.96	702.	0.	0.02	0.05
3182	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	660.	0.	0.02	0.04
3183	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	261.	0.	0.01	0.02
3184	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	79.	0.	0.00	0.01
3185	50	16.96 16.96	811.	0.	0.02	0.05	16.96 16.96	83.	0.	0.00	0.01
3186	50	16.96 16.96	899.	0.	0.02	0.06	16.96 16.96	285.	0.	0.01	0.02
3187	50	16.96 16.96	3.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3188	50	16.96 16.96	27.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3189	50	16.96 16.96	24.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3190	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3191	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3192	50	16.96 16.96	47.	0.	0.00	0.00	16.96 16.96	152.	0.	0.00	0.01
3193	50	16.96 16.96	68.	0.	0.00	0.00	16.96 16.96	284.	0.	0.01	0.02
3194	50	16.96 16.96	196.	0.	0.00	0.01	16.96 16.96	427.	0.	0.01	0.03
3195	50	16.96 16.96	227.	0.	0.01	0.01	16.96 16.96	257.	0.	0.01	0.02
3196	50	16.96 16.96	245.	0.	0.01	0.02	16.96 16.96	106.	0.	0.00	0.01
3197	50	16.96 16.96	719.	0.	0.02	0.05	16.96 16.96	533.	0.	0.01	0.03
3198	50	16.96 16.96	673.	0.	0.02	0.04	16.96 16.96	729.	0.	0.02	0.05
3199	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	270.	0.	0.01	0.02
3200	50	16.96 16.96	651.	0.	0.01	0.04	16.96 16.96	0.	0.	0.00	0.00
3201	50	16.96 16.96	1436.	0.	0.03	0.09	16.96 16.96	250.	0.	0.01	0.02
3202	50	16.96 16.96	440.	0.	0.01	0.03	16.96 16.96	202.	0.	0.00	0.01
3210	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3211	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3212	50	16.96 16.96	57.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3213	50	16.96 16.96	67.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3214	50	16.96 16.96	54.	0.	0.00	0.00	16.96 16.96	153.	0.	0.00	0.01
3215	50	16.96 16.96	65.	0.	0.00	0.00	16.96 16.96	269.	0.	0.01	0.02
3216	50	16.96 16.96	238.	0.	0.01	0.02	16.96 16.96	307.	0.	0.01	0.02
3217	50	16.96 16.96	217.	0.	0.00	0.01	16.96 16.96	123.	0.	0.00	0.01
3218	50	16.96 16.96	233.	0.	0.01	0.02	16.96 16.96	90.	0.	0.00	0.01
3219	50	16.96 16.96	288.	0.	0.01	0.02	16.96 16.96	209.	0.	0.00	0.01
3220	50	16.96 16.96	350.	0.	0.01	0.02	16.96 16.96	335.	0.	0.01	0.02
3221	50	16.96 16.96	463.	0.	0.01	0.03	16.96 16.96	871.	0.	0.02	0.06
3222	50	16.96 16.96	88.	0.	0.00	0.01	16.96 16.96	953.	0.	0.02	0.06
3223	50	16.96 16.96	62.	0.	0.00	0.00	16.96 16.96	748.	0.	0.02	0.05
3224	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	649.	0.	0.01	0.04
3225	50	16.96 16.96	950.	0.	0.02	0.06	16.96 16.96	0.	0.	0.00	0.00
3226	50	16.96 16.96	926.	0.	0.02	0.06	16.96 16.96	265.	0.	0.01	0.02
3227	50	16.96 16.96	322.	0.	0.01	0.02	16.96 16.96	96.	0.	0.00	0.01
3228	50	16.96 16.96	42.	0.	0.00	0.00	16.96 16.96	657.	0.	0.02	0.04
3229	50	16.96 16.96	46.	0.	0.00	0.00	16.96 16.96	360.	0.	0.01	0.02
3230	50	16.96 16.96	95.	0.	0.00	0.01	16.96 16.96	77.	0.	0.00	0.00
3231	50	16.96 16.96	191.	0.	0.00	0.01	16.96 16.96	0.	0.	0.00	0.00
3232	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3233	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3234	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3235	50	16.96 16.96	17.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3236	50	16.96 16.96	66.	0.	0.00	0.00	16.96 16.96	144.	0.	0.00	0.01
3237	50	16.96 16.96	98.	0.	0.00	0.01	16.96 16.96	235.	0.	0.01	0.02
3238	50	16.96 16.96	112.	0.	0.00	0.01	16.96 16.96	201.	0.	0.00	0.01
3239	50	16.96 16.96	168.	0.	0.00	0.01	16.96 16.96	30.	0.	0.00	0.00
3240	50	16.96 16.96	519.	0.	0.01	0.03	16.96 16.96	542.	0.	0.01	0.04
3241	50	16.96 16.96	473.	0.	0.01	0.03	16.96 16.96	742.	0.	0.02	0.05
3242	50	16.96 16.96	126.	0.	0.00	0.01	16.96 16.96	782.	0.	0.02	0.05
3243	50	16.96 16.96	624.	0.	0.01	0.04	16.96 16.96	697.	0.	0.02	0.05
3244	50	16.96 16.96	1203.	0.	0.03	0.08	16.96 16.96	0.	0.	0.00	0.00
3245	50	16.96 16.96	442.	0.	0.01	0.03	16.96 16.96	168.	0.	0.00	0.01
3246	50	16.96 16.96	316.	0.	0.01	0.02	16.96 16.96	25.	0.	0.00	0.00
3253	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	8.	0.	0.00	0.00
3254	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3255	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3256	50	16.96 16.96	24.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3257	50	16.96 16.96	47.	0.	0.00	0.00	16.96 16.96	103.	0.	0.00	0.01
3258	50	16.96 16.96	99.	0.	0.00	0.01	16.96 16.96	180.	0.	0.00	0.01
3259	50	16.96 16.96	121.	0.	0.00	0.01	16.96 16.96	103.	0.	0.00	0.01
3260	50	16.96 16.96	159.	0.	0.00	0.01	16.96 16.96	15.	0.	0.00	0.00
3261	50	16.96 16.96	185.	0.	0.00	0.01	16.96 16.96	96.	0.	0.00	0.01
3262	50	16.96 16.96	167.	0.	0.00	0.01	16.96 16.96	202.	0.	0.00	0.01
3263	50	16.96 16.96	329.	0.	0.01	0.02	16.96 16.96	957.	0.	0.02	0.06
3264	50	16.96 16.96	120.	0.	0.00	0.01	16.96 16.96	1142.	0.	0.03	0.07
3265	50	16.96 16.96	226.	0.	0.01	0.01	16.96 16.96	1383.	0.	0.03	0.09
3266	50	16.96 16.96	89.	0.	0.00	0.01	16.96 16.96	952.	0.	0.02	0.06
3267	50	16.96 16.96	838.	0.	0.02	0.05	16.96 16.96	550.	0.	0.01	0.04
3268	50	16.96 16.96	932.	0.	0.02	0.06	16.96 16.96	57.	0.	0.00	0.00
3269	50	16.96 16.96	60.	0.	0.00	0.00	16.96 16.96	1338.	0.	0.03	0.09
3270	50	16.96 16.96	204.	0.	0.00	0.01	16.96 16.96	1313.	0.	0.03	0.09
3271	50	16.96 16.96	587.	0.	0.01	0.04	16.96 16.96	1038.	0.	0.02	0.07
3272	50	16.96 16.96	721.	0.	0.02	0.05	16.96 16.96	735.	0.	0.02	0.05
3273	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3274	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3275	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3276	50	16.96 16.96	60.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3277	50	16.96 16.96	48.	0.	0.00	0.00	16.96 16.96	82.	0.	0.00	0.01
3278	50	16.96 16.96	20.	0.	0.00	0.00	16.96 16.96	122.	0.	0.00	0.01
3279	50	16.96 16.96	100.	0.	0.00	0.01	16.96 16.96	37.	0.	0.00	0.00
3280	50	16.96 16.96	312.	0.	0.01	0.02	16.96 16.96	387.	0.	0.01	0.03
3281	50	16.96 16.96	294.	0.	0.01	0.02	16.96 16.96	563.	0.	0.01	0.04
3282	50	16.96 16.96	247.	0.	0.01	0.02	16.96 16.96	1409.	0.	0.03	0.09
3283	50	16.96 16.96	470.	0.	0.01	0.03	16.96 16.96	867.	0.	0.02	0.06
3284	50	16.96 16.96	961.	0.	0.02	0.06	16.96 16.96	361.	0.	0.01	0.02
3285	50	16.96 16.96	451.	0.	0.01	0.03	16.96 16.96	77.	0.	0.00	0.01
3286	50	16.96 16.96	620.	0.	0.01	0.04	16.96 16.96	0.	0.	0.00	0.00
3292	50	16.96 16.96	206.	0.	0.00	0.01	16.96 16.96	266.	0.	0.01	0.02

3293	50	16.96 16.96	125.	0.	0.00	0.01	16.96 16.96	52.	0.	0.00	0.00
3294	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	6.	0.	0.00	0.00
3295	50	16.96 16.96	4.	0.	0.00	0.00	16.96 16.96	17.	0.	0.00	0.00
3296	50	16.96 16.96	61.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3297	50	16.96 16.96	26.	0.	0.00	0.00	16.96 16.96	51.	0.	0.00	0.00
3298	50	16.96 16.96	53.	0.	0.00	0.00	16.96 16.96	58.	0.	0.00	0.00
3299	50	16.96 16.96	95.	0.	0.00	0.01	16.96 16.96	26.	0.	0.00	0.00
3300	50	16.96 16.96	103.	0.	0.00	0.01	16.96 16.96	77.	0.	0.00	0.00
3301	50	16.96 16.96	73.	0.	0.00	0.00	16.96 16.96	167.	0.	0.00	0.01
3302	50	16.96 16.96	192.	0.	0.00	0.01	16.96 16.96	713.	0.	0.02	0.05
3303	50	16.96 16.96	100.	0.	0.00	0.01	16.96 16.96	891.	0.	0.02	0.06
3304	50	16.96 16.96	255.	0.	0.01	0.02	16.96 16.96	870.	0.	0.02	0.06
3305	50	16.96 16.96	123.	0.	0.00	0.01	16.96 16.96	1174.	0.	0.03	0.08
3306	50	16.96 16.96	680.	0.	0.02	0.04	16.96 16.96	723.	0.	0.02	0.05
3307	50	16.96 16.96	727.	0.	0.02	0.05	16.96 16.96	211.	0.	0.00	0.01
3308	50	16.96 16.96	160.	0.	0.00	0.01	16.96 16.96	1868.	0.	0.04	0.12
3309	50	16.96 16.96	928.	0.	0.02	0.06	16.96 16.96	1795.	0.	0.04	0.12
3310	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	33.	0.	0.00	0.00
3311	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	42.	0.	0.00	0.00
3312	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	73.	0.	0.00	0.00
3313	50	16.96 16.96	38.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3314	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	21.	0.	0.00	0.00
3315	50	16.96 16.96	44.	0.	0.00	0.00	16.96 16.96	14.	0.	0.00	0.00
3316	50	16.96 16.96	183.	0.	0.00	0.01	16.96 16.96	254.	0.	0.01	0.02
3317	50	16.96 16.96	161.	0.	0.00	0.01	16.96 16.96	354.	0.	0.01	0.02
3318	50	16.96 16.96	226.	0.	0.01	0.01	16.96 16.96	874.	0.	0.02	0.06
3319	50	16.96 16.96	334.	0.	0.01	0.02	16.96 16.96	954.	0.	0.02	0.06
3320	50	16.96 16.96	728.	0.	0.02	0.05	16.96 16.96	522.	0.	0.01	0.03
3321	50	16.96 16.96	442.	0.	0.01	0.03	16.96 16.96	103.	0.	0.00	0.01
3322	50	16.96 16.96	590.	0.	0.01	0.04	16.96 16.96	0.	0.	0.00	0.00
3327	50	16.96 16.96	309.	0.	0.01	0.02	16.96 16.96	525.	0.	0.01	0.03
3328	50	16.96 16.96	697.	0.	0.02	0.05	16.96 16.96	56.	0.	0.00	0.00
3329	50	16.96 16.96	169.	0.	0.00	0.01	16.96 16.96	19.	0.	0.00	0.00
3330	50	16.96 16.96	53.	0.	0.00	0.00	16.96 16.96	83.	0.	0.00	0.01
3331	50	16.96 16.96	88.	0.	0.00	0.01	16.96 16.96	32.	0.	0.00	0.00
3332	50	16.96 16.96	32.	0.	0.00	0.00	16.96 16.96	42.	0.	0.00	0.00
3333	50	16.96 16.96	24.	0.	0.00	0.00	16.96 16.96	39.	0.	0.00	0.00
3334	50	16.96 16.96	11.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3335	50	16.96 16.96	9.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3336	50	16.96 16.96	42.	0.	0.00	0.00	16.96 16.96	9.	0.	0.00	0.00
3337	50	16.96 16.96	46.	0.	0.00	0.00	16.96 16.96	43.	0.	0.00	0.00
3338	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	98.	0.	0.00	0.01
3339	50	16.96 16.96	98.	0.	0.00	0.01	16.96 16.96	414.	0.	0.01	0.03
3340	50	16.96 16.96	52.	0.	0.00	0.00	16.96 16.96	419.	0.	0.01	0.03
3341	50	16.96 16.96	193.	0.	0.00	0.01	16.96 16.96	415.	0.	0.01	0.03
3342	50	16.96 16.96	102.	0.	0.00	0.01	16.96 16.96	890.	0.	0.02	0.06
3343	50	16.96 16.96	478.	0.	0.01	0.03	16.96 16.96	739.	0.	0.02	0.05
3344	50	16.96 16.96	575.	0.	0.01	0.04	16.96 16.96	340.	0.	0.01	0.02
3345	50	16.96 16.96	239.	0.	0.01	0.02	16.96 16.96	83.	0.	0.00	0.01
3346	50	16.96 16.96	313.	0.	0.01	0.02	16.96 16.96	52.	0.	0.00	0.00
3347	50	16.96 16.96	724.	0.	0.02	0.05	16.96 16.96	2165.	0.	0.05	0.14
3348	50	16.96 16.96	1859.	0.	0.04	0.12	16.96 16.96	1936.	0.	0.04	0.13
3349	50	16.96 16.96	2374.	0.	0.05	0.15	16.96 16.96	1465.	0.	0.03	0.10
3350	50	16.96 16.96	135.	0.	0.00	0.01	16.96 16.96	71.	0.	0.00	0.00
3351	50	16.96 16.96	3.	0.	0.00	0.00	16.96 16.96	142.	0.	0.00	0.01
3352	50	16.96 16.96	42.	0.	0.00	0.00	16.96 16.96	196.	0.	0.00	0.01
3353	50	16.96 16.96	85.	0.	0.00	0.01	16.96 16.96	23.	0.	0.00	0.00
3354	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3355	50	16.96 16.96	9.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3356	50	16.96 16.96	62.	0.	0.00	0.00	16.96 16.96	149.	0.	0.00	0.01
3357	50	16.96 16.96	79.	0.	0.00	0.01	16.96 16.96	194.	0.	0.00	0.01
3358	50	16.96 16.96	193.	0.	0.00	0.01	16.96 16.96	414.	0.	0.01	0.03
3359	50	16.96 16.96	197.	0.	0.00	0.01	16.96 16.96	713.	0.	0.02	0.05
3360	50	16.96 16.96	523.	0.	0.01	0.03	16.96 16.96	539.	0.	0.01	0.04
3361	50	16.96 16.96	605.	0.	0.01	0.04	16.96 16.96	8.	0.	0.00	0.00
3362	50	16.96 16.96	550.	0.	0.01	0.04	16.96 16.96	0.	0.	0.00	0.00
3366	50	16.96 16.96	969.	0.	0.02	0.06	16.96 16.96	798.	0.	0.02	0.05
3367	50	16.96 16.96	1559.	0.	0.04	0.10	16.96 16.96	291.	0.	0.01	0.02
3368	50	16.96 16.96	826.	0.	0.02	0.05	16.96 16.96	0.	0.	0.00	0.00
3369	50	16.96 16.96	112.	0.	0.00	0.01	16.96 16.96	155.	0.	0.00	0.01
3370	50	16.96 16.96	93.	0.	0.00	0.01	16.96 16.96	235.	0.	0.01	0.02
3371	50	16.96 16.96	89.	0.	0.00	0.01	16.96 16.96	245.	0.	0.01	0.02
3372	50	16.96 16.96	76.	0.	0.00	0.00	16.96 16.96	245.	0.	0.01	0.02
3373	50	16.96 16.96	76.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3374	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3375	50	16.96 16.96	8.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3376	50	16.96 16.96	8.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3377	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3378	50	16.96 16.96	53.	0.	0.00	0.00	16.96 16.96	222.	0.	0.01	0.01
3379	50	16.96 16.96	57.	0.	0.00	0.00	16.96 16.96	235.	0.	0.01	0.02
3380	50	16.96 16.96	87.	0.	0.00	0.01	16.96 16.96	248.	0.	0.01	0.02
3381	50	16.96 16.96	54.	0.	0.00	0.00	16.96 16.96	420.	0.	0.01	0.03
3382	50	16.96 16.96	299.	0.	0.01	0.02	16.96 16.96	564.	0.	0.01	0.04
3383	50	16.96 16.96	400.	0.	0.01	0.03	16.96 16.96	342.	0.	0.01	0.02
3384	50	16.96 16.96	229.	0.	0.01	0.01	16.96 16.96	106.	0.	0.00	0.01
3385	50	16.96 16.96	317.	0.	0.01	0.02	16.96 16.96	165.	0.	0.00	0.01
3386	50	16.96 16.96	1824.	0.	0.04	0.12	16.96 16.96	1992.	0.	0.05	0.13
3387	50	16.96 16.96	2259.	0.	0.05	0.15	16.96 16.96	1668.	0.	0.04	0.11
3388	50	16.96 16.96	1316.	0.	0.03	0.09	16.96 16.96	1597.	0.	0.04	0.10
3389	50	16.96 16.96	533.	0.	0.01	0.03	16.96 16.96	48.	0.	0.00	0.00
3390	50	16.96 16.96	78.	0.	0.00	0.01	16.96 16.96	250.	0.	0.01	0.02
3391	50	16.96 16.96	187.	0.	0.00	0.01	16.96 16.96	358.	0.	0.01	0.02
3392	50	16.96 16.96	98.	0.	0.00	0.01	16.96 16.96	236.	0.	0.01	0.02
3393	50	16.96 16.96	43.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3394	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00

3395	50	16.96	16.96	11.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3396	50	16.96	16.96	39.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3397	50	16.96	16.96	88.	0.	0.00	0.01	16.96	16.96	249.	0.	0.01	0.02
3398	50	16.96	16.96	102.	0.	0.00	0.01	16.96	16.96	414.	0.	0.01	0.03
3399	50	16.96	16.96	328.	0.	0.01	0.02	16.96	16.96	401.	0.	0.01	0.03
3400	50	16.96	16.96	466.	0.	0.01	0.03	16.96	16.96	251.	0.	0.01	0.02
3401	50	16.96	16.96	575.	0.	0.01	0.04	16.96	16.96	0.	0.	0.00	0.00
3402	50	16.96	16.96	104.	0.	0.00	0.01	16.96	16.96	0.	0.	0.00	0.00
3405	50	16.96	16.96	2081.	0.	0.05	0.14	16.96	16.96	1033.	0.	0.02	0.07
3406	50	16.96	16.96	1774.	0.	0.04	0.12	16.96	16.96	182.	0.	0.00	0.01
3407	50	16.96	16.96	134.	0.	0.00	0.01	16.96	16.96	162.	0.	0.00	0.01
3408	50	16.96	16.96	97.	0.	0.00	0.01	16.96	16.96	439.	0.	0.01	0.03
3409	50	16.96	16.96	171.	0.	0.00	0.01	16.96	16.96	452.	0.	0.01	0.03
3410	50	16.96	16.96	166.	0.	0.00	0.01	16.96	16.96	459.	0.	0.01	0.03
3411	50	16.96	16.96	64.	0.	0.00	0.00	16.96	16.96	194.	0.	0.00	0.01
3412	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3413	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3414	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3415	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3416	50	16.96	16.96	39.	0.	0.00	0.00	16.96	16.96	31.	0.	0.00	0.00
3417	50	16.96	16.96	55.	0.	0.00	0.00	16.96	16.96	75.	0.	0.00	0.00
3418	50	16.96	16.96	39.	0.	0.00	0.00	16.96	16.96	118.	0.	0.00	0.01
3419	50	16.96	16.96	59.	0.	0.00	0.00	16.96	16.96	235.	0.	0.01	0.02
3420	50	16.96	16.96	167.	0.	0.00	0.01	16.96	16.96	356.	0.	0.01	0.02
3421	50	16.96	16.96	182.	0.	0.00	0.01	16.96	16.96	107.	0.	0.00	0.01
3422	50	16.96	16.96	243.	0.	0.01	0.02	16.96	16.96	191.	0.	0.00	0.01
3423	50	16.96	16.96	5064.	0.	0.12	0.33	16.96	16.96	9227.	0.	0.21	0.60
3424	50	16.96	16.96	2612.	0.	0.06	0.17	16.96	16.96	7411.	0.	0.17	0.48
3425	50	16.96	16.96	1440.	0.	0.03	0.09	16.96	16.96	4816.	0.	0.11	0.31
3426	50	16.96	16.96	1280.	0.	0.03	0.08	16.96	16.96	2961.	0.	0.07	0.19
3427	50	16.96	16.96	1273.	0.	0.03	0.08	16.96	16.96	1836.	0.	0.04	0.12
3428	50	16.96	16.96	2379.	0.	0.05	0.15	16.96	16.96	1586.	0.	0.04	0.10
3429	50	16.96	16.96	876.	0.	0.02	0.06	16.96	16.96	0.	0.	0.00	0.00
3430	50	16.96	16.96	415.	0.	0.01	0.03	16.96	16.96	351.	0.	0.01	0.02
3431	50	16.96	16.96	427.	0.	0.01	0.03	16.96	16.96	601.	0.	0.01	0.04
3432	50	16.96	16.96	102.	0.	0.00	0.01	16.96	16.96	438.	0.	0.01	0.03
3433	50	16.96	16.96	66.	0.	0.00	0.00	16.96	16.96	162.	0.	0.00	0.01
3434	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3435	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3436	50	16.96	16.96	32.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3437	50	16.96	16.96	40.	0.	0.00	0.00	16.96	16.96	126.	0.	0.00	0.01
3438	50	16.96	16.96	57.	0.	0.00	0.00	16.96	16.96	223.	0.	0.01	0.01
3439	50	16.96	16.96	202.	0.	0.00	0.01	16.96	16.96	257.	0.	0.01	0.02
3440	50	16.96	16.96	350.	0.	0.01	0.02	16.96	16.96	300.	0.	0.01	0.02
3441	50	16.96	16.96	532.	0.	0.01	0.03	16.96	16.96	358.	0.	0.01	0.02
3442	50	16.96	16.96	571.	0.	0.01	0.04	16.96	16.96	0.	0.	0.00	0.00
3443	50	16.96	16.96	62.	2.	0.00	0.01	16.96	16.96	449.	0.	0.01	0.03
3445	50	16.96	16.96	2304.	0.	0.05	0.15	16.96	16.96	1541.	0.	0.04	0.10
3446	50	16.96	16.96	321.	0.	0.01	0.02	16.96	16.96	287.	0.	0.01	0.02
3447	50	16.96	16.96	114.	0.	0.00	0.01	16.96	16.96	758.	0.	0.02	0.05
3448	50	16.96	16.96	362.	0.	0.01	0.02	16.96	16.96	741.	0.	0.02	0.05
3449	50	16.96	16.96	354.	0.	0.01	0.02	16.96	16.96	752.	0.	0.02	0.05
3450	50	16.96	16.96	97.	0.	0.00	0.01	16.96	16.96	416.	0.	0.01	0.03
3451	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	118.	0.	0.00	0.01
3452	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3453	50	16.96	16.96	52.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3454	50	16.96	16.96	53.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3455	50	16.96	16.96	18.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3456	50	16.96	16.96	57.	0.	0.00	0.00	16.96	16.96	107.	0.	0.00	0.01
3457	50	16.96	16.96	85.	0.	0.00	0.01	16.96	16.96	193.	0.	0.00	0.01
3458	50	16.96	16.96	123.	0.	0.00	0.01	16.96	16.96	54.	0.	0.00	0.00
3459	50	16.96	16.96	121.	0.	0.00	0.01	16.96	16.96	134.	0.	0.00	0.01
3460	50	16.96	16.96	3853.	0.	0.09	0.25	16.96	16.96	7937.	0.	0.18	0.52
3461	50	16.96	16.96	2257.	0.	0.05	0.15	16.96	16.96	6811.	0.	0.16	0.44
3462	50	16.96	16.96	1956.	0.	0.04	0.13	16.96	16.96	5173.	0.	0.12	0.34
3463	50	16.96	16.96	1646.	0.	0.04	0.11	16.96	16.96	3710.	0.	0.08	0.24
3464	50	16.96	16.96	1365.	0.	0.03	0.09	16.96	16.96	1746.	0.	0.04	0.11
3465	50	16.96	16.96	2294.	0.	0.05	0.15	16.96	16.96	1411.	0.	0.03	0.09
3466	50	16.96	16.96	955.	0.	0.02	0.06	16.96	16.96	847.	0.	0.02	0.05
3467	50	16.96	16.96	615.	0.	0.01	0.04	16.96	16.96	592.	0.	0.01	0.04
3468	50	16.96	16.96	710.	0.	0.02	0.05	16.96	16.96	936.	0.	0.02	0.06
3469	50	16.96	16.96	112.	0.	0.00	0.01	16.96	16.96	759.	0.	0.02	0.05
3470	50	16.96	16.96	144.	0.	0.00	0.01	16.96	16.96	362.	0.	0.01	0.02
3471	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	62.	0.	0.00	0.00
3472	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3473	50	16.96	16.96	18.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3474	50	16.96	16.96	43.	0.	0.00	0.00	16.96	16.96	72.	0.	0.00	0.00
3475	50	16.96	16.96	215.	0.	0.00	0.01	16.96	16.96	262.	0.	0.01	0.02
3476	50	16.96	16.96	414.	0.	0.01	0.03	16.96	16.96	438.	0.	0.01	0.03
3477	50	16.96	16.96	535.	0.	0.01	0.03	16.96	16.96	458.	0.	0.01	0.03
3478	50	16.96	16.96	163.	0.	0.00	0.01	16.96	16.96	166.	0.	0.00	0.01
3479	50	16.96	16.96	135.	0.	0.00	0.01	16.96	16.96	1032.	0.	0.02	0.07
3480	50	16.96	16.96	2088.	0.	0.05	0.14	16.96	16.96	1621.	0.	0.04	0.11
3481	50	16.96	16.96	557.	0.	0.01	0.04	16.96	16.96	266.	0.	0.01	0.02
3482	50	16.96	16.96	197.	0.	0.00	0.01	16.96	16.96	1594.	0.	0.04	0.10
3483	50	16.96	16.96	420.	0.	0.01	0.03	16.96	16.96	1559.	0.	0.04	0.10
3484	50	16.96	16.96	377.	0.	0.01	0.02	16.96	16.96	1573.	0.	0.04	0.10
3485	50	16.96	16.96	178.	0.	0.00	0.01	16.96	16.96	749.	0.	0.02	0.05
3486	50	16.96	16.96	86.	0.	0.00	0.01	16.96	16.96	277.	0.	0.01	0.02
3487	50	16.96	16.96	15.	0.	0.00	0.00	16.96	16.96	20.	0.	0.00	0.00
3488	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3489	50	16.96	16.96	52.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3490	50	16.96	16.96	44.	0.	0.00	0.00	16.96	16.96	47.	0.	0.00	0.00
3491	50	16.96	16.96	72.	0.	0.00	0.00	16.96	16.96	57.	0.	0.00	0.00
3492	50	16.96	16.96	71.	0.	0.00	0.00	16.96	16.96	18.	0.	0.00	0.00

3493	50	16.96	16.96	34.	0.	0.00	0.00	16.96	16.96	44.	0.	0.00	0.00
3494	50	16.96	16.96	3545.	0.	0.08	0.23	16.96	16.96	2088.	0.	0.05	0.14
3495	50	16.96	16.96	1481.	0.	0.03	0.10	16.96	16.96	3055.	0.	0.07	0.20
3496	50	16.96	16.96	1990.	0.	0.05	0.13	16.96	16.96	3112.	0.	0.07	0.20
3497	50	16.96	16.96	1955.	0.	0.04	0.13	16.96	16.96	2687.	0.	0.06	0.17
3498	50	16.96	16.96	855.	0.	0.02	0.06	16.96	16.96	2280.	0.	0.05	0.15
3499	50	16.96	16.96	1529.	0.	0.04	0.10	16.96	16.96	1436.	0.	0.03	0.09
3500	50	16.96	16.96	1163.	0.	0.03	0.08	16.96	16.96	1341.	0.	0.03	0.09
3501	50	16.96	16.96	881.	0.	0.02	0.06	16.96	16.96	488.	0.	0.01	0.03
3502	50	16.96	16.96	992.	0.	0.02	0.06	16.96	16.96	987.	0.	0.02	0.06
3503	50	16.96	16.96	199.	0.	0.00	0.01	16.96	16.96	1599.	0.	0.04	0.10
3504	50	16.96	16.96	292.	0.	0.01	0.02	16.96	16.96	640.	0.	0.01	0.04
3505	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	193.	0.	0.00	0.01
3506	50	16.96	16.96	16.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3507	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3508	50	16.96	16.96	54.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3509	50	16.96	16.96	86.	0.	0.00	0.01	16.96	16.96	131.	0.	0.00	0.01
3510	50	16.96	16.96	275.	0.	0.01	0.02	16.96	16.96	389.	0.	0.01	0.03
3511	50	16.96	16.96	430.	0.	0.01	0.03	16.96	16.96	601.	0.	0.01	0.04
3512	50	16.96	16.96	110.	0.	0.00	0.01	16.96	16.96	562.	0.	0.01	0.04
3513	50	16.96	16.96	52.	1.	0.00	0.00	16.96	16.96	565.	0.	0.01	0.04
3514	50	16.96	16.96	1685.	0.	0.04	0.11	16.96	16.96	628.	0.	0.01	0.04
3515	50	16.96	16.96	730.	0.	0.02	0.05	16.96	16.96	652.	0.	0.01	0.04
3516	50	16.96	16.96	233.	0.	0.01	0.02	16.96	16.96	2029.	0.	0.05	0.13
3517	50	16.96	16.96	298.	0.	0.01	0.02	16.96	16.96	2502.	0.	0.06	0.16
3518	50	16.96	16.96	367.	0.	0.01	0.02	16.96	16.96	2526.	0.	0.06	0.16
3519	50	16.96	16.96	347.	0.	0.01	0.02	16.96	16.96	1273.	0.	0.03	0.08
3520	50	16.96	16.96	305.	0.	0.01	0.02	16.96	16.96	462.	0.	0.01	0.03
3521	50	16.96	16.96	81.	0.	0.00	0.01	16.96	16.96	96.	0.	0.00	0.01
3522	50	16.96	16.96	17.	0.	0.00	0.00	16.96	16.96	8.	0.	0.00	0.00
3523	50	16.96	16.96	21.	0.	0.00	0.00	16.96	16.96	35.	0.	0.00	0.00
3524	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	6.	0.	0.00	0.00
3525	50	16.96	16.96	4.	0.	0.00	0.00	16.96	16.96	17.	0.	0.00	0.00
3526	50	16.96	16.96	36.	0.	0.00	0.00	16.96	16.96	29.	0.	0.00	0.00
3527	50	16.96	16.96	22.	0.	0.00	0.00	16.96	16.96	16.	0.	0.00	0.00
3528	50	16.96	16.96	32.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3529	50	16.96	16.96	10.	0.	0.00	0.00	16.96	16.96	21.	0.	0.00	0.00
3530	50	16.96	16.96	4268.	1.	0.10	0.28	16.96	16.96	4165.	-1.	0.10	0.27
3531	50	16.96	16.96	1860.	0.	0.04	0.12	16.96	16.96	3680.	0.	0.08	0.24
3532	50	16.96	16.96	1117.	0.	0.03	0.07	16.96	16.96	2871.	0.	0.07	0.19
3533	50	16.96	16.96	1871.	0.	0.04	0.12	16.96	16.96	1055.	0.	0.02	0.07
3534	50	16.96	16.96	869.	0.	0.02	0.06	16.96	16.96	2083.	0.	0.05	0.14
3535	50	16.96	16.96	1774.	0.	0.04	0.12	16.96	16.96	2326.	0.	0.05	0.15
3536	50	16.96	16.96	1518.	0.	0.03	0.10	16.96	16.96	1948.	0.	0.04	0.13
3537	50	16.96	16.96	1134.	0.	0.03	0.07	16.96	16.96	500.	0.	0.01	0.03
3538	50	16.96	16.96	1104.	0.	0.03	0.07	16.96	16.96	550.	0.	0.01	0.04
3539	50	16.96	16.96	1334.	0.	0.03	0.09	16.96	16.96	806.	0.	0.02	0.05
3540	50	16.96	16.96	259.	0.	0.01	0.02	16.96	16.96	2074.	0.	0.05	0.13
3541	50	16.96	16.96	527.	0.	0.01	0.03	16.96	16.96	1007.	0.	0.02	0.07
3542	50	16.96	16.96	125.	0.	0.00	0.01	16.96	16.96	303.	0.	0.01	0.02
3543	50	16.96	16.96	67.	0.	0.00	0.00	16.96	16.96	26.	0.	0.00	0.00
3544	50	16.96	16.96	13.	0.	0.00	0.00	16.96	16.96	81.	0.	0.00	0.01
3545	50	16.96	16.96	67.	0.	0.00	0.00	16.96	16.96	53.	0.	0.00	0.00
3546	50	16.96	16.96	75.	0.	0.00	0.00	16.96	16.96	75.	0.	0.00	0.00
3547	50	16.96	16.96	1.	0.	0.00	0.00	16.96	16.96	64.	0.	0.00	0.00
3548	50	16.96	16.96	153.	0.	0.00	0.01	16.96	16.96	248.	0.	0.01	0.02
3549	50	16.96	16.96	283.	0.	0.01	0.02	16.96	16.96	554.	0.	0.01	0.04
3550	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	753.	0.	0.02	0.05
3551	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	560.	0.	0.01	0.04
3552	50	16.96	16.96	98.	0.	0.00	0.01	16.96	16.96	948.	0.	0.02	0.06
3553	50	16.96	16.96	999.	0.	0.02	0.06	16.96	16.96	1227.	0.	0.03	0.08
3554	50	16.96	16.96	886.	0.	0.02	0.06	16.96	16.96	268.	0.	0.01	0.02
3555	50	16.96	16.96	987.	0.	0.02	0.06	16.96	16.96	1093.	0.	0.03	0.07
3556	50	16.96	16.96	224.	0.	0.01	0.01	16.96	16.96	1610.	0.	0.04	0.10
3557	50	16.96	16.96	129.	0.	0.00	0.01	16.96	16.96	1280.	0.	0.03	0.08
3558	50	16.96	16.96	181.	0.	0.00	0.01	16.96	16.96	1296.	0.	0.03	0.08
3559	50	16.96	16.96	591.	0.	0.01	0.04	16.96	16.96	1684.	0.	0.04	0.11
3560	50	16.96	16.96	561.	0.	0.01	0.04	16.96	16.96	693.	0.	0.02	0.04
3561	50	16.96	16.96	181.	0.	0.00	0.01	16.96	16.96	140.	0.	0.00	0.01
3562	50	16.96	16.96	66.	0.	0.00	0.00	16.96	16.96	49.	0.	0.00	0.00
3563	50	16.96	16.96	79.	0.	0.00	0.01	16.96	16.96	108.	0.	0.00	0.01
3564	50	16.96	16.96	50.	0.	0.00	0.00	16.96	16.96	172.	0.	0.00	0.01
3565	50	16.96	16.96	38.	0.	0.00	0.00	16.96	16.96	123.	0.	0.00	0.01
3566	50	16.96	16.96	56.	0.	0.00	0.00	16.96	16.96	152.	0.	0.00	0.01
3567	50	16.96	16.96	55.	0.	0.00	0.00	16.96	16.96	172.	0.	0.00	0.01
3568	50	16.96	16.96	33.	0.	0.00	0.00	16.96	16.96	65.	0.	0.00	0.00
3569	50	16.96	16.96	37.	0.	0.00	0.00	16.96	16.96	63.	0.	0.00	0.00
3570	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3571	50	16.96	16.96	8.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3572	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3573	50	16.96	16.96	1935.	0.	0.04	0.13	16.96	16.96	4098.	0.	0.09	0.27
3574	50	16.96	16.96	1118.	0.	0.03	0.07	16.96	16.96	3169.	0.	0.07	0.21
3575	50	16.96	16.96	1793.	0.	0.04	0.12	16.96	16.96	2418.	0.	0.06	0.16
3576	50	16.96	16.96	788.	0.	0.02	0.05	16.96	16.96	1387.	0.	0.03	0.09
3577	50	16.96	16.96	1775.	0.	0.04	0.12	16.96	16.96	941.	0.	0.02	0.06
3578	50	16.96	16.96	1702.	0.	0.04	0.11	16.96	16.96	1349.	0.	0.03	0.09
3579	50	16.96	16.96	921.	0.	0.02	0.06	16.96	16.96	713.	0.	0.02	0.05
3580	50	16.96	16.96	1343.	0.	0.03	0.09	16.96	16.96	190.	0.	0.00	0.01
3581	50	16.96	16.96	76.	0.	0.00	0.00	16.96	16.96	1096.	0.	0.03	0.07
3582	50	16.96	16.96	277.	0.	0.01	0.02	16.96	16.96	1641.	0.	0.04	0.11
3583	50	16.96	16.96	839.	0.	0.02	0.05	16.96	16.96	1296.	0.	0.03	0.08
3584	50	16.96	16.96	301.	0.	0.01	0.02	16.96	16.96	321.	0.	0.01	0.02
3585	50	16.96	16.96	151.	0.	0.00	0.01	16.96	16.96	39.	0.	0.00	0.00
3586	50	16.96	16.96	131.	0.	0.00	0.01	16.96	16.96	245.	0.	0.01	0.02
3587	50	16.96	16.96	85.	0.	0.00	0.01	16.96	16.96	210.	0.	0.00	0.01

3588	50	16.96	16.96	82.	0.	0.00	0.01	16.96	16.96	219.	0.	0.01	0.01
3589	50	16.96	16.96	77.	0.	0.00	0.01	16.96	16.96	74.	0.	0.00	0.00
3590	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3591	50	16.96	16.96	68.	0.	0.00	0.00	16.96	16.96	129.	0.	0.00	0.01
3592	50	16.96	16.96	153.	0.	0.00	0.01	16.96	16.96	347.	0.	0.01	0.02
3593	50	16.96	16.96	10.	0.	0.00	0.00	16.96	16.96	852.	0.	0.02	0.06
3594	50	16.96	16.96	111.	0.	0.00	0.01	16.96	16.96	862.	0.	0.02	0.06
3595	50	16.96	16.96	131.	0.	0.00	0.01	16.96	16.96	487.	0.	0.01	0.03
3596	50	16.96	16.96	845.	0.	0.02	0.05	16.96	16.96	925.	0.	0.02	0.06
3597	50	16.96	16.96	1687.	0.	0.04	0.11	16.96	16.96	211.	0.	0.00	0.01
3598	50	16.96	16.96	991.	0.	0.02	0.06	16.96	16.96	580.	0.	0.01	0.04
3599	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	1217.	0.	0.03	0.08
3600	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	629.	0.	0.01	0.04
				SUPERIORE ORIZZONTALE						SUPERIORE VERTICALE			
GUSCI	spess	Af	Afc	Mom	Nor	epsC	epsF	Af	Afc	Mom	Nor	epsC	epsF
2651	50	16.96	16.96	1194.	1.	0.04	0.12	16.96	16.96	1976.	0.	0.06	0.18
2652	50	16.96	16.96	1265.	0.	0.04	0.11	16.96	16.96	1822.	0.	0.05	0.15
2653	50	16.96	16.96	476.	0.	0.01	0.03	16.96	16.96	1461.	0.	0.04	0.12
2654	50	16.96	16.96	83.	0.	0.00	0.01	16.96	16.96	1006.	0.	0.03	0.08
2655	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	580.	0.	0.02	0.05
2656	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	238.	0.	0.01	0.02
2657	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	47.	0.	0.00	0.00
2658	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	65.	0.	0.00	0.00
2659	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	252.	0.	0.01	0.02
2675	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	625.	0.	0.02	0.05
2676	50	16.96	16.96	283.	0.	0.01	0.03	16.96	16.96	838.	0.	0.02	0.07
2698	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	29.	0.	0.00	0.00
2699	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	193.	0.	0.00	0.01
2700	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	552.	0.	0.02	0.04
2701	50	16.96	16.96	1064.	0.	0.03	0.08	16.96	16.96	933.	0.	0.03	0.08
2719	50	16.96	16.96	119.	0.	0.01	0.02	16.96	16.96	1147.	0.	0.03	0.09
2720	50	16.96	16.96	753.	0.	0.02	0.06	16.96	16.96	1526.	0.	0.04	0.12
2721	50	16.96	16.96	1821.	0.	0.05	0.13	16.96	16.96	708.	0.	0.03	0.08
2722	50	16.96	16.96	2166.	0.	0.06	0.18	16.96	16.96	249.	0.	0.02	0.06
2723	50	16.96	16.96	2163.	0.	0.06	0.18	16.96	16.96	238.	0.	0.02	0.06
2742	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2743	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2744	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2745	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2746	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	32.	0.	0.00	0.00
2747	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	263.	0.	0.01	0.02
2748	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	955.	0.	0.03	0.07
2749	50	16.96	16.96	1870.	0.	0.05	0.13	16.96	16.96	1682.	0.	0.05	0.15
2750	50	16.96	16.96	1836.	0.	0.05	0.13	16.96	16.96	718.	0.	0.03	0.08
2768	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2769	50	16.96	16.96	302.	0.	0.01	0.02	16.96	16.96	1842.	0.	0.05	0.15
2770	50	16.96	16.96	1345.	0.	0.04	0.10	16.96	16.96	2802.	3.	0.09	0.30
2771	50	16.96	16.96	2965.	1.	0.08	0.23	16.96	16.96	1411.	0.	0.06	0.16
2772	50	16.96	16.96	2985.	1.	0.08	0.23	16.96	16.96	1393.	0.	0.06	0.16
2773	50	16.96	16.96	1077.	0.	0.03	0.08	16.96	16.96	938.	0.	0.03	0.08
2787	50	16.96	16.96	764.	3.	0.02	0.05	16.96	16.96	2362.	0.	0.05	0.15
2788	50	16.96	16.96	1578.	1.	0.03	0.10	16.96	16.96	2018.	0.	0.05	0.13
2789	50	16.96	16.96	927.	0.	0.02	0.06	16.96	16.96	1425.	0.	0.04	0.10
2790	50	16.96	16.96	13.	0.	0.00	0.01	16.96	16.96	870.	0.	0.02	0.07
2791	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2792	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2793	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	29.	0.	0.01	0.02
2794	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	636.	0.	0.03	0.08
2795	50	16.96	16.96	3225.	1.	0.09	0.26	16.96	16.96	3669.	7.	0.12	0.38
2796	50	16.96	16.96	1893.	0.	0.05	0.13	16.96	16.96	1700.	0.	0.05	0.15
2797	50	16.96	16.96	284.	0.	0.01	0.02	16.96	16.96	838.	0.	0.02	0.07
2814	50	16.96	16.96	304.	0.	0.02	0.04	16.96	16.96	1746.	0.	0.05	0.15
2815	50	16.96	16.96	1449.	0.	0.04	0.12	16.96	16.96	3093.	5.	0.08	0.27
2816	50	16.96	16.96	3648.	3.	0.10	0.29	16.96	16.96	3608.	7.	0.12	0.37
2817	50	16.96	16.96	625.	0.	0.02	0.06	16.96	16.96	1528.	0.	0.04	0.12
2818	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	627.	0.	0.02	0.05
2831	50	16.96	16.96	222.	0.	0.00	0.01	16.96	16.96	1276.	0.	0.03	0.08
2832	50	16.96	16.96	573.	0.	0.01	0.04	16.96	16.96	1212.	0.	0.03	0.08
2833	50	16.96	16.96	673.	0.	0.02	0.04	16.96	16.96	851.	0.	0.02	0.06
2834	50	16.96	16.96	264.	0.	0.01	0.02	16.96	16.96	476.	0.	0.01	0.04
2835	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2836	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	75.	0.	0.00	0.01
2837	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	399.	0.	0.02	0.04
2838	50	16.96	16.96	41.	0.	0.01	0.02	16.96	16.96	1093.	0.	0.03	0.08
2839	50	16.96	16.96	3881.	2.	0.09	0.27	16.96	16.96	5041.	9.	0.11	0.34
2840	50	16.96	16.96	1392.	0.	0.04	0.11	16.96	16.96	2847.	3.	0.09	0.29
2841	50	16.96	16.96	83.	0.	0.00	0.01	16.96	16.96	1152.	0.	0.03	0.09
2842	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	253.	0.	0.01	0.02
2858	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	93.	0.	0.00	0.01
2859	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2860	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2861	50	16.96	16.96	762.	0.	0.03	0.07	16.96	16.96	1578.	0.	0.04	0.11
2862	50	16.96	16.96	1850.	0.	0.05	0.13	16.96	16.96	2062.	0.	0.05	0.13
2863	50	16.96	16.96	3896.	4.	0.10	0.28	16.96	16.96	5048.	9.	0.10	0.34
2864	50	16.96	16.96	183.	0.	0.01	0.03	16.96	16.96	1859.	0.	0.05	0.15
2865	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	559.	0.	0.02	0.05
2866	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	52.	0.	0.00	0.00
2877	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2878	50	16.96	16.96	174.	0.	0.00	0.01	16.96	16.96	0.	0.	0.00	0.00
2879	50	16.96	16.96	354.	0.	0.01	0.02	16.96	16.96	0.	0.	0.00	0.00
2880	50	16.96	16.96	304.	0.	0.01	0.02	16.96	16.96	0.	0.	0.00	0.00
2881	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	12.	0.	0.00	0.00
2882	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	166.	0.	0.01	0.02
2883	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	535.	0.	0.02	0.04
2884	50	16.96	16.96	252.	0.	0.01	0.03	16.96	16.96	880.	0.	0.02	0.06

2885	50	16.96	16.96	3396.	2.	0.08	0.22	16.96	16.96	2115.	0.	0.05	0.14
2886	50	16.96	16.96	1463.	0.	0.04	0.13	16.96	16.96	3171.	5.	0.08	0.27
2887	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	974.	0.	0.03	0.07
2888	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	193.	0.	0.00	0.01
2889	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2905	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	3.	0.	0.00	0.00
2906	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2907	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2908	50	16.96	16.96	985.	0.	0.03	0.07	16.96	16.96	1056.	0.	0.02	0.07
2909	50	16.96	16.96	1703.	0.	0.04	0.11	16.96	16.96	1102.	0.	0.03	0.07
2910	50	16.96	16.96	3418.	3.	0.07	0.23	16.96	16.96	2065.	0.	0.05	0.13
2911	50	16.96	16.96	311.	0.	0.01	0.04	16.96	16.96	1767.	0.	0.05	0.15
2912	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	275.	0.	0.01	0.02
2913	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	30.	0.	0.00	0.00
2914	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2923	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2924	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2925	50	16.96	16.96	76.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2926	50	16.96	16.96	153.	0.	0.00	0.01	16.96	16.96	0.	0.	0.00	0.00
2927	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	202.	0.	0.01	0.02
2928	50	16.96	16.96	58.	0.	0.00	0.01	16.96	16.96	421.	0.	0.01	0.03
2929	50	16.96	16.96	433.	0.	0.01	0.04	16.96	16.96	289.	0.	0.01	0.02
2930	50	16.96	16.96	2104.	0.	0.05	0.14	16.96	16.96	760.	0.	0.02	0.05
2931	50	16.96	16.96	1873.	0.	0.05	0.13	16.96	16.96	2046.	0.	0.05	0.13
2932	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	670.	0.	0.03	0.08
2933	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	44.	0.	0.00	0.00
2934	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2935	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	40.	0.	0.00	0.00
2936	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	217.	0.	0.01	0.02
2950	50	16.96	16.96	91.	0.	0.00	0.01	16.96	16.96	51.	0.	0.00	0.01
2951	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	18.	0.	0.00	0.00
2952	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2953	50	16.96	16.96	912.	0.	0.02	0.06	16.96	16.96	90.	0.	0.00	0.01
2954	50	16.96	16.96	1248.	0.	0.03	0.08	16.96	16.96	0.	0.	0.00	0.00
2955	50	16.96	16.96	2105.	0.	0.05	0.14	16.96	16.96	728.	0.	0.02	0.05
2956	50	16.96	16.96	772.	0.	0.03	0.07	16.96	16.96	1586.	0.	0.04	0.11
2957	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	55.	0.	0.01	0.02
2958	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2959	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2960	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	23.	0.	0.00	0.00
2961	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	532.	0.	0.01	0.04
2962	50	16.96	16.96	150.	0.	0.01	0.01	16.96	16.96	514.	0.	0.02	0.06
2963	50	16.96	16.96	912.	0.	0.02	0.07	16.96	16.96	369.	0.	0.02	0.07
2968	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2969	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2970	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2971	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2972	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2973	50	16.96	16.96	28.	0.	0.00	0.01	16.96	16.96	129.	0.	0.00	0.01
2974	50	16.96	16.96	109.	0.	0.00	0.01	16.96	16.96	112.	0.	0.00	0.01
2975	50	16.96	16.96	429.	0.	0.01	0.03	16.96	16.96	35.	0.	0.00	0.00
2976	50	16.96	16.96	951.	0.	0.02	0.06	16.96	16.96	0.	0.	0.00	0.00
2977	50	16.96	16.96	1722.	0.	0.04	0.11	16.96	16.96	1082.	0.	0.02	0.07
2978	50	16.96	16.96	105.	0.	0.01	0.02	16.96	16.96	1100.	0.	0.03	0.08
2979	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2980	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
2981	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	161.	0.	0.00	0.01
2982	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	472.	0.	0.01	0.04
2983	50	16.96	16.96	1566.	0.	0.04	0.11	16.96	16.96	148.	0.	0.03	0.07
2984	50	16.96	16.96	1865.	0.	0.05	0.15	16.96	16.96	0.	0.	0.02	0.05
2985	50	16.96	16.96	1863.	0.	0.05	0.15	16.96	16.96	0.	0.	0.02	0.05
2996	50	16.96	16.96	123.	0.	0.00	0.01	16.96	16.96	74.	0.	0.00	0.00
2997	50	16.96	16.96	29.	0.	0.00	0.00	16.96	16.96	64.	0.	0.00	0.00
2998	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	10.	0.	0.00	0.00
2999	50	16.96	16.96	687.	0.	0.02	0.04	16.96	16.96	0.	0.	0.00	0.00
3000	50	16.96	16.96	586.	0.	0.01	0.04	16.96	16.96	0.	0.	0.00	0.00
3001	50	16.96	16.96	953.	0.	0.02	0.06	16.96	16.96	0.	0.	0.00	0.00
3002	50	16.96	16.96	1000.	0.	0.03	0.07	16.96	16.96	1053.	0.	0.02	0.07
3003	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	411.	0.	0.02	0.04
3004	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3005	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3006	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3007	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	28.	0.	0.00	0.00
3008	50	16.96	16.96	53.	0.	0.00	0.01	16.96	16.96	980.	0.	0.03	0.08
3009	50	16.96	16.96	525.	0.	0.02	0.05	16.96	16.96	1314.	0.	0.04	0.11
3010	50	16.96	16.96	1599.	0.	0.04	0.11	16.96	16.96	1449.	0.	0.05	0.13
3011	50	16.96	16.96	1553.	0.	0.04	0.11	16.96	16.96	162.	0.	0.02	0.07
3015	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3016	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3017	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3018	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3019	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	5.	0.	0.00	0.00
3020	50	16.96	16.96	99.	0.	0.00	0.01	16.96	16.96	33.	0.	0.00	0.00
3021	50	16.96	16.96	311.	0.	0.01	0.02	16.96	16.96	0.	0.	0.00	0.00
3022	50	16.96	16.96	155.	0.	0.01	0.01	16.96	16.96	0.	0.	0.00	0.00
3023	50	16.96	16.96	1258.	0.	0.03	0.08	16.96	16.96	0.	0.	0.00	0.00
3024	50	16.96	16.96	332.	0.	0.01	0.04	16.96	16.96	882.	0.	0.02	0.06
3025	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	78.	0.	0.00	0.01
3026	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3027	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	220.	0.	0.01	0.01
3028	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	815.	0.	0.02	0.06
3029	50	16.96	16.96	2569.	0.	0.07	0.20	16.96	16.96	1189.	0.	0.05	0.13
3030	50	16.96	16.96	2550.	0.	0.07	0.20	16.96	16.96	1178.	0.	0.05	0.13
3031	50	16.96	16.96	895.	0.	0.02	0.07	16.96	16.96	374.	0.	0.02	0.07
3041	50	16.96	16.96	89.	0.	0.00	0.01	16.96	16.96	0.	0.	0.00	0.00

3042	50	16.96	16.96	45.	0.	0.00	0.00	16.96	16.96	5.	0.	0.00	0.00
3043	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	2.	0.	0.00	0.00
3044	50	16.96	16.96	282.	0.	0.01	0.02	16.96	16.96	0.	0.	0.00	0.00
3045	50	16.96	16.96	146.	0.	0.00	0.01	16.96	16.96	0.	0.	0.00	0.00
3046	50	16.96	16.96	164.	0.	0.01	0.01	16.96	16.96	0.	0.	0.00	0.00
3047	50	16.96	16.96	926.	0.	0.02	0.06	16.96	16.96	112.	0.	0.00	0.01
3048	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	553.	0.	0.02	0.04
3049	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3050	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3051	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3052	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3053	50	16.96	16.96	185.	0.	0.01	0.02	16.96	16.96	1577.	0.	0.04	0.13
3054	50	16.96	16.96	1149.	0.	0.03	0.09	16.96	16.96	2392.	2.	0.08	0.25
3055	50	16.96	16.96	3105.	1.	0.08	0.23	16.96	16.96	2890.	6.	0.10	0.31
3056	50	16.96	16.96	1581.	0.	0.04	0.11	16.96	16.96	1443.	0.	0.04	0.13
3057	50	16.96	16.96	132.	0.	0.01	0.01	16.96	16.96	515.	0.	0.02	0.06
3060	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3061	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3062	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3063	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3064	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3065	50	16.96	16.96	78.	0.	0.00	0.01	16.96	16.96	0.	0.	0.00	0.00
3066	50	16.96	16.96	110.	0.	0.00	0.01	16.96	16.96	0.	0.	0.00	0.00
3067	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3068	50	16.96	16.96	608.	0.	0.01	0.04	16.96	16.96	0.	0.	0.00	0.00
3069	50	16.96	16.96	472.	0.	0.01	0.04	16.96	16.96	291.	0.	0.01	0.02
3070	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	147.	0.	0.01	0.02
3071	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3072	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	19.	0.	0.01	0.01
3073	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	551.	0.	0.02	0.07
3074	50	16.96	16.96	2727.	1.	0.08	0.22	16.96	16.96	2992.	6.	0.10	0.31
3075	50	16.96	16.96	527.	0.	0.01	0.04	16.96	16.96	1312.	0.	0.04	0.11
3076	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	536.	0.	0.01	0.04
3085	50	16.96	16.96	41.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3086	50	16.96	16.96	38.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3087	50	16.96	16.96	4.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3088	50	16.96	16.96	24.	0.	0.00	0.00	16.96	16.96	8.	0.	0.00	0.00
3089	50	16.96	16.96	60.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3090	50	16.96	16.96	12.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3091	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3092	50	16.96	16.96	697.	0.	0.02	0.05	16.96	16.96	0.	0.	0.00	0.00
3093	50	16.96	16.96	55.	0.	0.00	0.01	16.96	16.96	421.	0.	0.01	0.03
3094	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3095	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3096	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3097	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	62.	0.	0.00	0.01
3098	50	16.96	16.96	0.	0.	0.01	0.03	16.96	16.96	1502.	0.	0.04	0.13
3099	50	16.96	16.96	1242.	0.	0.04	0.11	16.96	16.96	2523.	4.	0.06	0.21
3100	50	16.96	16.96	3269.	2.	0.08	0.22	16.96	16.96	3949.	7.	0.08	0.27
3101	50	16.96	16.96	1127.	0.	0.03	0.09	16.96	16.96	2345.	3.	0.08	0.24
3102	50	16.96	16.96	27.	0.	0.00	0.00	16.96	16.96	981.	0.	0.03	0.08
3103	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	216.	0.	0.01	0.02
3105	50	16.96	16.96	3.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3106	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3107	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3108	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3109	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3110	50	16.96	16.96	21.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3111	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3112	50	16.96	16.96	122.	0.	0.00	0.01	16.96	16.96	0.	0.	0.00	0.00
3113	50	16.96	16.96	441.	0.	0.01	0.03	16.96	16.96	64.	0.	0.00	0.01
3114	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	200.	0.	0.01	0.02
3115	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3116	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	339.	0.	0.01	0.04
3117	50	16.96	16.96	22.	0.	0.00	0.01	16.96	16.96	919.	0.	0.02	0.07
3118	50	16.96	16.96	3241.	2.	0.08	0.22	16.96	16.96	4065.	7.	0.08	0.27
3119	50	16.96	16.96	206.	0.	0.00	0.01	16.96	16.96	1569.	0.	0.04	0.13
3120	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	474.	0.	0.01	0.04
3121	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	51.	0.	0.00	0.00
3129	50	16.96	16.96	28.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3130	50	16.96	16.96	25.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3131	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3132	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3133	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3134	50	16.96	16.96	285.	0.	0.01	0.02	16.96	16.96	0.	0.	0.00	0.00
3135	50	16.96	16.96	113.	0.	0.00	0.01	16.96	16.96	136.	0.	0.00	0.01
3136	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	27.	0.	0.00	0.01
3137	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3138	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3139	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	121.	0.	0.01	0.02
3140	50	16.96	16.96	313.	0.	0.02	0.05	16.96	16.96	1318.	0.	0.03	0.09
3141	50	16.96	16.96	1584.	0.	0.04	0.11	16.96	16.96	1635.	0.	0.04	0.11
3142	50	16.96	16.96	2847.	2.	0.06	0.19	16.96	16.96	1599.	0.	0.04	0.10
3143	50	16.96	16.96	1227.	0.	0.04	0.11	16.96	16.96	2459.	4.	0.07	0.23
3144	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	806.	0.	0.02	0.06
3145	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	169.	0.	0.00	0.01
3147	50	16.96	16.96	23.	0.	0.00	0.00	16.96	16.96	73.	0.	0.00	0.01
3148	50	16.96	16.96	15.	0.	0.00	0.00	16.96	16.96	41.	0.	0.00	0.01
3149	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	3.	0.	0.00	0.00
3150	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3151	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3152	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3153	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3154	50	16.96	16.96	320.	0.	0.01	0.02	16.96	16.96	0.	0.	0.00	0.00
3155	50	16.96	16.96	47.	0.	0.00	0.01	16.96	16.96	135.	0.	0.00	0.01

3156	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3157	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	454.	0.	0.01	0.04
3158	50	16.96	16.96	216.	0.	0.01	0.02	16.96	16.96	725.	0.	0.02	0.05
3159	50	16.96	16.96	2825.	2.	0.06	0.19	16.96	16.96	1650.	0.	0.04	0.11
3160	50	16.96	16.96	0.	0.	0.01	0.03	16.96	16.96	1493.	0.	0.04	0.13
3161	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	238.	0.	0.01	0.02
3162	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	31.	0.	0.00	0.00
3170	50	16.96	16.96	43.	0.	0.00	0.00	16.96	16.96	41.	0.	0.00	0.00
3171	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3172	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3173	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3174	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3175	50	16.96	16.96	59.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3176	50	16.96	16.96	105.	0.	0.00	0.01	16.96	16.96	37.	0.	0.00	0.00
3177	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	37.	0.	0.00	0.01
3178	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3179	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	22.	0.	0.00	0.01
3180	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	171.	0.	0.01	0.01
3181	50	16.96	16.96	652.	0.	0.02	0.06	16.96	16.96	724.	0.	0.02	0.05
3182	50	16.96	16.96	1445.	0.	0.03	0.09	16.96	16.96	620.	0.	0.01	0.04
3183	50	16.96	16.96	1736.	0.	0.04	0.11	16.96	16.96	444.	0.	0.01	0.03
3184	50	16.96	16.96	1566.	0.	0.04	0.11	16.96	16.96	1654.	0.	0.04	0.11
3185	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	567.	0.	0.02	0.07
3186	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	43.	0.	0.00	0.00
3187	50	16.96	16.96	59.	0.	0.00	0.00	16.96	16.96	179.	0.	0.00	0.01
3188	50	16.96	16.96	37.	0.	0.00	0.00	16.96	16.96	130.	0.	0.00	0.01
3189	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	26.	0.	0.00	0.00
3190	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3191	50	16.96	16.96	10.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3192	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3193	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3194	50	16.96	16.96	114.	0.	0.00	0.01	16.96	16.96	0.	0.	0.00	0.00
3195	50	16.96	16.96	118.	0.	0.00	0.01	16.96	16.96	75.	0.	0.00	0.01
3196	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3197	50	16.96	16.96	54.	0.	0.00	0.01	16.96	16.96	348.	0.	0.01	0.02
3198	50	16.96	16.96	382.	0.	0.01	0.03	16.96	16.96	235.	0.	0.01	0.02
3199	50	16.96	16.96	1732.	0.	0.04	0.11	16.96	16.96	491.	0.	0.01	0.03
3200	50	16.96	16.96	277.	0.	0.02	0.05	16.96	16.96	1313.	0.	0.03	0.09
3201	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	44.	0.	0.01	0.02
3202	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3210	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	7.	0.	0.00	0.00
3211	50	16.96	16.96	38.	0.	0.00	0.00	16.96	16.96	19.	0.	0.00	0.00
3212	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3213	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3214	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3215	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3216	50	16.96	16.96	85.	0.	0.00	0.01	16.96	16.96	0.	0.	0.00	0.00
3217	50	16.96	16.96	6.	0.	0.00	0.00	16.96	16.96	66.	0.	0.00	0.01
3218	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3219	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	36.	0.	0.00	0.01
3220	50	16.96	16.96	50.	0.	0.00	0.01	16.96	16.96	117.	0.	0.00	0.01
3221	50	16.96	16.96	780.	0.	0.02	0.05	16.96	16.96	29.	0.	0.00	0.00
3222	50	16.96	16.96	1048.	0.	0.02	0.07	16.96	16.96	0.	0.	0.00	0.00
3223	50	16.96	16.96	776.	0.	0.02	0.05	16.96	16.96	0.	0.	0.00	0.00
3224	50	16.96	16.96	1430.	0.	0.03	0.09	16.96	16.96	645.	0.	0.01	0.04
3225	50	16.96	16.96	0.	0.	0.00	0.01	16.96	16.96	918.	0.	0.02	0.07
3226	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3227	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3228	50	16.96	16.96	60.	0.	0.00	0.00	16.96	16.96	53.	0.	0.00	0.00
3229	50	16.96	16.96	18.	0.	0.00	0.00	16.96	16.96	12.	0.	0.00	0.00
3230	50	16.96	16.96	0.	0.	0.00	0.01	16.96	16.96	0.	0.	0.00	0.00
3231	50	16.96	16.96	0.	0.	0.00	0.01	16.96	16.96	0.	0.	0.00	0.00
3232	50	16.96	16.96	3.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3233	50	16.96	16.96	73.	0.	0.00	0.01	16.96	16.96	54.	0.	0.00	0.01
3234	50	16.96	16.96	13.	0.	0.00	0.00	16.96	16.96	62.	0.	0.00	0.01
3235	50	16.96	16.96	45.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3236	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3237	50	16.96	16.96	22.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3238	50	16.96	16.96	117.	0.	0.00	0.01	16.96	16.96	29.	0.	0.00	0.00
3239	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	5.	0.	0.00	0.00
3240	50	16.96	16.96	107.	0.	0.00	0.01	16.96	16.96	106.	0.	0.00	0.01
3241	50	16.96	16.96	376.	0.	0.01	0.03	16.96	16.96	48.	0.	0.00	0.00
3242	50	16.96	16.96	780.	0.	0.02	0.05	16.96	16.96	0.	0.	0.00	0.00
3243	50	16.96	16.96	632.	0.	0.02	0.06	16.96	16.96	728.	0.	0.02	0.05
3244	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	346.	0.	0.01	0.04
3245	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3246	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	52.	0.	0.00	0.00
3253	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	17.	0.	0.00	0.00
3254	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	12.	0.	0.00	0.00
3255	50	16.96	16.96	27.	0.	0.00	0.00	16.96	16.96	3.	0.	0.00	0.00
3256	50	16.96	16.96	42.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3257	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3258	50	16.96	16.96	33.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3259	50	16.96	16.96	32.	0.	0.00	0.00	16.96	16.96	37.	0.	0.00	0.00
3260	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	9.	0.	0.00	0.00
3261	50	16.96	16.96	8.	0.	0.00	0.00	16.96	16.96	61.	0.	0.00	0.01
3262	50	16.96	16.96	118.	0.	0.00	0.01	16.96	16.96	69.	0.	0.00	0.01
3263	50	16.96	16.96	584.	0.	0.01	0.04	16.96	16.96	0.	0.	0.00	0.00
3264	50	16.96	16.96	502.	0.	0.01	0.03	16.96	16.96	0.	0.	0.00	0.00
3265	50	16.96	16.96	118.	0.	0.00	0.01	16.96	16.96	0.	0.	0.00	0.00
3266	50	16.96	16.96	1038.	0.	0.02	0.07	16.96	16.96	0.	0.	0.00	0.00
3267	50	16.96	16.96	192.	0.	0.01	0.02	16.96	16.96	727.	0.	0.02	0.05
3268	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	65.	0.	0.00	0.01
3269	50	16.96	16.96	20.	0.	0.00	0.00	16.96	16.96	885.	0.	0.02	0.07
3270	50	16.96	16.96	0.	0.	0.00	0.01	16.96	16.96	627.	0.	0.02	0.07

3271	50	16.96 16.96	213.	0.	0.01	0.04	16.96 16.96	256.	0.	0.01	0.04
3272	50	16.96 16.96	254.	0.	0.02	0.05	16.96 16.96	0.	0.	0.00	0.01
3273	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	8.	0.	0.00	0.00
3274	50	16.96 16.96	86.	0.	0.00	0.01	16.96 16.96	27.	0.	0.00	0.00
3275	50	16.96 16.96	7.	0.	0.00	0.00	16.96 16.96	53.	0.	0.00	0.00
3276	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	3.	0.	0.00	0.00
3277	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3278	50	16.96 16.96	66.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3279	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	6.	0.	0.00	0.00
3280	50	16.96 16.96	101.	0.	0.00	0.01	16.96 16.96	30.	0.	0.00	0.00
3281	50	16.96 16.96	272.	0.	0.01	0.02	16.96 16.96	0.	0.	0.00	0.00
3282	50	16.96 16.96	125.	0.	0.00	0.01	16.96 16.96	0.	0.	0.00	0.00
3283	50	16.96 16.96	765.	0.	0.02	0.05	16.96 16.96	79.	0.	0.00	0.01
3284	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	460.	0.	0.01	0.04
3285	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3286	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	177.	0.	0.00	0.01
3292	50	16.96 16.96	55.	0.	0.00	0.01	16.96 16.96	1.	0.	0.00	0.01
3293	50	16.96 16.96	0.	0.	0.00	0.01	16.96 16.96	0.	0.	0.00	0.00
3294	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3295	50	16.96 16.96	35.	0.	0.00	0.00	16.96 16.96	20.	0.	0.00	0.00
3296	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3297	50	16.96 16.96	21.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3298	50	16.96 16.96	38.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3299	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	8.	0.	0.00	0.00
3300	50	16.96 16.96	32.	0.	0.00	0.00	16.96 16.96	36.	0.	0.00	0.00
3301	50	16.96 16.96	113.	0.	0.00	0.01	16.96 16.96	28.	0.	0.00	0.00
3302	50	16.96 16.96	240.	0.	0.01	0.02	16.96 16.96	0.	0.	0.00	0.00
3303	50	16.96 16.96	98.	0.	0.00	0.01	16.96 16.96	0.	0.	0.00	0.00
3304	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3305	50	16.96 16.96	498.	0.	0.01	0.03	16.96 16.96	0.	0.	0.00	0.00
3306	50	16.96 16.96	365.	0.	0.01	0.03	16.96 16.96	234.	0.	0.01	0.02
3307	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	122.	0.	0.01	0.02
3308	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	1208.	0.	0.03	0.09
3309	50	16.96 16.96	168.	0.	0.02	0.05	16.96 16.96	1204.	0.	0.03	0.09
3310	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	4.	0.	0.00	0.00
3311	50	16.96 16.96	64.	0.	0.00	0.00	16.96 16.96	10.	0.	0.00	0.00
3312	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3313	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3314	50	16.96 16.96	34.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3315	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3316	50	16.96 16.96	81.	0.	0.00	0.01	16.96 16.96	0.	0.	0.00	0.00
3317	50	16.96 16.96	100.	0.	0.00	0.01	16.96 16.96	0.	0.	0.00	0.00
3318	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3319	50	16.96 16.96	572.	0.	0.01	0.04	16.96 16.96	0.	0.	0.00	0.00
3320	50	16.96 16.96	39.	0.	0.00	0.01	16.96 16.96	350.	0.	0.01	0.02
3321	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3322	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	284.	0.	0.01	0.03
3327	50	16.96 16.96	315.	0.	0.01	0.02	16.96 16.96	69.	0.	0.00	0.01
3328	50	16.96 16.96	208.	0.	0.01	0.04	16.96 16.96	22.	0.	0.00	0.00
3329	50	16.96 16.96	0.	0.	0.00	0.01	16.96 16.96	13.	0.	0.00	0.00
3330	50	16.96 16.96	52.	0.	0.00	0.00	16.96 16.96	1.	0.	0.00	0.00
3331	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	58.	0.	0.00	0.00
3332	50	16.96 16.96	60.	0.	0.00	0.00	16.96 16.96	54.	0.	0.00	0.00
3333	50	16.96 16.96	57.	0.	0.00	0.00	16.96 16.96	45.	0.	0.00	0.00
3334	50	16.96 16.96	38.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3335	50	16.96 16.96	28.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3336	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3337	50	16.96 16.96	38.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3338	50	16.96 16.96	67.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3339	50	16.96 16.96	52.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3340	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3341	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3342	50	16.96 16.96	96.	0.	0.00	0.01	16.96 16.96	0.	0.	0.00	0.00
3343	50	16.96 16.96	360.	0.	0.01	0.02	16.96 16.96	32.	0.	0.00	0.00
3344	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	166.	0.	0.01	0.02
3345	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3346	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	16.	0.	0.00	0.00
3347	50	16.96 16.96	0.	0.	0.01	0.04	16.96 16.96	1387.	0.	0.04	0.10
3348	50	16.96 16.96	1705.	0.	0.05	0.14	16.96 16.96	570.	0.	0.02	0.07
3349	50	16.96 16.96	1200.	0.	0.05	0.13	16.96 16.96	200.	0.	0.02	0.06
3350	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	34.	0.	0.00	0.00
3351	50	16.96 16.96	17.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3352	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3353	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	44.	0.	0.00	0.00
3354	50	16.96 16.96	42.	0.	0.00	0.00	16.96 16.96	1.	0.	0.00	0.00
3355	50	16.96 16.96	1.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3356	50	16.96 16.96	34.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3357	50	16.96 16.96	20.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3358	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3359	50	16.96 16.96	231.	0.	0.01	0.02	16.96 16.96	0.	0.	0.00	0.00
3360	50	16.96 16.96	93.	0.	0.00	0.01	16.96 16.96	93.	0.	0.00	0.01
3361	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	133.	0.	0.01	0.01
3362	50	16.96 16.96	35.	0.	0.00	0.00	16.96 16.96	500.	0.	0.02	0.05
3366	50	16.96 16.96	416.	0.	0.02	0.05	16.96 16.96	341.	0.	0.01	0.03
3367	50	16.96 16.96	716.	0.	0.03	0.08	16.96 16.96	72.	0.	0.01	0.02
3368	50	16.96 16.96	276.	0.	0.02	0.04	16.96 16.96	27.	0.	0.00	0.00
3369	50	16.96 16.96	90.	0.	0.00	0.01	16.96 16.96	28.	0.	0.00	0.00
3370	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3371	50	16.96 16.96	3.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3372	50	16.96 16.96	1.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3373	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	10.	0.	0.00	0.00
3374	50	16.96 16.96	20.	0.	0.00	0.00	16.96 16.96	16.	0.	0.00	0.00
3375	50	16.96 16.96	4.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3376	50	16.96 16.96	29.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3377	50	16.96 16.96	36.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00

3378	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3379	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3380	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3381	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3382	50	16.96 16.96	236.	0.	0.01	0.02	16.96 16.96	0.	0.	0.00	0.00
3383	50	16.96 16.96	17.	0.	0.00	0.00	16.96 16.96	108.	0.	0.00	0.01
3384	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3385	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	40.	0.	0.00	0.01
3386	50	16.96 16.96	1926.	0.	0.05	0.14	16.96 16.96	662.	0.	0.05	0.13
3387	50	16.96 16.96	1065.	0.	0.03	0.09	16.96 16.96	948.	0.	0.02	0.06
3388	50	16.96 16.96	719.	0.	0.02	0.06	16.96 16.96	1185.	0.	0.03	0.08
3389	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	91.	0.	0.00	0.01
3390	50	16.96 16.96	0.	0.	0.00	0.01	16.96 16.96	0.	0.	0.00	0.00
3391	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3392	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3393	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	4.	0.	0.00	0.00
3394	50	16.96 16.96	3.	0.	0.00	0.00	16.96 16.96	24.	0.	0.00	0.00
3395	50	16.96 16.96	23.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3396	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3397	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3398	50	16.96 16.96	46.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3399	50	16.96 16.96	81.	0.	0.00	0.01	16.96 16.96	31.	0.	0.00	0.00
3400	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	175.	0.	0.00	0.01
3401	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	375.	0.	0.01	0.03
3402	50	16.96 16.96	96.	0.	0.00	0.01	16.96 16.96	735.	0.	0.03	0.07
3405	50	16.96 16.96	1364.	0.	0.04	0.10	16.96 16.96	188.	0.	0.02	0.05
3406	50	16.96 16.96	873.	0.	0.03	0.09	16.96 16.96	45.	0.	0.00	0.01
3407	50	16.96 16.96	37.	0.	0.01	0.02	16.96 16.96	80.	0.	0.00	0.01
3408	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3409	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3410	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3411	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3412	50	16.96 16.96	34.	0.	0.00	0.00	16.96 16.96	18.	0.	0.00	0.00
3413	50	16.96 16.96	7.	0.	0.00	0.00	16.96 16.96	26.	0.	0.00	0.00
3414	50	16.96 16.96	21.	0.	0.00	0.00	16.96 16.96	17.	0.	0.00	0.00
3415	50	16.96 16.96	39.	0.	0.00	0.00	16.96 16.96	9.	0.	0.00	0.00
3416	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3417	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3418	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3419	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3420	50	16.96 16.96	77.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3421	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3422	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	57.	0.	0.00	0.00
3423	50	16.96 16.96	5611.	0.	0.14	0.39	16.96 16.96	5817.	0.	0.23	0.65
3424	50	16.96 16.96	3128.	0.	0.07	0.21	16.96 16.96	5222.	0.	0.18	0.52
3425	50	16.96 16.96	1336.	0.	0.03	0.09	16.96 16.96	3309.	0.	0.12	0.34
3426	50	16.96 16.96	447.	0.	0.01	0.04	16.96 16.96	1881.	0.	0.07	0.19
3427	50	16.96 16.96	478.	0.	0.02	0.05	16.96 16.96	836.	0.	0.03	0.10
3428	50	16.96 16.96	1529.	0.	0.04	0.11	16.96 16.96	468.	0.	0.03	0.08
3429	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	34.	0.	0.00	0.00
3430	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	16.	0.	0.00	0.00
3431	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3432	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3433	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3434	50	16.96 16.96	62.	0.	0.00	0.00	16.96 16.96	33.	0.	0.00	0.00
3435	50	16.96 16.96	36.	0.	0.00	0.00	16.96 16.96	2.	0.	0.00	0.00
3436	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3437	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3438	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3439	50	16.96 16.96	65.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3440	50	16.96 16.96	27.	0.	0.00	0.00	16.96 16.96	44.	0.	0.00	0.00
3441	50	16.96 16.96	5.	0.	0.00	0.01	16.96 16.96	159.	0.	0.00	0.01
3442	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	671.	0.	0.02	0.05
3443	50	16.96 16.96	615.	0.	0.02	0.07	16.96 16.96	1068.	0.	0.03	0.09
3445	50	16.96 16.96	1385.	0.	0.04	0.11	16.96 16.96	311.	0.	0.03	0.08
3446	50	16.96 16.96	83.	0.	0.01	0.02	16.96 16.96	0.	0.	0.00	0.00
3447	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3448	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3449	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3450	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3451	50	16.96 16.96	24.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3452	50	16.96 16.96	27.	0.	0.00	0.00	16.96 16.96	43.	0.	0.00	0.00
3453	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3454	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	2.	0.	0.00	0.00
3455	50	16.96 16.96	38.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3456	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3457	50	16.96 16.96	3.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3458	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	16.	0.	0.00	0.00
3459	50	16.96 16.96	53.	0.	0.00	0.01	16.96 16.96	60.	0.	0.00	0.00
3460	50	16.96 16.96	4695.	0.	0.11	0.30	16.96 16.96	8913.	0.	0.20	0.58
3461	50	16.96 16.96	2084.	0.	0.05	0.14	16.96 16.96	6863.	0.	0.16	0.45
3462	50	16.96 16.96	1446.	0.	0.04	0.11	16.96 16.96	4704.	0.	0.12	0.33
3463	50	16.96 16.96	65.	0.	0.02	0.06	16.96 16.96	2665.	0.	0.08	0.23
3464	50	16.96 16.96	955.	0.	0.03	0.09	16.96 16.96	1216.	0.	0.04	0.10
3465	50	16.96 16.96	1755.	0.	0.04	0.11	16.96 16.96	1557.	0.	0.04	0.10
3466	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	66.	0.	0.02	0.05
3467	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3468	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3469	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3470	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3471	50	16.96 16.96	41.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3472	50	16.96 16.96	3.	0.	0.00	0.00	16.96 16.96	38.	0.	0.00	0.00
3473	50	16.96 16.96	35.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3474	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3475	50	16.96 16.96	62.	0.	0.00	0.01	16.96 16.96	45.	0.	0.00	0.00

3476	50	16.96 16.96	110.	0.	0.00	0.01	16.96 16.96	21.	0.	0.00	0.00
3477	50	16.96 16.96	78.	0.	0.00	0.01	16.96 16.96	46.	0.	0.00	0.00
3478	50	16.96 16.96	78.	0.	0.01	0.02	16.96 16.96	991.	0.	0.02	0.07
3479	50	16.96 16.96	744.	1.	0.02	0.05	16.96 16.96	1151.	0.	0.04	0.11
3480	50	16.96 16.96	1362.	0.	0.03	0.09	16.96 16.96	1458.	0.	0.03	0.09
3481	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	65.	0.	0.01	0.02
3482	50	16.96 16.96	0.	0.	0.00	0.01	16.96 16.96	0.	0.	0.00	0.00
3483	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3484	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3485	50	16.96 16.96	0.	0.	0.00	0.01	16.96 16.96	0.	0.	0.00	0.00
3486	50	16.96 16.96	23.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3487	50	16.96 16.96	25.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3488	50	16.96 16.96	9.	0.	0.00	0.00	16.96 16.96	35.	0.	0.00	0.00
3489	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	5.	0.	0.00	0.00
3490	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3491	50	16.96 16.96	14.	0.	0.00	0.00	16.96 16.96	12.	0.	0.00	0.00
3492	50	16.96 16.96	9.	0.	0.00	0.00	16.96 16.96	57.	0.	0.00	0.00
3493	50	16.96 16.96	77.	0.	0.00	0.01	16.96 16.96	71.	0.	0.00	0.00
3494	50	16.96 16.96	2910.	0.	0.07	0.19	16.96 16.96	2602.	0.	0.06	0.17
3495	50	16.96 16.96	1048.	0.	0.04	0.10	16.96 16.96	2936.	0.	0.07	0.19
3496	50	16.96 16.96	448.	0.	0.02	0.05	16.96 16.96	3021.	0.	0.07	0.20
3497	50	16.96 16.96	53.	0.	0.02	0.05	16.96 16.96	2580.	0.	0.06	0.17
3498	50	16.96 16.96	380.	0.	0.03	0.08	16.96 16.96	1475.	0.	0.05	0.14
3499	50	16.96 16.96	904.	0.	0.02	0.06	16.96 16.96	456.	0.	0.03	0.08
3500	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	1129.	0.	0.03	0.08
3501	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	126.	0.	0.00	0.01
3502	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	159.	0.	0.00	0.01
3503	50	16.96 16.96	0.	0.	0.00	0.01	16.96 16.96	0.	0.	0.00	0.00
3504	50	16.96 16.96	27.	0.	0.00	0.01	16.96 16.96	0.	0.	0.00	0.00
3505	50	16.96 16.96	44.	0.	0.00	0.01	16.96 16.96	0.	0.	0.00	0.00
3506	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3507	50	16.96 16.96	22.	0.	0.00	0.00	16.96 16.96	39.	0.	0.00	0.00
3508	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3509	50	16.96 16.96	69.	0.	0.00	0.00	16.96 16.96	44.	0.	0.00	0.00
3510	50	16.96 16.96	138.	0.	0.00	0.01	16.96 16.96	7.	0.	0.00	0.00
3511	50	16.96 16.96	207.	0.	0.01	0.02	16.96 16.96	0.	0.	0.00	0.00
3512	50	16.96 16.96	337.	0.	0.01	0.03	16.96 16.96	152.	0.	0.00	0.01
3513	50	16.96 16.96	890.	1.	0.02	0.06	16.96 16.96	1327.	0.	0.03	0.09
3514	50	16.96 16.96	649.	0.	0.01	0.04	16.96 16.96	303.	0.	0.01	0.02
3515	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	544.	0.	0.02	0.04
3516	50	16.96 16.96	321.	0.	0.02	0.06	16.96 16.96	0.	0.	0.00	0.00
3517	50	16.96 16.96	0.	0.	0.00	0.01	16.96 16.96	0.	0.	0.00	0.00
3518	50	16.96 16.96	0.	0.	0.00	0.01	16.96 16.96	0.	0.	0.00	0.00
3519	50	16.96 16.96	158.	0.	0.01	0.03	16.96 16.96	0.	0.	0.00	0.00
3520	50	16.96 16.96	67.	0.	0.00	0.01	16.96 16.96	0.	0.	0.00	0.00
3521	50	16.96 16.96	44.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3522	50	16.96 16.96	6.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3523	50	16.96 16.96	27.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3524	50	16.96 16.96	55.	0.	0.00	0.00	16.96 16.96	30.	0.	0.00	0.00
3525	50	16.96 16.96	32.	0.	0.00	0.00	16.96 16.96	15.	0.	0.00	0.00
3526	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	9.	0.	0.00	0.00
3527	50	16.96 16.96	20.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3528	50	16.96 16.96	23.	0.	0.00	0.00	16.96 16.96	9.	0.	0.00	0.00
3529	50	16.96 16.96	74.	0.	0.00	0.00	16.96 16.96	6.	0.	0.00	0.00
3530	50	16.96 16.96	3273.	0.	0.09	0.24	16.96 16.96	2366.	0.	0.10	0.29
3531	50	16.96 16.96	1468.	0.	0.05	0.13	16.96 16.96	3184.	0.	0.11	0.30
3532	50	16.96 16.96	1117.	0.	0.04	0.11	16.96 16.96	2889.	0.	0.09	0.24
3533	50	16.96 16.96	289.	0.	0.03	0.08	16.96 16.96	1406.	0.	0.05	0.14
3534	50	16.96 16.96	513.	0.	0.02	0.06	16.96 16.96	862.	0.	0.04	0.10
3535	50	16.96 16.96	828.	0.	0.02	0.06	16.96 16.96	1389.	0.	0.05	0.14
3536	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	624.	0.	0.04	0.10
3537	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3538	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	382.	0.	0.01	0.03
3539	50	16.96 16.96	24.	0.	0.00	0.01	16.96 16.96	509.	0.	0.02	0.05
3540	50	16.96 16.96	328.	0.	0.02	0.06	16.96 16.96	0.	0.	0.00	0.00
3541	50	16.96 16.96	221.	0.	0.01	0.03	16.96 16.96	0.	0.	0.00	0.00
3542	50	16.96 16.96	119.	0.	0.00	0.01	16.96 16.96	3.	0.	0.00	0.00
3543	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3544	50	16.96 16.96	41.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3545	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	15.	0.	0.00	0.00
3546	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	45.	0.	0.00	0.00
3547	50	16.96 16.96	43.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3548	50	16.96 16.96	79.	0.	0.00	0.01	16.96 16.96	0.	0.	0.00	0.00
3549	50	16.96 16.96	162.	0.	0.00	0.01	16.96 16.96	0.	0.	0.00	0.00
3550	50	16.96 16.96	278.	0.	0.01	0.02	16.96 16.96	0.	0.	0.00	0.00
3551	50	16.96 16.96	151.	0.	0.01	0.02	16.96 16.96	340.	0.	0.01	0.02
3552	50	16.96 16.96	184.	2.	0.01	0.02	16.96 16.96	1521.	0.	0.03	0.10
3553	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.01	0.04
3554	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	37.	0.	0.00	0.00
3555	50	16.96 16.96	1468.	0.	0.04	0.11	16.96 16.96	1335.	0.	0.04	0.11
3556	50	16.96 16.96	1188.	0.	0.04	0.12	16.96 16.96	0.	0.	0.01	0.03
3557	50	16.96 16.96	470.	0.	0.03	0.09	16.96 16.96	0.	0.	0.00	0.00
3558	50	16.96 16.96	463.	0.	0.03	0.09	16.96 16.96	0.	0.	0.00	0.00
3559	50	16.96 16.96	624.	0.	0.02	0.07	16.96 16.96	0.	0.	0.00	0.00
3560	50	16.96 16.96	154.	0.	0.01	0.02	16.96 16.96	53.	0.	0.00	0.01
3561	50	16.96 16.96	57.	0.	0.00	0.00	16.96 16.96	22.	0.	0.00	0.00
3562	50	16.96 16.96	1.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3563	50	16.96 16.96	45.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3564	50	16.96 16.96	46.	0.	0.00	0.01	16.96 16.96	0.	0.	0.00	0.00
3565	50	16.96 16.96	25.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3566	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3567	50	16.96 16.96	0.	0.	0.00	0.00	16.96 16.96	0.	0.	0.00	0.00
3568	50	16.96 16.96	48.	0.	0.00	0.00	16.96 16.96	41.	0.	0.00	0.00
3569	50	16.96 16.96	53.	0.	0.00	0.00	16.96 16.96	43.	0.	0.00	0.00
3570	50	16.96 16.96	17.	0.	0.00	0.00	16.96 16.96	1.	0.	0.00	0.00

3571	50	16.96	16.96	25.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3572	50	16.96	16.96	40.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3573	50	16.96	16.96	1996.	0.	0.05	0.13	16.96	16.96	5419.	0.	0.12	0.35
3574	50	16.96	16.96	1315.	0.	0.03	0.09	16.96	16.96	4206.	0.	0.10	0.27
3575	50	16.96	16.96	59.	0.	0.02	0.07	16.96	16.96	2817.	0.	0.06	0.18
3576	50	16.96	16.96	807.	0.	0.02	0.05	16.96	16.96	1308.	0.	0.03	0.08
3577	50	16.96	16.96	750.	0.	0.02	0.05	16.96	16.96	840.	0.	0.02	0.05
3578	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	850.	0.	0.02	0.06
3579	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	51.	0.	0.00	0.01
3580	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	367.	0.	0.01	0.03
3581	50	16.96	16.96	2071.	0.	0.06	0.16	16.96	16.96	1076.	0.	0.04	0.12
3582	50	16.96	16.96	1188.	0.	0.04	0.12	16.96	16.96	0.	0.	0.01	0.03
3583	50	16.96	16.96	522.	0.	0.01	0.04	16.96	16.96	0.	0.	0.00	0.00
3584	50	16.96	16.96	187.	0.	0.00	0.01	16.96	16.96	145.	0.	0.00	0.01
3585	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	7.	0.	0.00	0.00
3586	50	16.96	16.96	25.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3587	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3588	50	16.96	16.96	1.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3589	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	48.	0.	0.00	0.00
3590	50	16.96	16.96	19.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3591	50	16.96	16.96	9.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3592	50	16.96	16.96	29.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3593	50	16.96	16.96	70.	0.	0.00	0.00	16.96	16.96	0.	0.	0.00	0.00
3594	50	16.96	16.96	0.	0.	0.00	0.01	16.96	16.96	0.	0.	0.00	0.00
3595	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	538.	0.	0.01	0.03
3596	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	386.	0.	0.01	0.04
3597	50	16.96	16.96	0.	0.	0.00	0.00	16.96	16.96	336.	0.	0.01	0.02
3598	50	16.96	16.96	1413.	0.	0.04	0.10	16.96	16.96	2119.	0.	0.06	0.17
3599	50	16.96	16.96	2592.	0.	0.07	0.19	16.96	16.96	2496.	0.	0.08	0.22
3600	50	16.96	16.96	1895.	0.	0.07	0.21	16.96	16.96	481.	0.	0.04	0.10

********** TAGLIO PERPENDICOLARE

GUSCI	τx	τy	τt	GUSCI	τx	τy	τt	GUSCI	τx	τy	τt
2651	0.3	0.3	0.3	2652	0.1	0.2	0.2	2653	0.1	0.2	0.1
2654	0.1	0.1	0.1	2655	0.0	0.1	0.1	2656	0.0	0.1	0.1
2657	0.1	0.0	0.1	2658	0.0	0.0	0.0	2659	0.1	0.1	0.1
2675	0.0	0.1	0.1	2676	0.1	0.1	0.1	2698	0.1	0.0	0.0
2699	0.2	0.0	0.2	2700	0.0	0.1	0.1	2701	0.1	0.2	0.2
2719	0.0	0.1	0.1	2720	0.1	0.2	0.2	2721	0.2	0.1	0.2
2722	0.2	0.0	0.1	2723	0.2	0.0	0.1	2742	0.2	0.1	0.1
2743	0.0	0.0	0.0	2744	0.0	0.0	0.0	2745	0.0	0.0	0.0
2746	0.4	0.2	0.3	2747	0.1	0.1	0.1	2748	0.1	0.1	0.1
2749	0.2	0.3	0.3	2750	0.2	0.1	0.2	2768	0.0	0.0	0.0
2769	0.0	0.2	0.2	2770	0.2	0.5	0.4	2771	0.4	0.2	0.3
2772	0.4	0.1	0.3	2773	0.1	0.2	0.2	2787	0.2	0.3	0.3
2788	0.1	0.2	0.2	2789	0.1	0.2	0.1	2790	0.0	0.1	0.1
2791	0.0	0.0	0.0	2792	0.4	0.1	0.3	2793	0.1	0.1	0.1
2794	0.0	0.1	0.1	2795	1.2	1.3	1.2	2796	0.2	0.3	0.3
2797	0.1	0.1	0.1	2814	0.0	0.2	0.1	2815	0.1	0.4	0.3
2816	1.2	1.2	1.1	2817	0.1	0.2	0.2	2818	0.0	0.1	0.1
2831	0.1	0.1	0.1	2832	0.0	0.1	0.1	2833	0.0	0.1	0.1
2834	0.0	0.1	0.1	2835	0.1	0.0	0.1	2836	0.2	0.0	0.1
2837	0.1	0.1	0.1	2838	0.1	0.1	0.1	2839	1.2	1.3	1.2
2840	0.2	0.5	0.4	2841	0.0	0.1	0.1	2842	0.1	0.1	0.1
2858	0.0	0.1	0.0	2859	0.0	0.0	0.0	2860	0.0	0.0	0.0
2861	0.1	0.2	0.2	2862	0.2	0.3	0.3	2863	1.2	1.3	1.2
2864	0.0	0.2	0.2	2865	0.1	0.1	0.1	2866	0.0	0.0	0.0
2877	0.0	0.1	0.1	2878	0.0	0.1	0.1	2879	0.0	0.1	0.1
2880	0.0	0.1	0.1	2881	0.1	0.0	0.0	2882	0.1	0.1	0.1
2883	0.0	0.1	0.1	2884	0.1	0.1	0.1	2885	0.4	0.2	0.3
2886	0.1	0.4	0.3	2887	0.1	0.1	0.1	2888	0.2	0.0	0.2
2889	0.0	0.0	0.0	2905	0.0	0.0	0.0	2906	0.0	0.0	0.0
2907	0.0	0.0	0.0	2908	0.1	0.1	0.2	2909	0.1	0.1	0.2
2910	0.3	0.2	0.3	2911	0.0	0.2	0.1	2912	0.1	0.1	0.1
2913	0.1	0.0	0.0	2914	0.0	0.0	0.0	2923	0.2	0.1	0.2
2924	0.0	0.1	0.1	2925	0.1	0.0	0.1	2926	0.0	0.0	0.0
2927	0.0	0.1	0.1	2928	0.1	0.1	0.1	2929	0.1	0.1	0.1
2930	0.2	0.0	0.1	2931	0.3	0.3	0.3	2932	0.0	0.1	0.1
2933	0.4	0.2	0.3	2934	0.0	0.0	0.0	2935	0.0	0.0	0.0
2936	0.0	0.1	0.1	2950	0.0	0.0	0.0	2951	0.0	0.0	0.0
2952	0.0	0.0	0.0	2953	0.1	0.1	0.1	2954	0.1	0.1	0.1
2955	0.1	0.1	0.1	2956	0.1	0.2	0.2	2957	0.1	0.1	0.1
2958	0.0	0.0	0.0	2959	0.0	0.0	0.0	2960	0.0	0.0	0.0
2961	0.0	0.1	0.1	2962	0.1	0.1	0.1	2963	0.1	0.1	0.1
2968	0.2	0.2	0.2	2969	0.0	0.2	0.1	2970	0.0	0.1	0.1
2971	0.0	0.0	0.0	2972	0.0	0.0	0.0	2973	0.0	0.1	0.1
2974	0.0	0.0	0.1	2975	0.1	0.0	0.1	2976	0.0	0.1	0.1
2977	0.2	0.1	0.2	2978	0.1	0.1	0.1	2979	0.4	0.2	0.3
2980	0.0	0.0	0.0	2981	0.2	0.0	0.1	2982	0.0	0.1	0.1
2983	0.2	0.1	0.2	2984	0.1	0.0	0.1	2985	0.2	0.0	0.1
2996	0.0	0.0	0.0	2997	0.0	0.0	0.0	2998	0.0	0.0	0.0
2999	0.1	0.0	0.1	3000	0.1	0.0	0.1	3001	0.0	0.1	0.1
3002	0.1	0.1	0.2	3003	0.1	0.1	0.1	3004	0.0	0.0	0.0
3005	0.0	0.0	0.0	3006	0.0	0.0	0.0	3007	0.4	0.1	0.3
3008	0.0	0.1	0.1	3009	0.1	0.2	0.2	3010	0.2	0.3	0.3
3011	0.2	0.1	0.2	3015	0.0	0.0	0.0	3016	0.0	0.0	0.0
3017	0.0	0.0	0.0	3018	0.0	0.0	0.0	3019	0.0	0.0	0.0
3020	0.0	0.0	0.0	3021	0.1	0.0	0.1	3022	0.1	0.1	0.1
3023	0.1	0.1	0.1	3024	0.1	0.1	0.1	3025	0.2	0.0	0.1
3026	0.0	0.0	0.0	3027	0.1	0.1	0.1	3028	0.1	0.1	0.1
3029	0.3	0.1	0.2	3030	0.4	0.1	0.3	3031	0.1	0.1	0.1
3041	0.0	0.0	0.0	3042	0.0	0.0	0.0	3043	0.0	0.0	0.0
3044	0.1	0.1	0.1	3045	0.0	0.2	0.1	3046	0.1	0.1	0.1
3047	0.1	0.1	0.1	3048	0.0	0.1	0.1	3049	0.1	0.0	0.0
3050	0.0	0.0	0.0	3051	0.0	0.0	0.0	3052	0.3	0.1	0.2

3053	0.0	0.2	0.1	3054	0.1	0.4	0.3	3055	1.0	1.0	0.9
3056	0.2	0.3	0.3	3057	0.1	0.1	0.1	3060	0.0	0.0	0.0
3061	0.0	0.0	0.0	3062	0.0	0.0	0.0	3063	0.0	0.0	0.0
3064	0.0	0.0	0.0	3065	0.0	0.0	0.0	3066	0.0	0.0	0.0
3067	0.2	0.4	0.3	3068	0.1	0.0	0.1	3069	0.1	0.1	0.1
3070	0.1	0.1	0.1	3071	0.0	0.0	0.0	3072	0.1	0.1	0.1
3073	0.0	0.1	0.1	3074	1.0	1.0	1.0	3075	0.1	0.2	0.2
3076	0.0	0.1	0.1	3085	0.0	0.0	0.0	3086	0.0	0.0	0.0
3087	0.0	0.0	0.0	3088	0.0	0.0	0.0	3089	0.0	0.1	0.1
3090	0.0	0.1	0.1	3091	0.2	0.4	0.3	3092	0.1	0.0	0.1
3093	0.1	0.1	0.1	3094	0.0	0.0	0.0	3095	0.0	0.0	0.0
3096	0.0	0.0	0.0	3097	0.2	0.0	0.1	3098	0.0	0.2	0.1
3099	0.1	0.4	0.3	3100	1.1	1.1	1.0	3101	0.2	0.4	0.3
3102	0.0	0.1	0.1	3103	0.0	0.1	0.1	3105	0.0	0.0	0.0
3106	0.0	0.0	0.0	3107	0.0	0.0	0.0	3108	0.0	0.0	0.0
3109	0.0	0.0	0.0	3110	0.0	0.0	0.0	3111	0.0	0.0	0.0
3112	0.0	0.2	0.1	3113	0.1	0.0	0.1	3114	0.0	0.1	0.1
3115	0.0	0.0	0.0	3116	0.0	0.1	0.1	3117	0.1	0.1	0.1
3118	1.0	1.1	1.0	3119	0.0	0.2	0.1	3120	0.0	0.1	0.1
3121	0.0	0.0	0.0	3129	0.0	0.0	0.0	3130	0.0	0.0	0.0
3131	0.0	0.0	0.0	3132	0.0	0.0	0.0	3133	0.0	0.0	0.0
3134	0.1	0.1	0.1	3135	0.0	0.0	0.1	3136	0.0	0.0	0.0
3137	0.0	0.0	0.0	3138	0.0	0.0	0.0	3139	0.0	0.1	0.1
3140	0.1	0.2	0.2	3141	0.2	0.2	0.2	3142	0.3	0.2	0.2
3143	0.1	0.4	0.3	3144	0.1	0.1	0.1	3145	0.2	0.0	0.1
3147	0.1	0.0	0.0	3148	0.0	0.0	0.0	3149	0.0	0.0	0.0
3150	0.0	0.0	0.0	3151	0.0	0.0	0.0	3152	0.0	0.0	0.0
3153	0.0	0.1	0.1	3154	0.1	0.0	0.1	3155	0.0	0.0	0.0
3156	0.0	0.0	0.0	3157	0.0	0.1	0.1	3158	0.1	0.1	0.1
3159	0.2	0.2	0.2	3160	0.0	0.2	0.1	3161	0.1	0.1	0.1
3162	0.1	0.0	0.0	3170	0.0	0.0	0.0	3171	0.0	0.0	0.0
3172	0.0	0.0	0.0	3173	0.0	0.0	0.0	3174	0.0	0.0	0.0
3175	0.0	0.1	0.1	3176	0.0	0.0	0.0	3177	0.0	0.0	0.0
3178	0.0	0.0	0.0	3179	0.0	0.0	0.0	3180	0.0	0.1	0.0
3181	0.1	0.1	0.1	3182	0.2	0.1	0.1	3183	0.1	0.1	0.1
3184	0.2	0.2	0.2	3185	0.0	0.1	0.1	3186	0.3	0.2	0.3
3187	0.1	0.1	0.1	3188	0.0	0.1	0.1	3189	0.0	0.1	0.0
3190	0.0	0.0	0.0	3191	0.0	0.0	0.0	3192	0.0	0.0	0.0
3193	0.0	0.0	0.0	3194	0.0	0.0	0.0	3195	0.1	0.0	0.0
3196	0.0	0.0	0.0	3197	0.0	0.1	0.1	3198	0.1	0.1	0.1
3199	0.1	0.0	0.1	3200	0.1	0.2	0.2	3201	0.1	0.1	0.1
3202	0.0	0.0	0.0	3210	0.0	0.0	0.0	3211	0.0	0.0	0.0
3212	0.0	0.0	0.0	3213	0.0	0.0	0.0	3214	0.0	0.0	0.0
3215	0.0	0.0	0.0	3216	0.0	0.0	0.0	3217	0.0	0.0	0.0
3218	0.0	0.0	0.0	3219	0.0	0.0	0.0	3220	0.0	0.0	0.0
3221	0.1	0.1	0.1	3222	0.1	0.1	0.1	3223	0.0	0.1	0.1
3224	0.1	0.1	0.1	3225	0.1	0.1	0.1	3226	0.3	0.1	0.2
3227	0.0	0.0	0.0	3228	0.0	0.0	0.0	3229	0.0	0.1	0.1
3230	0.0	0.1	0.1	3231	0.0	0.1	0.1	3232	0.0	0.0	0.0
3233	0.0	0.0	0.0	3234	0.0	0.0	0.0	3235	0.0	0.0	0.0
3236	0.0	0.0	0.0	3237	0.0	0.0	0.0	3238	0.0	0.0	0.0
3239	0.0	0.0	0.0	3240	0.0	0.0	0.0	3241	0.1	0.0	0.1
3242	0.0	0.0	0.0	3243	0.1	0.1	0.1	3244	0.1	0.1	0.1
3245	0.0	0.0	0.0	3246	0.1	0.0	0.1	3253	0.0	0.0	0.0
3254	0.0	0.0	0.0	3255	0.0	0.0	0.0	3256	0.0	0.0	0.0
3257	0.0	0.0	0.0	3258	0.0	0.0	0.0	3259	0.0	0.0	0.0
3260	0.0	0.0	0.0	3261	0.0	0.0	0.0	3262	0.0	0.1	0.0
3263	0.1	0.0	0.1	3264	0.1	0.0	0.1	3265	0.1	0.1	0.1
3266	0.1	0.1	0.1	3267	0.1	0.1	0.1	3268	0.2	0.0	0.1
3269	0.0	0.0	0.0	3270	0.1	0.1	0.1	3271	0.1	0.1	0.1
3272	0.1	0.1	0.1	3273	0.0	0.0	0.0	3274	0.0	0.0	0.0
3275	0.0	0.0	0.0	3276	0.0	0.0	0.0	3277	0.0	0.0	0.0
3278	0.0	0.0	0.0	3279	0.0	0.0	0.0	3280	0.0	0.0	0.0
3281	0.1	0.0	0.0	3282	0.1	0.1	0.1	3283	0.1	0.1	0.1
3284	0.0	0.1	0.1	3285	0.1	0.0	0.0	3286	0.0	0.0	0.0
3292	0.1	0.0	0.0	3293	0.0	0.0	0.0	3294	0.0	0.0	0.0
3295	0.0	0.0	0.0	3296	0.0	0.0	0.0	3297	0.0	0.0	0.0
3298	0.0	0.0	0.0	3299	0.0	0.0	0.0	3300	0.0	0.0	0.0
3301	0.0	0.0	0.0	3302	0.1	0.1	0.1	3303	0.0	0.2	0.1
3304	0.1	0.3	0.2	3305	0.1	0.0	0.1	3306	0.1	0.1	0.1
3307	0.0	0.1	0.1	3308	0.1	0.1	0.1	3309	0.3	0.0	0.2
3310	0.0	0.0	0.0	3311	0.0	0.0	0.0	3312	0.0	0.0	0.0
3313	0.0	0.0	0.0	3314	0.0	0.0	0.0	3315	0.0	0.0	0.0
3316	0.0	0.0	0.0	3317	0.0	0.0	0.0	3318	0.1	0.3	0.2
3319	0.1	0.0	0.1	3320	0.0	0.1	0.1	3321	0.1	0.0	0.0
3322	0.0	0.0	0.0	3327	0.0	0.0	0.0	3328	0.0	0.0	0.0
3329	0.0	0.1	0.0	3330	0.0	0.0	0.0	3331	0.0	0.0	0.0
3332	0.0	0.0	0.0	3333	0.0	0.0	0.0	3334	0.0	0.0	0.0
3335	0.0	0.0	0.0	3336	0.0	0.0	0.0	3337	0.0	0.0	0.0
3338	0.0	0.0	0.0	3339	0.0	0.1	0.0	3340	0.0	0.1	0.1
3341	0.0	0.0	0.0	3342	0.0	0.2	0.1	3343	0.1	0.0	0.1
3344	0.0	0.1	0.0	3345	0.0	0.0	0.0	3346	0.1	0.0	0.1
3347	1.0	0.8	0.8	3348	0.2	0.1	0.2	3349	0.3	0.1	0.3
3350	0.1	0.0	0.1	3351	0.0	0.0	0.0	3352	0.0	0.0	0.0
3353	0.0	0.0	0.0	3354	0.0	0.0	0.0	3355	0.0	0.0	0.0
3356	0.0	0.0	0.0	3357	0.0	0.0	0.0	3358	0.0	0.0	0.0
3359	0.1	0.1	0.1	3360	0.0	0.0	0.0	3361	0.0	0.1	0.0
3362	0.0	0.1	0.1	3366	0.2	0.2	0.2	3367	0.1	0.1	0.1
3368	0.1	0.1	0.1	3369	0.1	0.0	0.0	3370	0.0	0.0	0.0
3371	0.0	0.0	0.0	3372	0.0	0.0	0.0	3373	0.0	0.0	0.0
3374	0.0	0.0	0.0	3375	0.0	0.0	0.0	3376	0.0	0.0	0.0
3377	0.0	0.0	0.0	3378	0.0	0.0	0.0	3379	0.0	0.0	0.0
3380	0.0	0.0	0.0	3381	0.0	0.1	0.1	3382	0.1	0.0	0.1
3383	0.0	0.0	0.0	3384	0.0	0.0	0.0	3385	0.0	0.0	0.0
3386	0.1	0.5	0.4	3387	0.2	0.4	0.4	3388	0.3	0.6	0.4

3389	0.1	0.0	0.1	3390	0.0	0.0	0.0	3391	0.0	0.0	0.0
3392	0.0	0.0	0.0	3393	0.0	0.0	0.0	3394	0.0	0.0	0.0
3395	0.0	0.0	0.0	3396	0.0	0.0	0.0	3397	0.0	0.0	0.0
3398	0.0	0.1	0.0	3399	0.0	0.0	0.0	3400	0.0	0.0	0.0
3401	0.0	0.1	0.0	3402	0.0	0.1	0.1	3405	0.1	0.1	0.1
3406	0.2	0.0	0.1	3407	0.1	0.0	0.1	3408	0.0	0.1	0.0
3409	0.0	0.0	0.0	3410	0.0	0.0	0.0	3411	0.0	0.0	0.0
3412	0.0	0.0	0.0	3413	0.0	0.0	0.0	3414	0.0	0.0	0.0
3415	0.0	0.0	0.0	3416	0.0	0.0	0.0	3417	0.0	0.0	0.0
3418	0.0	0.0	0.0	3419	0.0	0.0	0.0	3420	0.0	0.0	0.0
3421	0.0	0.0	0.0	3422	0.0	0.0	0.0	3423	1.4	2.8	2.2
3424	0.1	1.2	1.0	3425	0.2	0.6	0.6	3426	0.2	0.4	0.3
3427	0.3	0.3	0.3	3428	0.3	0.5	0.4	3429	0.1	0.1	0.1
3430	0.1	0.0	0.1	3431	0.1	0.0	0.1	3432	0.0	0.1	0.0
3433	0.0	0.0	0.0	3434	0.0	0.0	0.0	3435	0.0	0.0	0.0
3436	0.0	0.0	0.0	3437	0.0	0.0	0.0	3438	0.0	0.0	0.0
3439	0.0	0.0	0.0	3440	0.0	0.0	0.0	3441	0.0	0.1	0.1
3442	0.0	0.1	0.1	3443	0.1	0.1	0.1	3445	0.5	0.5	0.5
3446	0.1	0.1	0.1	3447	0.0	0.1	0.1	3448	0.0	0.1	0.0
3449	0.0	0.1	0.1	3450	0.0	0.1	0.1	3451	0.0	0.0	0.0
3452	0.0	0.0	0.0	3453	0.0	0.0	0.0	3454	0.0	0.0	0.0
3455	0.0	0.0	0.0	3456	0.0	0.0	0.0	3457	0.0	0.0	0.0
3458	0.0	0.0	0.0	3459	0.0	0.0	0.0	3460	1.5	2.6	2.0
3461	0.2	1.0	0.8	3462	0.2	0.6	0.5	3463	0.2	0.5	0.4
3464	0.1	0.3	0.2	3465	0.3	0.4	0.3	3466	0.0	0.1	0.1
3467	0.2	0.2	0.2	3468	0.1	0.0	0.1	3469	0.0	0.1	0.1
3470	0.0	0.0	0.0	3471	0.0	0.0	0.0	3472	0.0	0.0	0.0
3473	0.0	0.0	0.0	3474	0.0	0.0	0.0	3475	0.0	0.0	0.0
3476	0.0	0.0	0.0	3477	0.0	0.1	0.1	3478	0.1	0.1	0.1
3479	0.2	0.2	0.2	3480	0.5	0.4	0.4	3481	0.0	0.1	0.1
3482	0.0	0.3	0.2	3483	0.3	0.6	0.4	3484	0.2	0.6	0.4
3485	0.0	0.1	0.1	3486	0.0	0.0	0.0	3487	0.0	0.0	0.0
3488	0.0	0.0	0.0	3489	0.0	0.0	0.0	3490	0.0	0.0	0.0
3491	0.0	0.0	0.0	3492	0.0	0.0	0.0	3493	0.0	0.0	0.0
3494	0.4	0.2	0.3	3495	0.1	0.6	0.5	3496	0.0	0.5	0.4
3497	0.0	0.3	0.2	3498	0.0	0.2	0.1	3499	0.1	0.1	0.1
3500	0.1	0.1	0.1	3501	0.1	0.1	0.1	3502	0.1	0.1	0.1
3503	0.0	0.3	0.2	3504	0.1	0.0	0.1	3505	0.0	0.0	0.0
3506	0.0	0.0	0.0	3507	0.0	0.0	0.0	3508	0.0	0.0	0.0
3509	0.0	0.0	0.0	3510	0.0	0.0	0.0	3511	0.0	0.1	0.1
3512	0.0	0.1	0.1	3513	0.1	0.2	0.2	3514	0.1	0.0	0.1
3515	0.0	0.1	0.1	3516	0.1	0.1	0.1	3517	0.2	0.2	0.2
3518	0.2	0.2	0.2	3519	0.1	0.1	0.1	3520	0.0	0.0	0.0
3521	0.0	0.0	0.0	3522	0.0	0.0	0.0	3523	0.0	0.0	0.0
3524	0.0	0.0	0.0	3525	0.0	0.0	0.0	3526	0.0	0.0	0.0
3527	0.0	0.0	0.0	3528	0.0	0.0	0.0	3529	0.0	0.0	0.0
3530	1.2	0.9	1.1	3531	0.1	0.7	0.6	3532	0.1	0.5	0.5
3533	0.1	0.5	0.4	3534	0.2	0.4	0.3	3535	0.3	0.3	0.3
3536	0.4	0.3	0.3	3537	0.1	0.2	0.1	3538	0.0	0.1	0.1
3539	0.1	0.1	0.1	3540	0.1	0.1	0.1	3541	0.1	0.0	0.1
3542	0.0	0.0	0.0	3543	0.0	0.0	0.0	3544	0.0	0.0	0.0
3545	0.0	0.0	0.0	3546	0.0	0.0	0.0	3547	0.0	0.0	0.0
3548	0.0	0.0	0.0	3549	0.0	0.0	0.0	3550	0.0	0.1	0.1
3551	0.0	0.1	0.1	3552	0.1	0.2	0.2	3553	0.1	0.1	0.1
3554	0.1	0.1	0.1	3555	0.2	0.2	0.2	3556	0.2	0.1	0.2
3557	0.1	0.1	0.1	3558	0.1	0.1	0.1	3559	0.1	0.1	0.1
3560	0.1	0.0	0.1	3561	0.0	0.0	0.0	3562	0.0	0.0	0.0
3563	0.0	0.0	0.0	3564	0.0	0.0	0.0	3565	0.0	0.0	0.0
3566	0.0	0.0	0.0	3567	0.0	0.0	0.0	3568	0.0	0.0	0.0
3569	0.0	0.0	0.0	3570	0.0	0.0	0.0	3571	0.0	0.0	0.0
3572	0.0	0.0	0.0	3573	0.1	0.5	0.4	3574	0.2	0.3	0.3
3575	0.1	0.5	0.3	3576	0.5	0.6	0.5	3577	0.3	0.5	0.4
3578	0.5	0.5	0.5	3579	0.1	0.0	0.1	3580	0.1	0.2	0.1
3581	0.3	0.2	0.3	3582	0.2	0.1	0.1	3583	0.1	0.1	0.1
3584	0.1	0.1	0.1	3585	0.0	0.0	0.0	3586	0.0	0.0	0.0
3587	0.0	0.0	0.0	3588	0.0	0.0	0.0	3589	0.0	0.0	0.0
3590	0.0	0.0	0.0	3591	0.0	0.0	0.0	3592	0.0	0.0	0.0
3593	0.1	0.0	0.0	3594	0.0	0.1	0.1	3595	0.1	0.1	0.1
3596	0.0	0.2	0.2	3597	0.4	0.1	0.3	3598	0.1	0.3	0.3
3599	0.3	0.4	0.4	3600	0.2	0.1	0.2	3601	0.2	0.1	0.2

Verifiche a fessurazione

```
unità di misura:
   lunghezze     : [cm]     -   forze       : [daN]
   momenti       : [daNcm/cm]             -   tensioni    : [daN/cm2]
   pesi specifici: [daN/cm3]              -   angoli      : [gradi]
   armature      : [cm2]

CASI DI CARICO:
    Nome  Descrizione
    11    Rara (RARA)
    12    Frequente (FREQUENTE)
    13    Quasi Perm (QUASI PERMANENTE)

DATI:
    copriferro inferiore (asse armatura):  3     cm
    copriferro superiore (asse armatura):  3     cm

    Af  = area effettiva disposta nello strato indicato (cm2 al metro)
    wkR = apertura caratteristica per combinazione rara (mm)             - apertura max = 0.3 mm
    wkF =     ''          ''      ''      ''       frequente (mm)        -     ''    '' = 0.2 mm
    wkP =     ''          ''      ''      ''       quasi permanente (mm) -     ''    '' = 0.2 mm
```

ARMATURA INFERIORE ORIZZONTALE

			COMBINAZIONE RARA					COMBINAZIONE FREQUENTE					COMBINAZIONE QUASI PERMANENTE				
GUSCI	Af	Afc	Mom	Nor	σc	σf	WkR	Mom	Nor	σc	σf	WkF	Mom	Nor	σc	σf	WkP
2651	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2652	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2653	16.96	16.96	194	0.	0.58	26.	0.001	142	0.	0.42	19.	0.001	136	0.	0.41	18.	0.001
2654	16.96	16.96	422	0.	1.26	57.	0.002	320	0.	0.96	43.	0.002	307	0.	0.92	42.	0.002
2655	16.96	16.96	565	0.	1.69	77.	0.003	430	0.	1.29	59.	0.002	412	0.	1.23	56.	0.002
2656	16.96	16.96	584	0.	1.75	80.	0.003	448	0.	1.34	61.	0.003	429	0.	1.28	58.	0.002
2657	16.96	16.96	267	0.	0.80	36.	0.002	207	0.	0.62	28.	0.001	199	0.	0.59	27.	0.001
2658	16.96	16.96	374	0.	1.12	51.	0.002	249	0.	0.75	34.	0.001	232	0.	0.69	32.	0.001
2659	16.96	16.96	612	0.	1.83	83.	0.003	404	0.	1.21	55.	0.002	375	0.	1.12	51.	0.002
2675	16.96	16.96	837	0.	2.50	114.	0.005	553	0.	1.65	75.	0.003	514	0.	1.54	70.	0.003
2676	16.96	16.96	754	0.	2.25	103.	0.004	499	0.	1.49	68.	0.003	463	0.	1.38	63.	0.003
2698	16.96	16.96	370	0.	1.11	50.	0.002	246	0.	0.74	33.	0.001	229	0.	0.68	31.	0.001
2699	16.96	16.96	583	0.	1.74	79.	0.003	384	0.	1.15	52.	0.002	356	0.	1.06	48.	0.002
2700	16.96	16.96	929	0.	2.78	126.	0.005	614	0.	1.84	84.	0.003	570	0.	1.71	78.	0.003
2701	16.96	16.96	496	0.	1.48	67.	0.003	328	0.	0.98	45.	0.002	304	0.	0.91	41.	0.002
2719	16.96	16.96	709	0.	2.12	96.	0.004	469	0.	1.40	64.	0.003	436	0.	1.30	59.	0.002
2720	16.96	16.96	304	0.	0.91	41.	0.002	199	0.	0.60	27.	0.001	186	0.	0.56	25.	0.001
2721	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2722	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2723	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2742	16.96	16.96	262	0.	0.78	36.	0.001	206	0.	0.62	28.	0.001	199	0.	0.59	27.	0.001
2743	16.96	16.96	216	0.	0.65	29.	0.001	163	0.	0.49	22.	0.001	156	0.	0.47	21.	0.001
2744	16.96	16.96	218	0.	0.65	30.	0.001	156	0.	0.47	21.	0.001	147	0.	0.44	20.	0.001
2745	16.96	16.96	357	0.	1.07	49.	0.002	237	0.	0.71	32.	0.001	220	0.	0.66	30.	0.001
2746	16.96	16.96	519	0.	1.55	71.	0.003	340	0.	1.02	46.	0.002	314	0.	0.94	43.	0.002
2747	16.96	16.96	1003	0.	3.00	136.	0.006	663	0.	1.98	90.	0.004	616	0.	1.84	84.	0.003
2748	16.96	16.96	441	0.	1.32	60.	0.002	291	0.	0.87	40.	0.002	270	0.	0.81	37.	0.002
2749	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2750	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2768	16.96	16.96	266	0.	0.80	36.	0.002	182	0.	0.54	25.	0.001	170	0.	0.51	23.	0.001
2769	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2770	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2771	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2772	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2773	16.96	16.96	487	0.	1.46	66.	0.003	324	0.	0.97	44.	0.002	301	0.	0.90	41.	0.002
2787	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2788	16.96	16.96	109	0.	0.32	16.	0.001	71	0.	0.21	10.	0.000	65	0.	0.19	9.	0.000
2789	16.96	16.96	398	0.	1.19	54.	0.002	297	0.	0.89	40.	0.002	283	0.	0.85	38.	0.002
2790	16.96	16.96	503	0.	1.50	68.	0.003	380	0.	1.14	52.	0.002	363	0.	1.09	49.	0.002
2791	16.96	16.96	362	0.	1.08	49.	0.002	241	0.	0.72	33.	0.001	224	0.	0.67	30.	0.001
2792	16.96	16.96	519	0.	1.55	71.	0.003	339	0.	1.02	46.	0.002	314	0.	0.94	43.	0.002
2793	16.96	16.96	1067	0.	3.19	145.	0.006	705	0.	2.11	96.	0.004	654	0.	1.96	89.	0.004
2794	16.96	16.96	520	0.	1.56	71.	0.003	343	0.	1.03	47.	0.002	318	0.	0.95	43.	0.002
2795	16.96	16.96	0.	1	0.00	2.	0.000	0.	0.	0.00	1.	0.000	0.	0.	0.00	1.	0.000
2796	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2797	16.96	16.96	748	0.	2.24	102.	0.004	497	0.	1.49	68.	0.003	462	0.	1.38	63.	0.003
2814	16.96	16.96	37	0.	0.11	5.	0.000	23	0.	0.07	3.	0.000	21	0.	0.06	3.	0.000
2815	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2816	16.96	16.96	0.	0.	0.00	1.	0.000	0.	0.	0.00	1.	0.000	0.	0.	0.00	1.	0.000
2817	16.96	16.96	293	0.	0.88	40.	0.002	194	0.	0.58	26.	0.001	182	0.	0.54	25.	0.001
2818	16.96	16.96	834	0.	2.50	114.	0.005	555	0.	1.66	75.	0.003	515	0.	1.54	70.	0.003
2831	16.96	16.96	233	0.	0.70	32.	0.001	169	0.	0.51	23.	0.001	160	0.	0.48	22.	0.001
2832	16.96	16.96	301	0.	0.90	41.	0.002	222	0.	0.66	30.	0.001	211	0.	0.63	29.	0.001
2833	16.96	16.96	398	0.	1.19	54.	0.002	299	0.	0.89	41.	0.002	286	0.	0.86	39.	0.002
2834	16.96	16.96	451	0.	1.35	61.	0.003	342	0.	1.02	46.	0.002	327	0.	0.98	45.	0.002
2835	16.96	16.96	368	0.	1.10	50.	0.002	245	0.	0.73	33.	0.001	228	0.	0.68	31.	0.001
2836	16.96	16.96	577	0.	1.73	78.	0.003	379	0.	1.13	52.	0.002	352	0.	1.05	48.	0.002
2837	16.96	16.96	939	0.	2.81	128.	0.005	620	0.	1.85	84.	0.004	576	0.	1.72	78.	0.003
2838	16.96	16.96	728	0.	2.18	99.	0.004	481	0.	1.44	65.	0.003	446	0.	1.33	61.	0.003
2839	16.96	16.96	0.	1	0.00	2.	0.000	0.	0.	0.00	1.	0.000	0.	0.	0.00	1.	0.000
2840	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2841	16.96	16.96	702	0.	2.10	96.	0.004	467	0.	1.40	64.	0.003	434	0.	1.30	59.	0.002
2842	16.96	16.96	613	0.	1.83	83.	0.003	408	0.	1.22	55.	0.002	379	0.	1.13	52.	0.002
2858	16.96	16.96	299	0.	0.89	41.	0.002	229	0.	0.68	31.	0.001	220	0.	0.66	30.	0.001
2859	16.96	16.96	199	0.	0.60	27.	0.001	150	0.	0.45	20.	0.001	143	0.	0.43	19.	0.001
2860	16.96	16.96	173	0.	0.52	24.	0.001	124	0.	0.37	17.	0.001	118	0.	0.35	16.	0.001
2861	16.96	16.96	417	0.	1.25	57.	0.002	275	0.	0.82	37.	0.002	255	0.	0.76	35.	0.001
2862	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2863	16.96	16.96	0.	0.	0.00	1.	0.000	0.	0.	0.00	1.	0.000	0.	0.	0.00	1.	0.000
2864	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2865	16.96	16.96	925	0.	2.77	126.	0.005	614	0.	1.84	84.	0.003	571	0.	1.71	78.	0.003
2866	16.96	16.96	395	0.	1.18	54.	0.002	260	0.	0.78	35.	0.001	241	0.	0.72	33.	0.001
2877	16.96	16.96	342	0.	1.02	47.	0.002	256	0.	0.77	35.	0.001	245	0.	0.73	33.	0.001
2878	16.96	16.96	358	0.	1.07	49.	0.002	268	0.	0.80	36.	0.002	256	0.	0.77	35.	0.001
2879	16.96	16.96	327	0.	0.98	45.	0.002	246	0.	0.74	34.	0.001	236	0.	0.71	32.	0.001
2880	16.96	16.96	340	0.	1.02	46.	0.002	257	0.	0.77	35.	0.001	247	0.	0.74	34.	0.001
2881	16.96	16.96	342	0.	1.02	47.	0.002	228	0.	0.68	31.	0.001	212	0.	0.63	29.	0.001
2882	16.96	16.96	553	0.	1.65	75.	0.003	365	0.	1.09	50.	0.002	339	0.	1.01	46.	0.002
2883	16.96	16.96	740	0.	2.21	101.	0.004	489	0.	1.46	66.	0.003	454	0.	1.36	62.	0.003
2884	16.96	16.96	674	0.	2.02	92.	0.004	445	0.	1.33	60.	0.003	413	0.	1.24	56.	0.002
2885	16.96	16.96	0.	0.	0.00	1.	0.000	0.	0.	0.00	1.	0.000	0.	0.	0.00	1.	0.000
2886	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2887	16.96	16.96	433	0.	1.29	59.	0.002	288	0.	0.86	39.	0.002	268	0.	0.80	36.	0.002
2888	16.96	16.96	581	0.	1.74	79.	0.003	387	0.	1.16	53.	0.002	360	0.	1.08	49.	0.002
2889	16.96	16.96	282	0.	0.84	38.	0.002	181	0.	0.54	25.	0.001	167	0.	0.50	23.	0.001
2905	16.96	16.96	208	0.	0.62	28.	0.001	160	0.	0.48	22.	0.001	154	0.	0.46	21.	0.001
2906	16.96	16.96	145	0.	0.43	20.	0.001	109	0.	0.33	15.	0.001	105	0.	0.31	14.	0.001
2907	16.96	16.96	130	0.	0.39	18.	0.001	94	0.	0.28	13.	0.001	89	0.	0.27	12.	0.001
2908	16.96	16.96	448	0.	1.34	61.	0.003	295	0.	0.88	40.	0.002	274	0.	0.82	37.	0.002
2909	16.96	16.96	31	0.	0.09	4.	0.000	20	0.	0.06	3.	0.000	18	0.	0.05	2.	0.000
2910	16.96	16.96	0.	0.	0.00	1.	0.000	0.	0.	0.00	1.	0.000	0.	0.	0.00	0.	0.000
2911	16.96	16.96	24	0.	0.07	3.	0.000	18	0.	0.05	2.	0.000	16	0.	0.05	2.	0.000
2912	16.96	16.96	998	0.	2.98	136.	0.006	663	0.	1.98	90.	0.004	616	0.	1.84	84.	0.003
2913	16.96	16.96	388	0.	1.16	53.	0.002	256	0.	0.76	35.	0.001	237	0.	0.71	32.	0.001
2914	16.96	16.96	272	0.	0.81	37.	0.002	168	0.	0.50	23.	0.001	154	0.	0.46	21.	0.001
2923	16.96	16.96	333	0.	1.00	45.	0.002	251	0.	0.75	34.	0.001	241	0.	0.72	33.	0.001
2924	16.96	16.96	251	0.	0.75	34.	0.001	189	0.	0.57	26.	0.001	181	0.	0.54	25.	0.001

2925	16.96	16.96	205	0.	0.61	28.	0.001	154	0.	0.46	21.	0.001	148	0.	0.44	20.	0.001
2926	16.96	16.96	212	0.	0.63	29.	0.001	161	0.	0.48	22.	0.001	154	0.	0.46	21.	0.001
2927	16.96	16.96	456	0.	1.36	62.	0.003	301	0.	0.90	41.	0.002	279	0.	0.84	38.	0.002
2928	16.96	16.96	558	0.	1.67	76.	0.003	368	0.	1.10	50.	0.002	342	0.	1.02	47.	0.002
2929	16.96	16.96	523	0.	1.56	71.	0.003	345	0.	1.03	47.	0.002	320	0.	0.96	44.	0.002
2930	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2931	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2932	16.96	16.96	510	0.	1.53	69.	0.003	340	0.	1.02	46.	0.002	315	0.	0.94	43.	0.002
2933	16.96	16.96	506	0.	1.51	69.	0.003	340	0.	1.02	46.	0.002	316	0.	0.95	43.	0.002
2934	16.96	16.96	290	0.	0.87	39.	0.002	186	0.	0.56	25.	0.001	171	0.	0.51	23.	0.001
2935	16.96	16.96	339	0.	1.01	46.	0.002	204	0.	0.61	28.	0.001	185	0.	0.55	25.	0.001
2936	16.96	16.96	505	0.	1.51	69.	0.003	299	0.	0.89	41.	0.002	270	0.	0.81	37.	0.002
2950	16.96	16.96	79	0.	0.24	11.	0.000	63	0.	0.19	9.	0.000	61	0.	0.18	8.	0.000
2951	16.96	16.96	87	0.	0.26	12.	0.000	65	0.	0.20	9.	0.000	63	0.	0.19	9.	0.000
2952	16.96	16.96	86	0.	0.26	12.	0.000	62	0.	0.19	8.	0.000	59	0.	0.18	8.	0.000
2953	16.96	16.96	369	0.	1.10	50.	0.002	243	0.	0.73	33.	0.001	226	0.	0.67	31.	0.001
2954	16.96	16.96	122	0.	0.37	17.	0.001	80	0.	0.24	11.	0.000	74	0.	0.22	10.	0.000
2955	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2956	16.96	16.96	407	0.	1.22	55.	0.002	271	0.	0.81	37.	0.002	252	0.	0.75	34.	0.001
2957	16.96	16.96	1060	0.	3.17	144.	0.006	704	0.	2.10	96.	0.004	654	0.	1.95	89.	0.004
2958	16.96	16.96	368	0.	1.10	50.	0.002	243	0.	0.73	33.	0.001	225	0.	0.67	31.	0.001
2959	16.96	16.96	279	0.	0.83	38.	0.002	173	0.	0.52	23.	0.001	158	0.	0.47	21.	0.001
2960	16.96	16.96	331	0.	0.99	45.	0.002	198	0.	0.59	27.	0.001	180	0.	0.54	24.	0.001
2961	16.96	16.96	688	0.	2.06	94.	0.004	406	0.	1.22	55.	0.002	367	0.	1.10	50.	0.002
2962	16.96	16.96	620	0.	1.85	84.	0.004	367	0.	1.10	50.	0.002	331	0.	0.99	45.	0.002
2963	16.96	16.96	406	0.	1.21	55.	0.002	241	0.	0.72	33.	0.001	218	0.	0.65	30.	0.001
2968	16.96	16.96	197	0.	0.59	27.	0.001	149	0.	0.44	20.	0.001	143	0.	0.43	19.	0.001
2969	16.96	16.96	107	0.	0.32	15.	0.001	80	0.	0.24	11.	0.000	77	0.	0.23	10.	0.000
2970	16.96	16.96	106	0.	0.32	14.	0.001	80	0.	0.24	11.	0.000	77	0.	0.23	10.	0.000
2971	16.96	16.96	111	0.	0.33	15.	0.001	84	0.	0.25	11.	0.000	81	0.	0.24	11.	0.000
2972	16.96	16.96	109	0.	0.33	15.	0.001	75	0.	0.22	10.	0.000	70	0.	0.21	9.	0.000
2973	16.96	16.96	263	0.	0.79	36.	0.001	173	0.	0.52	24.	0.001	160	0.	0.48	22.	0.001
2974	16.96	16.96	385	0.	1.15	52.	0.002	254	0.	0.76	35.	0.001	236	0.	0.71	32.	0.001
2975	16.96	16.96	354	0.	1.06	48.	0.002	234	0.	0.70	32.	0.001	217	0.	0.65	30.	0.001
2976	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2977	16.96	16.96	19	0.	0.06	3.	0.000	13	0.	0.04	2.	0.000	13	0.	0.04	2.	0.000
2978	16.96	16.96	721	0.	2.15	98.	0.004	479	0.	1.43	65.	0.003	445	0.	1.33	61.	0.003
2979	16.96	16.96	508	0.	1.52	69.	0.003	340	0.	1.02	46.	0.002	317	0.	0.95	43.	0.002
2980	16.96	16.96	295	0.	0.88	40.	0.002	189	0.	0.57	26.	0.001	175	0.	0.52	24.	0.001
2981	16.96	16.96	470	0.	1.40	64.	0.003	276	0.	0.83	38.	0.002	249	0.	0.74	34.	0.001
2982	16.96	16.96	762	0.	2.28	104.	0.004	450	0.	1.35	61.	0.003	407	0.	1.22	55.	0.002
2983	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2984	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2985	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2996	16.96	16.96	8	0.	0.02	1.	0.000	9	0.	0.03	1.	0.000	9	0.	0.03	1.	0.000
2997	16.96	16.96	44	0.	0.13	6.	0.000	33	0.	0.10	5.	0.000	32	0.	0.09	4.	0.000
2998	16.96	16.96	50	0.	0.15	7.	0.000	35	0.	0.11	5.	0.000	34	0.	0.10	5.	0.000
2999	16.96	16.96	247	0.	0.74	34.	0.001	162	0.	0.49	22.	0.001	151	0.	0.45	21.	0.001
3000	16.96	16.96	121	0.	0.36	16.	0.001	80	0.	0.24	11.	0.000	74	0.	0.22	10.	0.000
3001	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3002	16.96	16.96	440	0.	1.32	60.	0.002	292	0.	0.87	40.	0.002	271	0.	0.81	37.	0.002
3003	16.96	16.96	933	0.	2.79	127.	0.005	620	0.	1.85	84.	0.004	576	0.	1.72	78.	0.003
3004	16.96	16.96	373	0.	1.12	51.	0.002	246	0.	0.74	34.	0.001	228	0.	0.68	31.	0.001
3005	16.96	16.96	282	0.	0.84	38.	0.002	174	0.	0.52	24.	0.001	159	0.	0.48	22.	0.001
3006	16.96	16.96	310	0.	0.93	42.	0.002	184	0.	0.55	25.	0.001	167	0.	0.50	23.	0.001
3007	16.96	16.96	398	0.	1.19	54.	0.002	232	0.	0.69	32.	0.001	208	0.	0.62	28.	0.001
3008	16.96	16.96	581	0.	1.74	79.	0.003	344	0.	1.03	47.	0.002	311	0.	0.93	42.	0.002
3009	16.96	16.96	236	0.	0.71	32.	0.001	137	0.	0.41	19.	0.001	124	0.	0.37	17.	0.001
3010	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3011	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3015	16.96	16.96	35	0.	0.10	5.	0.000	26	0.	0.08	4.	0.000	25	0.	0.07	3.	0.000
3016	16.96	16.96	40	0.	0.12	5.	0.000	30	0.	0.09	4.	0.000	29	0.	0.09	4.	0.000
3017	16.96	16.96	55	0.	0.17	8.	0.000	42	0.	0.12	6.	0.000	40	0.	0.12	5.	0.000
3018	16.96	16.96	52	0.	0.16	7.	0.000	40	0.	0.12	5.	0.000	38	0.	0.11	5.	0.000
3019	16.96	16.96	65	0.	0.20	9.	0.000	44	0.	0.13	6.	0.000	42	0.	0.12	6.	0.000
3020	16.96	16.96	244	0.	0.73	33.	0.001	161	0.	0.48	22.	0.001	150	0.	0.45	20.	0.001
3021	16.96	16.96	214	0.	0.64	29.	0.001	141	0.	0.42	19.	0.001	131	0.	0.39	18.	0.001
3022	16.96	16.96	98	0.	0.29	13.	0.001	64	0.	0.19	9.	0.000	60	0.	0.18	8.	0.000
3023	16.96	16.96	114	0.	0.34	16.	0.001	76	0.	0.23	10.	0.000	71	0.	0.21	10.	0.000
3024	16.96	16.96	668	0.	2.00	91.	0.004	443	0.	1.32	60.	0.003	412	0.	1.23	56.	0.002
3025	16.96	16.96	575	0.	1.72	78.	0.003	383	0.	1.14	52.	0.002	356	0.	1.06	48.	0.002
3026	16.96	16.96	295	0.	0.88	40.	0.002	189	0.	0.57	26.	0.001	174	0.	0.52	24.	0.001
3027	16.96	16.96	823	0.	2.46	112.	0.005	486	0.	1.45	66.	0.003	439	0.	1.31	60.	0.002
3028	16.96	16.96	356	0.	1.06	48.	0.002	210	0.	0.63	29.	0.001	190	0.	0.57	26.	0.001
3029	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3030	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3031	16.96	16.96	412	0.	1.23	56.	0.002	245	0.	0.73	33.	0.001	221	0.	0.66	30.	0.001
3041	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3042	16.96	16.96	16	0.	0.05	2.	0.000	12	0.	0.03	2.	0.000	11	0.	0.03	2.	0.000
3043	16.96	16.96	21	0.	0.06	3.	0.000	15	0.	0.04	2.	0.000	14	0.	0.04	2.	0.000
3044	16.96	16.96	138	0.	0.41	19.	0.001	90	0.	0.27	12.	0.001	84	0.	0.25	11.	0.000
3045	16.96	16.96	80	0.	0.24	11.	0.000	53	0.	0.16	7.	0.000	49	0.	0.15	7.	0.000
3046	16.96	16.96	94	0.	0.28	13.	0.001	63	0.	0.19	9.	0.000	58	0.	0.17	8.	0.000
3047	16.96	16.96	362	0.	1.08	49.	0.002	240	0.	0.72	33.	0.001	223	0.	0.67	30.	0.001
3048	16.96	16.96	738	0.	2.21	100.	0.004	489	0.	1.46	67.	0.003	455	0.	1.36	62.	0.003
3049	16.96	16.96	383	0.	1.14	52.	0.002	252	0.	0.75	34.	0.001	233	0.	0.70	32.	0.001
3050	16.96	16.96	282	0.	0.84	38.	0.002	174	0.	0.52	24.	0.001	159	0.	0.48	22.	0.001
3051	16.96	16.96	316	0.	0.95	43.	0.002	189	0.	0.56	26.	0.001	171	0.	0.51	23.	0.001
3052	16.96	16.96	398	0.	1.19	54.	0.002	231	0.	0.69	31.	0.001	208	0.	0.62	28.	0.001
3053	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3054	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3055	16.96	16.96	0.	0.	0.00	1.	0.000	0.	0.	0.00	1.	0.000	0.	0.	0.00	1.	0.000
3056	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3057	16.96	16.96	626	0.	1.87	85.	0.004	372	0.	1.11	51.	0.002	336	0.	1.00	46.	0.002
3060	16.96	16.96	5	0.	0.02	1.	0.000	4	0.	0.01	1.	0.000	4	0.	0.01	1.	0.000
3061	16.96	16.96	22	0.	0.06	3.	0.000	16	0.	0.05	2.	0.000	16	0.	0.05	2.	0.000
3062	16.96	16.96	32	0.	0.10	4.	0.000	25	0.	0.07	3.	0.000	24	0.	0.07	3.	0.000
3063	16.96	16.96	24	0.	0.07	3.	0.000	18	0.	0.06	3.	0.000	18	0.	0.05	2.	0.000
3064	16.96	16.96	26	0.	0.08	4.	0.000	18	0.	0.05	2.	0.000	16	0.	0.05	2.	0.000
3065	16.96	16.96	137	0.	0.41	19.	0.001	90	0.	0.27	12.	0.001	84	0.	0.25	11.	0.000
3066	16.96	16.96	115	0.	0.34	16.	0.001	76	0.	0.23	10.	0.000	70	0.	0.21	10.	0.000
3067	16.96	16.96	140	0.	0.42	19.	0.001	93	0.	0.28	13.	0.001	86	0.	0.26	12.	0.000

3068	16.96	16.96	116	0.	0.35	16.	0.001	77	0.	0.23	10.	0.000	72	0.	0.21	10.	0.000
3069	16.96	16.96	519	0.	1.55	71.	0.003	343	0.	1.03	47.	0.002	319	0.	0.96	43.	0.002
3070	16.96	16.96	554	0.	1.66	75.	0.003	367	0.	1.10	50.	0.002	341	0.	1.02	46.	0.002
3071	16.96	16.96	283	0.	0.85	38.	0.002	181	0.	0.54	25.	0.001	167	0.	0.50	23.	0.001
3072	16.96	16.96	877	0.	2.62	119.	0.005	518	0.	1.55	70.	0.003	468	0.	1.40	64.	0.003
3073	16.96	16.96	425	0.	1.27	58.	0.002	251	0.	0.75	34.	0.001	227	0.	0.68	31.	0.001
3074	16.96	16.96	0.	1	0.00	2.	0.000	0.	0.	0.00	1.	0.000	0.	0.	0.00	1.	0.000
3075	16.96	16.96	242	0.	0.72	33.	0.001	141	0.	0.42	19.	0.001	128	0.	0.38	17.	0.001
3076	16.96	16.96	699	0.	2.09	95.	0.004	414	0.	1.24	56.	0.002	375	0.	1.12	51.	0.002
3085	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3086	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3087	16.96	16.96	1	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3088	16.96	16.96	41	0.	0.12	6.	0.000	27	0.	0.08	4.	0.000	25	0.	0.08	3.	0.000
3089	16.96	16.96	71	0.	0.21	10.	0.000	47	0.	0.14	6.	0.000	43	0.	0.13	6.	0.000
3090	16.96	16.96	47	0.	0.14	6.	0.000	31	0.	0.09	4.	0.000	29	0.	0.09	4.	0.000
3091	16.96	16.96	142	0.	0.42	19.	0.001	94	0.	0.28	13.	0.001	87	0.	0.26	12.	0.000
3092	16.96	16.96	242	0.	0.72	33.	0.001	160	0.	0.48	22.	0.001	149	0.	0.45	20.	0.001
3093	16.96	16.96	557	0.	1.67	76.	0.003	369	0.	1.10	50.	0.002	343	0.	1.03	47.	0.002
3094	16.96	16.96	363	0.	1.09	49.	0.002	239	0.	0.71	32.	0.001	221	0.	0.66	30.	0.001
3095	16.96	16.96	272	0.	0.81	37.	0.002	168	0.	0.50	23.	0.001	153	0.	0.46	21.	0.001
3096	16.96	16.96	326	0.	0.97	44.	0.002	195	0.	0.58	27.	0.001	177	0.	0.53	24.	0.001
3097	16.96	16.96	462	0.	1.38	63.	0.003	271	0.	0.81	37.	0.002	244	0.	0.73	33.	0.001
3098	16.96	16.96	21	0.	0.06	3.	0.000	13	0.	0.04	2.	0.000	11	0.	0.03	2.	0.000
3099	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3100	16.96	16.96	0.	0.	0.00	1.	0.000	0.	0.	0.00	1.	0.000	0.	0.	0.00	1.	0.000
3101	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3102	16.96	16.96	587	0.	1.76	80.	0.003	348	0.	1.04	47.	0.002	315	0.	0.94	43.	0.002
3103	16.96	16.96	515	0.	1.54	70.	0.003	306	0.	0.91	42.	0.002	276	0.	0.83	38.	0.002
3105	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3106	16.96	16.96	13	0.	0.04	2.	0.000	9	0.	0.03	1.	0.000	9	0.	0.03	1.	0.000
3107	16.96	16.96	29	0.	0.09	4.	0.000	22	0.	0.07	3.	0.000	22	0.	0.06	3.	0.000
3108	16.96	16.96	25	0.	0.08	3.	0.000	19	0.	0.06	3.	0.000	19	0.	0.06	3.	0.000
3109	16.96	16.96	1	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3110	16.96	16.96	58	0.	0.17	8.	0.000	38	0.	0.11	5.	0.000	35	0.	0.11	5.	0.000
3111	16.96	16.96	133	0.	0.40	18.	0.001	88	0.	0.26	12.	0.000	82	0.	0.24	11.	0.000
3112	16.96	16.96	77	0.	0.23	10.	0.000	51	0.	0.15	7.	0.000	48	0.	0.14	6.	0.000
3113	16.96	16.96	352	0.	1.05	48.	0.002	233	0.	0.70	32.	0.001	216	0.	0.65	29.	0.001
3114	16.96	16.96	455	0.	1.36	62.	0.003	301	0.	0.90	41.	0.002	280	0.	0.84	38.	0.002
3115	16.96	16.96	255	0.	0.76	35.	0.001	163	0.	0.49	22.	0.001	150	0.	0.45	20.	0.001
3116	16.96	16.96	768	0.	2.30	105.	0.004	453	0.	1.36	62.	0.003	409	0.	1.22	56.	0.002
3117	16.96	16.96	595	0.	1.78	81.	0.003	352	0.	1.05	48.	0.002	318	0.	0.95	43.	0.002
3118	16.96	16.96	0.	1	0.00	2.	0.000	0.	0.	0.00	1.	0.000	0.	0.	0.00	1.	0.000
3119	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3120	16.96	16.96	771	0.	2.30	105.	0.004	457	0.	1.37	62.	0.003	413	0.	1.23	56.	0.002
3121	16.96	16.96	312	0.	0.93	42.	0.002	186	0.	0.56	25.	0.001	169	0.	0.50	23.	0.001
3129	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3130	16.96	16.96	4	0.	0.01	1.	0.000	3	0.	0.01	0.	0.000	3	0.	0.01	0.	0.000
3131	16.96	16.96	41	0.	0.12	6.	0.000	27	0.	0.08	4.	0.000	25	0.	0.07	3.	0.000
3132	16.96	16.96	48	0.	0.14	6.	0.000	31	0.	0.09	4.	0.000	29	0.	0.09	4.	0.000
3133	16.96	16.96	134	0.	0.40	18.	0.001	88	0.	0.26	12.	0.000	82	0.	0.25	11.	0.000
3134	16.96	16.96	135	0.	0.40	18.	0.001	89	0.	0.27	12.	0.001	83	0.	0.25	11.	0.000
3135	16.96	16.96	386	0.	1.15	53.	0.002	255	0.	0.76	35.	0.001	237	0.	0.71	32.	0.001
3136	16.96	16.96	300	0.	0.90	41.	0.002	197	0.	0.59	27.	0.001	183	0.	0.55	25.	0.001
3137	16.96	16.96	243	0.	0.73	33.	0.001	150	0.	0.45	20.	0.001	137	0.	0.41	19.	0.001
3138	16.96	16.96	308	0.	0.92	42.	0.002	184	0.	0.55	25.	0.001	167	0.	0.50	23.	0.001
3139	16.96	16.96	453	0.	1.35	62.	0.003	267	0.	0.80	36.	0.002	241	0.	0.72	33.	0.001
3140	16.96	16.96	338	0.	1.01	46.	0.002	200	0.	0.60	27.	0.001	181	0.	0.54	25.	0.001
3141	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3142	16.96	16.96	0.	0.	0.00	1.	0.000	0.	0.	0.00	1.	0.000	0.	0.	0.00	0.	0.000
3143	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3144	16.96	16.96	361	0.	1.08	49.	0.002	213	0.	0.64	29.	0.001	193	0.	0.58	26.	0.001
3145	16.96	16.96	495	0.	1.48	67.	0.003	293	0.	0.88	40.	0.002	265	0.	0.79	36.	0.001
3147	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3148	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3149	16.96	16.96	18	0.	0.05	2.	0.000	13	0.	0.04	2.	0.000	13	0.	0.04	2.	0.000
3150	16.96	16.96	19	0.	0.06	3.	0.000	15	0.	0.04	2.	0.000	14	0.	0.04	2.	0.000
3151	16.96	16.96	32	0.	0.09	4.	0.000	21	0.	0.06	3.	0.000	20	0.	0.06	3.	0.000
3152	16.96	16.96	61	0.	0.18	8.	0.000	40	0.	0.12	5.	0.000	37	0.	0.11	5.	0.000
3153	16.96	16.96	46	0.	0.14	6.	0.000	30	0.	0.09	4.	0.000	28	0.	0.08	4.	0.000
3154	16.96	16.96	211	0.	0.63	29.	0.001	140	0.	0.42	19.	0.001	130	0.	0.39	18.	0.001
3155	16.96	16.96	252	0.	0.75	34.	0.001	168	0.	0.50	23.	0.001	156	0.	0.47	21.	0.001
3156	16.96	16.96	209	0.	0.62	28.	0.001	134	0.	0.40	18.	0.001	124	0.	0.37	17.	0.001
3157	16.96	16.96	604	0.	1.81	82.	0.003	355	0.	1.06	48.	0.002	321	0.	0.96	44.	0.002
3158	16.96	16.96	549	0.	1.64	75.	0.003	323	0.	0.97	44.	0.002	292	0.	0.87	40.	0.002
3159	16.96	16.96	0.	0.	0.00	1.	0.000	0.	0.	0.00	1.	0.000	0.	0.	0.00	1.	0.000
3160	16.96	16.96	30	0.	0.09	4.	0.000	18	0.	0.05	2.	0.000	16	0.	0.05	2.	0.000
3161	16.96	16.96	827	0.	2.47	112.	0.005	489	0.	1.46	67.	0.003	443	0.	1.32	60.	0.003
3162	16.96	16.96	308	0.	0.92	42.	0.002	184	0.	0.55	25.	0.001	166	0.	0.50	23.	0.001
3170	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3171	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3172	16.96	16.96	29	0.	0.09	4.	0.000	19	0.	0.06	3.	0.000	18	0.	0.05	2.	0.000
3173	16.96	16.96	49	0.	0.15	7.	0.000	33	0.	0.10	4.	0.000	30	0.	0.09	4.	0.000
3174	16.96	16.96	62	0.	0.18	8.	0.000	40	0.	0.12	6.	0.000	38	0.	0.11	5.	0.000
3175	16.96	16.96	69	0.	0.21	9.	0.000	46	0.	0.14	6.	0.000	43	0.	0.13	6.	0.000
3176	16.96	16.96	243	0.	0.73	33.	0.001	161	0.	0.48	22.	0.001	150	0.	0.45	20.	0.001
3177	16.96	16.96	209	0.	0.63	28.	0.001	137	0.	0.41	19.	0.001	128	0.	0.38	17.	0.001
3178	16.96	16.96	198	0.	0.59	27.	0.001	122	0.	0.36	17.	0.001	111	0.	0.33	15.	0.001
3179	16.96	16.96	253	0.	0.76	34.	0.001	151	0.	0.45	21.	0.001	137	0.	0.41	19.	0.001
3180	16.96	16.96	371	0.	1.11	50.	0.002	218	0.	0.65	30.	0.001	197	0.	0.59	27.	0.001
3181	16.96	16.96	361	0.	1.08	49.	0.002	213	0.	0.64	29.	0.001	192	0.	0.57	26.	0.001
3182	16.96	16.96	15	0.	0.05	2.	0.000	8	0.	0.03	1.	0.000	8	0.	0.02	1.	0.000
3183	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3184	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3185	16.96	16.96	429	0.	1.28	58.	0.002	255	0.	0.76	35.	0.001	230	0.	0.69	31.	0.001
3186	16.96	16.96	440	0.	1.32	60.	0.002	259	0.	0.78	35.	0.001	234	0.	0.70	32.	0.001
3187	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3188	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3189	16.96	16.96	24	0.	0.07	3.	0.000	20	0.	0.06	3.	0.000	17	0.	0.05	2.	0.000
3190	16.96	16.96	14	0.	0.04	2.	0.000	10	0.	0.03	1.	0.000	10	0.	0.03	1.	0.000
3191	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3192	16.96	16.96	29	0.	0.09	4.	0.000	19	0.	0.06	3.	0.000	17	0.	0.05	2.	0.000
3193	16.96	16.96	47	0.	0.14	6.	0.000	31	0.	0.09	4.	0.000	29	0.	0.09	4.	0.000

3194	16.96	16.96	113	0.	0.34	15.	0.001	75	0.	0.22	10.	0.000	70	0.	0.21	9.	0.000
3195	16.96	16.96	119	0.	0.35	16.	0.001	80	0.	0.24	11.	0.000	74	0.	0.22	10.	0.000
3196	16.96	16.96	154	0.	0.46	21.	0.001	99	0.	0.29	13.	0.001	91	0.	0.27	12.	0.001
3197	16.96	16.96	455	0.	1.36	62.	0.003	268	0.	0.80	36.	0.002	242	0.	0.72	33.	0.001
3198	16.96	16.96	425	0.	1.27	58.	0.002	250	0.	0.75	34.	0.001	226	0.	0.67	31.	0.001
3199	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3200	16.96	16.96	345	0.	1.03	47.	0.002	204	0.	0.61	28.	0.001	185	0.	0.55	25.	0.001
3201	16.96	16.96	878	0.	2.63	119.	0.005	520	0.	1.56	71.	0.003	470	0.	1.41	64.	0.003
3202	16.96	16.96	297	0.	0.89	40.	0.002	177	0.	0.53	24.	0.001	160	0.	0.48	22.	0.001
3210	16.96	16.96	3	0.	0.01	0.	0.000	3	0.	0.01	0.	0.000	2	0.	0.01	0.	0.000
3211	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3212	16.96	16.96	40	0.	0.12	5.	0.000	27	0.	0.08	4.	0.000	25	0.	0.07	3.	0.000
3213	16.96	16.96	47	0.	0.14	6.	0.000	31	0.	0.09	4.	0.000	29	0.	0.09	4.	0.000
3214	16.96	16.96	30	0.	0.09	4.	0.000	19	0.	0.06	3.	0.000	18	0.	0.05	2.	0.000
3215	16.96	16.96	39	0.	0.12	5.	0.000	26	0.	0.08	4.	0.000	24	0.	0.07	3.	0.000
3216	16.96	16.96	134	0.	0.40	18.	0.001	89	0.	0.27	12.	0.001	83	0.	0.25	11.	0.000
3217	16.96	16.96	128	0.	0.38	17.	0.001	84	0.	0.25	11.	0.000	78	0.	0.23	11.	0.000
3218	16.96	16.96	145	0.	0.43	20.	0.001	89	0.	0.27	12.	0.001	81	0.	0.24	11.	0.000
3219	16.96	16.96	176	0.	0.53	24.	0.001	105	0.	0.31	14.	0.001	95	0.	0.28	13.	0.001
3220	16.96	16.96	189	0.	0.57	26.	0.001	106	0.	0.32	14.	0.001	95	0.	0.28	13.	0.001
3221	16.96	16.96	296	0.	0.89	40.	0.002	174	0.	0.52	24.	0.001	157	0.	0.47	21.	0.001
3222	16.96	16.96	94	0.	0.28	13.	0.001	55	0.	0.16	7.	0.000	50	0.	0.15	7.	0.000
3223	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3224	16.96	16.96	22	0.	0.07	3.	0.000	12	0.	0.04	2.	0.000	11	0.	0.03	1.	0.000
3225	16.96	16.96	601	0.	1.80	82.	0.003	356	0.	1.06	48.	0.002	322	0.	0.96	44.	0.002
3226	16.96	16.96	440	0.	1.31	60.	0.002	258	0.	0.77	35.	0.001	233	0.	0.70	32.	0.001
3227	16.96	16.96	217	0.	0.65	29.	0.001	132	0.	0.40	18.	0.001	120	0.	0.36	16.	0.001
3228	16.96	16.96	23	0.	0.07	3.	0.000	20	0.	0.06	3.	0.000	17	0.	0.05	2.	0.000
3229	16.96	16.96	31	0.	0.09	4.	0.000	25	0.	0.07	3.	0.000	22	0.	0.07	3.	0.000
3230	16.96	16.96	26	0.	0.08	4.	0.000	19	0.	0.06	3.	0.000	19	0.	0.06	3.	0.000
3231	16.96	16.96	1	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000
3232	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3233	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3234	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3235	16.96	16.96	1	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000
3236	16.96	16.96	46	0.	0.14	6.	0.000	31	0.	0.09	4.	0.000	29	0.	0.09	4.	0.000
3237	16.96	16.96	55	0.	0.16	7.	0.000	37	0.	0.11	5.	0.000	34	0.	0.10	5.	0.000
3238	16.96	16.96	43	0.	0.13	6.	0.000	29	0.	0.09	4.	0.000	28	0.	0.08	4.	0.000
3239	16.96	16.96	101	0.	0.30	14.	0.001	65	0.	0.19	9.	0.000	60	0.	0.18	8.	0.000
3240	16.96	16.96	314	0.	0.94	43.	0.002	185	0.	0.55	25.	0.001	167	0.	0.50	23.	0.001
3241	16.96	16.96	287	0.	0.86	39.	0.002	169	0.	0.50	23.	0.001	153	0.	0.46	21.	0.001
3242	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3243	16.96	16.96	367	0.	1.10	50.	0.002	216	0.	0.65	29.	0.001	195	0.	0.58	27.	0.001
3244	16.96	16.96	776	0.	2.32	106.	0.004	459	0.	1.37	62.	0.003	415	0.	1.24	56.	0.002
3245	16.96	16.96	293	0.	0.88	40.	0.002	174	0.	0.52	24.	0.001	157	0.	0.47	21.	0.001
3246	16.96	16.96	188	0.	0.56	26.	0.001	130	0.	0.39	18.	0.001	122	0.	0.36	17.	0.001
3253	16.96	16.96	19	0.	0.06	3.	0.000	16	0.	0.05	2.	0.000	14	0.	0.04	2.	0.000
3254	16.96	16.96	13	0.	0.04	2.	0.000	11	0.	0.03	1.	0.000	9	0.	0.03	1.	0.000
3255	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3256	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3257	16.96	16.96	27	0.	0.08	4.	0.000	19	0.	0.06	3.	0.000	17	0.	0.05	2.	0.000
3258	16.96	16.96	52	0.	0.15	7.	0.000	35	0.	0.10	5.	0.000	32	0.	0.10	4.	0.000
3259	16.96	16.96	69	0.	0.21	9.	0.000	45	0.	0.13	6.	0.000	42	0.	0.13	6.	0.000
3260	16.96	16.96	95	0.	0.28	13.	0.001	58	0.	0.17	8.	0.000	53	0.	0.16	7.	0.000
3261	16.96	16.96	108	0.	0.32	15.	0.001	64	0.	0.19	9.	0.000	58	0.	0.17	8.	0.000
3262	16.96	16.96	79	0.	0.24	11.	0.000	41	0.	0.12	6.	0.000	35	0.	0.11	5.	0.000
3263	16.96	16.96	198	0.	0.59	27.	0.001	116	0.	0.35	16.	0.001	105	0.	0.31	14.	0.001
3264	16.96	16.96	96	0.	0.29	13.	0.001	56	0.	0.17	8.	0.000	51	0.	0.15	7.	0.000
3265	16.96	16.96	79	0.	0.24	11.	0.000	47	0.	0.14	6.	0.000	43	0.	0.13	6.	0.000
3266	16.96	16.96	98	0.	0.29	13.	0.001	57	0.	0.17	8.	0.000	52	0.	0.15	7.	0.000
3267	16.96	16.96	555	0.	1.66	75.	0.003	327	0.	0.98	45.	0.002	296	0.	0.89	40.	0.002
3268	16.96	16.96	487	0.	1.46	66.	0.003	287	0.	0.86	39.	0.002	259	0.	0.78	35.	0.001
3269	16.96	16.96	42	0.	0.12	6.	0.000	34	0.	0.10	5.	0.000	30	0.	0.09	4.	0.000
3270	16.96	16.96	43	0.	0.13	6.	0.000	35	0.	0.10	5.	0.000	31	0.	0.09	4.	0.000
3271	16.96	16.96	9	0.	0.03	1.	0.000	6	0.	0.02	1.	0.000	7	0.	0.02	1.	0.000
3272	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3273	16.96	16.96	5	0.	0.01	1.	0.000	5	0.	0.01	1.	0.000	4	0.	0.01	1.	0.000
3274	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3275	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3276	16.96	16.96	40	0.	0.12	5.	0.000	27	0.	0.08	4.	0.000	25	0.	0.07	3.	0.000
3277	16.96	16.96	29	0.	0.09	4.	0.000	20	0.	0.06	3.	0.000	19	0.	0.06	3.	0.000
3278	16.96	16.96	20	0.	0.06	3.	0.000	13	0.	0.04	2.	0.000	12	0.	0.04	2.	0.000
3279	16.96	16.96	57	0.	0.17	8.	0.000	36	0.	0.11	5.	0.000	33	0.	0.10	5.	0.000
3280	16.96	16.96	197	0.	0.59	27.	0.001	115	0.	0.34	16.	0.001	104	0.	0.31	14.	0.001
3281	16.96	16.96	172	0.	0.51	23.	0.001	101	0.	0.30	14.	0.001	91	0.	0.27	12.	0.001
3282	16.96	16.96	80	0.	0.24	11.	0.000	47	0.	0.14	6.	0.000	43	0.	0.13	6.	0.000
3283	16.96	16.96	301	0.	0.90	41.	0.002	177	0.	0.53	24.	0.001	160	0.	0.48	22.	0.001
3284	16.96	16.96	613	0.	1.83	83.	0.003	362	0.	1.08	49.	0.002	327	0.	0.98	45.	0.002
3285	16.96	16.96	297	0.	0.89	40.	0.002	176	0.	0.53	24.	0.001	159	0.	0.48	22.	0.001
3286	16.96	16.96	431	0.	1.29	59.	0.002	293	0.	0.88	40.	0.002	274	0.	0.82	37.	0.002
3292	16.96	16.96	34	0.	0.10	5.	0.000	29	0.	0.09	4.	0.000	25	0.	0.07	3.	0.000
3293	16.96	16.96	50	0.	0.15	7.	0.000	41	0.	0.12	6.	0.000	36	0.	0.11	5.	0.000
3294	16.96	16.96	37	0.	0.11	5.	0.000	30	0.	0.09	4.	0.000	27	0.	0.08	4.	0.000
3295	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3296	16.96	16.96	36	0.	0.11	5.	0.000	24	0.	0.07	3.	0.000	22	0.	0.07	3.	0.000
3297	16.96	16.96	13	0.	0.04	2.	0.000	9	0.	0.03	1.	0.000	9	0.	0.03	1.	0.000
3298	16.96	16.96	27	0.	0.08	4.	0.000	18	0.	0.05	2.	0.000	16	0.	0.05	2.	0.000
3299	16.96	16.96	54	0.	0.16	7.	0.000	33	0.	0.10	4.	0.000	30	0.	0.09	4.	0.000
3300	16.96	16.96	59	0.	0.18	8.	0.000	35	0.	0.10	5.	0.000	32	0.	0.09	4.	0.000
3301	16.96	16.96	27	0.	0.08	4.	0.000	14	0.	0.04	2.	0.000	12	0.	0.04	2.	0.000
3302	16.96	16.96	110	0.	0.33	15.	0.001	64	0.	0.19	9.	0.000	58	0.	0.17	8.	0.000
3303	16.96	16.96	63	0.	0.19	9.	0.000	37	0.	0.11	5.	0.000	34	0.	0.10	5.	0.000
3304	16.96	16.96	116	0.	0.35	16.	0.001	69	0.	0.21	9.	0.000	62	0.	0.19	8.	0.000
3305	16.96	16.96	98	0.	0.29	13.	0.001	58	0.	0.17	8.	0.000	52	0.	0.16	7.	0.000
3306	16.96	16.96	429	0.	1.28	58.	0.002	253	0.	0.76	34.	0.001	229	0.	0.68	31.	0.001
3307	16.96	16.96	461	0.	1.38	63.	0.003	272	0.	0.81	37.	0.002	246	0.	0.74	33.	0.001
3308	16.96	16.96	24	0.	0.07	3.	0.000	21	0.	0.06	3.	0.000	18	0.	0.05	2.	0.000
3309	16.96	16.96	74	0.	0.22	10.	0.000	60	0.	0.18	8.	0.000	54	0.	0.16	7.	0.000
3310	16.96	16.96	39	0.	0.12	5.	0.000	31	0.	0.09	4.	0.000	28	0.	0.08	4.	0.000
3311	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3312	16.96	16.96	6	0.	0.02	1.	0.000	4	0.	0.01	1.	0.000	4	0.	0.01	1.	0.000
3313	16.96	16.96	24	0.	0.07	3.	0.000	17	0.	0.05	2.	0.000	16	0.	0.05	2.	0.000

3314	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3315	16.96	16.96	23	0.	0.07	3.	0.000	14	0.	0.04	2.	0.000	13	0.	0.04	2.	0.000
3316	16.96	16.96	107	0.	0.32	15.	0.001	62	0.	0.19	8.	0.000	56	0.	0.17	8.	0.000
3317	16.96	16.96	90	0.	0.27	12.	0.001	53	0.	0.16	7.	0.000	48	0.	0.14	6.	0.000
3318	16.96	16.96	116	0.	0.35	16.	0.001	69	0.	0.21	9.	0.000	62	0.	0.19	8.	0.000
3319	16.96	16.96	201	0.	0.60	27.	0.001	118	0.	0.35	16.	0.001	107	0.	0.32	15.	0.001
3320	16.96	16.96	460	0.	1.38	63.	0.003	271	0.	0.81	37.	0.002	245	0.	0.73	33.	0.001
3321	16.96	16.96	286	0.	0.85	39.	0.002	170	0.	0.51	23.	0.001	154	0.	0.46	21.	0.001
3322	16.96	16.96	411	0.	1.23	56.	0.002	277	0.	0.83	38.	0.002	258	0.	0.77	35.	0.001
3327	16.96	16.96	52	0.	0.15	7.	0.000	44	0.	0.13	6.	0.000	38	0.	0.11	5.	0.000
3328	16.96	16.96	106	0.	0.32	14.	0.001	85	0.	0.25	12.	0.000	76	0.	0.23	10.	0.000
3329	16.96	16.96	84	0.	0.25	11.	0.000	68	0.	0.20	9.	0.000	61	0.	0.18	8.	0.000
3330	16.96	16.96	22	0.	0.07	3.	0.000	17	0.	0.05	2.	0.000	16	0.	0.05	2.	0.000
3331	16.96	16.96	59	0.	0.18	8.	0.000	43	0.	0.13	6.	0.000	40	0.	0.12	5.	0.000
3332	16.96	16.96	12	0.	0.03	2.	0.000	9	0.	0.03	1.	0.000	8	0.	0.02	1.	0.000
3333	16.96	16.96	3	0.	0.01	0.	0.000	3	0.	0.01	0.	0.000	2	0.	0.01	0.	0.000
3334	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3335	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3336	16.96	16.96	23	0.	0.07	3.	0.000	14	0.	0.04	2.	0.000	13	0.	0.04	2.	0.000
3337	16.96	16.96	24	0.	0.07	3.	0.000	14	0.	0.04	2.	0.000	13	0.	0.04	2.	0.000
3338	16.96	16.96	14	0.	0.04	2.	0.000	7	0.	0.02	1.	0.000	7	0.	0.02	1.	0.000
3339	16.96	16.96	56	0.	0.17	8.	0.000	32	0.	0.10	4.	0.000	29	0.	0.09	4.	0.000
3340	16.96	16.96	37	0.	0.11	5.	0.000	22	0.	0.06	3.	0.000	20	0.	0.06	3.	0.000
3341	16.96	16.96	109	0.	0.33	15.	0.001	64	0.	0.19	9.	0.000	58	0.	0.17	8.	0.000
3342	16.96	16.96	65	0.	0.20	9.	0.000	38	0.	0.11	5.	0.000	35	0.	0.10	5.	0.000
3343	16.96	16.96	291	0.	0.87	40.	0.002	171	0.	0.51	23.	0.001	155	0.	0.46	21.	0.001
3344	16.96	16.96	376	0.	1.12	51.	0.002	222	0.	0.66	30.	0.001	201	0.	0.60	27.	0.001
3345	16.96	16.96	172	0.	0.51	23.	0.001	113	0.	0.34	15.	0.001	104	0.	0.31	14.	0.001
3346	16.96	16.96	209	0.	0.62	28.	0.001	142	0.	0.43	19.	0.001	133	0.	0.40	18.	0.001
3347	16.96	16.96	222	0.	0.66	30.	0.001	173	0.	0.52	24.	0.001	161	0.	0.48	22.	0.001
3348	16.96	16.96	92	0.	0.27	12.	0.001	70	0.	0.21	10.	0.000	66	0.	0.20	9.	0.000
3349	16.96	16.96	205	0.	0.61	28.	0.001	169	0.	0.51	23.	0.001	152	0.	0.45	21.	0.001
3350	16.96	16.96	94	0.	0.28	13.	0.001	73	0.	0.22	10.	0.000	66	0.	0.20	9.	0.000
3351	16.96	16.96	10	0.	0.03	1.	0.000	7	0.	0.02	1.	0.000	7	0.	0.02	1.	0.000
3352	16.96	16.96	38	0.	0.11	5.	0.000	27	0.	0.08	4.	0.000	25	0.	0.08	3.	0.000
3353	16.96	16.96	54	0.	0.16	7.	0.000	40	0.	0.12	5.	0.000	37	0.	0.11	5.	0.000
3354	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3355	16.96	16.96	2	0.	0.01	0.	0.000	1	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000
3356	16.96	16.96	40	0.	0.12	5.	0.000	23	0.	0.07	3.	0.000	21	0.	0.06	3.	0.000
3357	16.96	16.96	44	0.	0.13	6.	0.000	26	0.	0.08	3.	0.000	23	0.	0.07	3.	0.000
3358	16.96	16.96	110	0.	0.33	15.	0.001	65	0.	0.19	9.	0.000	58	0.	0.17	8.	0.000
3359	16.96	16.96	113	0.	0.34	15.	0.001	66	0.	0.20	9.	0.000	60	0.	0.18	8.	0.000
3360	16.96	16.96	317	0.	0.95	43.	0.002	187	0.	0.56	25.	0.001	169	0.	0.50	23.	0.001
3361	16.96	16.96	394	0.	1.18	54.	0.002	267	0.	0.80	36.	0.002	250	0.	0.75	34.	0.001
3362	16.96	16.96	332	0.	0.99	45.	0.002	221	0.	0.66	30.	0.001	206	0.	0.61	28.	0.001
3366	16.96	16.96	78	0.	0.23	11.	0.000	66	0.	0.20	9.	0.000	58	0.	0.17	8.	0.000
3367	16.96	16.96	188	0.	0.56	26.	0.001	151	0.	0.45	20.	0.001	136	0.	0.41	18.	0.001
3368	16.96	16.96	164	0.	0.49	22.	0.001	130	0.	0.39	18.	0.001	118	0.	0.35	16.	0.001
3369	16.96	16.96	74	0.	0.22	10.	0.000	56	0.	0.17	8.	0.000	52	0.	0.15	7.	0.000
3370	16.96	16.96	65	0.	0.19	9.	0.000	48	0.	0.14	6.	0.000	44	0.	0.13	6.	0.000
3371	16.96	16.96	53	0.	0.16	7.	0.000	39	0.	0.12	5.	0.000	36	0.	0.11	5.	0.000
3372	16.96	16.96	49	0.	0.15	7.	0.000	37	0.	0.11	5.	0.000	34	0.	0.10	5.	0.000
3373	16.96	16.96	48	0.	0.14	6.	0.000	35	0.	0.10	5.	0.000	32	0.	0.10	4.	0.000
3374	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3375	16.96	16.96	2	0.	0.01	0.	0.000	1	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000
3376	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3377	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3378	16.96	16.96	31	0.	0.09	4.	0.000	18	0.	0.05	2.	0.000	17	0.	0.05	2.	0.000
3379	16.96	16.96	38	0.	0.11	5.	0.000	22	0.	0.07	3.	0.000	20	0.	0.06	3.	0.000
3380	16.96	16.96	50	0.	0.15	7.	0.000	29	0.	0.09	4.	0.000	26	0.	0.08	4.	0.000
3381	16.96	16.96	39	0.	0.12	5.	0.000	23	0.	0.07	3.	0.000	21	0.	0.06	3.	0.000
3382	16.96	16.96	175	0.	0.52	24.	0.001	103	0.	0.31	14.	0.001	93	0.	0.28	13.	0.001
3383	16.96	16.96	215	0.	0.64	29.	0.001	126	0.	0.38	17.	0.001	114	0.	0.34	16.	0.001
3384	16.96	16.96	153	0.	0.46	21.	0.001	101	0.	0.30	14.	0.001	93	0.	0.28	13.	0.001
3385	16.96	16.96	205	0.	0.61	28.	0.001	138	0.	0.41	19.	0.001	129	0.	0.39	18.	0.001
3386	16.96	16.96	135	0.	0.40	18.	0.001	102	0.	0.30	14.	0.001	97	0.	0.29	13.	0.001
3387	16.96	16.96	263	0.	0.79	36.	0.001	212	0.	0.63	29.	0.001	193	0.	0.58	26.	0.001
3388	16.96	16.96	162	0.	0.48	22.	0.001	132	0.	0.39	18.	0.001	119	0.	0.36	16.	0.001
3389	16.96	16.96	173	0.	0.52	24.	0.001	133	0.	0.40	18.	0.001	121	0.	0.36	17.	0.001
3390	16.96	16.96	40	0.	0.12	5.	0.000	29	0.	0.09	4.	0.000	27	0.	0.08	4.	0.000
3391	16.96	16.96	113	0.	0.34	15.	0.001	83	0.	0.25	11.	0.000	77	0.	0.23	10.	0.000
3392	16.96	16.96	67	0.	0.20	9.	0.000	50	0.	0.15	7.	0.000	46	0.	0.14	6.	0.000
3393	16.96	16.96	23	0.	0.07	3.	0.000	16	0.	0.05	2.	0.000	15	0.	0.04	2.	0.000
3394	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3395	16.96	16.96	9	0.	0.03	1.	0.000	5	0.	0.02	1.	0.000	5	0.	0.01	1.	0.000
3396	16.96	16.96	23	0.	0.07	3.	0.000	14	0.	0.04	2.	0.000	13	0.	0.04	2.	0.000
3397	16.96	16.96	51	0.	0.15	7.	0.000	30	0.	0.09	4.	0.000	27	0.	0.08	4.	0.000
3398	16.96	16.96	58	0.	0.17	8.	0.000	34	0.	0.10	5.	0.000	31	0.	0.09	4.	0.000
3399	16.96	16.96	201	0.	0.60	27.	0.001	118	0.	0.35	16.	0.001	107	0.	0.32	15.	0.001
3400	16.96	16.96	303	0.	0.91	41.	0.002	205	0.	0.61	28.	0.001	191	0.	0.57	26.	0.001
3401	16.96	16.96	408	0.	1.22	56.	0.002	275	0.	0.82	37.	0.002	256	0.	0.77	35.	0.001
3402	16.96	16.96	171	0.	0.51	23.	0.001	110	0.	0.33	15.	0.001	101	0.	0.30	14.	0.001
3405	16.96	16.96	310	0.	0.93	42.	0.002	246	0.	0.74	34.	0.001	223	0.	0.67	30.	0.001
3406	16.96	16.96	284	0.	0.85	39.	0.002	223	0.	0.67	30.	0.001	203	0.	0.61	28.	0.001
3407	16.96	16.96	119	0.	0.36	16.	0.001	88	0.	0.26	12.	0.000	82	0.	0.24	11.	0.000
3408	16.96	16.96	64	0.	0.19	9.	0.000	47	0.	0.14	6.	0.000	43	0.	0.13	6.	0.000
3409	16.96	16.96	99	0.	0.30	13.	0.001	73	0.	0.22	10.	0.000	68	0.	0.20	9.	0.000
3410	16.96	16.96	96	0.	0.29	13.	0.001	71	0.	0.21	10.	0.000	66	0.	0.20	9.	0.000
3411	16.96	16.96	37	0.	0.11	5.	0.000	27	0.	0.08	4.	0.000	25	0.	0.08	3.	0.000
3412	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3413	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3414	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3415	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3416	16.96	16.96	22	0.	0.07	3.	0.000	13	0.	0.04	2.	0.000	12	0.	0.04	2.	0.000
3417	16.96	16.96	38	0.	0.11	5.	0.000	23	0.	0.07	3.	0.000	21	0.	0.06	3.	0.000
3418	16.96	16.96	23	0.	0.07	3.	0.000	13	0.	0.04	2.	0.000	12	0.	0.03	2.	0.000
3419	16.96	16.96	40	0.	0.12	5.	0.000	24	0.	0.07	3.	0.000	21	0.	0.06	3.	0.000
3420	16.96	16.96	95	0.	0.28	13.	0.001	56	0.	0.17	8.	0.000	50	0.	0.15	7.	0.000
3421	16.96	16.96	115	0.	0.34	16.	0.001	75	0.	0.23	10.	0.000	70	0.	0.21	10.	0.000
3422	16.96	16.96	146	0.	0.44	20.	0.001	99	0.	0.30	13.	0.001	92	0.	0.28	13.	0.001
3423	16.96	16.96	25	0.	0.07	3.	0.000	5	0.	0.01	1.	0.000	19	0.	0.06	3.	0.000
3424	16.96	16.96	112	0.	0.34	15.	0.001	76	0.	0.23	10.	0.000	79	0.	0.24	11.	0.000

3425	16.96	16.96	154	0.	0.46	21.	0.001	113	0.	0.34	15.	0.001	111	0.	0.33	15.	0.001
3426	16.96	16.96	239	0.	0.71	33.	0.001	185	0.	0.55	25.	0.001	174	0.	0.52	24.	0.001
3427	16.96	16.96	249	0.	0.74	34.	0.001	195	0.	0.58	27.	0.001	180	0.	0.54	24.	0.001
3428	16.96	16.96	420	0.	1.26	57.	0.002	330	0.	0.99	45.	0.002	301	0.	0.90	41.	0.002
3429	16.96	16.96	268	0.	0.80	36.	0.002	204	0.	0.61	28.	0.001	187	0.	0.56	26.	0.001
3430	16.96	16.96	259	0.	0.77	35.	0.001	190	0.	0.57	26.	0.001	176	0.	0.53	24.	0.001
3431	16.96	16.96	247	0.	0.74	34.	0.001	182	0.	0.54	25.	0.001	168	0.	0.50	23.	0.001
3432	16.96	16.96	69	0.	0.21	9.	0.000	51	0.	0.15	7.	0.000	47	0.	0.14	6.	0.000
3433	16.96	16.96	37	0.	0.11	5.	0.000	27	0.	0.08	4.	0.000	25	0.	0.08	3.	0.000
3434	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3435	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3436	16.96	16.96	20	0.	0.06	3.	0.000	13	0.	0.04	2.	0.000	12	0.	0.03	2.	0.000
3437	16.96	16.96	25	0.	0.07	3.	0.000	14	0.	0.04	2.	0.000	13	0.	0.04	2.	0.000
3438	16.96	16.96	34	0.	0.10	5.	0.000	20	0.	0.06	3.	0.000	18	0.	0.05	2.	0.000
3439	16.96	16.96	113	0.	0.34	15.	0.001	66	0.	0.20	9.	0.000	60	0.	0.18	8.	0.000
3440	16.96	16.96	222	0.	0.66	30.	0.001	150	0.	0.45	20.	0.001	140	0.	0.42	19.	0.001
3441	16.96	16.96	353	0.	1.05	48.	0.002	237	0.	0.71	32.	0.001	221	0.	0.66	30.	0.001
3442	16.96	16.96	393	0.	1.18	53.	0.002	263	0.	0.79	36.	0.001	244	0.	0.73	33.	0.001
3443	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3445	16.96	16.96	429	0.	1.28	58.	0.002	335	0.	1.00	46.	0.002	306	0.	0.92	42.	0.002
3446	16.96	16.96	236	0.	0.70	32.	0.001	174	0.	0.52	24.	0.001	161	0.	0.48	22.	0.001
3447	16.96	16.96	71	0.	0.21	10.	0.000	52	0.	0.16	7.	0.000	48	0.	0.14	7.	0.000
3448	16.96	16.96	207	0.	0.62	28.	0.001	153	0.	0.46	21.	0.001	141	0.	0.42	19.	0.001
3449	16.96	16.96	202	0.	0.60	27.	0.001	150	0.	0.45	20.	0.001	138	0.	0.41	19.	0.001
3450	16.96	16.96	57	0.	0.17	8.	0.000	42	0.	0.13	6.	0.000	39	0.	0.12	5.	0.000
3451	16.96	16.96	19	0.	0.06	3.	0.000	14	0.	0.04	2.	0.000	13	0.	0.04	2.	0.000
3452	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3453	16.96	16.96	30	0.	0.09	4.	0.000	17	0.	0.05	2.	0.000	15	0.	0.05	2.	0.000
3454	16.96	16.96	35	0.	0.10	5.	0.000	21	0.	0.06	3.	0.000	19	0.	0.06	3.	0.000
3455	16.96	16.96	1	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3456	16.96	16.96	39	0.	0.12	5.	0.000	24	0.	0.07	3.	0.000	21	0.	0.06	3.	0.000
3457	16.96	16.96	48	0.	0.14	6.	0.000	28	0.	0.08	4.	0.000	26	0.	0.08	3.	0.000
3458	16.96	16.96	73	0.	0.22	10.	0.000	48	0.	0.14	7.	0.000	45	0.	0.13	6.	0.000
3459	16.96	16.96	66	0.	0.20	9.	0.000	46	0.	0.14	6.	0.000	43	0.	0.13	6.	0.000
3460	16.96	16.96	175	0.	0.52	24.	0.001	125	0.	0.37	17.	0.001	128	0.	0.38	17.	0.001
3461	16.96	16.96	130	0.	0.39	18.	0.001	88	0.	0.26	12.	0.000	93	0.	0.28	13.	0.001
3462	16.96	16.96	144	0.	0.43	20.	0.001	102	0.	0.30	14.	0.001	104	0.	0.31	14.	0.001
3463	16.96	16.96	201	0.	0.60	27.	0.001	148	0.	0.44	20.	0.001	145	0.	0.43	20.	0.001
3464	16.96	16.96	281	0.	0.84	38.	0.002	214	0.	0.64	29.	0.001	202	0.	0.60	27.	0.001
3465	16.96	16.96	499	0.	1.49	68.	0.003	385	0.	1.15	52.	0.002	357	0.	1.07	49.	0.002
3466	16.96	16.96	367	0.	1.10	50.	0.002	278	0.	0.83	38.	0.002	257	0.	0.77	35.	0.001
3467	16.96	16.96	447	0.	1.34	61.	0.003	329	0.	0.98	45.	0.002	304	0.	0.91	41.	0.002
3468	16.96	16.96	427	0.	1.28	58.	0.002	315	0.	0.94	43.	0.002	291	0.	0.87	40.	0.002
3469	16.96	16.96	70	0.	0.21	10.	0.000	52	0.	0.15	7.	0.000	48	0.	0.14	7.	0.000
3470	16.96	16.96	79	0.	0.24	11.	0.000	58	0.	0.17	8.	0.000	54	0.	0.16	7.	0.000
3471	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3472	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3473	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3474	16.96	16.96	24	0.	0.07	3.	0.000	15	0.	0.04	2.	0.000	13	0.	0.04	2.	0.000
3475	16.96	16.96	141	0.	0.42	19.	0.001	95	0.	0.28	13.	0.001	89	0.	0.27	12.	0.001
3476	16.96	16.96	261	0.	0.78	35.	0.001	175	0.	0.52	24.	0.001	163	0.	0.49	22.	0.001
3477	16.96	16.96	360	0.	1.08	49.	0.002	240	0.	0.72	33.	0.001	224	0.	0.67	30.	0.001
3478	16.96	16.96	317	0.	0.95	43.	0.002	209	0.	0.62	28.	0.001	194	0.	0.58	26.	0.001
3479	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3480	16.96	16.96	545	0.	1.63	74.	0.003	423	0.	1.26	58.	0.002	389	0.	1.16	53.	0.002
3481	16.96	16.96	386	0.	1.15	53.	0.002	285	0.	0.85	39.	0.002	265	0.	0.79	36.	0.001
3482	16.96	16.96	117	0.	0.35	16.	0.001	86	0.	0.26	12.	0.000	80	0.	0.24	11.	0.000
3483	16.96	16.96	216	0.	0.65	29.	0.001	160	0.	0.48	22.	0.001	148	0.	0.44	20.	0.001
3484	16.96	16.96	211	0.	0.63	29.	0.001	156	0.	0.47	21.	0.001	144	0.	0.43	20.	0.001
3485	16.96	16.96	102	0.	0.30	14.	0.001	75	0.	0.22	10.	0.000	69	0.	0.21	9.	0.000
3486	16.96	16.96	75	0.	0.22	10.	0.000	56	0.	0.17	8.	0.000	52	0.	0.15	7.	0.000
3487	16.96	16.96	2	0.	0.01	0.	0.000	2	0.	0.01	0.	0.000	2	0.	0.01	0.	0.000
3488	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3489	16.96	16.96	34	0.	0.10	5.	0.000	20	0.	0.06	3.	0.000	18	0.	0.05	3.	0.000
3490	16.96	16.96	26	0.	0.08	4.	0.000	16	0.	0.05	2.	0.000	15	0.	0.04	2.	0.000
3491	16.96	16.96	40	0.	0.12	5.	0.000	24	0.	0.07	3.	0.000	21	0.	0.06	3.	0.000
3492	16.96	16.96	41	0.	0.12	6.	0.000	27	0.	0.08	4.	0.000	25	0.	0.07	3.	0.000
3493	16.96	16.96	15	0.	0.05	2.	0.000	12	0.	0.04	2.	0.000	11	0.	0.03	2.	0.000
3494	16.96	16.96	424	0.	1.27	58.	0.002	329	0.	0.98	45.	0.002	310	0.	0.93	42.	0.002
3495	16.96	16.96	166	0.	0.50	23.	0.001	116	0.	0.35	16.	0.001	119	0.	0.36	16.	0.001
3496	16.96	16.96	101	0.	0.30	14.	0.001	57	0.	0.17	8.	0.000	71	0.	0.21	10.	0.000
3497	16.96	16.96	189	0.	0.56	26.	0.001	125	0.	0.37	17.	0.001	135	0.	0.40	18.	0.001
3498	16.96	16.96	224	0.	0.67	30.	0.001	166	0.	0.50	23.	0.001	162	0.	0.49	22.	0.001
3499	16.96	16.96	545	0.	1.63	74.	0.003	414	0.	1.24	56.	0.002	392	0.	1.17	53.	0.002
3500	16.96	16.96	464	0.	1.39	63.	0.003	350	0.	1.05	48.	0.002	326	0.	0.97	44.	0.002
3501	16.96	16.96	576	0.	1.72	78.	0.003	423	0.	1.27	58.	0.002	392	0.	1.17	53.	0.002
3502	16.96	16.96	628	0.	1.88	85.	0.004	462	0.	1.38	63.	0.003	427	0.	1.28	58.	0.002
3503	16.96	16.96	117	0.	0.35	16.	0.001	86	0.	0.26	12.	0.000	80	0.	0.24	11.	0.000
3504	16.96	16.96	165	0.	0.49	22.	0.001	122	0.	0.37	17.	0.001	113	0.	0.34	15.	0.001
3505	16.96	16.96	30	0.	0.09	4.	0.000	23	0.	0.07	3.	0.000	21	0.	0.06	3.	0.000
3506	16.96	16.96	9	0.	0.03	1.	0.000	6	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000
3507	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3508	16.96	16.96	33	0.	0.10	4.	0.000	19	0.	0.06	3.	0.000	17	0.	0.05	2.	0.000
3509	16.96	16.96	68	0.	0.20	9.	0.000	47	0.	0.14	6.	0.000	44	0.	0.13	6.	0.000
3510	16.96	16.96	164	0.	0.49	22.	0.001	110	0.	0.33	15.	0.001	103	0.	0.31	14.	0.001
3511	16.96	16.96	271	0.	0.81	37.	0.002	181	0.	0.54	25.	0.001	168	0.	0.50	23.	0.001
3512	16.96	16.96	326	0.	0.97	44.	0.002	215	0.	0.64	29.	0.001	199	0.	0.60	27.	0.001
3513	16.96	16.96	84	0.	0.25	12.	0.001	52	0.	0.15	7.	0.000	46	0.	0.14	7.	0.000
3514	16.96	16.96	625	0.	1.87	85.	0.004	480	0.	1.43	65.	0.003	447	0.	1.34	61.	0.003
3515	16.96	16.96	523	0.	1.56	71.	0.003	386	0.	1.15	53.	0.002	359	0.	1.07	49.	0.002
3516	16.96	16.96	173	0.	0.52	24.	0.001	128	0.	0.38	17.	0.001	118	0.	0.35	16.	0.001
3517	16.96	16.96	144	0.	0.43	20.	0.001	106	0.	0.32	14.	0.001	98	0.	0.29	13.	0.001
3518	16.96	16.96	145	0.	0.43	20.	0.001	106	0.	0.32	14.	0.001	98	0.	0.29	13.	0.001
3519	16.96	16.96	199	0.	0.59	27.	0.001	147	0.	0.44	20.	0.001	136	0.	0.41	18.	0.001
3520	16.96	16.96	197	0.	0.59	27.	0.001	146	0.	0.44	20.	0.001	135	0.	0.40	18.	0.001
3521	16.96	16.96	43	0.	0.13	6.	0.000	32	0.	0.10	4.	0.000	29	0.	0.09	4.	0.000
3522	16.96	16.96	9	0.	0.03	1.	0.000	7	0.	0.02	1.	0.000	7	0.	0.02	1.	0.000
3523	16.96	16.96	4	0.	0.01	0.	0.000	3	0.	0.01	0.	0.000	3	0.	0.01	0.	0.000
3524	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3525	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3526	16.96	16.96	18	0.	0.05	2.	0.000	12	0.	0.04	2.	0.000	11	0.	0.03	1.	0.000
3527	16.96	16.96	8	0.	0.02	1.	0.000	4	0.	0.01	1.	0.000	4	0.	0.01	1.	0.000

3528	16.96	16.96	18	0.	0.05	2.	0.000	11	0.	0.03	2.	0.000	10	0.	0.03	1.	0.000
3529	16.96	16.96	1	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000
3530	16.96	16.96	626	0.	1.87	85.	0.004	502	0.	1.50	68.	0.003	450	0.	1.35	61.	0.003
3531	16.96	16.96	132	0.	0.39	18.	0.001	99	0.	0.30	14.	0.001	93	0.	0.28	13.	0.001
3532	16.96	16.96	5	0.	0.01	1.	0.000	0.	0.	0.00	0.	0.000	3	0.	0.01	0.	0.000
3533	16.96	16.96	216	0.	0.65	29.	0.001	157	0.	0.47	21.	0.001	157	0.	0.47	21.	0.001
3534	16.96	16.96	98	0.	0.29	13.	0.001	82	0.	0.25	11.	0.000	72	0.	0.22	10.	0.000
3535	16.96	16.96	515	0.	1.54	70.	0.003	391	0.	1.17	53.	0.002	374	0.	1.12	51.	0.002
3536	16.96	16.96	680	0.	2.03	93.	0.004	517	0.	1.55	70.	0.003	488	0.	1.46	66.	0.003
3537	16.96	16.96	535	0.	1.60	73.	0.003	402	0.	1.20	55.	0.002	376	0.	1.12	51.	0.002
3538	16.96	16.96	724	0.	2.17	98.	0.004	530	0.	1.59	72.	0.003	491	0.	1.47	67.	0.003
3539	16.96	16.96	850	0.	2.54	116.	0.005	623	0.	1.86	85.	0.004	575	0.	1.72	78.	0.003
3540	16.96	16.96	177	0.	0.53	24.	0.001	131	0.	0.39	18.	0.001	120	0.	0.36	16.	0.001
3541	16.96	16.96	309	0.	0.92	42.	0.002	228	0.	0.68	31.	0.001	211	0.	0.63	29.	0.001
3542	16.96	16.96	56	0.	0.17	8.	0.000	42	0.	0.13	6.	0.000	39	0.	0.12	5.	0.000
3543	16.96	16.96	37	0.	0.11	5.	0.000	27	0.	0.08	4.	0.000	25	0.	0.08	3.	0.000
3544	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3545	16.96	16.96	41	0.	0.12	6.	0.000	29	0.	0.09	4.	0.000	26	0.	0.08	4.	0.000
3546	16.96	16.96	48	0.	0.14	7.	0.000	34	0.	0.10	5.	0.000	31	0.	0.09	4.	0.000
3547	16.96	16.96	18	0.	0.05	2.	0.000	13	0.	0.04	2.	0.000	12	0.	0.04	2.	0.000
3548	16.96	16.96	86	0.	0.26	12.	0.000	58	0.	0.17	8.	0.000	54	0.	0.16	7.	0.000
3549	16.96	16.96	167	0.	0.50	23.	0.001	111	0.	0.33	15.	0.001	104	0.	0.31	14.	0.001
3550	16.96	16.96	265	0.	0.79	36.	0.001	175	0.	0.52	24.	0.001	163	0.	0.49	22.	0.001
3551	16.96	16.96	251	0.	0.75	34.	0.001	163	0.	0.49	22.	0.001	151	0.	0.45	21.	0.001
3552	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3553	16.96	16.96	539	0.	1.61	73.	0.003	404	0.	1.21	55.	0.002	378	0.	1.13	51.	0.002
3554	16.96	16.96	563	0.	1.68	77.	0.003	414	0.	1.24	56.	0.002	385	0.	1.15	52.	0.002
3555	16.96	16.96	598	0.	1.79	81.	0.003	439	0.	1.31	60.	0.002	405	0.	1.21	55.	0.002
3556	16.96	16.96	170	0.	0.51	23.	0.001	126	0.	0.38	17.	0.001	116	0.	0.35	16.	0.001
3557	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3558	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3559	16.96	16.96	357	0.	1.07	49.	0.002	264	0.	0.79	36.	0.001	244	0.	0.73	33.	0.001
3560	16.96	16.96	356	0.	1.06	48.	0.002	264	0.	0.79	36.	0.001	243	0.	0.73	33.	0.001
3561	16.96	16.96	103	0.	0.31	14.	0.001	76	0.	0.23	10.	0.000	70	0.	0.21	9.	0.000
3562	16.96	16.96	37	0.	0.11	5.	0.000	27	0.	0.08	4.	0.000	25	0.	0.07	3.	0.000
3563	16.96	16.96	40	0.	0.12	5.	0.000	29	0.	0.09	4.	0.000	26	0.	0.08	4.	0.000
3564	16.96	16.96	24	0.	0.07	3.	0.000	18	0.	0.05	2.	0.000	16	0.	0.05	2.	0.000
3565	16.96	16.96	15	0.	0.04	2.	0.000	10	0.	0.03	1.	0.000	9	0.	0.03	1.	0.000
3566	16.96	16.96	31	0.	0.09	4.	0.000	21	0.	0.06	3.	0.000	20	0.	0.06	3.	0.000
3567	16.96	16.96	31	0.	0.09	4.	0.000	21	0.	0.06	3.	0.000	20	0.	0.06	3.	0.000
3568	16.96	16.96	8	0.	0.03	1.	0.000	7	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000
3569	16.96	16.96	4	0.	0.01	1.	0.000	3	0.	0.01	0.	0.000	3	0.	0.01	0.	0.000
3570	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3571	16.96	16.96	1	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3572	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3573	16.96	16.96	116	0.	0.35	16.	0.001	93	0.	0.28	13.	0.001	82	0.	0.24	11.	0.000
3574	16.96	16.96	3	0.	0.01	0.	0.000	2	0.	0.01	0.	0.000	1	0.	0.00	0.	0.000
3575	16.96	16.96	291	0.	0.87	40.	0.002	224	0.	0.67	31.	0.001	212	0.	0.63	29.	0.001
3576	16.96	16.96	64	0.	0.19	9.	0.000	54	0.	0.16	7.	0.000	49	0.	0.15	7.	0.000
3577	16.96	16.96	530	0.	1.59	72.	0.003	405	0.	1.21	55.	0.002	383	0.	1.15	52.	0.002
3578	16.96	16.96	655	0.	1.96	89.	0.004	497	0.	1.49	68.	0.003	469	0.	1.40	64.	0.003
3579	16.96	16.96	489	0.	1.46	67.	0.003	358	0.	1.07	49.	0.002	332	0.	0.99	45.	0.002
3580	16.96	16.96	859	0.	2.57	117.	0.005	627	0.	1.87	85.	0.004	579	0.	1.73	79.	0.003
3581	16.96	16.96	35	0.	0.10	5.	0.000	27	0.	0.08	4.	0.000	24	0.	0.07	3.	0.000
3582	16.96	16.96	178	0.	0.53	24.	0.001	132	0.	0.39	18.	0.001	122	0.	0.36	17.	0.001
3583	16.96	16.96	511	0.	1.53	70.	0.003	378	0.	1.13	51.	0.002	349	0.	1.04	47.	0.002
3584	16.96	16.96	151	0.	0.45	21.	0.001	112	0.	0.33	15.	0.001	103	0.	0.31	14.	0.001
3585	16.96	16.96	86	0.	0.26	12.	0.000	63	0.	0.19	9.	0.000	58	0.	0.17	8.	0.000
3586	16.96	16.96	64	0.	0.19	9.	0.000	46	0.	0.14	6.	0.000	42	0.	0.12	6.	0.000
3587	16.96	16.96	58	0.	0.17	8.	0.000	41	0.	0.12	6.	0.000	38	0.	0.11	5.	0.000
3588	16.96	16.96	44	0.	0.13	6.	0.000	32	0.	0.10	4.	0.000	29	0.	0.09	4.	0.000
3589	16.96	16.96	49	0.	0.15	7.	0.000	35	0.	0.10	5.	0.000	32	0.	0.09	4.	0.000
3590	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3591	16.96	16.96	35	0.	0.10	5.	0.000	24	0.	0.07	3.	0.000	22	0.	0.07	3.	0.000
3592	16.96	16.96	86	0.	0.26	12.	0.000	57	0.	0.17	8.	0.000	53	0.	0.16	7.	0.000
3593	16.96	16.96	162	0.	0.49	22.	0.001	107	0.	0.32	15.	0.001	100	0.	0.30	14.	0.001
3594	16.96	16.96	293	0.	0.88	40.	0.002	193	0.	0.58	26.	0.001	179	0.	0.53	24.	0.001
3595	16.96	16.96	183	0.	0.55	25.	0.001	118	0.	0.35	16.	0.001	109	0.	0.33	15.	0.001
3596	16.96	16.96	532	0.	1.59	72.	0.003	398	0.	1.19	54.	0.002	372	0.	1.11	51.	0.002
3597	16.96	16.96	942	0.	2.82	128.	0.005	684	0.	2.04	93.	0.004	630	0.	1.88	86.	0.004
3598	16.96	16.96	507	0.	1.52	69.	0.003	352	0.	1.05	48.	0.002	328	0.	0.98	45.	0.002
3599	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3600	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000

ARMATURA INFERIORE VERTICALE

			COMBINAZIONE RARA					COMBINAZIONE FREQUENTE					COMBINAZIONE QUASI PERMANENTE				
GUSCI	Af	Afc	Mom	Nor	σc	σf	WkR	Mom	Nor	σc	σf	WkF	Mom	Nor	σc	σf	WkP
2651	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2652	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2653	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2654	16.96	16.96	17	0.	0.05	2.	0.000	16	0.	0.05	2.	0.000	18	0.	0.05	2.	0.000
2655	16.96	16.96	65	0.	0.20	9.	0.000	52	0.	0.15	7.	0.000	51	0.	0.15	7.	0.000
2656	16.96	16.96	68	0.	0.20	9.	0.000	52	0.	0.16	7.	0.000	51	0.	0.15	7.	0.000
2657	16.96	16.96	63	0.	0.19	9.	0.000	46	0.	0.14	6.	0.000	44	0.	0.13	6.	0.000
2658	16.96	16.96	77	0.	0.23	10.	0.000	52	0.	0.16	7.	0.000	49	0.	0.15	7.	0.000
2659	16.96	16.96	153	0.	0.46	21.	0.001	102	0.	0.31	14.	0.001	95	0.	0.29	13.	0.001
2675	16.96	16.96	251	0.	0.75	34.	0.001	167	0.	0.50	23.	0.001	155	0.	0.46	21.	0.001
2676	16.96	16.96	364	0.	1.09	50.	0.002	240	0.	0.72	33.	0.001	224	0.	0.67	30.	0.001
2698	16.96	16.96	49	0.	0.15	7.	0.000	34	0.	0.10	5.	0.000	32	0.	0.09	4.	0.000
2699	16.96	16.96	75	0.	0.22	10.	0.000	50	0.	0.15	7.	0.000	46	0.	0.14	6.	0.000
2700	16.96	16.96	95	0.	0.29	13.	0.001	62	0.	0.18	8.	0.000	58	0.	0.17	8.	0.000
2701	16.96	16.96	431	0.	1.29	59.	0.002	284	0.	0.85	39.	0.002	265	0.	0.79	36.	0.001
2719	16.96	16.96	72	0.	0.21	10.	0.000	45	0.	0.13	6.	0.000	42	0.	0.13	6.	0.000
2720	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2721	16.96	16.96	359	0.	1.07	49.	0.002	235	0.	0.70	32.	0.001	218	0.	0.65	30.	0.001
2722	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2723	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2742	16.96	16.96	49	0.	0.15	7.	0.000	39	0.	0.12	5.	0.000	38	0.	0.11	5.	0.000
2743	16.96	16.96	35	0.	0.10	5.	0.000	28	0.	0.08	4.	0.000	27	0.	0.08	4.	0.000
2744	16.96	16.96	58	0.	0.17	8.	0.000	41	0.	0.12	6.	0.000	39	0.	0.12	5.	0.000
2745	16.96	16.96	137	0.	0.41	19.	0.001	91	0.	0.27	12.	0.001	84	0.	0.25	11.	0.000

2746	16.96	16.96	147	0.	0.44	20.	0.001	97	0.	0.29	13.	0.001	90	0.	0.27	12.	0.001
2747	16.96	16.96	51	0.	0.15	7.	0.000	31	0.	0.09	4.	0.000	29	0.	0.09	4.	0.000
2748	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2749	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2750	16.96	16.96	294	0.	0.88	40.	0.002	193	0.	0.58	26.	0.001	180	0.	0.54	24.	0.001
2768	16.96	16.96	72	0.	0.22	10.	0.000	49	0.	0.15	7.	0.000	45	0.	0.14	6.	0.000
2769	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2770	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2771	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2772	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2773	16.96	16.96	433	0.	1.29	59.	0.002	285	0.	0.85	39.	0.002	265	0.	0.79	36.	0.001
2787	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2788	16.96	16.96	80	0.	0.24	11.	0.000	50	0.	0.15	7.	0.000	41	0.	0.12	6.	0.000
2789	16.96	16.96	182	0.	0.54	25.	0.001	133	0.	0.40	18.	0.001	123	0.	0.37	17.	0.001
2790	16.96	16.96	206	0.	0.62	28.	0.001	154	0.	0.46	21.	0.001	144	0.	0.43	20.	0.001
2791	16.96	16.96	126	0.	0.38	17.	0.001	82	0.	0.25	11.	0.000	76	0.	0.23	10.	0.000
2792	16.96	16.96	128	0.	0.38	17.	0.001	84	0.	0.25	11.	0.000	78	0.	0.23	11.	0.000
2793	16.96	16.96	107	0.	0.32	15.	0.001	71	0.	0.21	10.	0.000	65	0.	0.19	9.	0.000
2794	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2795	16.96	16.96	0.	-1	0.02	0.	0.000	0.	-1	0.02	0.	0.000	0.	-1	0.01	0.	0.000
2796	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2797	16.96	16.96	367	0.	1.10	50.	0.002	242	0.	0.72	33.	0.001	225	0.	0.67	31.	0.001
2814	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2815	16.96	16.96	0.	1	0.00	2.	0.000	0.	0.	0.00	1.	0.000	0.	0.	0.00	1.	0.000
2816	16.96	16.96	0.	-1	0.02	0.	0.000	0.	-1	0.02	0.	0.000	0.	-1	0.01	0.	0.000
2817	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2818	16.96	16.96	256	0.	0.77	35.	0.001	168	0.	0.50	23.	0.001	156	0.	0.47	21.	0.001
2831	16.96	16.96	469	0.	1.40	64.	0.003	349	0.	1.04	47.	0.002	331	0.	0.99	45.	0.002
2832	16.96	16.96	487	0.	1.46	66.	0.003	365	0.	1.09	50.	0.002	347	0.	1.04	47.	0.002
2833	16.96	16.96	485	0.	1.45	66.	0.003	365	0.	1.09	50.	0.002	348	0.	1.04	47.	0.002
2834	16.96	16.96	424	0.	1.27	58.	0.002	320	0.	0.96	44.	0.002	305	0.	0.91	41.	0.002
2835	16.96	16.96	80	0.	0.24	11.	0.000	55	0.	0.16	8.	0.000	52	0.	0.15	7.	0.000
2836	16.96	16.96	111	0.	0.33	15.	0.001	76	0.	0.23	10.	0.000	70	0.	0.21	10.	0.000
2837	16.96	16.96	159	0.	0.48	22.	0.001	107	0.	0.32	15.	0.001	99	0.	0.30	13.	0.001
2838	16.96	16.96	180	0.	0.54	25.	0.001	122	0.	0.36	17.	0.001	112	0.	0.34	15.	0.001
2839	16.96	16.96	0.	1	0.00	4.	0.000	0.	1	0.00	3.	0.000	0.	1	0.00	3.	0.000
2840	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2841	16.96	16.96	71	0.	0.21	10.	0.000	45	0.	0.13	6.	0.000	42	0.	0.13	6.	0.000
2842	16.96	16.96	158	0.	0.47	21.	0.001	103	0.	0.31	14.	0.001	95	0.	0.28	13.	0.001
2858	16.96	16.96	150	0.	0.45	20.	0.001	111	0.	0.33	15.	0.001	105	0.	0.31	14.	0.001
2859	16.96	16.96	107	0.	0.32	15.	0.001	78	0.	0.23	11.	0.000	74	0.	0.22	10.	0.000
2860	16.96	16.96	64	0.	0.19	9.	0.000	46	0.	0.14	6.	0.000	43	0.	0.13	6.	0.000
2861	16.96	16.96	116	0.	0.35	16.	0.001	81	0.	0.24	11.	0.000	74	0.	0.22	10.	0.000
2862	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2863	16.96	16.96	0.	1	0.00	4.	0.000	0.	1	0.00	3.	0.000	0.	1	0.00	2.	0.000
2864	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2865	16.96	16.96	97	0.	0.29	13.	0.001	62	0.	0.19	8.	0.000	58	0.	0.17	8.	0.000
2866	16.96	16.96	97	0.	0.29	13.	0.001	62	0.	0.19	8.	0.000	58	0.	0.17	8.	0.000
2877	16.96	16.96	765	0.	2.29	104.	0.004	578	0.	1.73	79.	0.003	553	0.	1.65	75.	0.003
2878	16.96	16.96	728	0.	2.18	99.	0.004	550	0.	1.65	75.	0.003	527	0.	1.57	72.	0.003
2879	16.96	16.96	638	0.	1.91	87.	0.004	483	0.	1.44	66.	0.003	462	0.	1.38	63.	0.003
2880	16.96	16.96	502	0.	1.50	68.	0.003	381	0.	1.14	52.	0.002	364	0.	1.09	50.	0.002
2881	16.96	16.96	98	0.	0.29	13.	0.001	67	0.	0.20	9.	0.000	63	0.	0.19	9.	0.000
2882	16.96	16.96	171	0.	0.51	23.	0.001	115	0.	0.35	16.	0.001	107	0.	0.32	15.	0.001
2883	16.96	16.96	288	0.	0.86	39.	0.002	192	0.	0.58	26.	0.001	179	0.	0.53	24.	0.001
2884	16.96	16.96	418	0.	1.25	57.	0.002	278	0.	0.83	38.	0.002	258	0.	0.77	35.	0.001
2885	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2886	16.96	16.96	0.	1	0.00	2.	0.000	0.	0.	0.00	1.	0.000	0.	0.	0.00	1.	0.000
2887	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2888	16.96	16.96	81	0.	0.24	11.	0.000	52	0.	0.16	7.	0.000	48	0.	0.14	7.	0.000
2889	16.96	16.96	61	0.	0.18	8.	0.000	39	0.	0.12	5.	0.000	36	0.	0.11	5.	0.000
2905	16.96	16.96	155	0.	0.46	21.	0.001	116	0.	0.35	16.	0.001	111	0.	0.33	15.	0.001
2906	16.96	16.96	92	0.	0.28	13.	0.001	69	0.	0.21	9.	0.000	66	0.	0.20	9.	0.000
2907	16.96	16.96	43	0.	0.13	6.	0.000	31	0.	0.09	4.	0.000	30	0.	0.09	4.	0.000
2908	16.96	16.96	500	0.	1.50	68.	0.003	333	0.	1.00	45.	0.002	309	0.	0.92	42.	0.002
2909	16.96	16.96	450	0.	1.34	61.	0.003	299	0.	0.89	41.	0.002	277	0.	0.83	38.	0.002
2910	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2911	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2912	16.96	16.96	44	0.	0.13	6.	0.000	29	0.	0.09	4.	0.000	28	0.	0.08	4.	0.000
2913	16.96	16.96	71	0.	0.21	10.	0.000	44	0.	0.13	6.	0.000	41	0.	0.12	6.	0.000
2914	16.96	16.96	64	0.	0.19	9.	0.000	40	0.	0.12	5.	0.000	37	0.	0.11	5.	0.000
2923	16.96	16.96	1079	0.	3.23	147.	0.006	819	0.	2.45	111.	0.005	785	0.	2.35	107.	0.004
2924	16.96	16.96	919	0.	2.75	125.	0.005	697	0.	2.09	95.	0.004	669	0.	2.00	91.	0.004
2925	16.96	16.96	650	0.	1.94	88.	0.004	494	0.	1.48	67.	0.003	474	0.	1.42	64.	0.003
2926	16.96	16.96	451	0.	1.35	61.	0.003	343	0.	1.02	47.	0.002	329	0.	0.98	45.	0.002
2927	16.96	16.96	236	0.	0.71	32.	0.001	158	0.	0.47	21.	0.001	147	0.	0.44	20.	0.001
2928	16.96	16.96	384	0.	1.15	52.	0.002	256	0.	0.76	35.	0.001	238	0.	0.71	32.	0.001
2929	16.96	16.96	552	0.	1.65	75.	0.003	366	0.	1.10	50.	0.002	340	0.	1.02	46.	0.002
2930	16.96	16.96	96	0.	0.29	13.	0.001	67	0.	0.20	9.	0.000	61	0.	0.18	8.	0.000
2931	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2932	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2933	16.96	16.96	140	0.	0.42	19.	0.001	94	0.	0.28	13.	0.001	88	0.	0.26	12.	0.000
2934	16.96	16.96	71	0.	0.21	10.	0.000	45	0.	0.13	6.	0.000	41	0.	0.12	6.	0.000
2935	16.96	16.96	91	0.	0.27	12.	0.001	56	0.	0.17	8.	0.000	51	0.	0.15	7.	0.000
2936	16.96	16.96	137	0.	0.41	19.	0.001	82	0.	0.25	11.	0.000	75	0.	0.22	10.	0.000
2950	16.96	16.96	102	0.	0.30	14.	0.001	79	0.	0.24	11.	0.000	76	0.	0.23	10.	0.000
2951	16.96	16.96	46	0.	0.14	6.	0.000	37	0.	0.11	5.	0.000	35	0.	0.11	5.	0.000
2952	16.96	16.96	7	0.	0.02	1.	0.000	7	0.	0.02	1.	0.000	7	0.	0.02	1.	0.000
2953	16.96	16.96	697	0.	2.08	95.	0.004	462	0.	1.38	63.	0.003	429	0.	1.28	58.	0.002
2954	16.96	16.96	736	0.	2.20	100.	0.004	487	0.	1.46	66.	0.003	453	0.	1.35	62.	0.003
2955	16.96	16.96	56	0.	0.17	8.	0.000	41	0.	0.12	6.	0.000	37	0.	0.11	5.	0.000
2956	16.96	16.96	115	0.	0.34	16.	0.001	80	0.	0.24	11.	0.000	73	0.	0.22	10.	0.000
2957	16.96	16.96	100	0.	0.30	14.	0.001	69	0.	0.21	9.	0.000	64	0.	0.19	9.	0.000
2958	16.96	16.96	136	0.	0.41	19.	0.001	91	0.	0.27	12.	0.001	85	0.	0.25	12.	0.000
2959	16.96	16.96	73	0.	0.22	10.	0.000	46	0.	0.14	6.	0.000	42	0.	0.13	6.	0.000
2960	16.96	16.96	67	0.	0.20	9.	0.000	42	0.	0.12	6.	0.000	38	0.	0.11	5.	0.000
2961	16.96	16.96	213	0.	0.64	29.	0.001	126	0.	0.38	17.	0.001	114	0.	0.34	16.	0.001
2962	16.96	16.96	301	0.	0.90	41.	0.002	177	0.	0.53	24.	0.001	160	0.	0.48	22.	0.001
2963	16.96	16.96	353	0.	1.05	48.	0.002	207	0.	0.62	28.	0.001	187	0.	0.56	25.	0.001
2968	16.96	16.96	319	0.	0.95	43.	0.002	242	0.	0.72	33.	0.001	233	0.	0.70	32.	0.001
2969	16.96	16.96	317	0.	0.95	43.	0.002	241	0.	0.72	33.	0.001	231	0.	0.69	31.	0.001
2970	16.96	16.96	307	0.	0.92	42.	0.002	234	0.	0.70	32.	0.001	225	0.	0.67	31.	0.001

2971	16.96	16.96	271	0.	0.81	37.	0.002	207	0.	0.62	28.	0.001	199	0.	0.59	27.	0.001
2972	16.96	16.96	29	0.	0.09	4.	0.000	19	0.	0.06	3.	0.000	18	0.	0.05	2.	0.000
2973	16.96	16.96	255	0.	0.76	35.	0.001	169	0.	0.50	23.	0.001	157	0.	0.47	21.	0.001
2974	16.96	16.96	395	0.	1.18	54.	0.002	261	0.	0.78	36.	0.001	243	0.	0.73	33.	0.001
2975	16.96	16.96	569	0.	1.70	77.	0.003	376	0.	1.13	51.	0.002	350	0.	1.05	48.	0.002
2976	16.96	16.96	528	0.	1.58	72.	0.003	350	0.	1.05	48.	0.002	325	0.	0.97	44.	0.002
2977	16.96	16.96	391	0.	1.17	53.	0.002	262	0.	0.78	36.	0.001	243	0.	0.73	33.	0.001
2978	16.96	16.96	180	0.	0.54	24.	0.001	122	0.	0.36	17.	0.001	112	0.	0.34	15.	0.001
2979	16.96	16.96	122	0.	0.37	17.	0.001	83	0.	0.25	11.	0.000	77	0.	0.23	10.	0.000
2980	16.96	16.96	80	0.	0.24	11.	0.000	52	0.	0.16	7.	0.000	48	0.	0.14	7.	0.000
2981	16.96	16.96	69	0.	0.21	9.	0.000	41	0.	0.12	6.	0.000	37	0.	0.11	5.	0.000
2982	16.96	16.96	74	0.	0.22	10.	0.000	41	0.	0.12	6.	0.000	38	0.	0.11	5.	0.000
2983	16.96	16.96	234	0.	0.70	32.	0.001	135	0.	0.40	18.	0.001	122	0.	0.36	17.	0.001
2984	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2985	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2996	16.96	16.96	42	0.	0.13	6.	0.000	33	0.	0.10	4.	0.000	31	0.	0.09	4.	0.000
2997	16.96	16.96	19	0.	0.06	3.	0.000	15	0.	0.05	2.	0.000	15	0.	0.04	2.	0.000
2998	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2999	16.96	16.96	744	0.	2.23	101.	0.004	492	0.	1.47	67.	0.003	457	0.	1.37	62.	0.003
3000	16.96	16.96	926	0.	2.77	126.	0.005	612	0.	1.83	83.	0.003	569	0.	1.70	77.	0.003
3001	16.96	16.96	472	0.	1.41	64.	0.003	314	0.	0.94	43.	0.002	291	0.	0.87	40.	0.002
3002	16.96	16.96	502	0.	1.50	68.	0.003	334	0.	1.00	45.	0.002	310	0.	0.93	42.	0.002
3003	16.96	16.96	161	0.	0.48	22.	0.001	108	0.	0.32	15.	0.001	100	0.	0.30	14.	0.001
3004	16.96	16.96	121	0.	0.36	17.	0.001	81	0.	0.24	11.	0.000	75	0.	0.23	10.	0.000
3005	16.96	16.96	72	0.	0.22	10.	0.000	45	0.	0.13	6.	0.000	41	0.	0.12	6.	0.000
3006	16.96	16.96	112	0.	0.33	15.	0.001	66	0.	0.20	9.	0.000	59	0.	0.18	8.	0.000
3007	16.96	16.96	114	0.	0.34	16.	0.001	67	0.	0.20	9.	0.000	60	0.	0.18	8.	0.000
3008	16.96	16.96	46	0.	0.14	6.	0.000	23	0.	0.07	3.	0.000	21	0.	0.06	3.	0.000
3009	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3010	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3011	16.96	16.96	284	0.	0.85	39.	0.002	164	0.	0.49	22.	0.001	149	0.	0.44	20.	0.001
3015	16.96	16.96	186	0.	0.56	25.	0.001	142	0.	0.42	19.	0.001	136	0.	0.41	19.	0.001
3016	16.96	16.96	181	0.	0.54	25.	0.001	138	0.	0.41	19.	0.001	132	0.	0.40	18.	0.001
3017	16.96	16.96	167	0.	0.50	23.	0.001	127	0.	0.38	17.	0.001	122	0.	0.36	17.	0.001
3018	16.96	16.96	140	0.	0.42	19.	0.001	107	0.	0.32	15.	0.001	103	0.	0.31	14.	0.001
3019	16.96	16.96	16	0.	0.05	2.	0.000	10	0.	0.03	1.	0.000	9	0.	0.03	1.	0.000
3020	16.96	16.96	263	0.	0.79	36.	0.001	174	0.	0.52	24.	0.001	162	0.	0.48	22.	0.001
3021	16.96	16.96	452	0.	1.35	62.	0.003	299	0.	0.89	41.	0.002	278	0.	0.83	38.	0.002
3022	16.96	16.96	1039	0.	3.11	141.	0.006	686	0.	2.05	93.	0.004	638	0.	1.91	87.	0.004
3023	16.96	16.96	715	0.	2.14	97.	0.004	474	0.	1.42	64.	0.003	440	0.	1.32	60.	0.002
3024	16.96	16.96	421	0.	1.26	57.	0.002	280	0.	0.84	38.	0.002	260	0.	0.78	35.	0.001
3025	16.96	16.96	117	0.	0.35	16.	0.001	77	0.	0.23	10.	0.000	71	0.	0.21	10.	0.000
3026	16.96	16.96	79	0.	0.24	11.	0.000	50	0.	0.15	7.	0.000	46	0.	0.14	6.	0.000
3027	16.96	16.96	22	0.	0.07	3.	0.000	9	0.	0.03	1.	0.000	8	0.	0.02	1.	0.000
3028	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3029	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3030	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3031	16.96	16.96	350	0.	1.05	48.	0.002	205	0.	0.61	28.	0.001	185	0.	0.55	25.	0.001
3041	16.96	16.96	46	0.	0.14	6.	0.000	35	0.	0.10	5.	0.000	34	0.	0.10	5.	0.000
3042	16.96	16.96	26	0.	0.08	3.	0.000	19	0.	0.06	3.	0.000	18	0.	0.06	3.	0.000
3043	16.96	16.96	8	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000	5	0.	0.02	1.	0.000
3044	16.96	16.96	546	0.	1.63	74.	0.003	361	0.	1.08	49.	0.002	335	0.	1.00	46.	0.002
3045	16.96	16.96	578	0.	1.73	79.	0.003	381	0.	1.14	52.	0.002	355	0.	1.06	48.	0.002
3046	16.96	16.96	989	0.	2.96	135.	0.006	654	0.	1.95	89.	0.004	608	0.	1.82	83.	0.003
3047	16.96	16.96	699	0.	2.09	95.	0.004	463	0.	1.38	63.	0.003	430	0.	1.29	58.	0.002
3048	16.96	16.96	293	0.	0.88	40.	0.002	194	0.	0.58	26.	0.001	180	0.	0.54	24.	0.001
3049	16.96	16.96	89	0.	0.27	12.	0.001	57	0.	0.17	8.	0.000	53	0.	0.16	7.	0.000
3050	16.96	16.96	77	0.	0.23	10.	0.000	48	0.	0.14	6.	0.000	44	0.	0.13	6.	0.000
3051	16.96	16.96	96	0.	0.29	13.	0.001	56	0.	0.17	8.	0.000	50	0.	0.15	7.	0.000
3052	16.96	16.96	97	0.	0.29	13.	0.001	57	0.	0.17	8.	0.000	51	0.	0.15	7.	0.000
3053	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3054	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3055	16.96	16.96	0.	-1	0.02	0.	0.000	0.	-1	0.02	0.	0.000	0.	-1	0.01	0.	0.000
3056	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3057	16.96	16.96	296	0.	0.89	40.	0.002	174	0.	0.52	24.	0.001	157	0.	0.47	21.	0.001
3060	16.96	16.96	94	0.	0.28	13.	0.001	72	0.	0.21	10.	0.000	69	0.	0.21	9.	0.000
3061	16.96	16.96	87	0.	0.26	12.	0.000	67	0.	0.20	9.	0.000	64	0.	0.19	9.	0.000
3062	16.96	16.96	75	0.	0.22	10.	0.000	57	0.	0.17	8.	0.000	55	0.	0.16	7.	0.000
3063	16.96	16.96	58	0.	0.17	8.	0.000	45	0.	0.13	6.	0.000	43	0.	0.13	6.	0.000
3064	16.96	16.96	9	0.	0.03	1.	0.000	5	0.	0.02	1.	0.000	5	0.	0.01	1.	0.000
3065	16.96	16.96	194	0.	0.58	26.	0.001	128	0.	0.38	17.	0.001	119	0.	0.36	16.	0.001
3066	16.96	16.96	270	0.	0.81	37.	0.002	178	0.	0.53	24.	0.001	165	0.	0.49	23.	0.001
3067	16.96	16.96	533	0.	1.59	73.	0.003	352	0.	1.05	48.	0.002	327	0.	0.98	45.	0.002
3068	16.96	16.96	914	0.	2.73	124.	0.005	603	0.	1.80	82.	0.003	561	0.	1.68	76.	0.003
3069	16.96	16.96	556	0.	1.66	76.	0.003	368	0.	1.10	50.	0.002	342	0.	1.02	46.	0.002
3070	16.96	16.96	181	0.	0.54	25.	0.001	119	0.	0.35	16.	0.001	110	0.	0.33	15.	0.001
3071	16.96	16.96	79	0.	0.24	11.	0.000	50	0.	0.15	7.	0.000	46	0.	0.14	6.	0.000
3072	16.96	16.96	82	0.	0.24	11.	0.000	49	0.	0.15	7.	0.000	44	0.	0.13	6.	0.000
3073	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3074	16.96	16.96	0.	-1	0.02	0.	0.000	0.	-1	0.02	0.	0.000	0.	-1	0.01	0.	0.000
3075	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3076	16.96	16.96	204	0.	0.61	28.	0.001	120	0.	0.36	16.	0.001	109	0.	0.33	15.	0.001
3085	16.96	16.96	17	0.	0.05	2.	0.000	12	0.	0.04	2.	0.000	12	0.	0.04	2.	0.000
3086	16.96	16.96	5	0.	0.02	1.	0.000	4	0.	0.01	1.	0.000	4	0.	0.01	1.	0.000
3087	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3088	16.96	16.96	40	0.	0.12	5.	0.000	26	0.	0.08	4.	0.000	24	0.	0.07	3.	0.000
3089	16.96	16.96	321	0.	0.96	44.	0.002	211	0.	0.63	29.	0.001	196	0.	0.59	27.	0.001
3090	16.96	16.96	336	0.	1.00	46.	0.002	221	0.	0.66	30.	0.001	205	0.	0.61	28.	0.001
3091	16.96	16.96	541	0.	1.62	74.	0.003	357	0.	1.07	49.	0.002	332	0.	0.99	45.	0.002
3092	16.96	16.96	746	0.	2.23	102.	0.004	493	0.	1.47	67.	0.003	458	0.	1.37	62.	0.003
3093	16.96	16.96	390	0.	1.17	53.	0.002	257	0.	0.77	35.	0.001	239	0.	0.71	33.	0.001
3094	16.96	16.96	110	0.	0.33	15.	0.001	71	0.	0.21	10.	0.000	66	0.	0.20	9.	0.000
3095	16.96	16.96	82	0.	0.25	11.	0.000	52	0.	0.16	7.	0.000	48	0.	0.14	7.	0.000
3096	16.96	16.96	87	0.	0.26	12.	0.000	55	0.	0.16	7.	0.000	50	0.	0.15	7.	0.000
3097	16.96	16.96	106	0.	0.32	14.	0.001	66	0.	0.20	9.	0.000	60	0.	0.18	8.	0.000
3098	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3099	16.96	16.96	0.	1	0.00	2.	0.000	0.	0.	0.00	1.	0.000	0.	0.	0.00	1.	0.000
3100	16.96	16.96	0.	1	0.00	4.	0.000	0.	1	0.00	3.	0.000	0.	1	0.00	2.	0.000
3101	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3102	16.96	16.96	45	0.	0.14	6.	0.000	23	0.	0.07	3.	0.000	21	0.	0.06	3.	0.000
3103	16.96	16.96	122	0.	0.36	17.	0.001	72	0.	0.22	10.	0.000	66	0.	0.20	9.	0.000
3105	16.96	16.96	18	0.	0.06	3.	0.000	14	0.	0.04	2.	0.000	14	0.	0.04	2.	0.000

3106	16.96	16.96	20	0.	0.06	3.	0.000	15	0.	0.04	2.	0.000	15	0.	0.04	2.	0.000
3107	16.96	16.96	19	0.	0.06	3.	0.000	15	0.	0.04	2.	0.000	14	0.	0.04	2.	0.000
3108	16.96	16.96	14	0.	0.04	2.	0.000	11	0.	0.03	1.	0.000	10	0.	0.03	1.	0.000
3109	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3110	16.96	16.96	143	0.	0.43	19.	0.001	94	0.	0.28	13.	0.001	87	0.	0.26	12.	0.000
3111	16.96	16.96	332	0.	0.99	45.	0.002	219	0.	0.65	30.	0.001	203	0.	0.61	28.	0.001
3112	16.96	16.96	583	0.	1.74	79.	0.003	385	0.	1.15	52.	0.002	358	0.	1.07	49.	0.002
3113	16.96	16.96	572	0.	1.71	78.	0.003	378	0.	1.13	51.	0.002	351	0.	1.05	48.	0.002
3114	16.96	16.96	247	0.	0.74	34.	0.001	163	0.	0.49	22.	0.001	151	0.	0.45	21.	0.001
3115	16.96	16.96	68	0.	0.20	9.	0.000	44	0.	0.13	6.	0.000	40	0.	0.12	5.	0.000
3116	16.96	16.96	142	0.	0.42	19.	0.001	87	0.	0.26	12.	0.000	78	0.	0.23	11.	0.000
3117	16.96	16.96	161	0.	0.48	22.	0.001	100	0.	0.30	14.	0.001	90	0.	0.27	12.	0.001
3118	16.96	16.96	0.	1	0.00	4.	0.000	0.	1	0.00	3.	0.000	0.	1	0.00	2.	0.000
3119	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3120	16.96	16.96	72	0.	0.21	10.	0.000	40	0.	0.12	5.	0.000	36	0.	0.11	5.	0.000
3121	16.96	16.96	67	0.	0.20	9.	0.000	40	0.	0.12	5.	0.000	37	0.	0.11	5.	0.000
3129	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3130	16.96	16.96	14	0.	0.04	2.	0.000	8	0.	0.03	1.	0.000	8	0.	0.02	1.	0.000
3131	16.96	16.96	166	0.	0.50	23.	0.001	109	0.	0.32	15.	0.001	101	0.	0.30	14.	0.001
3132	16.96	16.96	182	0.	0.55	25.	0.001	120	0.	0.36	16.	0.001	111	0.	0.33	15.	0.001
3133	16.96	16.96	332	0.	0.99	45.	0.002	219	0.	0.66	30.	0.001	204	0.	0.61	28.	0.001
3134	16.96	16.96	548	0.	1.64	75.	0.003	362	0.	1.08	49.	0.002	336	0.	1.01	46.	0.002
3135	16.96	16.96	398	0.	1.19	54.	0.002	263	0.	0.79	36.	0.001	245	0.	0.73	33.	0.001
3136	16.96	16.96	142	0.	0.42	19.	0.001	93	0.	0.28	13.	0.001	86	0.	0.26	12.	0.000
3137	16.96	16.96	72	0.	0.21	10.	0.000	45	0.	0.13	6.	0.000	41	0.	0.12	6.	0.000
3138	16.96	16.96	104	0.	0.31	14.	0.001	65	0.	0.19	9.	0.000	59	0.	0.18	8.	0.000
3139	16.96	16.96	161	0.	0.48	22.	0.001	98	0.	0.29	13.	0.001	89	0.	0.27	12.	0.001
3140	16.96	16.96	115	0.	0.34	16.	0.001	74	0.	0.22	10.	0.000	67	0.	0.20	9.	0.000
3141	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3142	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3143	16.96	16.96	0.	1	0.00	2.	0.000	0.	0.	0.00	1.	0.000	0.	0.	0.00	1.	0.000
3144	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3145	16.96	16.96	58	0.	0.17	8.	0.000	34	0.	0.10	5.	0.000	31	0.	0.09	4.	0.000
3147	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3148	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3149	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3150	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3151	16.96	16.96	53	0.	0.16	7.	0.000	33	0.	0.10	5.	0.000	31	0.	0.09	4.	0.000
3152	16.96	16.96	193	0.	0.58	26.	0.001	127	0.	0.38	17.	0.001	118	0.	0.35	16.	0.001
3153	16.96	16.96	336	0.	1.01	46.	0.002	221	0.	0.66	30.	0.001	206	0.	0.62	28.	0.001
3154	16.96	16.96	454	0.	1.36	62.	0.003	300	0.	0.90	41.	0.002	279	0.	0.83	38.	0.002
3155	16.96	16.96	252	0.	0.75	34.	0.001	167	0.	0.50	23.	0.001	155	0.	0.46	21.	0.001
3156	16.96	16.96	66	0.	0.20	9.	0.000	44	0.	0.13	6.	0.000	41	0.	0.12	6.	0.000
3157	16.96	16.96	253	0.	0.76	34.	0.001	152	0.	0.46	21.	0.001	138	0.	0.41	19.	0.001
3158	16.96	16.96	359	0.	1.07	49.	0.002	215	0.	0.64	29.	0.001	195	0.	0.58	26.	0.001
3159	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3160	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3161	16.96	16.96	36	0.	0.11	5.	0.000	18	0.	0.05	2.	0.000	16	0.	0.05	2.	0.000
3162	16.96	16.96	44	0.	0.13	6.	0.000	26	0.	0.08	4.	0.000	24	0.	0.07	3.	0.000
3170	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3171	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3172	16.96	16.96	70	0.	0.21	10.	0.000	44	0.	0.13	6.	0.000	41	0.	0.12	6.	0.000
3173	16.96	16.96	86	0.	0.26	12.	0.000	55	0.	0.17	8.	0.000	52	0.	0.15	7.	0.000
3174	16.96	16.96	193	0.	0.58	26.	0.001	126	0.	0.38	17.	0.001	118	0.	0.35	16.	0.001
3175	16.96	16.96	321	0.	0.96	44.	0.002	212	0.	0.63	29.	0.001	197	0.	0.59	27.	0.001
3176	16.96	16.96	263	0.	0.79	36.	0.001	174	0.	0.52	24.	0.001	162	0.	0.48	22.	0.001
3177	16.96	16.96	142	0.	0.43	19.	0.001	94	0.	0.28	13.	0.001	88	0.	0.26	12.	0.000
3178	16.96	16.96	62	0.	0.19	8.	0.000	37	0.	0.11	5.	0.000	33	0.	0.10	5.	0.000
3179	16.96	16.96	124	0.	0.37	17.	0.001	75	0.	0.22	10.	0.000	68	0.	0.20	9.	0.000
3180	16.96	16.96	212	0.	0.63	29.	0.001	127	0.	0.38	17.	0.001	116	0.	0.35	16.	0.001
3181	16.96	16.96	426	0.	1.28	58.	0.002	256	0.	0.76	35.	0.001	231	0.	0.69	31.	0.001
3182	16.96	16.96	338	0.	1.01	46.	0.002	204	0.	0.61	28.	0.001	184	0.	0.55	25.	0.001
3183	16.96	16.96	64	0.	0.19	9.	0.000	43	0.	0.13	6.	0.000	39	0.	0.12	5.	0.000
3184	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3185	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3186	16.96	16.96	120	0.	0.36	16.	0.001	72	0.	0.21	10.	0.000	65	0.	0.19	9.	0.000
3187	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3188	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3189	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3190	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3191	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3192	16.96	16.96	88	0.	0.26	12.	0.000	57	0.	0.17	8.	0.000	53	0.	0.16	7.	0.000
3193	16.96	16.96	182	0.	0.54	25.	0.001	119	0.	0.36	16.	0.001	111	0.	0.33	15.	0.001
3194	16.96	16.96	270	0.	0.81	37.	0.002	178	0.	0.53	24.	0.001	166	0.	0.50	23.	0.001
3195	16.96	16.96	132	0.	0.40	18.	0.001	88	0.	0.26	12.	0.000	82	0.	0.25	11.	0.000
3196	16.96	16.96	49	0.	0.15	7.	0.000	34	0.	0.10	5.	0.000	32	0.	0.09	4.	0.000
3197	16.96	16.96	329	0.	0.98	45.	0.002	197	0.	0.59	27.	0.001	178	0.	0.53	24.	0.001
3198	16.96	16.96	465	0.	1.39	63.	0.003	277	0.	0.83	38.	0.002	250	0.	0.75	34.	0.001
3199	16.96	16.96	94	0.	0.28	13.	0.001	61	0.	0.18	8.	0.000	55	0.	0.16	7.	0.000
3200	16.96	16.96	114	0.	0.34	15.	0.001	74	0.	0.22	10.	0.000	66	0.	0.20	9.	0.000
3201	16.96	16.96	95	0.	0.28	13.	0.001	57	0.	0.17	8.	0.000	52	0.	0.15	7.	0.000
3202	16.96	16.96	114	0.	0.34	16.	0.001	68	0.	0.20	9.	0.000	61	0.	0.18	8.	0.000
3210	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3211	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3212	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3213	16.96	16.96	7	0.	0.02	1.	0.000	2	0.	0.01	0.	0.000	2	0.	0.01	0.	0.000
3214	16.96	16.96	88	0.	0.26	12.	0.000	56	0.	0.17	8.	0.000	52	0.	0.16	7.	0.000
3215	16.96	16.96	168	0.	0.50	23.	0.001	109	0.	0.33	15.	0.001	102	0.	0.30	14.	0.001
3216	16.96	16.96	191	0.	0.57	26.	0.001	126	0.	0.38	17.	0.001	117	0.	0.35	16.	0.001
3217	16.96	16.96	51	0.	0.15	7.	0.000	34	0.	0.10	5.	0.000	32	0.	0.10	4.	0.000
3218	16.96	16.96	43	0.	0.13	6.	0.000	25	0.	0.07	3.	0.000	22	0.	0.07	3.	0.000
3219	16.96	16.96	116	0.	0.35	16.	0.001	68	0.	0.20	9.	0.000	62	0.	0.18	8.	0.000
3220	16.96	16.96	206	0.	0.62	28.	0.001	122	0.	0.36	17.	0.001	110	0.	0.33	15.	0.001
3221	16.96	16.96	582	0.	1.74	79.	0.003	345	0.	1.03	47.	0.002	312	0.	0.93	42.	0.002
3222	16.96	16.96	595	0.	1.78	81.	0.003	353	0.	1.06	48.	0.002	319	0.	0.96	43.	0.002
3223	16.96	16.96	397	0.	1.19	54.	0.002	237	0.	0.71	32.	0.001	214	0.	0.64	29.	0.001
3224	16.96	16.96	380	0.	1.14	52.	0.002	228	0.	0.68	31.	0.001	206	0.	0.62	28.	0.001
3225	16.96	16.96	161	0.	0.48	22.	0.001	100	0.	0.30	14.	0.001	90	0.	0.27	12.	0.001
3226	16.96	16.96	108	0.	0.32	15.	0.001	64	0.	0.19	9.	0.000	58	0.	0.17	8.	0.000
3227	16.96	16.96	60	0.	0.18	8.	0.000	36	0.	0.11	5.	0.000	33	0.	0.10	4.	0.000
3228	16.96	16.96	69	0.	0.21	9.	0.000	57	0.	0.17	8.	0.000	50	0.	0.15	7.	0.000
3229	16.96	16.96	69	0.	0.21	9.	0.000	57	0.	0.17	8.	0.000	50	0.	0.15	7.	0.000

3230	16.96	16.96	60	0.	0.18	8.	0.000	50	0.	0.15	7.	0.000	44	0.	0.13	6.	0.000
3231	16.96	16.96	41	0.	0.12	6.	0.000	34	0.	0.10	5.	0.000	30	0.	0.09	4.	0.000
3232	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3233	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3234	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3235	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3236	16.96	16.96	86	0.	0.26	12.	0.000	55	0.	0.16	7.	0.000	51	0.	0.15	7.	0.000
3237	16.96	16.96	144	0.	0.43	20.	0.001	94	0.	0.28	13.	0.001	88	0.	0.26	12.	0.000
3238	16.96	16.96	119	0.	0.36	16.	0.001	78	0.	0.23	11.	0.000	73	0.	0.22	10.	0.000
3239	16.96	16.96	17	0.	0.05	2.	0.000	12	0.	0.04	2.	0.000	12	0.	0.03	2.	0.000
3240	16.96	16.96	328	0.	0.98	45.	0.002	194	0.	0.58	26.	0.001	175	0.	0.52	24.	0.001
3241	16.96	16.96	473	0.	1.41	64.	0.003	279	0.	0.84	38.	0.002	253	0.	0.76	34.	0.001
3242	16.96	16.96	440	0.	1.32	60.	0.002	262	0.	0.78	36.	0.001	237	0.	0.71	32.	0.001
3243	16.96	16.96	423	0.	1.27	58.	0.002	254	0.	0.76	35.	0.001	230	0.	0.69	31.	0.001
3244	16.96	16.96	140	0.	0.42	19.	0.001	85	0.	0.26	12.	0.000	77	0.	0.23	10.	0.000
3245	16.96	16.96	96	0.	0.29	13.	0.001	56	0.	0.17	8.	0.000	51	0.	0.15	7.	0.000
3246	16.96	16.96	52	0.	0.15	7.	0.000	33	0.	0.10	4.	0.000	30	0.	0.09	4.	0.000
3253	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3254	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3255	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3256	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3257	16.96	16.96	69	0.	0.21	9.	0.000	44	0.	0.13	6.	0.000	41	0.	0.12	6.	0.000
3258	16.96	16.96	111	0.	0.33	15.	0.001	72	0.	0.22	10.	0.000	67	0.	0.20	9.	0.000
3259	16.96	16.96	63	0.	0.19	9.	0.000	41	0.	0.12	6.	0.000	38	0.	0.11	5.	0.000
3260	16.96	16.96	13	0.	0.04	2.	0.000	6	0.	0.02	1.	0.000	5	0.	0.02	1.	0.000
3261	16.96	16.96	34	0.	0.10	5.	0.000	18	0.	0.05	2.	0.000	15	0.	0.05	2.	0.000
3262	16.96	16.96	91	0.	0.27	12.	0.001	48	0.	0.14	6.	0.000	42	0.	0.12	6.	0.000
3263	16.96	16.96	615	0.	1.84	84.	0.003	363	0.	1.09	49.	0.002	329	0.	0.98	45.	0.002
3264	16.96	16.96	752	0.	2.25	102.	0.004	444	0.	1.33	60.	0.003	401	0.	1.20	55.	0.002
3265	16.96	16.96	815	0.	2.44	111.	0.005	480	0.	1.44	65.	0.003	434	0.	1.30	59.	0.002
3266	16.96	16.96	610	0.	1.82	83.	0.003	362	0.	1.08	49.	0.002	327	0.	0.98	45.	0.002
3267	16.96	16.96	354	0.	1.06	48.	0.002	212	0.	0.63	29.	0.001	192	0.	0.57	26.	0.001
3268	16.96	16.96	98	0.	0.29	13.	0.001	60	0.	0.18	8.	0.000	54	0.	0.16	7.	0.000
3269	16.96	16.96	179	0.	0.53	24.	0.001	144	0.	0.43	20.	0.001	130	0.	0.39	18.	0.001
3270	16.96	16.96	170	0.	0.51	23.	0.001	137	0.	0.41	19.	0.001	123	0.	0.37	17.	0.001
3271	16.96	16.96	145	0.	0.43	20.	0.001	117	0.	0.35	16.	0.001	106	0.	0.32	14.	0.001
3272	16.96	16.96	112	0.	0.33	15.	0.001	90	0.	0.27	12.	0.001	82	0.	0.24	11.	0.000
3273	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3274	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3275	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3276	16.96	16.96	5	0.	0.02	1.	0.000	1	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000
3277	16.96	16.96	55	0.	0.16	8.	0.000	35	0.	0.11	5.	0.000	33	0.	0.10	4.	0.000
3278	16.96	16.96	74	0.	0.22	10.	0.000	48	0.	0.14	7.	0.000	45	0.	0.13	6.	0.000
3279	16.96	16.96	17	0.	0.05	2.	0.000	11	0.	0.03	2.	0.000	10	0.	0.03	1.	0.000
3280	16.96	16.96	198	0.	0.59	27.	0.001	111	0.	0.33	15.	0.001	99	0.	0.30	13.	0.001
3281	16.96	16.96	372	0.	1.11	51.	0.002	219	0.	0.65	30.	0.001	198	0.	0.59	27.	0.001
3282	16.96	16.96	853	0.	2.55	116.	0.005	503	0.	1.50	68.	0.003	455	0.	1.36	62.	0.003
3283	16.96	16.96	578	0.	1.73	79.	0.003	343	0.	1.03	47.	0.002	310	0.	0.93	42.	0.002
3284	16.96	16.96	244	0.	0.73	33.	0.001	147	0.	0.44	20.	0.001	133	0.	0.40	18.	0.001
3285	16.96	16.96	61	0.	0.18	8.	0.000	38	0.	0.11	5.	0.000	35	0.	0.10	5.	0.000
3286	16.96	16.96	63	0.	0.19	9.	0.000	41	0.	0.12	6.	0.000	38	0.	0.11	5.	0.000
3292	16.96	16.96	58	0.	0.17	8.	0.000	48	0.	0.14	6.	0.000	43	0.	0.13	6.	0.000
3293	16.96	16.96	28	0.	0.08	4.	0.000	23	0.	0.07	3.	0.000	21	0.	0.06	3.	0.000
3294	16.96	16.96	0.	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3295	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3296	16.96	16.96	1	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3297	16.96	16.96	44	0.	0.13	6.	0.000	28	0.	0.08	4.	0.000	26	0.	0.08	4.	0.000
3298	16.96	16.96	41	0.	0.12	6.	0.000	26	0.	0.08	4.	0.000	24	0.	0.07	3.	0.000
3299	16.96	16.96	19	0.	0.06	3.	0.000	11	0.	0.03	2.	0.000	10	0.	0.03	1.	0.000
3300	16.96	16.96	53	0.	0.16	7.	0.000	31	0.	0.09	4.	0.000	28	0.	0.08	4.	0.000
3301	16.96	16.96	98	0.	0.29	13.	0.001	57	0.	0.17	8.	0.000	52	0.	0.16	7.	0.000
3302	16.96	16.96	449	0.	1.34	61.	0.003	264	0.	0.79	36.	0.001	239	0.	0.71	33.	0.001
3303	16.96	16.96	478	0.	1.43	65.	0.003	281	0.	0.84	38.	0.002	255	0.	0.76	35.	0.001
3304	16.96	16.96	444	0.	1.33	60.	0.003	261	0.	0.78	36.	0.001	236	0.	0.71	32.	0.001
3305	16.96	16.96	761	0.	2.28	104.	0.004	449	0.	1.34	61.	0.003	406	0.	1.21	55.	0.002
3306	16.96	16.96	460	0.	1.37	63.	0.003	273	0.	0.82	37.	0.002	247	0.	0.74	34.	0.001
3307	16.96	16.96	148	0.	0.44	20.	0.001	90	0.	0.27	12.	0.001	81	0.	0.24	11.	0.000
3308	16.96	16.96	301	0.	0.90	41.	0.002	241	0.	0.72	33.	0.001	219	0.	0.65	30.	0.001
3309	16.96	16.96	285	0.	0.85	39.	0.002	228	0.	0.68	31.	0.001	208	0.	0.62	28.	0.001
3310	16.96	16.96	10	0.	0.03	1.	0.000	8	0.	0.02	1.	0.000	7	0.	0.02	1.	0.000
3311	16.96	16.96	12	0.	0.04	2.	0.000	10	0.	0.03	1.	0.000	9	0.	0.03	1.	0.000
3312	16.96	16.96	29	0.	0.09	4.	0.000	22	0.	0.07	3.	0.000	20	0.	0.06	3.	0.000
3313	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3314	16.96	16.96	24	0.	0.07	3.	0.000	15	0.	0.04	2.	0.000	14	0.	0.04	2.	0.000
3315	16.96	16.96	11	0.	0.03	2.	0.000	7	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000
3316	16.96	16.96	156	0.	0.47	21.	0.001	91	0.	0.27	12.	0.001	82	0.	0.25	11.	0.000
3317	16.96	16.96	220	0.	0.66	30.	0.001	129	0.	0.39	18.	0.001	116	0.	0.35	16.	0.001
3318	16.96	16.96	438	0.	1.31	60.	0.002	258	0.	0.77	35.	0.001	234	0.	0.70	32.	0.001
3319	16.96	16.96	613	0.	1.83	83.	0.003	362	0.	1.08	49.	0.002	328	0.	0.98	45.	0.002
3320	16.96	16.96	320	0.	0.96	44.	0.002	191	0.	0.57	26.	0.001	173	0.	0.52	24.	0.001
3321	16.96	16.96	80	0.	0.24	11.	0.000	49	0.	0.15	7.	0.000	45	0.	0.13	6.	0.000
3322	16.96	16.96	70	0.	0.21	10.	0.000	46	0.	0.14	6.	0.000	43	0.	0.13	6.	0.000
3327	16.96	16.96	109	0.	0.32	15.	0.001	88	0.	0.26	12.	0.000	79	0.	0.24	11.	0.000
3328	16.96	16.96	57	0.	0.17	8.	0.000	46	0.	0.14	6.	0.000	41	0.	0.12	6.	0.000
3329	16.96	16.96	4	0.	0.01	1.	0.000	4	0.	0.01	1.	0.000	3	0.	0.01	0.	0.000
3330	16.96	16.96	45	0.	0.13	6.	0.000	34	0.	0.10	5.	0.000	31	0.	0.09	4.	0.000
3331	16.96	16.96	35	0.	0.10	5.	0.000	28	0.	0.08	4.	0.000	25	0.	0.08	3.	0.000
3332	16.96	16.96	24	0.	0.07	3.	0.000	19	0.	0.06	3.	0.000	18	0.	0.05	2.	0.000
3333	16.96	16.96	15	0.	0.05	2.	0.000	13	0.	0.04	2.	0.000	12	0.	0.04	2.	0.000
3334	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3335	16.96	16.96	6	0.	0.02	1.	0.000	3	0.	0.01	0.	0.000	3	0.	0.01	0.	0.000
3336	16.96	16.96	13	0.	0.04	2.	0.000	7	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000
3337	16.96	16.96	34	0.	0.10	5.	0.000	20	0.	0.06	3.	0.000	18	0.	0.05	2.	0.000
3338	16.96	16.96	61	0.	0.18	8.	0.000	36	0.	0.11	5.	0.000	32	0.	0.10	4.	0.000
3339	16.96	16.96	262	0.	0.78	36.	0.001	154	0.	0.46	21.	0.001	139	0.	0.42	19.	0.001
3340	16.96	16.96	275	0.	0.82	37.	0.002	161	0.	0.48	22.	0.001	146	0.	0.44	20.	0.001
3341	16.96	16.96	273	0.	0.82	37.	0.002	160	0.	0.48	22.	0.001	145	0.	0.43	20.	0.001
3342	16.96	16.96	474	0.	1.42	65.	0.003	279	0.	0.84	38.	0.002	253	0.	0.76	34.	0.001
3343	16.96	16.96	470	0.	1.41	64.	0.003	278	0.	0.83	38.	0.002	251	0.	0.75	34.	0.001
3344	16.96	16.96	202	0.	0.60	27.	0.001	121	0.	0.36	16.	0.001	109	0.	0.33	15.	0.001
3345	16.96	16.96	59	0.	0.18	8.	0.000	38	0.	0.11	5.	0.000	35	0.	0.10	5.	0.000
3346	16.96	16.96	67	0.	0.20	9.	0.000	44	0.	0.13	6.	0.000	40	0.	0.12	5.	0.000

3347	16.96	16.96	403	0.	1.21	55.	0.002	319	0.	0.95	43.	0.002	291	0.	0.87	40.	0.002
3348	16.96	16.96	335	0.	1.00	46.	0.002	268	0.	0.80	36.	0.002	244	0.	0.73	33.	0.001
3349	16.96	16.96	228	0.	0.68	31.	0.001	183	0.	0.55	25.	0.001	167	0.	0.50	23.	0.001
3350	16.96	16.96	29	0.	0.09	4.	0.000	22	0.	0.07	3.	0.000	20	0.	0.06	3.	0.000
3351	16.96	16.96	81	0.	0.24	11.	0.000	61	0.	0.18	8.	0.000	56	0.	0.17	8.	0.000
3352	16.96	16.96	114	0.	0.34	16.	0.001	86	0.	0.26	12.	0.000	79	0.	0.24	11.	0.000
3353	16.96	16.96	31	0.	0.09	4.	0.000	25	0.	0.07	3.	0.000	23	0.	0.07	3.	0.000
3354	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3355	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3356	16.96	16.96	90	0.	0.27	12.	0.001	52	0.	0.16	7.	0.000	47	0.	0.14	6.	0.000
3357	16.96	16.96	117	0.	0.35	16.	0.001	68	0.	0.20	9.	0.000	61	0.	0.18	8.	0.000
3358	16.96	16.96	272	0.	0.81	37.	0.002	159	0.	0.48	22.	0.001	144	0.	0.43	20.	0.001
3359	16.96	16.96	449	0.	1.34	61.	0.003	264	0.	0.79	36.	0.001	239	0.	0.72	33.	0.001
3360	16.96	16.96	326	0.	0.98	44.	0.002	193	0.	0.58	26.	0.001	175	0.	0.52	24.	0.001
3361	16.96	16.96	84	0.	0.25	11.	0.000	57	0.	0.17	8.	0.000	53	0.	0.16	7.	0.000
3362	16.96	16.96	50	0.	0.15	7.	0.000	31	0.	0.09	4.	0.000	29	0.	0.09	4.	0.000
3366	16.96	16.96	130	0.	0.39	18.	0.001	105	0.	0.31	14.	0.001	95	0.	0.28	13.	0.001
3367	16.96	16.96	65	0.	0.19	9.	0.000	53	0.	0.16	7.	0.000	48	0.	0.14	7.	0.000
3368	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3369	16.96	16.96	87	0.	0.26	12.	0.000	65	0.	0.19	9.	0.000	60	0.	0.18	8.	0.000
3370	16.96	16.96	147	0.	0.44	20.	0.001	110	0.	0.33	15.	0.001	102	0.	0.30	14.	0.001
3371	16.96	16.96	149	0.	0.45	20.	0.001	111	0.	0.33	15.	0.001	103	0.	0.31	14.	0.001
3372	16.96	16.96	143	0.	0.43	19.	0.001	107	0.	0.32	15.	0.001	99	0.	0.29	13.	0.001
3373	16.96	16.96	28	0.	0.08	4.	0.000	22	0.	0.07	3.	0.000	20	0.	0.06	3.	0.000
3374	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3375	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3376	16.96	16.96	5	0.	0.02	1.	0.000	2	0.	0.01	0.	0.000	2	0.	0.00	0.	0.000
3377	16.96	16.96	20	0.	0.06	3.	0.000	10	0.	0.03	1.	0.000	9	0.	0.03	1.	0.000
3378	16.96	16.96	136	0.	0.41	19.	0.001	78	0.	0.23	11.	0.000	71	0.	0.21	10.	0.000
3379	16.96	16.96	147	0.	0.44	20.	0.001	86	0.	0.26	12.	0.000	77	0.	0.23	11.	0.000
3380	16.96	16.96	157	0.	0.47	21.	0.001	91	0.	0.27	12.	0.001	82	0.	0.25	11.	0.000
3381	16.96	16.96	275	0.	0.82	37.	0.002	161	0.	0.48	22.	0.001	146	0.	0.44	20.	0.001
3382	16.96	16.96	373	0.	1.11	51.	0.002	220	0.	0.66	30.	0.001	199	0.	0.59	27.	0.001
3383	16.96	16.96	210	0.	0.63	29.	0.001	124	0.	0.37	17.	0.001	112	0.	0.34	15.	0.001
3384	16.96	16.96	65	0.	0.19	9.	0.000	42	0.	0.12	6.	0.000	38	0.	0.11	5.	0.000
3385	16.96	16.96	102	0.	0.30	14.	0.001	67	0.	0.20	9.	0.000	62	0.	0.18	8.	0.000
3386	16.96	16.96	429	0.	1.28	58.	0.002	334	0.	1.00	45.	0.002	312	0.	0.93	42.	0.002
3387	16.96	16.96	389	0.	1.16	53.	0.002	308	0.	0.92	42.	0.002	284	0.	0.85	39.	0.002
3388	16.96	16.96	300	0.	0.90	41.	0.002	241	0.	0.72	33.	0.001	220	0.	0.66	30.	0.001
3389	16.96	16.96	27	0.	0.08	4.	0.000	20	0.	0.06	3.	0.000	18	0.	0.05	2.	0.000
3390	16.96	16.96	150	0.	0.45	20.	0.001	112	0.	0.33	15.	0.001	103	0.	0.31	14.	0.001
3391	16.96	16.96	222	0.	0.66	30.	0.001	165	0.	0.49	22.	0.001	152	0.	0.45	21.	0.001
3392	16.96	16.96	142	0.	0.42	19.	0.001	106	0.	0.32	14.	0.001	98	0.	0.29	13.	0.001
3393	16.96	16.96	13	0.	0.04	2.	0.000	12	0.	0.04	2.	0.000	11	0.	0.03	1.	0.000
3394	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3395	16.96	16.96	36	0.	0.11	5.	0.000	20	0.	0.06	3.	0.000	18	0.	0.05	2.	0.000
3396	16.96	16.96	44	0.	0.13	6.	0.000	24	0.	0.07	3.	0.000	22	0.	0.07	3.	0.000
3397	16.96	16.96	158	0.	0.47	22.	0.001	92	0.	0.28	13.	0.001	83	0.	0.25	11.	0.000
3398	16.96	16.96	263	0.	0.79	36.	0.001	154	0.	0.46	21.	0.001	140	0.	0.42	19.	0.001
3399	16.96	16.96	220	0.	0.66	30.	0.001	130	0.	0.39	18.	0.001	117	0.	0.35	16.	0.001
3400	16.96	16.96	157	0.	0.47	21.	0.001	104	0.	0.31	14.	0.001	97	0.	0.29	13.	0.001
3401	16.96	16.96	108	0.	0.32	15.	0.001	74	0.	0.22	10.	0.000	69	0.	0.21	9.	0.000
3402	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3405	16.96	16.96	146	0.	0.44	20.	0.001	119	0.	0.36	16.	0.001	108	0.	0.32	15.	0.001
3406	16.96	16.96	30	0.	0.09	4.	0.000	26	0.	0.08	4.	0.000	23	0.	0.07	3.	0.000
3407	16.96	16.96	96	0.	0.29	13.	0.001	71	0.	0.21	10.	0.000	65	0.	0.19	9.	0.000
3408	16.96	16.96	283	0.	0.85	39.	0.002	210	0.	0.63	29.	0.001	194	0.	0.58	26.	0.001
3409	16.96	16.96	297	0.	0.89	40.	0.002	221	0.	0.66	30.	0.001	204	0.	0.61	28.	0.001
3410	16.96	16.96	292	0.	0.87	40.	0.002	217	0.	0.65	30.	0.001	200	0.	0.60	27.	0.001
3411	16.96	16.96	121	0.	0.36	16.	0.001	91	0.	0.27	12.	0.001	84	0.	0.25	11.	0.000
3412	16.96	16.96	0.	0.	0.00	0.	0.000	2	0.	0.01	0.	0.000	2	0.	0.00	0.	0.000
3413	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3414	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3415	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3416	16.96	16.96	55	0.	0.16	7.	0.000	30	0.	0.09	4.	0.000	27	0.	0.08	4.	0.000
3417	16.96	16.96	68	0.	0.20	9.	0.000	38	0.	0.11	5.	0.000	34	0.	0.10	5.	0.000
3418	16.96	16.96	70	0.	0.21	9.	0.000	39	0.	0.12	5.	0.000	35	0.	0.10	5.	0.000
3419	16.96	16.96	149	0.	0.44	20.	0.001	86	0.	0.26	12.	0.000	78	0.	0.23	11.	0.000
3420	16.96	16.96	222	0.	0.66	30.	0.001	130	0.	0.39	18.	0.001	118	0.	0.35	16.	0.001
3421	16.96	16.96	60	0.	0.18	8.	0.000	40	0.	0.12	5.	0.000	37	0.	0.11	5.	0.000
3422	16.96	16.96	114	0.	0.34	15.	0.001	75	0.	0.23	10.	0.000	70	0.	0.21	10.	0.000
3423	16.96	16.96	372	0.	1.11	51.	0.002	255	0.	0.76	35.	0.001	262	0.	0.78	36.	0.001
3424	16.96	16.96	276	0.	0.83	38.	0.002	187	0.	0.56	25.	0.001	198	0.	0.59	27.	0.001
3425	16.96	16.96	253	0.	0.76	34.	0.001	175	0.	0.52	24.	0.001	180	0.	0.54	25.	0.001
3426	16.96	16.96	262	0.	0.78	36.	0.001	189	0.	0.57	26.	0.001	187	0.	0.56	25.	0.001
3427	16.96	16.96	290	0.	0.87	39.	0.002	220	0.	0.66	30.	0.001	207	0.	0.62	28.	0.001
3428	16.96	16.96	262	0.	0.78	36.	0.001	205	0.	0.61	28.	0.001	187	0.	0.56	25.	0.001
3429	16.96	16.96	57	0.	0.17	8.	0.000	43	0.	0.13	6.	0.000	38	0.	0.11	5.	0.000
3430	16.96	16.96	219	0.	0.65	30.	0.001	162	0.	0.48	22.	0.001	149	0.	0.45	20.	0.001
3431	16.96	16.96	357	0.	1.07	49.	0.002	264	0.	0.79	36.	0.001	243	0.	0.73	33.	0.001
3432	16.96	16.96	279	0.	0.83	38.	0.002	207	0.	0.62	28.	0.001	191	0.	0.57	26.	0.001
3433	16.96	16.96	94	0.	0.28	13.	0.001	71	0.	0.21	10.	0.000	65	0.	0.19	9.	0.000
3434	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3435	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3436	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3437	16.96	16.96	72	0.	0.22	10.	0.000	40	0.	0.12	6.	0.000	36	0.	0.11	5.	0.000
3438	16.96	16.96	137	0.	0.41	19.	0.001	79	0.	0.24	11.	0.000	71	0.	0.21	10.	0.000
3439	16.96	16.96	160	0.	0.48	22.	0.001	94	0.	0.28	13.	0.001	85	0.	0.25	12.	0.000
3440	16.96	16.96	185	0.	0.55	25.	0.001	123	0.	0.37	17.	0.001	115	0.	0.34	16.	0.001
3441	16.96	16.96	229	0.	0.68	31.	0.001	154	0.	0.46	21.	0.001	143	0.	0.43	19.	0.001
3442	16.96	16.96	113	0.	0.34	15.	0.001	78	0.	0.23	11.	0.000	73	0.	0.22	10.	0.000
3443	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3445	16.96	16.96	158	0.	0.47	21.	0.001	126	0.	0.38	17.	0.001	113	0.	0.34	15.	0.001
3446	16.96	16.96	230	0.	0.69	31.	0.001	170	0.	0.51	23.	0.001	156	0.	0.47	21.	0.001
3447	16.96	16.96	504	0.	1.51	69.	0.003	373	0.	1.12	51.	0.002	344	0.	1.03	47.	0.002
3448	16.96	16.96	495	0.	1.48	67.	0.003	366	0.	1.10	50.	0.002	338	0.	1.01	46.	0.002
3449	16.96	16.96	495	0.	1.48	67.	0.003	367	0.	1.10	50.	0.002	338	0.	1.01	46.	0.002
3450	16.96	16.96	259	0.	0.77	35.	0.001	193	0.	0.58	26.	0.001	178	0.	0.53	24.	0.001
3451	16.96	16.96	75	0.	0.23	10.	0.000	56	0.	0.17	8.	0.000	52	0.	0.16	7.	0.000
3452	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3453	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3454	16.96	16.96	4	0.	0.01	1.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000

3455	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3456	16.96	16.96	70	0.	0.21	9.	0.000	39	0.	0.12	5.	0.000	35	0.	0.10	5.	0.000
3457	16.96	16.96	118	0.	0.35	16.	0.001	68	0.	0.20	9.	0.000	61	0.	0.18	8.	0.000
3458	16.96	16.96	31	0.	0.09	4.	0.000	22	0.	0.06	3.	0.000	20	0.	0.06	3.	0.000
3459	16.96	16.96	82	0.	0.25	11.	0.000	56	0.	0.17	8.	0.000	52	0.	0.16	7.	0.000
3460	16.96	16.96	63	0.	0.19	9.	0.000	17	0.	0.05	2.	0.000	44	0.	0.13	6.	0.000
3461	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3462	16.96	16.96	52	0.	0.15	7.	0.000	13	0.	0.04	2.	0.000	34	0.	0.10	5.	0.000
3463	16.96	16.96	92	0.	0.28	13.	0.001	51	0.	0.15	7.	0.000	62	0.	0.19	8.	0.000
3464	16.96	16.96	123	0.	0.37	17.	0.001	83	0.	0.25	11.	0.000	84	0.	0.25	11.	0.000
3465	16.96	16.96	151	0.	0.45	21.	0.001	115	0.	0.34	16.	0.001	107	0.	0.32	15.	0.001
3466	16.96	16.96	175	0.	0.52	24.	0.001	134	0.	0.40	18.	0.001	121	0.	0.36	16.	0.001
3467	16.96	16.96	413	0.	1.24	56.	0.002	305	0.	0.91	41.	0.002	281	0.	0.84	38.	0.002
3468	16.96	16.96	592	0.	1.77	81.	0.003	437	0.	1.31	59.	0.002	403	0.	1.20	55.	0.002
3469	16.96	16.96	500	0.	1.49	68.	0.003	370	0.	1.11	50.	0.002	342	0.	1.02	46.	0.002
3470	16.96	16.96	222	0.	0.66	30.	0.001	165	0.	0.49	22.	0.001	152	0.	0.46	21.	0.001
3471	16.96	16.96	47	0.	0.14	6.	0.000	35	0.	0.11	5.	0.000	33	0.	0.10	4.	0.000
3472	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3473	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3474	16.96	16.96	56	0.	0.17	8.	0.000	30	0.	0.09	4.	0.000	27	0.	0.08	4.	0.000
3475	16.96	16.96	155	0.	0.46	21.	0.001	105	0.	0.31	14.	0.001	98	0.	0.29	13.	0.001
3476	16.96	16.96	277	0.	0.83	38.	0.002	185	0.	0.55	25.	0.001	172	0.	0.51	23.	0.001
3477	16.96	16.96	304	0.	0.91	41.	0.002	204	0.	0.61	28.	0.001	190	0.	0.57	26.	0.001
3478	16.96	16.96	79	0.	0.24	11.	0.000	55	0.	0.17	8.	0.000	51	0.	0.15	7.	0.000
3479	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3480	16.96	16.96	135	0.	0.40	18.	0.001	109	0.	0.33	15.	0.001	97	0.	0.29	13.	0.001
3481	16.96	16.96	274	0.	0.82	37.	0.002	205	0.	0.61	28.	0.001	188	0.	0.56	26.	0.001
3482	16.96	16.96	873	0.	2.61	119.	0.005	647	0.	1.93	88.	0.004	597	0.	1.78	81.	0.003
3483	16.96	16.96	789	0.	2.36	107.	0.004	590	0.	1.76	80.	0.003	545	0.	1.63	74.	0.003
3484	16.96	16.96	778	0.	2.33	106.	0.004	582	0.	1.74	79.	0.003	538	0.	1.61	73.	0.003
3485	16.96	16.96	477	0.	1.43	65.	0.003	354	0.	1.06	48.	0.002	326	0.	0.98	44.	0.002
3486	16.96	16.96	170	0.	0.51	23.	0.001	127	0.	0.38	17.	0.001	117	0.	0.35	16.	0.001
3487	16.96	16.96	22	0.	0.06	3.	0.000	17	0.	0.05	2.	0.000	16	0.	0.05	2.	0.000
3488	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3489	16.96	16.96	3	0.	0.01	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3490	16.96	16.96	44	0.	0.13	6.	0.000	24	0.	0.07	3.	0.000	22	0.	0.07	3.	0.000
3491	16.96	16.96	38	0.	0.11	5.	0.000	22	0.	0.07	3.	0.000	20	0.	0.06	3.	0.000
3492	16.96	16.96	14	0.	0.04	2.	0.000	10	0.	0.03	1.	0.000	9	0.	0.03	1.	0.000
3493	16.96	16.96	36	0.	0.11	5.	0.000	25	0.	0.07	3.	0.000	23	0.	0.07	3.	0.000
3494	16.96	16.96	294	0.	0.88	40.	0.002	222	0.	0.66	30.	0.001	211	0.	0.63	29.	0.001
3495	16.96	16.96	99	0.	0.30	13.	0.001	64	0.	0.19	9.	0.000	70	0.	0.21	9.	0.000
3496	16.96	16.96	34	0.	0.10	5.	0.000	11	0.	0.03	2.	0.000	23	0.	0.07	3.	0.000
3497	16.96	16.96	44	0.	0.13	6.	0.000	19	0.	0.06	3.	0.000	30	0.	0.09	4.	0.000
3498	16.96	16.96	88	0.	0.26	12.	0.000	55	0.	0.16	7.	0.000	61	0.	0.18	8.	0.000
3499	16.96	16.96	110	0.	0.33	15.	0.001	76	0.	0.23	10.	0.000	76	0.	0.23	10.	0.000
3500	16.96	16.96	149	0.	0.44	20.	0.001	112	0.	0.33	15.	0.001	101	0.	0.30	14.	0.001
3501	16.96	16.96	428	0.	1.28	58.	0.002	316	0.	0.95	43.	0.002	292	0.	0.87	40.	0.002
3502	16.96	16.96	628	0.	1.88	85.	0.004	463	0.	1.38	63.	0.003	427	0.	1.28	58.	0.002
3503	16.96	16.96	852	0.	2.55	116.	0.005	629	0.	1.88	86.	0.004	580	0.	1.74	79.	0.003
3504	16.96	16.96	401	0.	1.20	54.	0.002	297	0.	0.89	40.	0.002	274	0.	0.82	37.	0.002
3505	16.96	16.96	116	0.	0.35	16.	0.001	87	0.	0.26	12.	0.000	80	0.	0.24	11.	0.000
3506	16.96	16.96	4	0.	0.01	1.	0.000	4	0.	0.01	1.	0.000	3	0.	0.01	0.	0.000
3507	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3508	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3509	16.96	16.96	83	0.	0.25	11.	0.000	56	0.	0.17	8.	0.000	52	0.	0.16	7.	0.000
3510	16.96	16.96	245	0.	0.73	33.	0.001	164	0.	0.49	22.	0.001	153	0.	0.46	21.	0.001
3511	16.96	16.96	386	0.	1.16	53.	0.002	258	0.	0.77	35.	0.001	241	0.	0.72	33.	0.001
3512	16.96	16.96	354	0.	1.06	48.	0.002	237	0.	0.71	32.	0.001	221	0.	0.66	30.	0.001
3513	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3514	16.96	16.96	97	0.	0.29	13.	0.001	71	0.	0.21	10.	0.000	67	0.	0.20	9.	0.000
3515	16.96	16.96	237	0.	0.71	32.	0.001	177	0.	0.53	24.	0.001	164	0.	0.49	22.	0.001
3516	16.96	16.96	1356	0.	4.06	185.	0.008	1000	0.	2.99	136.	0.006	923	0.	2.76	126.	0.005
3517	16.96	16.96	1460	0.	4.37	199.	0.008	1076	0.	3.22	146.	0.006	991	0.	2.96	135.	0.006
3518	16.96	16.96	1505	0.	4.50	205.	0.009	1115	0.	3.33	152.	0.006	1031	0.	3.08	140.	0.006
3519	16.96	16.96	803	0.	2.40	109.	0.005	594	0.	1.78	81.	0.003	548	0.	1.64	75.	0.003
3520	16.96	16.96	283	0.	0.85	39.	0.002	210	0.	0.63	29.	0.001	194	0.	0.58	26.	0.001
3521	16.96	16.96	68	0.	0.20	9.	0.000	50	0.	0.15	7.	0.000	46	0.	0.14	6.	0.000
3522	16.96	16.96	7	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000
3523	16.96	16.96	21	0.	0.06	3.	0.000	16	0.	0.05	2.	0.000	15	0.	0.04	2.	0.000
3524	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3525	16.96	16.96	0.	0.	0.00	0.	0.000	2	0.	0.01	0.	0.000	2	0.	0.01	0.	0.000
3526	16.96	16.96	12	0.	0.04	2.	0.000	11	0.	0.03	2.	0.000	10	0.	0.03	1.	0.000
3527	16.96	16.96	15	0.	0.05	2.	0.000	8	0.	0.02	1.	0.000	7	0.	0.02	1.	0.000
3528	16.96	16.96	20	0.	0.06	3.	0.000	13	0.	0.04	2.	0.000	12	0.	0.04	2.	0.000
3529	16.96	16.96	36	0.	0.11	5.	0.000	24	0.	0.07	3.	0.000	22	0.	0.07	3.	0.000
3530	16.96	16.96	157	0.	0.47	21.	0.001	129	0.	0.38	17.	0.001	107	0.	0.32	15.	0.001
3531	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3532	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3533	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3534	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3535	16.96	16.96	147	0.	0.44	20.	0.001	102	0.	0.30	14.	0.001	106	0.	0.32	14.	0.001
3536	16.96	16.96	236	0.	0.71	32.	0.001	177	0.	0.53	24.	0.001	172	0.	0.51	23.	0.001
3537	16.96	16.96	134	0.	0.40	18.	0.001	99	0.	0.30	14.	0.001	95	0.	0.28	13.	0.001
3538	16.96	16.96	345	0.	1.03	47.	0.002	254	0.	0.76	35.	0.001	235	0.	0.70	32.	0.001
3539	16.96	16.96	483	0.	1.44	66.	0.003	353	0.	1.06	48.	0.002	327	0.	0.98	44.	0.002
3540	16.96	16.96	1346	0.	4.02	183.	0.008	994	0.	2.97	135.	0.006	918	0.	2.74	125.	0.005
3541	16.96	16.96	665	0.	1.99	91.	0.004	492	0.	1.47	67.	0.003	454	0.	1.36	62.	0.003
3542	16.96	16.96	178	0.	0.53	24.	0.001	132	0.	0.39	18.	0.001	121	0.	0.36	17.	0.001
3543	16.96	16.96	25	0.	0.07	3.	0.000	19	0.	0.06	3.	0.000	17	0.	0.05	2.	0.000
3544	16.96	16.96	42	0.	0.13	6.	0.000	31	0.	0.09	4.	0.000	29	0.	0.09	4.	0.000
3545	16.96	16.96	25	0.	0.08	3.	0.000	21	0.	0.06	3.	0.000	19	0.	0.06	3.	0.000
3546	16.96	16.96	31	0.	0.09	4.	0.000	24	0.	0.07	3.	0.000	22	0.	0.07	3.	0.000
3547	16.96	16.96	56	0.	0.17	8.	0.000	38	0.	0.11	5.	0.000	35	0.	0.11	5.	0.000
3548	16.96	16.96	152	0.	0.45	21.	0.001	102	0.	0.30	14.	0.001	95	0.	0.28	13.	0.001
3549	16.96	16.96	349	0.	1.04	47.	0.002	233	0.	0.70	32.	0.001	217	0.	0.65	30.	0.001
3550	16.96	16.96	501	0.	1.50	68.	0.003	335	0.	1.00	46.	0.002	312	0.	0.93	42.	0.002
3551	16.96	16.96	355	0.	1.06	48.	0.002	237	0.	0.71	32.	0.001	221	0.	0.66	30.	0.001
3552	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3553	16.96	16.96	231	0.	0.69	31.	0.001	173	0.	0.52	23.	0.001	167	0.	0.50	23.	0.001
3554	16.96	16.96	173	0.	0.52	24.	0.001	127	0.	0.38	17.	0.001	121	0.	0.36	16.	0.001
3555	16.96	16.96	657	0.	1.96	89.	0.004	472	0.	1.41	64.	0.003	438	0.	1.31	60.	0.002
3556	16.96	16.96	1020	0.	3.05	139.	0.006	748	0.	2.24	102.	0.004	691	0.	2.07	94.	0.004

3557	16.96	16.96	672	0.	2.01	91.	0.004	491	0.	1.47	67.	0.003	453	0.	1.36	62.	0.003
3558	16.96	16.96	685	0.	2.05	93.	0.004	496	0.	1.48	67.	0.003	459	0.	1.37	62.	0.003
3559	16.96	16.96	1081	0.	3.23	147.	0.006	797	0.	2.38	108.	0.005	735	0.	2.20	100.	0.004
3560	16.96	16.96	359	0.	1.07	49.	0.002	264	0.	0.79	36.	0.001	244	0.	0.73	33.	0.001
3561	16.96	16.96	96	0.	0.29	13.	0.001	72	0.	0.21	10.	0.000	66	0.	0.20	9.	0.000
3562	16.96	16.96	28	0.	0.08	4.	0.000	21	0.	0.06	3.	0.000	19	0.	0.06	3.	0.000
3563	16.96	16.96	61	0.	0.18	8.	0.000	45	0.	0.13	6.	0.000	41	0.	0.12	6.	0.000
3564	16.96	16.96	104	0.	0.31	14.	0.001	75	0.	0.22	10.	0.000	69	0.	0.21	9.	0.000
3565	16.96	16.96	67	0.	0.20	9.	0.000	49	0.	0.15	7.	0.000	45	0.	0.13	6.	0.000
3566	16.96	16.96	84	0.	0.25	11.	0.000	61	0.	0.18	8.	0.000	56	0.	0.17	8.	0.000
3567	16.96	16.96	107	0.	0.32	15.	0.001	78	0.	0.23	11.	0.000	72	0.	0.21	10.	0.000
3568	16.96	16.96	21	0.	0.06	3.	0.000	17	0.	0.05	2.	0.000	16	0.	0.05	2.	0.000
3569	16.96	16.96	16	0.	0.05	2.	0.000	14	0.	0.04	2.	0.000	13	0.	0.04	2.	0.000
3570	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3571	16.96	16.96	6	0.	0.02	1.	0.000	3	0.	0.01	0.	0.000	3	0.	0.01	0.	0.000
3572	16.96	16.96	13	0.	0.04	2.	0.000	8	0.	0.03	1.	0.000	8	0.	0.02	1.	0.000
3573	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3574	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3575	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3576	16.96	16.96	221	0.	0.66	30.	0.001	180	0.	0.54	25.	0.001	166	0.	0.50	23.	0.001
3577	16.96	16.96	251	0.	0.75	34.	0.001	196	0.	0.59	27.	0.001	185	0.	0.55	25.	0.001
3578	16.96	16.96	231	0.	0.69	31.	0.001	176	0.	0.53	24.	0.001	168	0.	0.50	23.	0.001
3579	16.96	16.96	125	0.	0.37	17.	0.001	91	0.	0.27	12.	0.001	89	0.	0.27	12.	0.001
3580	16.96	16.96	237	0.	0.71	32.	0.001	171	0.	0.51	23.	0.001	161	0.	0.48	22.	0.001
3581	16.96	16.96	501	0.	1.50	68.	0.003	356	0.	1.07	48.	0.002	330	0.	0.99	45.	0.002
3582	16.96	16.96	1022	0.	3.06	139.	0.006	748	0.	2.24	102.	0.004	691	0.	2.07	94.	0.004
3583	16.96	16.96	825	0.	2.47	112.	0.005	607	0.	1.82	83.	0.003	561	0.	1.68	76.	0.003
3584	16.96	16.96	169	0.	0.50	23.	0.001	123	0.	0.37	17.	0.001	114	0.	0.34	16.	0.001
3585	16.96	16.96	30	0.	0.09	4.	0.000	23	0.	0.07	3.	0.000	21	0.	0.06	3.	0.000
3586	16.96	16.96	150	0.	0.45	20.	0.001	108	0.	0.32	15.	0.001	99	0.	0.30	13.	0.001
3587	16.96	16.96	126	0.	0.38	17.	0.001	92	0.	0.27	12.	0.001	84	0.	0.25	11.	0.000
3588	16.96	16.96	128	0.	0.38	17.	0.001	93	0.	0.28	13.	0.001	85	0.	0.25	12.	0.000
3589	16.96	16.96	29	0.	0.09	4.	0.000	23	0.	0.07	3.	0.000	21	0.	0.06	3.	0.000
3590	16.96	16.96	23	0.	0.07	3.	0.000	15	0.	0.05	2.	0.000	14	0.	0.04	2.	0.000
3591	16.96	16.96	82	0.	0.25	11.	0.000	55	0.	0.17	8.	0.000	52	0.	0.15	7.	0.000
3592	16.96	16.96	211	0.	0.63	29.	0.001	141	0.	0.42	19.	0.001	131	0.	0.39	18.	0.001
3593	16.96	16.96	518	0.	1.55	70.	0.003	345	0.	1.03	47.	0.002	321	0.	0.96	44.	0.002
3594	16.96	16.96	582	0.	1.74	79.	0.003	388	0.	1.16	53.	0.002	361	0.	1.08	49.	0.002
3595	16.96	16.96	338	0.	1.01	46.	0.002	225	0.	0.67	31.	0.001	209	0.	0.63	28.	0.001
3596	16.96	16.96	177	0.	0.53	24.	0.001	133	0.	0.40	18.	0.001	129	0.	0.39	18.	0.001
3597	16.96	16.96	56	0.	0.17	8.	0.000	36	0.	0.11	5.	0.000	36	0.	0.11	5.	0.000
3598	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3599	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3600	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000

ARMATURA SUPERIORE ORIZZONTALE

			COMBINAZIONE RARA					COMBINAZIONE FREQUENTE					COMBINAZIONE QUASI PERMANENTE				
GUSCI	Af	Afc	Mom	Nor	c	f	WkR	Mom	Nor	c	f	WkF	Mom	Nor	c	f	WkP
2651	16.96	16.96	480	0.	1.44	65.	0.003	344	0.	1.03	47.	0.002	322	0.	0.96	44.	0.002
2652	16.96	16.96	841	0.	2.51	115.	0.005	648	0.	1.94	88.	0.004	621	0.	1.86	85.	0.004
2653	16.96	16.96	313	0.	0.94	43.	0.002	247	0.	0.74	34.	0.001	239	0.	0.72	33.	0.001
2654	16.96	16.96	8	0.	0.03	1.	0.000	11	0.	0.03	2.	0.000	13	0.	0.04	2.	0.000
2655	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2656	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2657	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2658	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2659	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2675	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2676	16.96	16.96	223	0.	0.67	30.	0.001	148	0.	0.44	20.	0.001	138	0.	0.41	19.	0.001
2698	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2699	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2700	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2701	16.96	16.96	717	0.	2.14	98.	0.004	476	0.	1.42	65.	0.003	442	0.	1.32	60.	0.003
2719	16.96	16.96	42	0.	0.12	6.	0.000	28	0.	0.08	4.	0.000	27	0.	0.08	4.	0.000
2720	16.96	16.96	546	0.	1.63	74.	0.003	362	0.	1.08	49.	0.002	337	0.	1.01	46.	0.002
2721	16.96	16.96	1319	0.	3.95	179.	0.007	876	0.	2.62	119.	0.005	814	0.	2.43	111.	0.005
2722	16.96	16.96	1775	0.	5.31	241.	0.010	1182	0.	3.53	161.	0.007	1096	0.	3.28	149.	0.006
2723	16.96	16.96	1774	0.	5.31	241.	0.010	1181	0.	3.53	161.	0.007	1095	0.	3.28	149.	0.006
2742	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2743	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2744	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2745	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2746	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2747	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2748	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2749	16.96	16.96	1272	0.	3.80	173.	0.007	845	0.	2.53	115.	0.005	786	0.	2.35	107.	0.004
2750	16.96	16.96	1332	0.	3.98	181.	0.008	883	0.	2.64	120.	0.005	819	0.	2.45	111.	0.005
2768	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2769	16.96	16.96	180	0.	0.54	24.	0.001	120	0.	0.36	16.	0.001	112	0.	0.34	15.	0.001
2770	16.96	16.96	974	0.	2.91	133.	0.006	646	0.	1.93	88.	0.004	602	0.	1.80	82.	0.003
2771	16.96	16.96	2287	0.	6.84	311.	0.013	1523	0.	4.55	207.	0.009	1414	0.	4.23	192.	0.008
2772	16.96	16.96	2302	0.	6.88	313.	0.013	1531	0.	4.58	208.	0.009	1421	0.	4.25	193.	0.008
2773	16.96	16.96	730	0.	2.18	99.	0.004	482	0.	1.44	66.	0.003	447	0.	1.34	61.	0.003
2787	16.96	16.96	291	0.	0.87	40.	0.002	218	0.	0.65	30.	0.001	210	0.	0.63	29.	0.001
2788	16.96	16.96	688	0.	2.05	94.	0.004	528	0.	1.57	72.	0.003	506	0.	1.51	69.	0.003
2789	16.96	16.96	456	0.	1.36	62.	0.003	350	0.	1.05	48.	0.002	334	0.	1.00	45.	0.002
2790	16.96	16.96	178	0.	0.53	24.	0.001	136	0.	0.41	19.	0.001	129	0.	0.39	18.	0.001
2791	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2792	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2793	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2794	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2795	16.96	16.96	2534	1	7.57	346.	0.014	1682	0.	5.02	230.	0.010	1565	0.	4.67	214.	0.009
2796	16.96	16.96	1290	0.	3.86	175.	0.007	854	0.	2.55	116.	0.005	793	0.	2.37	108.	0.004
2797	16.96	16.96	233	0.	0.70	32.	0.001	152	0.	0.45	21.	0.001	141	0.	0.42	19.	0.001
2814	16.96	16.96	322	0.	0.96	44.	0.002	216	0.	0.64	29.	0.001	200	0.	0.60	27.	0.001
2815	16.96	16.96	1152	0.	3.45	157.	0.007	766	0.	2.29	104.	0.004	711	0.	2.12	97.	0.004
2816	16.96	16.96	2577	0.	7.70	352.	0.015	1706	0.	5.09	233.	0.010	1585	0.	4.73	216.	0.009
2817	16.96	16.96	559	0.	1.67	76.	0.003	368	0.	1.10	50.	0.002	343	0.	1.02	47.	0.002
2818	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2831	16.96	16.96	296	0.	0.89	40.	0.002	223	0.	0.67	30.	0.001	214	0.	0.64	29.	0.001
2832	16.96	16.96	448	0.	1.34	61.	0.003	343	0.	1.03	47.	0.002	330	0.	0.99	45.	0.002
2833	16.96	16.96	425	0.	1.27	58.	0.002	325	0.	0.97	44.	0.002	312	0.	0.93	42.	0.002

2834	16.96	16.96	257	0.	0.77	35.	0.001	197	0.	0.59	27.	0.001	188	0.	0.56	26.	0.001
2835	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2836	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2837	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2838	16.96	16.96	110	0.	0.33	15.	0.001	75	0.	0.23	10.	0.000	70	0.	0.21	9.	0.000
2839	16.96	16.96	2691	1	8.03	368.	0.015	1784	0.	5.32	244.	0.010	1656	0.	4.94	226.	0.009
2840	16.96	16.96	997	0.	2.98	136.	0.006	658	0.	1.97	89.	0.004	612	0.	1.83	83.	0.003
2841	16.96	16.96	52	0.	0.15	7.	0.000	32	0.	0.10	4.	0.000	30	0.	0.09	4.	0.000
2842	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2858	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2859	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2860	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2861	16.96	16.96	619	0.	1.85	84.	0.003	413	0.	1.23	56.	0.002	383	0.	1.15	52.	0.002
2862	16.96	16.96	1311	0.	3.92	178.	0.007	870	0.	2.60	118.	0.005	808	0.	2.42	110.	0.005
2863	16.96	16.96	2736	0.	8.17	373.	0.016	1808	0.	5.40	247.	0.010	1677	0.	5.01	229.	0.010
2864	16.96	16.96	193	0.	0.58	26.	0.001	126	0.	0.38	17.	0.001	117	0.	0.35	16.	0.001
2865	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2866	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2877	16.96	16.96	44	0.	0.13	6.	0.000	32	0.	0.10	4.	0.000	31	0.	0.09	4.	0.000
2878	16.96	16.96	213	0.	0.64	29.	0.001	163	0.	0.49	22.	0.001	157	0.	0.47	21.	0.001
2879	16.96	16.96	319	0.	0.95	43.	0.002	244	0.	0.73	33.	0.001	234	0.	0.70	32.	0.001
2880	16.96	16.96	236	0.	0.71	32.	0.001	180	0.	0.54	24.	0.001	172	0.	0.52	23.	0.001
2881	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2882	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2883	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2884	16.96	16.96	286	0.	0.86	39.	0.002	192	0.	0.57	26.	0.001	178	0.	0.53	24.	0.001
2885	16.96	16.96	2088	0.	6.24	285.	0.012	1378	0.	4.12	188.	0.008	1282	0.	3.83	175.	0.007
2886	16.96	16.96	1176	0.	3.52	160.	0.007	778	0.	2.33	106.	0.004	721	0.	2.16	98.	0.004
2887	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2888	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2889	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2905	16.96	16.96	13	0.	0.04	2.	0.000	6	0.	0.02	1.	0.000	5	0.	0.01	1.	0.000
2906	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2907	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2908	16.96	16.96	698	0.	2.09	95.	0.004	463	0.	1.39	63.	0.003	431	0.	1.29	59.	0.002
2909	16.96	16.96	1106	0.	3.31	151.	0.006	732	0.	2.19	100.	0.004	681	0.	2.04	93.	0.004
2910	16.96	16.96	2104	0.	6.29	287.	0.012	1387	0.	4.14	189.	0.008	1290	0.	3.85	176.	0.007
2911	16.96	16.96	336	0.	1.00	46.	0.002	222	0.	0.66	30.	0.001	205	0.	0.61	28.	0.001
2912	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2913	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2914	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2923	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2924	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2925	16.96	16.96	103	0.	0.31	14.	0.001	79	0.	0.23	11.	0.000	76	0.	0.23	10.	0.000
2926	16.96	16.96	139	0.	0.42	19.	0.001	106	0.	0.32	14.	0.001	101	0.	0.30	14.	0.001
2927	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2928	16.96	16.96	62	0.	0.18	8.	0.000	43	0.	0.13	6.	0.000	40	0.	0.12	5.	0.000
2929	16.96	16.96	328	0.	0.98	45.	0.002	218	0.	0.65	30.	0.001	203	0.	0.61	28.	0.001
2930	16.96	16.96	1225	0.	3.66	167.	0.007	806	0.	2.41	110.	0.005	751	0.	2.24	102.	0.004
2931	16.96	16.96	1329	0.	3.97	181.	0.008	879	0.	2.63	120.	0.005	817	0.	2.44	111.	0.005
2932	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2933	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2934	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2935	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2936	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2950	16.96	16.96	82	0.	0.25	11.	0.000	58	0.	0.17	8.	0.000	54	0.	0.16	7.	0.000
2951	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2952	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2953	16.96	16.96	600	0.	1.79	82.	0.003	397	0.	1.19	54.	0.002	370	0.	1.11	50.	0.002
2954	16.96	16.96	769	0.	2.30	105.	0.004	508	0.	1.52	69.	0.003	472	0.	1.41	64.	0.003
2955	16.96	16.96	1224	0.	3.66	166.	0.007	806	0.	2.41	110.	0.005	750	0.	2.24	102.	0.004
2956	16.96	16.96	632	0.	1.89	86.	0.004	419	0.	1.25	57.	0.002	388	0.	1.16	53.	0.002
2957	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2958	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2959	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2960	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2961	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2962	16.96	16.96	194	0.	0.58	26.	0.001	115	0.	0.34	16.	0.001	104	0.	0.31	14.	0.001
2963	16.96	16.96	607	0.	1.82	83.	0.003	360	0.	1.08	49.	0.002	326	0.	0.97	44.	0.002
2968	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2969	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2970	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2971	16.96	16.96	25	0.	0.08	3.	0.000	19	0.	0.06	3.	0.000	19	0.	0.06	3.	0.000
2972	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2973	16.96	16.96	32	0.	0.09	4.	0.000	24	0.	0.07	3.	0.000	22	0.	0.07	3.	0.000
2974	16.96	16.96	90	0.	0.27	12.	0.001	61	0.	0.18	8.	0.000	57	0.	0.17	8.	0.000
2975	16.96	16.96	280	0.	0.84	38.	0.002	186	0.	0.56	25.	0.001	173	0.	0.52	24.	0.001
2976	16.96	16.96	472	0.	1.41	64.	0.003	310	0.	0.93	42.	0.002	289	0.	0.86	39.	0.002
2977	16.96	16.96	1117	0.	3.34	152.	0.006	737	0.	2.20	100.	0.004	685	0.	2.05	93.	0.004
2978	16.96	16.96	120	0.	0.36	16.	0.001	79	0.	0.24	11.	0.000	73	0.	0.22	10.	0.000
2979	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2980	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2981	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2982	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2983	16.96	16.96	1116	0.	3.34	152.	0.006	664	0.	1.99	90.	0.004	601	0.	1.80	82.	0.003
2984	16.96	16.96	1506	0.	4.50	205.	0.009	904	0.	2.70	123.	0.005	817	0.	2.44	111.	0.005
2985	16.96	16.96	1505	0.	4.50	205.	0.009	903	0.	2.70	123.	0.005	816	0.	2.44	111.	0.005
2996	16.96	16.96	91	0.	0.27	12.	0.001	65	0.	0.19	9.	0.000	61	0.	0.18	8.	0.000
2997	16.96	16.96	26	0.	0.08	3.	0.000	18	0.	0.05	2.	0.000	17	0.	0.05	2.	0.000
2998	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2999	16.96	16.96	410	0.	1.23	56.	0.002	271	0.	0.81	37.	0.002	252	0.	0.75	34.	0.001
3000	16.96	16.96	297	0.	0.89	40.	0.002	196	0.	0.58	27.	0.001	182	0.	0.54	25.	0.001
3001	16.96	16.96	470	0.	1.41	64.	0.003	309	0.	0.92	42.	0.002	288	0.	0.86	39.	0.002
3002	16.96	16.96	710	0.	2.12	97.	0.004	469	0.	1.40	64.	0.003	435	0.	1.30	59.	0.002
3003	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3004	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3005	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3006	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3007	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3008	16.96	16.96	42	0.	0.13	6.	0.000	25	0.	0.07	3.	0.000	23	0.	0.07	3.	0.000
3009	16.96	16.96	463	0.	1.39	63.	0.003	274	0.	0.82	37.	0.002	248	0.	0.74	34.	0.001
3010	16.96	16.96	1076	0.	3.22	146.	0.006	639	0.	1.91	87.	0.004	578	0.	1.73	79.	0.003

3011	16.96	16.96	1105	0.	3.30	150.	0.006	659	0.	1.97	90.	0.004	596	0.	1.78	81.	0.003
3015	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3016	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3017	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3018	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3019	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3020	16.96	16.96	73	0.	0.22	10.	0.000	49	0.	0.15	7.	0.000	46	0.	0.14	6.	0.000
3021	16.96	16.96	163	0.	0.49	22.	0.001	109	0.	0.33	15.	0.001	102	0.	0.30	14.	0.001
3022	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3023	16.96	16.96	774	0.	2.31	105.	0.004	510	0.	1.52	69.	0.003	474	0.	1.42	65.	0.003
3024	16.96	16.96	297	0.	0.89	40.	0.002	196	0.	0.58	27.	0.001	181	0.	0.54	25.	0.001
3025	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3026	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3027	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3028	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3029	16.96	16.96	1956	0.	5.85	266.	0.011	1171	0.	3.50	159.	0.007	1059	0.	3.17	144.	0.006
3030	16.96	16.96	1945	0.	5.82	265.	0.011	1166	0.	3.49	159.	0.007	1055	0.	3.15	143.	0.006
3031	16.96	16.96	595	0.	1.78	81.	0.003	353	0.	1.06	48.	0.002	320	0.	0.96	43.	0.002
3041	16.96	16.96	49	0.	0.15	7.	0.000	35	0.	0.11	5.	0.000	34	0.	0.10	5.	0.000
3042	16.96	16.96	32	0.	0.10	4.	0.000	23	0.	0.07	3.	0.000	22	0.	0.06	3.	0.000
3043	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3044	16.96	16.96	139	0.	0.42	19.	0.001	92	0.	0.28	13.	0.001	86	0.	0.26	12.	0.000
3045	16.96	16.96	61	0.	0.18	8.	0.000	40	0.	0.12	5.	0.000	37	0.	0.11	5.	0.000
3046	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3047	16.96	16.96	608	0.	1.82	83.	0.003	401	0.	1.20	55.	0.002	372	0.	1.11	51.	0.002
3048	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3049	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3050	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3051	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3052	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3053	16.96	16.96	156	0.	0.47	21.	0.001	91	0.	0.27	12.	0.001	82	0.	0.25	11.	0.000
3054	16.96	16.96	823	0.	2.46	112.	0.005	485	0.	1.45	66.	0.003	439	0.	1.31	60.	0.002
3055	16.96	16.96	2153	0.	6.43	294.	0.012	1276	0.	3.81	174.	0.007	1155	0.	3.45	158.	0.007
3056	16.96	16.96	1063	0.	3.18	145.	0.006	632	0.	1.89	86.	0.004	572	0.	1.71	78.	0.003
3057	16.96	16.96	183	0.	0.55	25.	0.001	108	0.	0.32	15.	0.001	98	0.	0.29	13.	0.001
3060	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3061	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3062	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3063	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3064	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3065	16.96	16.96	39	0.	0.12	5.	0.000	27	0.	0.08	4.	0.000	25	0.	0.08	3.	0.000
3066	16.96	16.96	48	0.	0.14	7.	0.000	33	0.	0.10	4.	0.000	30	0.	0.09	4.	0.000
3067	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3068	16.96	16.96	299	0.	0.89	41.	0.002	196	0.	0.59	27.	0.001	183	0.	0.55	25.	0.001
3069	16.96	16.96	337	0.	1.01	46.	0.002	221	0.	0.66	30.	0.001	205	0.	0.61	28.	0.001
3070	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3071	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3072	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3073	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3074	16.96	16.96	2126	1	6.35	291.	0.012	1264	0.	3.77	173.	0.007	1144	0.	3.42	157.	0.007
3075	16.96	16.96	452	0.	1.35	61.	0.003	268	0.	0.80	36.	0.002	243	0.	0.73	33.	0.001
3076	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3085	16.96	16.96	24	0.	0.07	3.	0.000	17	0.	0.05	2.	0.000	16	0.	0.05	2.	0.000
3086	16.96	16.96	23	0.	0.07	3.	0.000	16	0.	0.05	2.	0.000	15	0.	0.05	2.	0.000
3087	16.96	16.96	8	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000	5	0.	0.02	1.	0.000
3088	16.96	16.96	18	0.	0.05	2.	0.000	13	0.	0.04	2.	0.000	12	0.	0.04	2.	0.000
3089	16.96	16.96	25	0.	0.08	3.	0.000	17	0.	0.05	2.	0.000	16	0.	0.05	2.	0.000
3090	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3091	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3092	16.96	16.96	415	0.	1.24	56.	0.002	272	0.	0.81	37.	0.002	253	0.	0.76	34.	0.001
3093	16.96	16.96	71	0.	0.21	10.	0.000	45	0.	0.14	6.	0.000	41	0.	0.12	6.	0.000
3094	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3095	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3096	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3097	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3098	16.96	16.96	286	0.	0.86	39.	0.002	172	0.	0.52	23.	0.001	155	0.	0.46	21.	0.001
3099	16.96	16.96	981	0.	2.93	133.	0.006	584	0.	1.75	79.	0.003	527	0.	1.58	72.	0.003
3100	16.96	16.96	2253	0.	6.73	308.	0.013	1334	0.	3.98	182.	0.008	1205	0.	3.60	165.	0.007
3101	16.96	16.96	807	0.	2.41	110.	0.005	478	0.	1.43	65.	0.003	433	0.	1.29	59.	0.002
3102	16.96	16.96	33	0.	0.10	5.	0.000	19	0.	0.06	3.	0.000	18	0.	0.05	2.	0.000
3103	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3105	16.96	16.96	8	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000
3106	16.96	16.96	5	0.	0.01	1.	0.000	3	0.	0.01	0.	0.000	3	0.	0.01	0.	0.000
3107	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3108	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3109	16.96	16.96	1	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000
3110	16.96	16.96	3	0.	0.01	0.	0.000	2	0.	0.01	0.	0.000	2	0.	0.01	0.	0.000
3111	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3112	16.96	16.96	63	0.	0.19	9.	0.000	41	0.	0.12	6.	0.000	38	0.	0.11	5.	0.000
3113	16.96	16.96	287	0.	0.86	39.	0.002	188	0.	0.56	26.	0.001	175	0.	0.52	24.	0.001
3114	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3115	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3116	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3117	16.96	16.96	109	0.	0.33	15.	0.001	68	0.	0.20	9.	0.000	62	0.	0.18	8.	0.000
3118	16.96	16.96	2225	1	6.64	304.	0.013	1321	0.	3.94	181.	0.008	1194	0.	3.56	163.	0.007
3119	16.96	16.96	146	0.	0.44	20.	0.001	85	0.	0.25	12.	0.000	78	0.	0.23	11.	0.000
3120	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3121	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3129	16.96	16.96	23	0.	0.07	3.	0.000	17	0.	0.05	2.	0.000	17	0.	0.05	2.	0.000
3130	16.96	16.96	15	0.	0.05	2.	0.000	11	0.	0.03	2.	0.000	11	0.	0.03	1.	0.000
3131	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3132	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3133	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3134	16.96	16.96	143	0.	0.43	19.	0.001	93	0.	0.28	13.	0.001	87	0.	0.26	12.	0.000
3135	16.96	16.96	96	0.	0.29	13.	0.001	62	0.	0.19	8.	0.000	58	0.	0.17	8.	0.000
3136	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3137	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3138	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3139	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3140	16.96	16.96	534	0.	1.60	73.	0.003	319	0.	0.96	43.	0.002	289	0.	0.86	39.	0.002
3141	16.96	16.96	1107	0.	3.31	151.	0.006	657	0.	1.96	89.	0.004	594	0.	1.78	81.	0.003
3142	16.96	16.96	1721	0.	5.14	235.	0.010	1012	0.	3.02	138.	0.006	915	0.	2.73	125.	0.005

3143	16.96	16.96	965	0.	2.89	131.	0.005	576	0.	1.72	78.	0.003	520	0.	1.56	71.	0.003
3144	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3145	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3147	16.96	16.96	28	0.	0.08	4.	0.000	23	0.	0.07	3.	0.000	21	0.	0.06	3.	0.000
3148	16.96	16.96	15	0.	0.04	2.	0.000	12	0.	0.04	2.	0.000	11	0.	0.03	1.	0.000
3149	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3150	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3151	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3152	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3153	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3154	16.96	16.96	169	0.	0.51	23.	0.001	110	0.	0.33	15.	0.001	103	0.	0.31	14.	0.001
3155	16.96	16.96	51	0.	0.15	7.	0.000	31	0.	0.09	4.	0.000	28	0.	0.08	4.	0.000
3156	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3157	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3158	16.96	16.96	254	0.	0.76	35.	0.001	152	0.	0.46	21.	0.001	138	0.	0.41	19.	0.001
3159	16.96	16.96	1709	0.	5.11	233.	0.010	1006	0.	3.00	137.	0.006	910	0.	2.72	124.	0.005
3160	16.96	16.96	276	0.	0.82	38.	0.002	167	0.	0.50	23.	0.001	150	0.	0.45	20.	0.001
3161	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3162	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3170	16.96	16.96	32	0.	0.10	4.	0.000	25	0.	0.08	3.	0.000	23	0.	0.07	3.	0.000
3171	16.96	16.96	2	0.	0.01	0.	0.000	1	0.	0.00	0.	0.000	2	0.	0.00	0.	0.000
3172	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3173	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3174	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3175	16.96	16.96	28	0.	0.08	4.	0.000	18	0.	0.05	2.	0.000	17	0.	0.05	2.	0.000
3176	16.96	16.96	77	0.	0.23	10.	0.000	50	0.	0.15	7.	0.000	46	0.	0.14	6.	0.000
3177	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3178	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3179	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3180	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3181	16.96	16.96	592	0.	1.77	80.	0.003	351	0.	1.05	48.	0.002	318	0.	0.95	43.	0.002
3182	16.96	16.96	920	0.	2.75	125.	0.005	543	0.	1.62	74.	0.003	491	0.	1.47	67.	0.003
3183	16.96	16.96	993	0.	2.97	135.	0.006	581	0.	1.74	79.	0.003	526	0.	1.57	72.	0.003
3184	16.96	16.96	1093	0.	3.27	149.	0.006	650	0.	1.94	88.	0.004	588	0.	1.76	80.	0.003
3185	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3186	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3187	16.96	16.96	46	0.	0.14	6.	0.000	38	0.	0.11	5.	0.000	34	0.	0.10	5.	0.000
3188	16.96	16.96	41	0.	0.12	6.	0.000	33	0.	0.10	4.	0.000	30	0.	0.09	4.	0.000
3189	16.96	16.96	1	0.	0.00	0.	0.000	2	0.	0.01	0.	0.000	1	0.	0.00	0.	0.000
3190	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3191	16.96	16.96	7	0.	0.02	1.	0.000	5	0.	0.01	1.	0.000	4	0.	0.01	1.	0.000
3192	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3193	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3194	16.96	16.96	52	0.	0.16	7.	0.000	34	0.	0.10	5.	0.000	32	0.	0.09	4.	0.000
3195	16.96	16.96	89	0.	0.27	12.	0.001	56	0.	0.17	8.	0.000	52	0.	0.15	7.	0.000
3196	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3197	16.96	16.96	69	0.	0.21	9.	0.000	43	0.	0.13	6.	0.000	39	0.	0.12	5.	0.000
3198	16.96	16.96	284	0.	0.85	39.	0.002	170	0.	0.51	23.	0.001	154	0.	0.46	21.	0.001
3199	16.96	16.96	992	0.	2.97	135.	0.006	580	0.	1.74	79.	0.003	525	0.	1.57	71.	0.003
3200	16.96	16.96	523	0.	1.56	71.	0.003	313	0.	0.94	43.	0.002	283	0.	0.85	39.	0.002
3201	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3202	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3210	16.96	16.96	1	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3211	16.96	16.96	28	0.	0.08	4.	0.000	20	0.	0.06	3.	0.000	18	0.	0.05	2.	0.000
3212	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3213	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3214	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3215	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3216	16.96	16.96	44	0.	0.13	6.	0.000	28	0.	0.08	4.	0.000	26	0.	0.08	4.	0.000
3217	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3218	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3219	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3220	16.96	16.96	60	0.	0.18	8.	0.000	40	0.	0.12	5.	0.000	37	0.	0.11	5.	0.000
3221	16.96	16.96	504	0.	1.51	69.	0.003	298	0.	0.89	41.	0.002	270	0.	0.81	37.	0.002
3222	16.96	16.96	634	0.	1.90	86.	0.004	373	0.	1.12	51.	0.002	338	0.	1.01	46.	0.002
3223	16.96	16.96	379	0.	1.13	51.	0.002	221	0.	0.66	30.	0.001	200	0.	0.60	27.	0.001
3224	16.96	16.96	911	0.	2.72	124.	0.005	538	0.	1.61	73.	0.003	487	0.	1.46	66.	0.003
3225	16.96	16.96	101	0.	0.30	14.	0.001	63	0.	0.19	9.	0.000	57	0.	0.17	8.	0.000
3226	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3227	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3228	16.96	16.96	46	0.	0.14	6.	0.000	38	0.	0.11	5.	0.000	34	0.	0.10	5.	0.000
3229	16.96	16.96	47	0.	0.14	6.	0.000	39	0.	0.12	5.	0.000	34	0.	0.10	5.	0.000
3230	16.96	16.96	12	0.	0.04	2.	0.000	11	0.	0.03	2.	0.000	9	0.	0.03	1.	0.000
3231	16.96	16.96	0.	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3232	16.96	16.96	3	0.	0.01	0.	0.000	2	0.	0.01	0.	0.000	2	0.	0.01	0.	0.000
3233	16.96	16.96	64	0.	0.19	9.	0.000	46	0.	0.14	6.	0.000	42	0.	0.13	6.	0.000
3234	16.96	16.96	16	0.	0.05	2.	0.000	12	0.	0.04	2.	0.000	11	0.	0.03	2.	0.000
3235	16.96	16.96	39	0.	0.12	5.	0.000	29	0.	0.09	4.	0.000	26	0.	0.08	4.	0.000
3236	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3237	16.96	16.96	6	0.	0.02	1.	0.000	4	0.	0.01	1.	0.000	3	0.	0.01	0.	0.000
3238	16.96	16.96	74	0.	0.22	10.	0.000	47	0.	0.14	6.	0.000	43	0.	0.13	6.	0.000
3239	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3240	16.96	16.96	88	0.	0.26	12.	0.000	54	0.	0.16	7.	0.000	49	0.	0.15	7.	0.000
3241	16.96	16.96	241	0.	0.72	33.	0.001	143	0.	0.43	19.	0.001	130	0.	0.39	18.	0.001
3242	16.96	16.96	378	0.	1.13	51.	0.002	220	0.	0.66	30.	0.001	199	0.	0.59	27.	0.001
3243	16.96	16.96	581	0.	1.74	79.	0.003	345	0.	1.03	47.	0.002	312	0.	0.93	42.	0.002
3244	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3245	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3246	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3253	16.96	16.96	12	0.	0.04	2.	0.000	9	0.	0.03	1.	0.000	8	0.	0.03	1.	0.000
3254	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3255	16.96	16.96	26	0.	0.08	4.	0.000	19	0.	0.06	3.	0.000	18	0.	0.05	2.	0.000
3256	16.96	16.96	37	0.	0.11	5.	0.000	27	0.	0.08	4.	0.000	25	0.	0.07	3.	0.000
3257	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3258	16.96	16.96	17	0.	0.05	2.	0.000	11	0.	0.03	2.	0.000	10	0.	0.03	1.	0.000
3259	16.96	16.96	24	0.	0.07	3.	0.000	15	0.	0.05	2.	0.000	14	0.	0.04	2.	0.000
3260	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3261	16.96	16.96	3	0.	0.01	0.	0.000	3	0.	0.01	0.	0.000	3	0.	0.01	0.	0.000
3262	16.96	16.96	91	0.	0.27	12.	0.001	58	0.	0.17	8.	0.000	54	0.	0.16	7.	0.000
3263	16.96	16.96	341	0.	1.02	46.	0.002	200	0.	0.60	27.	0.001	181	0.	0.54	25.	0.001
3264	16.96	16.96	244	0.	0.73	33.	0.001	143	0.	0.43	19.	0.001	129	0.	0.39	18.	0.001
3265	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000

3266	16.96	16.96	628	0.	1.88	85.	0.004	370	0.	1.10	50.	0.002	334	0.	1.00	45.	0.002
3267	16.96	16.96	242	0.	0.72	33.	0.001	145	0.	0.43	20.	0.001	132	0.	0.39	18.	0.001
3268	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3269	16.96	16.96	4	0.	0.01	1.	0.000	4	0.	0.01	1.	0.000	3	0.	0.01	0.	0.000
3270	16.96	16.96	13	0.	0.04	2.	0.000	13	0.	0.04	2.	0.000	10	0.	0.03	1.	0.000
3271	16.96	16.96	16	0.	0.05	2.	0.000	15	0.	0.05	2.	0.000	11	0.	0.03	2.	0.000
3272	16.96	16.96	24	0.	0.07	3.	0.000	21	0.	0.06	3.	0.000	17	0.	0.05	2.	0.000
3273	16.96	16.96	1	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3274	16.96	16.96	65	0.	0.19	9.	0.000	46	0.	0.14	6.	0.000	42	0.	0.13	6.	0.000
3275	16.96	16.96	16	0.	0.05	2.	0.000	12	0.	0.03	2.	0.000	11	0.	0.03	1.	0.000
3276	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3277	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3278	16.96	16.96	34	0.	0.10	5.	0.000	22	0.	0.07	3.	0.000	20	0.	0.06	3.	0.000
3279	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3280	16.96	16.96	69	0.	0.21	9.	0.000	42	0.	0.13	6.	0.000	38	0.	0.11	5.	0.000
3281	16.96	16.96	144	0.	0.43	20.	0.001	86	0.	0.26	12.	0.000	78	0.	0.23	11.	0.000
3282	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3283	16.96	16.96	494	0.	1.48	67.	0.003	292	0.	0.87	40.	0.002	264	0.	0.79	36.	0.001
3284	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3285	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3286	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3292	16.96	16.96	44	0.	0.13	6.	0.000	33	0.	0.10	4.	0.000	31	0.	0.09	4.	0.000
3293	16.96	16.96	16	0.	0.05	2.	0.000	11	0.	0.03	1.	0.000	11	0.	0.03	1.	0.000
3294	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3295	16.96	16.96	26	0.	0.08	4.	0.000	20	0.	0.06	3.	0.000	18	0.	0.05	2.	0.000
3296	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3297	16.96	16.96	17	0.	0.05	2.	0.000	12	0.	0.04	2.	0.000	11	0.	0.03	2.	0.000
3298	16.96	16.96	25	0.	0.07	3.	0.000	16	0.	0.05	2.	0.000	14	0.	0.04	2.	0.000
3299	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3300	16.96	16.96	25	0.	0.07	3.	0.000	16	0.	0.05	2.	0.000	15	0.	0.04	2.	0.000
3301	16.96	16.96	69	0.	0.21	9.	0.000	42	0.	0.13	6.	0.000	39	0.	0.12	5.	0.000
3302	16.96	16.96	118	0.	0.35	16.	0.001	70	0.	0.21	10.	0.000	64	0.	0.19	9.	0.000
3303	16.96	16.96	51	0.	0.15	7.	0.000	30	0.	0.09	4.	0.000	27	0.	0.08	4.	0.000
3304	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3305	16.96	16.96	239	0.	0.72	33.	0.001	140	0.	0.42	19.	0.001	127	0.	0.38	17.	0.001
3306	16.96	16.96	272	0.	0.81	37.	0.002	162	0.	0.48	22.	0.001	147	0.	0.44	20.	0.001
3307	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3308	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3309	16.96	16.96	3	0.	0.01	0.	0.000	5	0.	0.02	1.	0.000	2	0.	0.01	0.	0.000
3310	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3311	16.96	16.96	45	0.	0.13	6.	0.000	34	0.	0.10	5.	0.000	31	0.	0.09	4.	0.000
3312	16.96	16.96	20	0.	0.06	3.	0.000	14	0.	0.04	2.	0.000	13	0.	0.04	2.	0.000
3313	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3314	16.96	16.96	25	0.	0.07	3.	0.000	17	0.	0.05	2.	0.000	15	0.	0.05	2.	0.000
3315	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3316	16.96	16.96	42	0.	0.13	6.	0.000	27	0.	0.08	4.	0.000	25	0.	0.07	3.	0.000
3317	16.96	16.96	46	0.	0.14	6.	0.000	28	0.	0.08	4.	0.000	26	0.	0.08	4.	0.000
3318	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3319	16.96	16.96	331	0.	0.99	45.	0.002	194	0.	0.58	26.	0.001	176	0.	0.53	24.	0.001
3320	16.96	16.96	54	0.	0.16	7.	0.000	33	0.	0.10	5.	0.000	30	0.	0.09	4.	0.000
3321	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3322	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3327	16.96	16.96	83	0.	0.25	11.	0.000	63	0.	0.19	9.	0.000	58	0.	0.17	8.	0.000
3328	16.96	16.96	19	0.	0.06	3.	0.000	13	0.	0.04	2.	0.000	13	0.	0.04	2.	0.000
3329	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3330	16.96	16.96	43	0.	0.13	6.	0.000	33	0.	0.10	4.	0.000	30	0.	0.09	4.	0.000
3331	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3332	16.96	16.96	36	0.	0.11	5.	0.000	24	0.	0.07	3.	0.000	22	0.	0.07	3.	0.000
3333	16.96	16.96	31	0.	0.09	4.	0.000	21	0.	0.06	3.	0.000	20	0.	0.06	3.	0.000
3334	16.96	16.96	31	0.	0.09	4.	0.000	22	0.	0.07	3.	0.000	20	0.	0.06	3.	0.000
3335	16.96	16.96	17	0.	0.05	2.	0.000	11	0.	0.03	2.	0.000	10	0.	0.03	1.	0.000
3336	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3337	16.96	16.96	25	0.	0.07	3.	0.000	16	0.	0.05	2.	0.000	15	0.	0.04	2.	0.000
3338	16.96	16.96	36	0.	0.11	5.	0.000	24	0.	0.07	3.	0.000	22	0.	0.07	3.	0.000
3339	16.96	16.96	24	0.	0.07	3.	0.000	14	0.	0.04	2.	0.000	13	0.	0.04	2.	0.000
3340	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3341	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3342	16.96	16.96	48	0.	0.14	7.	0.000	28	0.	0.08	4.	0.000	26	0.	0.08	3.	0.000
3343	16.96	16.96	230	0.	0.69	31.	0.001	137	0.	0.41	19.	0.001	124	0.	0.37	17.	0.001
3344	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3345	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3346	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3347	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3348	16.96	16.96	155	0.	0.46	21.	0.001	129	0.	0.39	18.	0.001	112	0.	0.33	15.	0.001
3349	16.96	16.96	91	0.	0.27	12.	0.001	71	0.	0.21	10.	0.000	66	0.	0.20	9.	0.000
3350	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3351	16.96	16.96	46	0.	0.14	6.	0.000	35	0.	0.10	5.	0.000	32	0.	0.10	4.	0.000
3352	16.96	16.96	22	0.	0.06	3.	0.000	17	0.	0.05	2.	0.000	15	0.	0.05	2.	0.000
3353	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3354	16.96	16.96	31	0.	0.09	4.	0.000	21	0.	0.06	3.	0.000	19	0.	0.06	3.	0.000
3355	16.96	16.96	1	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000
3356	16.96	16.96	18	0.	0.06	3.	0.000	13	0.	0.04	2.	0.000	12	0.	0.04	2.	0.000
3357	16.96	16.96	7	0.	0.02	1.	0.000	5	0.	0.02	1.	0.000	5	0.	0.01	1.	0.000
3358	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3359	16.96	16.96	112	0.	0.34	15.	0.001	66	0.	0.20	9.	0.000	60	0.	0.18	8.	0.000
3360	16.96	16.96	76	0.	0.23	10.	0.000	46	0.	0.14	6.	0.000	42	0.	0.12	6.	0.000
3361	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3362	16.96	16.96	24	0.	0.07	3.	0.000	17	0.	0.05	2.	0.000	16	0.	0.05	2.	0.000
3366	16.96	16.96	158	0.	0.47	22.	0.001	120	0.	0.36	16.	0.001	112	0.	0.33	15.	0.001
3367	16.96	16.96	4	0.	0.01	1.	0.000	2	0.	0.00	0.	0.000	3	0.	0.01	0.	0.000
3368	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3369	16.96	16.96	71	0.	0.21	10.	0.000	54	0.	0.16	7.	0.000	50	0.	0.15	7.	0.000
3370	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3371	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3372	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3373	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3374	16.96	16.96	16	0.	0.05	2.	0.000	11	0.	0.03	2.	0.000	11	0.	0.03	1.	0.000
3375	16.96	16.96	5	0.	0.01	1.	0.000	4	0.	0.01	1.	0.000	4	0.	0.01	0.	0.000
3376	16.96	16.96	18	0.	0.05	2.	0.000	12	0.	0.04	2.	0.000	11	0.	0.03	2.	0.000
3377	16.96	16.96	26	0.	0.08	4.	0.000	18	0.	0.05	2.	0.000	17	0.	0.05	2.	0.000
3378	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3379	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000

3380	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3381	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3382	16.96	16.96	132	0.	0.40	18.	0.001	78	0.	0.23	11.	0.000	71	0.	0.21	10.	0.000
3383	16.96	16.96	27	0.	0.08	4.	0.000	18	0.	0.05	2.	0.000	16	0.	0.05	2.	0.000
3384	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3385	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3386	16.96	16.96	243	0.	0.73	33.	0.001	196	0.	0.58	27.	0.001	176	0.	0.53	24.	0.001
3387	16.96	16.96	119	0.	0.36	16.	0.001	90	0.	0.27	12.	0.001	86	0.	0.26	12.	0.000
3388	16.96	16.96	191	0.	0.57	26.	0.001	145	0.	0.44	20.	0.001	136	0.	0.41	18.	0.001
3389	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3390	16.96	16.96	85	0.	0.25	12.	0.000	65	0.	0.19	9.	0.000	59	0.	0.18	8.	0.000
3391	16.96	16.96	60	0.	0.18	8.	0.000	46	0.	0.14	6.	0.000	42	0.	0.13	6.	0.000
3392	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3393	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3394	16.96	16.96	3	0.	0.01	0.	0.000	3	0.	0.01	0.	0.000	2	0.	0.01	0.	0.000
3395	16.96	16.96	19	0.	0.06	3.	0.000	14	0.	0.04	2.	0.000	13	0.	0.04	2.	0.000
3396	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3397	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3398	16.96	16.96	20	0.	0.06	3.	0.000	12	0.	0.04	2.	0.000	11	0.	0.03	1.	0.000
3399	16.96	16.96	59	0.	0.18	8.	0.000	36	0.	0.11	5.	0.000	33	0.	0.10	4.	0.000
3400	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3401	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3402	16.96	16.96	253	0.	0.76	34.	0.001	173	0.	0.52	24.	0.001	162	0.	0.49	22.	0.001
3405	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3406	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3407	16.96	16.96	105	0.	0.31	14.	0.001	80	0.	0.24	11.	0.000	74	0.	0.22	10.	0.000
3408	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3409	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3410	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3411	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3412	16.96	16.96	28	0.	0.08	4.	0.000	19	0.	0.06	3.	0.000	18	0.	0.05	2.	0.000
3413	16.96	16.96	7	0.	0.02	1.	0.000	5	0.	0.01	1.	0.000	5	0.	0.01	1.	0.000
3414	16.96	16.96	14	0.	0.04	2.	0.000	10	0.	0.03	1.	0.000	9	0.	0.03	1.	0.000
3415	16.96	16.96	28	0.	0.08	4.	0.000	19	0.	0.06	3.	0.000	17	0.	0.05	2.	0.000
3416	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3417	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3418	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3419	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3420	16.96	16.96	39	0.	0.12	5.	0.000	23	0.	0.07	3.	0.000	21	0.	0.06	3.	0.000
3421	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3422	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3423	16.96	16.96	610	0.	1.82	83.	0.003	494	0.	1.48	67.	0.003	441	0.	1.32	60.	0.002
3424	16.96	16.96	388	0.	1.16	53.	0.002	311	0.	0.93	42.	0.002	280	0.	0.84	38.	0.002
3425	16.96	16.96	259	0.	0.77	35.	0.001	204	0.	0.61	28.	0.001	188	0.	0.56	26.	0.001
3426	16.96	16.96	169	0.	0.50	23.	0.001	127	0.	0.38	17.	0.001	122	0.	0.37	17.	0.001
3427	16.96	16.96	163	0.	0.49	22.	0.001	122	0.	0.36	17.	0.001	116	0.	0.35	16.	0.001
3428	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3429	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3430	16.96	16.96	68	0.	0.20	9.	0.000	52	0.	0.16	7.	0.000	48	0.	0.14	7.	0.000
3431	16.96	16.96	154	0.	0.46	21.	0.001	115	0.	0.34	16.	0.001	106	0.	0.32	14.	0.001
3432	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3433	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3434	16.96	16.96	37	0.	0.11	5.	0.000	27	0.	0.08	4.	0.000	25	0.	0.07	3.	0.000
3435	16.96	16.96	29	0.	0.09	4.	0.000	20	0.	0.06	3.	0.000	19	0.	0.06	3.	0.000
3436	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3437	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3438	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3439	16.96	16.96	31	0.	0.09	4.	0.000	20	0.	0.06	3.	0.000	18	0.	0.05	2.	0.000
3440	16.96	16.96	35	0.	0.10	5.	0.000	21	0.	0.06	3.	0.000	20	0.	0.06	3.	0.000
3441	16.96	16.96	63	0.	0.19	9.	0.000	42	0.	0.13	6.	0.000	40	0.	0.12	5.	0.000
3442	16.96	16.96	108	0.	0.32	15.	0.001	75	0.	0.23	10.	0.000	71	0.	0.21	10.	0.000
3443	16.96	16.96	611	0.	1.83	83.	0.003	418	0.	1.25	57.	0.002	391	0.	1.17	53.	0.002
3445	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3446	16.96	16.96	61	0.	0.18	8.	0.000	47	0.	0.14	6.	0.000	43	0.	0.13	6.	0.000
3447	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3448	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3449	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3450	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3451	16.96	16.96	15	0.	0.04	2.	0.000	10	0.	0.03	1.	0.000	9	0.	0.03	1.	0.000
3452	16.96	16.96	16	0.	0.05	2.	0.000	11	0.	0.03	2.	0.000	10	0.	0.03	1.	0.000
3453	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3454	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3455	16.96	16.96	34	0.	0.10	5.	0.000	23	0.	0.07	3.	0.000	21	0.	0.06	3.	0.000
3456	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3457	16.96	16.96	2	0.	0.01	0.	0.000	2	0.	0.00	0.	0.000	2	0.	0.00	0.	0.000
3458	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3459	16.96	16.96	47	0.	0.14	6.	0.000	29	0.	0.09	4.	0.000	26	0.	0.08	4.	0.000
3460	16.96	16.96	491	0.	1.47	67.	0.003	393	0.	1.17	53.	0.002	355	0.	1.06	48.	0.002
3461	16.96	16.96	316	0.	0.95	43.	0.002	246	0.	0.74	34.	0.001	229	0.	0.68	31.	0.001
3462	16.96	16.96	250	0.	0.75	34.	0.001	191	0.	0.57	26.	0.001	183	0.	0.55	25.	0.001
3463	16.96	16.96	193	0.	0.58	26.	0.001	143	0.	0.43	19.	0.001	140	0.	0.42	19.	0.001
3464	16.96	16.96	87	0.	0.26	12.	0.000	60	0.	0.18	8.	0.000	62	0.	0.18	8.	0.000
3465	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3466	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3467	16.96	16.96	76	0.	0.23	10.	0.000	59	0.	0.18	8.	0.000	54	0.	0.16	7.	0.000
3468	16.96	16.96	218	0.	0.65	30.	0.001	163	0.	0.49	22.	0.001	151	0.	0.45	21.	0.001
3469	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3470	16.96	16.96	7	0.	0.02	1.	0.000	5	0.	0.01	1.	0.000	4	0.	0.01	1.	0.000
3471	16.96	16.96	28	0.	0.08	4.	0.000	20	0.	0.06	3.	0.000	18	0.	0.05	2.	0.000
3472	16.96	16.96	2	0.	0.01	0.	0.000	1	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000
3473	16.96	16.96	32	0.	0.09	4.	0.000	22	0.	0.06	3.	0.000	20	0.	0.06	3.	0.000
3474	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3475	16.96	16.96	53	0.	0.16	7.	0.000	34	0.	0.10	5.	0.000	31	0.	0.09	4.	0.000
3476	16.96	16.96	102	0.	0.30	14.	0.001	68	0.	0.20	9.	0.000	63	0.	0.19	9.	0.000
3477	16.96	16.96	187	0.	0.56	25.	0.001	127	0.	0.38	17.	0.001	119	0.	0.35	16.	0.001
3478	16.96	16.96	310	0.	0.93	42.	0.002	213	0.	0.64	29.	0.001	199	0.	0.59	27.	0.001
3479	16.96	16.96	306	0.	0.92	41.	0.002	207	0.	0.62	28.	0.001	192	0.	0.58	26.	0.001
3480	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3481	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3482	16.96	16.96	96	0.	0.29	13.	0.001	72	0.	0.22	10.	0.000	67	0.	0.20	9.	0.000
3483	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3484	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000

3485	16.96	16.96	42	0.	0.12	6.	0.000	31	0.	0.09	4.	0.000	29	0.	0.09	4.	0.000
3486	16.96	16.96	18	0.	0.06	3.	0.000	13	0.	0.04	2.	0.000	12	0.	0.04	2.	0.000
3487	16.96	16.96	22	0.	0.06	3.	0.000	14	0.	0.04	2.	0.000	13	0.	0.04	2.	0.000
3488	16.96	16.96	6	0.	0.02	1.	0.000	4	0.	0.01	1.	0.000	4	0.	0.01	1.	0.000
3489	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3490	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3491	16.96	16.96	11	0.	0.03	1.	0.000	7	0.	0.02	1.	0.000	7	0.	0.02	1.	0.000
3492	16.96	16.96	9	0.	0.03	1.	0.000	5	0.	0.02	1.	0.000	5	0.	0.01	1.	0.000
3493	16.96	16.96	61	0.	0.18	8.	0.000	38	0.	0.11	5.	0.000	35	0.	0.10	5.	0.000
3494	16.96	16.96	233	0.	0.70	32.	0.001	173	0.	0.52	24.	0.001	167	0.	0.50	23.	0.001
3495	16.96	16.96	247	0.	0.74	34.	0.001	184	0.	0.55	25.	0.001	179	0.	0.53	24.	0.001
3496	16.96	16.96	257	0.	0.77	35.	0.001	192	0.	0.57	26.	0.001	188	0.	0.56	26.	0.001
3497	16.96	16.96	160	0.	0.48	22.	0.001	117	0.	0.35	16.	0.001	117	0.	0.35	16.	0.001
3498	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3499	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3500	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3501	16.96	16.96	48	0.	0.14	7.	0.000	39	0.	0.12	5.	0.000	36	0.	0.11	5.	0.000
3502	16.96	16.96	225	0.	0.67	31.	0.001	168	0.	0.50	23.	0.001	155	0.	0.46	21.	0.001
3503	16.96	16.96	93	0.	0.28	13.	0.001	70	0.	0.21	10.	0.000	64	0.	0.19	9.	0.000
3504	16.96	16.96	75	0.	0.23	10.	0.000	56	0.	0.17	8.	0.000	51	0.	0.15	7.	0.000
3505	16.96	16.96	43	0.	0.13	6.	0.000	31	0.	0.09	4.	0.000	28	0.	0.08	4.	0.000
3506	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3507	16.96	16.96	15	0.	0.04	2.	0.000	10	0.	0.03	1.	0.000	10	0.	0.03	1.	0.000
3508	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3509	16.96	16.96	43	0.	0.13	6.	0.000	28	0.	0.08	4.	0.000	26	0.	0.08	3.	0.000
3510	16.96	16.96	90	0.	0.27	12.	0.001	60	0.	0.18	8.	0.000	56	0.	0.17	8.	0.000
3511	16.96	16.96	183	0.	0.55	25.	0.001	123	0.	0.37	17.	0.001	115	0.	0.34	16.	0.001
3512	16.96	16.96	320	0.	0.96	43.	0.002	216	0.	0.65	29.	0.001	202	0.	0.60	27.	0.001
3513	16.96	16.96	511	0.	1.53	70.	0.003	347	0.	1.04	47.	0.002	324	0.	0.97	44.	0.002
3514	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3515	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3516	16.96	16.96	454	0.	1.36	62.	0.003	340	0.	1.02	46.	0.002	313	0.	0.94	43.	0.002
3517	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3518	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3519	16.96	16.96	212	0.	0.64	29.	0.001	158	0.	0.47	21.	0.001	145	0.	0.43	20.	0.001
3520	16.96	16.96	60	0.	0.18	8.	0.000	44	0.	0.13	6.	0.000	40	0.	0.12	5.	0.000
3521	16.96	16.96	34	0.	0.10	5.	0.000	24	0.	0.07	3.	0.000	22	0.	0.07	3.	0.000
3522	16.96	16.96	4	0.	0.01	1.	0.000	3	0.	0.01	0.	0.000	2	0.	0.01	0.	0.000
3523	16.96	16.96	23	0.	0.07	3.	0.000	16	0.	0.05	2.	0.000	15	0.	0.04	2.	0.000
3524	16.96	16.96	34	0.	0.10	5.	0.000	24	0.	0.07	3.	0.000	22	0.	0.06	3.	0.000
3525	16.96	16.96	26	0.	0.08	4.	0.000	17	0.	0.05	2.	0.000	16	0.	0.05	2.	0.000
3526	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3527	16.96	16.96	14	0.	0.04	2.	0.000	9	0.	0.03	1.	0.000	8	0.	0.03	1.	0.000
3528	16.96	16.96	19	0.	0.06	3.	0.000	12	0.	0.04	2.	0.000	11	0.	0.03	1.	0.000
3529	16.96	16.96	43	0.	0.13	6.	0.000	27	0.	0.08	4.	0.000	25	0.	0.07	3.	0.000
3530	16.96	16.96	25	0.	0.08	3.	0.000	0.	0.	0.00	0.	0.000	16	0.	0.05	2.	0.000
3531	16.96	16.96	189	0.	0.56	26.	0.001	136	0.	0.41	18.	0.001	137	0.	0.41	19.	0.001
3532	16.96	16.96	227	0.	0.68	31.	0.001	168	0.	0.50	23.	0.001	166	0.	0.49	23.	0.001
3533	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3534	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3535	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3536	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3537	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3538	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3539	16.96	16.96	135	0.	0.40	18.	0.001	100	0.	0.30	14.	0.001	93	0.	0.28	13.	0.001
3540	16.96	16.96	451	0.	1.35	61.	0.003	337	0.	1.01	46.	0.002	310	0.	0.93	42.	0.002
3541	16.96	16.96	249	0.	0.75	34.	0.001	185	0.	0.55	25.	0.001	170	0.	0.51	23.	0.001
3542	16.96	16.96	106	0.	0.32	14.	0.001	76	0.	0.23	10.	0.000	70	0.	0.21	10.	0.000
3543	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3544	16.96	16.96	28	0.	0.08	4.	0.000	20	0.	0.06	3.	0.000	18	0.	0.05	2.	0.000
3545	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3546	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3547	16.96	16.96	21	0.	0.06	3.	0.000	13	0.	0.04	2.	0.000	12	0.	0.04	2.	0.000
3548	16.96	16.96	40	0.	0.12	5.	0.000	26	0.	0.08	4.	0.000	24	0.	0.07	3.	0.000
3549	16.96	16.96	114	0.	0.34	16.	0.001	76	0.	0.23	10.	0.000	70	0.	0.21	10.	0.000
3550	16.96	16.96	251	0.	0.75	34.	0.001	168	0.	0.50	23.	0.001	157	0.	0.47	21.	0.001
3551	16.96	16.96	361	0.	1.08	49.	0.002	242	0.	0.72	33.	0.001	225	0.	0.67	31.	0.001
3552	16.96	16.96	267	0.	0.80	36.	0.002	173	0.	0.52	24.	0.001	160	0.	0.48	22.	0.001
3553	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3554	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3555	16.96	16.96	1023	0.	3.06	139.	0.006	750	0.	2.24	102.	0.004	693	0.	2.07	94.	0.004
3556	16.96	16.96	1138	0.	3.40	155.	0.006	844	0.	2.52	115.	0.005	778	0.	2.33	106.	0.004
3557	16.96	16.96	727	0.	2.17	99.	0.004	546	0.	1.63	74.	0.003	502	0.	1.50	68.	0.003
3558	16.96	16.96	726	0.	2.17	99.	0.004	545	0.	1.63	74.	0.003	502	0.	1.50	68.	0.003
3559	16.96	16.96	623	0.	1.86	85.	0.004	461	0.	1.38	63.	0.003	425	0.	1.27	58.	0.002
3560	16.96	16.96	111	0.	0.33	15.	0.001	81	0.	0.24	11.	0.000	75	0.	0.22	10.	0.000
3561	16.96	16.96	34	0.	0.10	5.	0.000	24	0.	0.07	3.	0.000	22	0.	0.07	3.	0.000
3562	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3563	16.96	16.96	34	0.	0.10	5.	0.000	25	0.	0.07	3.	0.000	23	0.	0.07	3.	0.000
3564	16.96	16.96	45	0.	0.13	6.	0.000	32	0.	0.09	4.	0.000	29	0.	0.09	4.	0.000
3565	16.96	16.96	16	0.	0.05	2.	0.000	11	0.	0.03	1.	0.000	10	0.	0.03	1.	0.000
3566	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3567	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3568	16.96	16.96	27	0.	0.08	4.	0.000	17	0.	0.05	2.	0.000	16	0.	0.05	2.	0.000
3569	16.96	16.96	29	0.	0.09	4.	0.000	18	0.	0.05	2.	0.000	17	0.	0.05	2.	0.000
3570	16.96	16.96	11	0.	0.03	2.	0.000	8	0.	0.02	1.	0.000	7	0.	0.02	1.	0.000
3571	16.96	16.96	16	0.	0.05	2.	0.000	10	0.	0.03	1.	0.000	9	0.	0.03	1.	0.000
3572	16.96	16.96	23	0.	0.07	3.	0.000	14	0.	0.04	2.	0.000	13	0.	0.04	2.	0.000
3573	16.96	16.96	24	0.	0.07	3.	0.000	9	0.	0.03	1.	0.000	17	0.	0.05	2.	0.000
3574	16.96	16.96	60	0.	0.18	8.	0.000	41	0.	0.12	6.	0.000	45	0.	0.13	6.	0.000
3575	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3576	16.96	16.96	97	0.	0.29	13.	0.001	75	0.	0.23	10.	0.000	67	0.	0.20	9.	0.000
3577	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3578	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3579	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3580	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3581	16.96	16.96	1603	0.	4.79	218.	0.009	1182	0.	3.53	161.	0.007	1091	0.	3.26	148.	0.006
3582	16.96	16.96	1136	0.	3.40	154.	0.006	842	0.	2.52	114.	0.005	776	0.	2.32	106.	0.004
3583	16.96	16.96	415	0.	1.24	56.	0.002	306	0.	0.91	42.	0.002	282	0.	0.84	38.	0.002
3584	16.96	16.96	136	0.	0.41	19.	0.001	99	0.	0.30	13.	0.001	91	0.	0.27	12.	0.001
3585	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3586	16.96	16.96	21	0.	0.06	3.	0.000	15	0.	0.04	2.	0.000	13	0.	0.04	2.	0.000

3587	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3588	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3589	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3590	16.96	16.96	12	0.	0.03	2.	0.000	7	0.	0.02	1.	0.000	7	0.	0.02	1.	0.000
3591	16.96	16.96	5	0.	0.01	1.	0.000	3	0.	0.01	0.	0.000	2	0.	0.01	0.	0.000
3592	16.96	16.96	22	0.	0.07	3.	0.000	14	0.	0.04	2.	0.000	13	0.	0.04	2.	0.000
3593	16.96	16.96	81	0.	0.24	11.	0.000	54	0.	0.16	7.	0.000	50	0.	0.15	7.	0.000
3594	16.96	16.96	176	0.	0.53	24.	0.001	116	0.	0.35	16.	0.001	107	0.	0.32	15.	0.001
3595	16.96	16.96	248	0.	0.74	34.	0.001	163	0.	0.49	22.	0.001	152	0.	0.45	21.	0.001
3596	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3597	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3598	16.96	16.96	870	0.	2.60	118.	0.005	629	0.	1.88	86.	0.004	583	0.	1.74	79.	0.003
3599	16.96	16.96	1831	0.	5.48	249.	0.010	1337	0.	4.00	182.	0.008	1236	0.	3.70	168.	0.007
3600	16.96	16.96	1842	0.	5.51	251.	0.010	1373	0.	4.11	187.	0.008	1265	0.	3.78	172.	0.007

ARMATURA SUPERIORE VERTICALE

			COMBINAZIONE RARA					COMBINAZIONE FREQUENTE					COMBINAZIONE QUASI PERMANENTE				
GUSCI	Af	Afc	Mom	Nor	σc	σf	WkR	Mom	Nor	σc	σf	WkF	Mom	Nor	σc	σf	WkP
2651	16.96	16.96	1141	0.	3.41	155.	0.006	851	0.	2.54	116.	0.005	805	0.	2.41	109.	0.005
2652	16.96	16.96	1088	0.	3.26	148.	0.006	814	0.	2.44	111.	0.005	771	0.	2.31	105.	0.004
2653	16.96	16.96	945	0.	2.82	128.	0.005	711	0.	2.13	97.	0.004	675	0.	2.02	92.	0.004
2654	16.96	16.96	703	0.	2.10	96.	0.004	532	0.	1.59	72.	0.003	507	0.	1.52	69.	0.003
2655	16.96	16.96	401	0.	1.20	54.	0.002	306	0.	0.91	42.	0.002	292	0.	0.87	40.	0.002
2656	16.96	16.96	142	0.	0.43	19.	0.001	109	0.	0.33	15.	0.001	104	0.	0.31	14.	0.001
2657	16.96	16.96	12	0.	0.03	2.	0.000	10	0.	0.03	1.	0.000	10	0.	0.03	1.	0.000
2658	16.96	16.96	30	0.	0.09	4.	0.000	19	0.	0.06	3.	0.000	18	0.	0.05	2.	0.000
2659	16.96	16.96	152	0.	0.45	21.	0.001	101	0.	0.30	14.	0.001	93	0.	0.28	13.	0.001
2675	16.96	16.96	454	0.	1.36	62.	0.003	302	0.	0.90	41.	0.002	280	0.	0.84	38.	0.002
2676	16.96	16.96	655	0.	1.96	89.	0.004	436	0.	1.30	59.	0.002	404	0.	1.21	55.	0.002
2698	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2699	16.96	16.96	67	0.	0.20	9.	0.000	44	0.	0.13	6.	0.000	41	0.	0.12	6.	0.000
2700	16.96	16.96	327	0.	0.98	45.	0.002	217	0.	0.65	30.	0.001	202	0.	0.60	27.	0.001
2701	16.96	16.96	767	0.	2.29	104.	0.004	512	0.	1.53	70.	0.003	474	0.	1.42	65.	0.003
2719	16.96	16.96	839	0.	2.51	114.	0.005	557	0.	1.67	76.	0.003	517	0.	1.55	70.	0.003
2720	16.96	16.96	1219	0.	3.64	166.	0.007	811	0.	2.43	110.	0.005	752	0.	2.25	102.	0.004
2721	16.96	16.96	681	0.	2.04	93.	0.004	455	0.	1.36	62.	0.003	422	0.	1.26	57.	0.002
2722	16.96	16.96	380	0.	1.14	52.	0.002	255	0.	0.76	35.	0.001	236	0.	0.71	32.	0.001
2723	16.96	16.96	290	0.	0.87	39.	0.002	196	0.	0.59	27.	0.001	181	0.	0.54	25.	0.001
2742	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2743	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2744	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2745	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2746	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2747	16.96	16.96	8	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000
2748	16.96	16.96	512	0.	1.53	70.	0.003	339	0.	1.02	46.	0.002	316	0.	0.94	43.	0.002
2749	16.96	16.96	1453	0.	4.35	198.	0.008	969	0.	2.90	132.	0.005	898	0.	2.69	122.	0.005
2750	16.96	16.96	649	0.	1.94	88.	0.004	434	0.	1.30	59.	0.002	402	0.	1.20	55.	0.002
2768	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2769	16.96	16.96	1317	0.	3.94	179.	0.007	873	0.	2.61	119.	0.005	811	0.	2.43	110.	0.005
2770	16.96	16.96	2342	0.	7.01	318.	0.013	1559	0.	4.66	212.	0.009	1446	0.	4.33	196.	0.008
2771	16.96	16.96	1321	0.	3.95	180.	0.007	883	0.	2.64	120.	0.005	818	0.	2.45	111.	0.005
2772	16.96	16.96	1190	0.	3.56	162.	0.007	797	0.	2.38	108.	0.005	738	0.	2.21	100.	0.004
2773	16.96	16.96	767	0.	2.29	104.	0.004	511	0.	1.53	70.	0.003	474	0.	1.42	64.	0.003
2787	16.96	16.96	610	0.	1.82	83.	0.003	466	0.	1.39	63.	0.003	451	0.	1.35	61.	0.003
2788	16.96	16.96	634	0.	1.89	86.	0.004	484	0.	1.45	66.	0.003	468	0.	1.40	64.	0.003
2789	16.96	16.96	640	0.	1.91	87.	0.004	489	0.	1.46	67.	0.003	471	0.	1.41	64.	0.003
2790	16.96	16.96	554	0.	1.66	75.	0.003	423	0.	1.27	58.	0.002	407	0.	1.22	55.	0.002
2791	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2792	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2793	16.96	16.96	7	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000
2794	16.96	16.96	557	0.	1.67	76.	0.003	372	0.	1.11	51.	0.002	345	0.	1.03	47.	0.002
2795	16.96	16.96	3133	-1	9.39	423.	0.018	2094	-1	6.28	282.	0.012	1940	-1	5.82	262.	0.011
2796	16.96	16.96	1409	0.	4.21	192.	0.008	940	0.	2.81	128.	0.005	871	0.	2.61	118.	0.005
2797	16.96	16.96	656	0.	1.96	89.	0.004	437	0.	1.31	59.	0.002	405	0.	1.21	55.	0.002
2814	16.96	16.96	1335	0.	3.99	182.	0.008	886	0.	2.65	120.	0.005	823	0.	2.46	112.	0.005
2815	16.96	16.96	2067	1	6.17	283.	0.012	1363	0.	4.07	187.	0.008	1268	0.	3.78	174.	0.007
2816	16.96	16.96	2884	-1	8.65	389.	0.016	1926	-1	5.78	260.	0.011	1784	-1	5.35	241.	0.010
2817	16.96	16.96	1223	0.	3.66	166.	0.007	813	0.	2.43	111.	0.005	754	0.	2.26	103.	0.004
2818	16.96	16.96	455	0.	1.36	62.	0.003	303	0.	0.91	41.	0.002	281	0.	0.84	38.	0.002
2831	16.96	16.96	223	0.	0.67	30.	0.001	171	0.	0.51	23.	0.001	166	0.	0.50	23.	0.001
2832	16.96	16.96	260	0.	0.78	35.	0.001	199	0.	0.59	27.	0.001	193	0.	0.58	26.	0.001
2833	16.96	16.96	312	0.	0.93	42.	0.002	239	0.	0.71	32.	0.001	231	0.	0.69	31.	0.001
2834	16.96	16.96	316	0.	0.95	43.	0.002	242	0.	0.72	33.	0.001	233	0.	0.70	32.	0.001
2835	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2836	16.96	16.96	55	0.	0.16	7.	0.000	36	0.	0.11	5.	0.000	33	0.	0.10	4.	0.000
2837	16.96	16.96	319	0.	0.95	43.	0.002	211	0.	0.63	29.	0.001	197	0.	0.59	27.	0.001
2838	16.96	16.96	778	0.	2.33	106.	0.004	514	0.	1.54	70.	0.003	478	0.	1.43	65.	0.003
2839	16.96	16.96	2368	1	7.05	326.	0.014	1550	1	4.62	213.	0.009	1444	1	4.30	199.	0.008
2840	16.96	16.96	2272	0.	6.80	309.	0.013	1510	0.	4.52	205.	0.009	1400	0.	4.19	190.	0.008
2841	16.96	16.96	844	0.	2.52	115.	0.005	560	0.	1.68	76.	0.003	520	0.	1.55	71.	0.003
2842	16.96	16.96	149	0.	0.44	20.	0.001	99	0.	0.30	13.	0.001	92	0.	0.28	13.	0.001
2858	16.96	16.96	61	0.	0.18	8.	0.000	47	0.	0.14	6.	0.000	45	0.	0.14	6.	0.000
2859	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2860	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2861	16.96	16.96	1069	0.	3.20	145.	0.006	704	0.	2.11	96.	0.004	656	0.	1.96	89.	0.004
2862	16.96	16.96	1165	0.	3.48	159.	0.007	765	0.	2.29	104.	0.004	712	0.	2.13	97.	0.004
2863	16.96	16.96	2158	1	6.43	297.	0.012	1412	1	4.21	195.	0.008	1318	1	3.92	182.	0.008
2864	16.96	16.96	1332	0.	3.98	181.	0.008	881	0.	2.63	120.	0.005	818	0.	2.45	111.	0.005
2865	16.96	16.96	332	0.	0.99	45.	0.002	220	0.	0.66	30.	0.001	204	0.	0.61	28.	0.001
2866	16.96	16.96	13	0.	0.04	2.	0.000	10	0.	0.03	1.	0.000	10	0.	0.03	1.	0.000
2877	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2878	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2879	16.96	16.96	29	0.	0.09	4.	0.000	22	0.	0.07	3.	0.000	22	0.	0.07	3.	0.000
2880	16.96	16.96	100	0.	0.30	14.	0.001	76	0.	0.23	10.	0.000	74	0.	0.22	10.	0.000
2881	16.96	16.96	12	0.	0.04	2.	0.000	6	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000
2882	16.96	16.96	134	0.	0.40	18.	0.001	88	0.	0.26	12.	0.000	82	0.	0.25	11.	0.000
2883	16.96	16.96	410	0.	1.23	56.	0.002	270	0.	0.81	37.	0.002	251	0.	0.75	34.	0.001
2884	16.96	16.96	571	0.	1.71	78.	0.003	376	0.	1.12	51.	0.002	350	0.	1.05	48.	0.002
2885	16.96	16.96	947	0.	2.83	129.	0.005	618	0.	1.85	84.	0.003	577	0.	1.72	78.	0.003
2886	16.96	16.96	2010	1	6.00	275.	0.011	1324	0.	3.95	181.	0.008	1232	0.	3.68	169.	0.007
2887	16.96	16.96	524	0.	1.57	71.	0.003	345	0.	1.03	47.	0.002	321	0.	0.96	44.	0.002
2888	16.96	16.96	66	0.	0.20	9.	0.000	44	0.	0.13	6.	0.000	41	0.	0.12	6.	0.000

2889	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2905	16.96	16.96	80	0.	0.24	11.	0.000	61	0.	0.18	8.	0.000	59	0.	0.18	8.	0.000
2906	16.96	16.96	9	0.	0.03	1.	0.000	8	0.	0.02	1.	0.000	8	0.	0.02	1.	0.000
2907	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2908	16.96	16.96	628	0.	1.88	85.	0.004	413	0.	1.23	56.	0.002	384	0.	1.15	52.	0.002
2909	16.96	16.96	502	0.	1.50	68.	0.003	328	0.	0.98	45.	0.002	306	0.	0.91	42.	0.002
2910	16.96	16.96	834	0.	2.49	113.	0.005	544	0.	1.63	74.	0.003	509	0.	1.52	69.	0.003
2911	16.96	16.96	1350	0.	4.04	184.	0.008	893	0.	2.67	122.	0.005	830	0.	2.48	113.	0.005
2912	16.96	16.96	14	0.	0.04	2.	0.000	8	0.	0.03	1.	0.000	8	0.	0.02	1.	0.000
2913	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2914	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2923	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2924	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2925	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2926	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2927	16.96	16.96	168	0.	0.50	23.	0.001	112	0.	0.34	15.	0.001	105	0.	0.31	14.	0.001
2928	16.96	16.96	263	0.	0.79	36.	0.001	173	0.	0.52	24.	0.001	161	0.	0.48	22.	0.001
2929	16.96	16.96	293	0.	0.88	40.	0.002	193	0.	0.58	26.	0.001	179	0.	0.54	24.	0.001
2930	16.96	16.96	207	0.	0.62	28.	0.001	132	0.	0.40	18.	0.001	124	0.	0.37	17.	0.001
2931	16.96	16.96	1127	0.	3.37	153.	0.006	740	0.	2.21	101.	0.004	690	0.	2.06	94.	0.004
2932	16.96	16.96	571	0.	1.71	78.	0.003	378	0.	1.13	51.	0.002	351	0.	1.05	48.	0.002
2933	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2934	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2935	16.96	16.96	6	0.	0.02	1.	0.000	2	0.	0.01	0.	0.000	2	0.	0.01	0.	0.000
2936	16.96	16.96	123	0.	0.37	17.	0.001	73	0.	0.22	10.	0.000	66	0.	0.20	9.	0.000
2950	16.96	16.96	67	0.	0.20	9.	0.000	48	0.	0.14	7.	0.000	46	0.	0.14	6.	0.000
2951	16.96	16.96	42	0.	0.13	6.	0.000	30	0.	0.09	4.	0.000	28	0.	0.08	4.	0.000
2952	16.96	16.96	1	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2953	16.96	16.96	228	0.	0.68	31.	0.001	149	0.	0.45	20.	0.001	139	0.	0.42	19.	0.001
2954	16.96	16.96	36	0.	0.11	5.	0.000	22	0.	0.07	3.	0.000	21	0.	0.06	3.	0.000
2955	16.96	16.96	128	0.	0.38	17.	0.001	81	0.	0.24	11.	0.000	77	0.	0.23	10.	0.000
2956	16.96	16.96	1073	0.	3.21	146.	0.006	707	0.	2.11	96.	0.004	657	0.	1.97	89.	0.004
2957	16.96	16.96	14	0.	0.04	2.	0.000	8	0.	0.02	1.	0.000	7	0.	0.02	1.	0.000
2958	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2959	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2960	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2961	16.96	16.96	381	0.	1.14	52.	0.002	227	0.	0.68	31.	0.001	205	0.	0.61	28.	0.001
2962	16.96	16.96	555	0.	1.66	75.	0.003	332	0.	0.99	45.	0.002	300	0.	0.90	41.	0.002
2963	16.96	16.96	654	0.	1.96	89.	0.004	393	0.	1.18	54.	0.002	356	0.	1.06	48.	0.002
2968	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2969	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2970	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2971	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2972	16.96	16.96	4	0.	0.01	1.	0.000	3	0.	0.01	0.	0.000	2	0.	0.01	0.	0.000
2973	16.96	16.96	71	0.	0.21	10.	0.000	48	0.	0.14	7.	0.000	45	0.	0.14	6.	0.000
2974	16.96	16.96	80	0.	0.24	11.	0.000	54	0.	0.16	7.	0.000	50	0.	0.15	7.	0.000
2975	16.96	16.96	35	0.	0.10	5.	0.000	23	0.	0.07	3.	0.000	22	0.	0.06	3.	0.000
2976	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2977	16.96	16.96	473	0.	1.41	64.	0.003	309	0.	0.92	42.	0.002	289	0.	0.86	39.	0.002
2978	16.96	16.96	782	0.	2.34	106.	0.004	516	0.	1.54	70.	0.003	480	0.	1.44	65.	0.003
2979	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2980	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2981	16.96	16.96	52	0.	0.16	7.	0.000	31	0.	0.09	4.	0.000	28	0.	0.08	4.	0.000
2982	16.96	16.96	276	0.	0.83	38.	0.002	164	0.	0.49	22.	0.001	149	0.	0.44	20.	0.001
2983	16.96	16.96	561	0.	1.68	76.	0.003	340	0.	1.02	46.	0.002	307	0.	0.92	42.	0.002
2984	16.96	16.96	262	0.	0.78	36.	0.001	162	0.	0.48	22.	0.001	146	0.	0.44	20.	0.001
2985	16.96	16.96	335	0.	1.00	46.	0.002	205	0.	0.61	28.	0.001	185	0.	0.55	25.	0.001
2996	16.96	16.96	48	0.	0.14	7.	0.000	35	0.	0.10	5.	0.000	33	0.	0.10	5.	0.000
2997	16.96	16.96	44	0.	0.13	6.	0.000	31	0.	0.09	4.	0.000	29	0.	0.09	4.	0.000
2998	16.96	16.96	14	0.	0.04	2.	0.000	10	0.	0.03	1.	0.000	10	0.	0.03	1.	0.000
2999	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3000	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3001	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3002	16.96	16.96	628	0.	1.88	85.	0.004	412	0.	1.23	56.	0.002	384	0.	1.15	52.	0.002
3003	16.96	16.96	323	0.	0.97	44.	0.002	213	0.	0.64	29.	0.001	198	0.	0.59	27.	0.001
3004	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3005	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3006	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3007	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3008	16.96	16.96	707	0.	2.11	96.	0.004	421	0.	1.26	57.	0.002	381	0.	1.14	52.	0.002
3009	16.96	16.96	1034	0.	3.09	141.	0.006	619	0.	1.85	84.	0.003	559	0.	1.67	76.	0.003
3010	16.96	16.96	1206	0.	3.61	164.	0.007	726	0.	2.17	99.	0.004	656	0.	1.96	89.	0.004
3011	16.96	16.96	586	0.	1.75	80.	0.003	354	0.	1.06	48.	0.002	320	0.	0.96	44.	0.002
3015	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3016	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3017	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3018	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3019	16.96	16.96	15	0.	0.04	2.	0.000	10	0.	0.03	1.	0.000	10	0.	0.03	1.	0.000
3020	16.96	16.96	16	0.	0.05	2.	0.000	11	0.	0.03	1.	0.000	10	0.	0.03	1.	0.000
3021	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3022	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3023	16.96	16.96	12	0.	0.04	2.	0.000	6	0.	0.02	1.	0.000	7	0.	0.02	1.	0.000
3024	16.96	16.96	572	0.	1.71	78.	0.003	377	0.	1.13	51.	0.002	350	0.	1.05	48.	0.002
3025	16.96	16.96	55	0.	0.16	7.	0.000	36	0.	0.11	5.	0.000	34	0.	0.10	5.	0.000
3026	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3027	16.96	16.96	17	0.	0.05	2.	0.000	12	0.	0.03	2.	0.000	11	0.	0.03	1.	0.000
3028	16.96	16.96	432	0.	1.29	59.	0.002	256	0.	0.76	35.	0.001	231	0.	0.69	31.	0.001
3029	16.96	16.96	1034	0.	3.09	141.	0.006	627	0.	1.87	85.	0.004	566	0.	1.69	77.	0.003
3030	16.96	16.96	1141	0.	3.41	155.	0.006	691	0.	2.07	94.	0.004	625	0.	1.87	85.	0.004
3031	16.96	16.96	654	0.	1.95	89.	0.004	393	0.	1.18	53.	0.002	355	0.	1.06	48.	0.002
3041	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3042	16.96	16.96	10	0.	0.03	1.	0.000	7	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000
3043	16.96	16.96	11	0.	0.03	1.	0.000	8	0.	0.02	1.	0.000	7	0.	0.02	1.	0.000
3044	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3045	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3046	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3047	16.96	16.96	227	0.	0.68	31.	0.001	148	0.	0.44	20.	0.001	138	0.	0.41	19.	0.001
3048	16.96	16.96	410	0.	1.23	56.	0.002	271	0.	0.81	37.	0.002	252	0.	0.75	34.	0.001
3049	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3050	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3051	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3052	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000

3053	16.96	16.96	1104	0.	3.30	150.	0.006	654	0.	1.96	89.	0.004	591	0.	1.77	80.	0.003
3054	16.96	16.96	1918	0.	5.74	260.	0.011	1147	0.	3.43	156.	0.006	1036	0.	3.10	141.	0.006
3055	16.96	16.96	2490	-1	7.47	335.	0.014	1512	-1	4.54	203.	0.008	1367	-1	4.10	184.	0.008
3056	16.96	16.96	1241	0.	3.71	169.	0.007	748	0.	2.24	102.	0.004	676	0.	2.02	92.	0.004
3057	16.96	16.96	555	0.	1.66	75.	0.003	332	0.	0.99	45.	0.002	301	0.	0.90	41.	0.002
3060	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3061	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3062	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3063	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3064	16.96	16.96	3	0.	0.01	0.	0.000	3	0.	0.01	0.	0.000	3	0.	0.01	0.	0.000
3065	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3066	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3067	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3068	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3069	16.96	16.96	293	0.	0.88	40.	0.002	193	0.	0.58	26.	0.001	179	0.	0.54	24.	0.001
3070	16.96	16.96	133	0.	0.40	18.	0.001	88	0.	0.26	12.	0.000	82	0.	0.25	11.	0.000
3071	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3072	16.96	16.96	17	0.	0.05	2.	0.000	11	0.	0.03	2.	0.000	11	0.	0.03	1.	0.000
3073	16.96	16.96	482	0.	1.44	66.	0.003	289	0.	0.86	39.	0.002	261	0.	0.78	36.	0.001
3074	16.96	16.96	2693	-1	8.08	363.	0.015	1628	-1	4.89	219.	0.009	1472	-1	4.42	198.	0.008
3075	16.96	16.96	1032	0.	3.09	140.	0.006	618	0.	1.85	84.	0.003	559	0.	1.67	76.	0.003
3076	16.96	16.96	384	0.	1.15	52.	0.002	230	0.	0.69	31.	0.001	208	0.	0.62	28.	0.001
3085	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3086	16.96	16.96	3	0.	0.01	0.	0.000	2	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000
3087	16.96	16.96	8	0.	0.03	1.	0.000	6	0.	0.02	1.	0.000	5	0.	0.02	1.	0.000
3088	16.96	16.96	7	0.	0.02	1.	0.000	5	0.	0.02	1.	0.000	5	0.	0.02	1.	0.000
3089	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3090	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3091	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3092	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3093	16.96	16.96	263	0.	0.79	36.	0.001	173	0.	0.52	24.	0.001	161	0.	0.48	22.	0.001
3094	16.96	16.96	3	0.	0.01	0.	0.000	3	0.	0.01	0.	0.000	3	0.	0.01	0.	0.000
3095	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3096	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3097	16.96	16.96	41	0.	0.12	6.	0.000	23	0.	0.07	3.	0.000	21	0.	0.06	3.	0.000
3098	16.96	16.96	1123	0.	3.36	153.	0.006	666	0.	1.99	91.	0.004	603	0.	1.80	82.	0.003
3099	16.96	16.96	1640	1	4.89	225.	0.009	962	0.	2.87	132.	0.006	870	0.	2.59	119.	0.005
3100	16.96	16.96	1713	1	5.09	237.	0.010	988	1	2.94	137.	0.006	895	1	2.66	124.	0.005
3101	16.96	16.96	1982	0.	5.93	269.	0.011	1187	0.	3.55	161.	0.007	1073	0.	3.21	146.	0.006
3102	16.96	16.96	707	0.	2.11	96.	0.004	422	0.	1.26	57.	0.002	381	0.	1.14	52.	0.002
3103	16.96	16.96	129	0.	0.39	18.	0.001	77	0.	0.23	10.	0.000	70	0.	0.21	9.	0.000
3105	16.96	16.96	3	0.	0.01	0.	0.000	2	0.	0.01	0.	0.000	2	0.	0.01	0.	0.000
3106	16.96	16.96	4	0.	0.01	1.	0.000	3	0.	0.01	0.	0.000	3	0.	0.01	0.	0.000
3107	16.96	16.96	3	0.	0.01	0.	0.000	2	0.	0.01	0.	0.000	2	0.	0.00	0.	0.000
3108	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3109	16.96	16.96	4	0.	0.01	1.	0.000	4	0.	0.01	1.	0.000	4	0.	0.01	0.	0.000
3110	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3111	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3112	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3113	16.96	16.96	36	0.	0.11	5.	0.000	23	0.	0.07	3.	0.000	21	0.	0.06	3.	0.000
3114	16.96	16.96	168	0.	0.50	23.	0.001	110	0.	0.33	15.	0.001	102	0.	0.30	14.	0.001
3115	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3116	16.96	16.96	267	0.	0.80	36.	0.002	159	0.	0.47	22.	0.001	143	0.	0.43	20.	0.001
3117	16.96	16.96	641	0.	1.92	87.	0.004	378	0.	1.13	51.	0.002	341	0.	1.02	46.	0.002
3118	16.96	16.96	1875	1	5.58	259.	0.011	1083	1	3.22	150.	0.006	981	1	2.92	136.	0.006
3119	16.96	16.96	1098	0.	3.28	149.	0.006	651	0.	1.95	89.	0.004	589	0.	1.76	80.	0.003
3120	16.96	16.96	278	0.	0.83	38.	0.002	165	0.	0.49	22.	0.001	150	0.	0.45	20.	0.001
3121	16.96	16.96	23	0.	0.07	3.	0.000	14	0.	0.04	2.	0.000	12	0.	0.04	2.	0.000
3129	16.96	16.96	8	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000
3130	16.96	16.96	0.	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000
3131	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3132	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3133	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3134	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3135	16.96	16.96	87	0.	0.26	12.	0.000	56	0.	0.17	8.	0.000	52	0.	0.15	7.	0.000
3136	16.96	16.96	27	0.	0.08	4.	0.000	18	0.	0.06	3.	0.000	17	0.	0.05	2.	0.000
3137	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3138	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3139	16.96	16.96	107	0.	0.32	15.	0.001	62	0.	0.19	8.	0.000	56	0.	0.17	8.	0.000
3140	16.96	16.96	874	0.	2.61	119.	0.005	512	0.	1.53	70.	0.003	463	0.	1.39	63.	0.003
3141	16.96	16.96	905	0.	2.71	123.	0.005	526	0.	1.57	72.	0.003	476	0.	1.42	65.	0.003
3142	16.96	16.96	655	0.	1.96	89.	0.004	375	0.	1.12	51.	0.002	340	0.	1.02	46.	0.002
3143	16.96	16.96	1687	1	5.03	232.	0.010	991	0.	2.95	136.	0.006	897	0.	2.67	123.	0.005
3144	16.96	16.96	431	0.	1.29	59.	0.002	255	0.	0.76	35.	0.001	231	0.	0.69	31.	0.001
3145	16.96	16.96	60	0.	0.18	8.	0.000	36	0.	0.11	5.	0.000	32	0.	0.10	4.	0.000
3147	16.96	16.96	79	0.	0.24	11.	0.000	60	0.	0.18	8.	0.000	57	0.	0.17	8.	0.000
3148	16.96	16.96	68	0.	0.20	9.	0.000	52	0.	0.16	7.	0.000	50	0.	0.15	7.	0.000
3149	16.96	16.96	45	0.	0.13	6.	0.000	34	0.	0.10	5.	0.000	33	0.	0.10	4.	0.000
3150	16.96	16.96	29	0.	0.09	4.	0.000	22	0.	0.06	3.	0.000	21	0.	0.06	3.	0.000
3151	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3152	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3153	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3154	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3155	16.96	16.96	78	0.	0.23	11.	0.000	50	0.	0.15	7.	0.000	47	0.	0.14	6.	0.000
3156	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3157	16.96	16.96	333	0.	1.00	45.	0.002	195	0.	0.58	27.	0.001	176	0.	0.53	24.	0.001
3158	16.96	16.96	464	0.	1.39	63.	0.003	272	0.	0.81	37.	0.002	246	0.	0.74	33.	0.001
3159	16.96	16.96	742	0.	2.22	101.	0.004	426	0.	1.27	58.	0.002	385	0.	1.15	52.	0.002
3160	16.96	16.96	1116	0.	3.34	152.	0.006	664	0.	1.98	90.	0.004	600	0.	1.79	82.	0.003
3161	16.96	16.96	9	0.	0.03	1.	0.000	6	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000
3162	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3170	16.96	16.96	39	0.	0.12	5.	0.000	30	0.	0.09	4.	0.000	28	0.	0.08	4.	0.000
3171	16.96	16.96	38	0.	0.11	5.	0.000	29	0.	0.09	4.	0.000	27	0.	0.08	4.	0.000
3172	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3173	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3174	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3175	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3176	16.96	16.96	20	0.	0.06	3.	0.000	12	0.	0.04	2.	0.000	11	0.	0.03	2.	0.000
3177	16.96	16.96	30	0.	0.09	4.	0.000	20	0.	0.06	3.	0.000	18	0.	0.05	2.	0.000
3178	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3179	16.96	16.96	16	0.	0.05	2.	0.000	8	0.	0.02	1.	0.000	7	0.	0.02	1.	0.000
3180	16.96	16.96	142	0.	0.43	19.	0.001	83	0.	0.25	11.	0.000	75	0.	0.23	10.	0.000

3181	16.96	16.96	506	0.	1.51	69.	0.003	295	0.	0.88	40.	0.002	267	0.	0.80	36.	0.002
3182	16.96	16.96	374	0.	1.12	51.	0.002	215	0.	0.64	29.	0.001	195	0.	0.58	27.	0.001
3183	16.96	16.96	90	0.	0.27	12.	0.001	47	0.	0.14	6.	0.000	43	0.	0.13	6.	0.000
3184	16.96	16.96	934	0.	2.79	127.	0.005	543	0.	1.62	74.	0.003	492	0.	1.47	67.	0.003
3185	16.96	16.96	480	0.	1.44	65.	0.003	288	0.	0.86	39.	0.002	261	0.	0.78	35.	0.001
3186	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3187	16.96	16.96	111	0.	0.33	15.	0.001	88	0.	0.26	12.	0.000	81	0.	0.24	11.	0.000
3188	16.96	16.96	91	0.	0.27	12.	0.001	71	0.	0.21	10.	0.000	66	0.	0.20	9.	0.000
3189	16.96	16.96	54	0.	0.16	7.	0.000	41	0.	0.12	6.	0.000	40	0.	0.12	5.	0.000
3190	16.96	16.96	22	0.	0.07	3.	0.000	16	0.	0.05	2.	0.000	16	0.	0.05	2.	0.000
3191	16.96	16.96	46	0.	0.14	6.	0.000	33	0.	0.10	5.	0.000	31	0.	0.09	4.	0.000
3192	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3193	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3194	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3195	16.96	16.96	69	0.	0.20	9.	0.000	44	0.	0.13	6.	0.000	40	0.	0.12	5.	0.000
3196	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3197	16.96	16.96	215	0.	0.64	29.	0.001	126	0.	0.38	17.	0.001	114	0.	0.34	15.	0.001
3198	16.96	16.96	238	0.	0.71	32.	0.001	139	0.	0.42	19.	0.001	126	0.	0.38	17.	0.001
3199	16.96	16.96	150	0.	0.45	20.	0.001	82	0.	0.25	11.	0.000	74	0.	0.22	10.	0.000
3200	16.96	16.96	871	0.	2.61	119.	0.005	511	0.	1.53	70.	0.003	463	0.	1.38	63.	0.003
3201	16.96	16.96	9	0.	0.03	1.	0.000	6	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000
3202	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3210	16.96	16.96	39	0.	0.12	5.	0.000	29	0.	0.09	4.	0.000	27	0.	0.08	4.	0.000
3211	16.96	16.96	59	0.	0.18	8.	0.000	41	0.	0.12	6.	0.000	38	0.	0.11	5.	0.000
3212	16.96	16.96	13	0.	0.04	2.	0.000	11	0.	0.03	1.	0.000	10	0.	0.03	1.	0.000
3213	16.96	16.96	28	0.	0.08	4.	0.000	21	0.	0.06	3.	0.000	20	0.	0.06	3.	0.000
3214	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3215	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3216	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3217	16.96	16.96	66	0.	0.20	9.	0.000	42	0.	0.13	6.	0.000	39	0.	0.12	5.	0.000
3218	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3219	16.96	16.96	27	0.	0.08	4.	0.000	16	0.	0.05	2.	0.000	15	0.	0.04	2.	0.000
3220	16.96	16.96	72	0.	0.21	10.	0.000	44	0.	0.13	6.	0.000	40	0.	0.12	5.	0.000
3221	16.96	16.96	181	0.	0.54	25.	0.001	104	0.	0.31	14.	0.001	94	0.	0.28	13.	0.001
3222	16.96	16.96	3	0.	0.01	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3223	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3224	16.96	16.96	395	0.	1.18	54.	0.002	227	0.	0.68	31.	0.001	206	0.	0.62	28.	0.001
3225	16.96	16.96	641	0.	1.92	87.	0.004	378	0.	1.13	51.	0.002	342	0.	1.02	47.	0.002
3226	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3227	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3228	16.96	16.96	13	0.	0.04	2.	0.000	10	0.	0.03	1.	0.000	9	0.	0.03	1.	0.000
3229	16.96	16.96	5	0.	0.02	1.	0.000	4	0.	0.01	0.	0.000	4	0.	0.01	1.	0.000
3230	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3231	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3232	16.96	16.96	44	0.	0.13	6.	0.000	32	0.	0.10	4.	0.000	30	0.	0.09	4.	0.000
3233	16.96	16.96	57	0.	0.17	8.	0.000	41	0.	0.12	6.	0.000	38	0.	0.11	5.	0.000
3234	16.96	16.96	59	0.	0.18	8.	0.000	43	0.	0.13	6.	0.000	39	0.	0.12	5.	0.000
3235	16.96	16.96	22	0.	0.07	3.	0.000	17	0.	0.05	2.	0.000	16	0.	0.05	2.	0.000
3236	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3237	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3238	16.96	16.96	1	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3239	16.96	16.96	10	0.	0.03	1.	0.000	7	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000
3240	16.96	16.96	78	0.	0.23	11.	0.000	47	0.	0.14	6.	0.000	43	0.	0.13	6.	0.000
3241	16.96	16.96	32	0.	0.10	4.	0.000	19	0.	0.06	3.	0.000	17	0.	0.05	2.	0.000
3242	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3243	16.96	16.96	505	0.	1.51	69.	0.003	294	0.	0.88	40.	0.002	266	0.	0.80	36.	0.002
3244	16.96	16.96	267	0.	0.80	36.	0.002	158	0.	0.47	22.	0.001	143	0.	0.43	20.	0.001
3245	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3246	16.96	16.96	11	0.	0.03	1.	0.000	8	0.	0.02	1.	0.000	8	0.	0.02	1.	0.000
3253	16.96	16.96	24	0.	0.07	3.	0.000	18	0.	0.05	2.	0.000	16	0.	0.05	2.	0.000
3254	16.96	16.96	26	0.	0.08	4.	0.000	18	0.	0.06	3.	0.000	17	0.	0.05	2.	0.000
3255	16.96	16.96	56	0.	0.17	8.	0.000	41	0.	0.12	6.	0.000	37	0.	0.11	5.	0.000
3256	16.96	16.96	19	0.	0.06	3.	0.000	15	0.	0.05	2.	0.000	14	0.	0.04	2.	0.000
3257	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3258	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3259	16.96	16.96	20	0.	0.06	3.	0.000	13	0.	0.04	2.	0.000	12	0.	0.04	2.	0.000
3260	16.96	16.96	11	0.	0.03	2.	0.000	7	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000
3261	16.96	16.96	62	0.	0.19	8.	0.000	38	0.	0.11	5.	0.000	35	0.	0.10	5.	0.000
3262	16.96	16.96	68	0.	0.20	9.	0.000	43	0.	0.13	6.	0.000	40	0.	0.12	5.	0.000
3263	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3264	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3265	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3266	16.96	16.96	19	0.	0.06	3.	0.000	8	0.	0.02	1.	0.000	7	0.	0.02	1.	0.000
3267	16.96	16.96	464	0.	1.39	63.	0.003	272	0.	0.81	37.	0.002	246	0.	0.74	34.	0.001
3268	16.96	16.96	48	0.	0.14	6.	0.000	28	0.	0.08	4.	0.000	25	0.	0.07	3.	0.000
3269	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3270	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3271	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3272	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3273	16.96	16.96	19	0.	0.06	3.	0.000	13	0.	0.04	2.	0.000	12	0.	0.04	2.	0.000
3274	16.96	16.96	53	0.	0.16	7.	0.000	38	0.	0.11	5.	0.000	35	0.	0.11	5.	0.000
3275	16.96	16.96	41	0.	0.12	6.	0.000	29	0.	0.09	4.	0.000	27	0.	0.08	4.	0.000
3276	16.96	16.96	27	0.	0.08	4.	0.000	21	0.	0.06	3.	0.000	19	0.	0.06	3.	0.000
3277	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3278	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3279	16.96	16.96	4	0.	0.01	1.	0.000	3	0.	0.01	0.	0.000	3	0.	0.01	0.	0.000
3280	16.96	16.96	26	0.	0.08	4.	0.000	18	0.	0.05	2.	0.000	17	0.	0.05	2.	0.000
3281	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3282	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3283	16.96	16.96	179	0.	0.53	24.	0.001	103	0.	0.31	14.	0.001	93	0.	0.28	13.	0.001
3284	16.96	16.96	336	0.	1.01	46.	0.002	198	0.	0.59	27.	0.001	179	0.	0.53	24.	0.001
3285	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3286	16.96	16.96	104	0.	0.31	14.	0.001	70	0.	0.21	10.	0.000	66	0.	0.20	9.	0.000
3292	16.96	16.96	8	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000	5	0.	0.01	1.	0.000
3293	16.96	16.96	20	0.	0.06	3.	0.000	15	0.	0.04	2.	0.000	13	0.	0.04	2.	0.000
3294	16.96	16.96	10	0.	0.03	1.	0.000	7	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000
3295	16.96	16.96	9	0.	0.03	1.	0.000	6	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000
3296	16.96	16.96	13	0.	0.04	2.	0.000	11	0.	0.03	2.	0.000	10	0.	0.03	1.	0.000
3297	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3298	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3299	16.96	16.96	9	0.	0.03	1.	0.000	6	0.	0.02	1.	0.000	5	0.	0.02	1.	0.000
3300	16.96	16.96	22	0.	0.07	3.	0.000	14	0.	0.04	2.	0.000	13	0.	0.04	2.	0.000

3301	16.96	16.96	5	0.	0.02	1.	0.000	4	0.	0.01	1.	0.000	4	0.	0.01	1.	0.000
3302	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3303	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3304	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3305	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3306	16.96	16.96	235	0.	0.70	32.	0.001	137	0.	0.41	19.	0.001	124	0.	0.37	17.	0.001
3307	16.96	16.96	113	0.	0.34	15.	0.001	66	0.	0.20	9.	0.000	60	0.	0.18	8.	0.000
3308	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3309	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3310	16.96	16.96	11	0.	0.03	2.	0.000	8	0.	0.02	1.	0.000	8	0.	0.02	1.	0.000
3311	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3312	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3313	16.96	16.96	9	0.	0.03	1.	0.000	8	0.	0.02	1.	0.000	7	0.	0.02	1.	0.000
3314	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3315	16.96	16.96	1	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000
3316	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3317	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3318	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3319	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3320	16.96	16.96	212	0.	0.63	29.	0.001	124	0.	0.37	17.	0.001	113	0.	0.34	15.	0.001
3321	16.96	16.96	15	0.	0.04	2.	0.000	8	0.	0.02	1.	0.000	7	0.	0.02	1.	0.000
3322	16.96	16.96	293	0.	0.88	40.	0.002	198	0.	0.59	27.	0.001	185	0.	0.55	25.	0.001
3327	16.96	16.96	18	0.	0.05	2.	0.000	14	0.	0.04	2.	0.000	12	0.	0.04	2.	0.000
3328	16.96	16.96	34	0.	0.10	5.	0.000	26	0.	0.08	4.	0.000	23	0.	0.07	3.	0.000
3329	16.96	16.96	9	0.	0.03	1.	0.000	7	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000
3330	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3331	16.96	16.96	15	0.	0.05	2.	0.000	9	0.	0.03	1.	0.000	9	0.	0.03	1.	0.000
3332	16.96	16.96	8	0.	0.03	1.	0.000	4	0.	0.01	1.	0.000	4	0.	0.01	1.	0.000
3333	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3334	16.96	16.96	14	0.	0.04	2.	0.000	11	0.	0.03	1.	0.000	10	0.	0.03	1.	0.000
3335	16.96	16.96	0.	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3336	16.96	16.96	5	0.	0.01	1.	0.000	4	0.	0.01	1.	0.000	4	0.	0.01	0.	0.000
3337	16.96	16.96	2	0.	0.01	0.	0.000	3	0.	0.01	0.	0.000	3	0.	0.01	0.	0.000
3338	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3339	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3340	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3341	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3342	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3343	16.96	16.96	25	0.	0.07	3.	0.000	14	0.	0.04	2.	0.000	13	0.	0.04	2.	0.000
3344	16.96	16.96	136	0.	0.41	19.	0.001	81	0.	0.24	11.	0.000	73	0.	0.22	10.	0.000
3345	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3346	16.96	16.96	7	0.	0.02	1.	0.000	5	0.	0.02	1.	0.000	5	0.	0.02	1.	0.000
3347	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3348	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3349	16.96	16.96	16	0.	0.05	2.	0.000	13	0.	0.04	2.	0.000	10	0.	0.03	1.	0.000
3350	16.96	16.96	22	0.	0.07	3.	0.000	16	0.	0.05	2.	0.000	15	0.	0.05	2.	0.000
3351	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3352	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3353	16.96	16.96	10	0.	0.03	1.	0.000	5	0.	0.02	1.	0.000	5	0.	0.02	1.	0.000
3354	16.96	16.96	18	0.	0.06	3.	0.000	13	0.	0.04	2.	0.000	12	0.	0.04	2.	0.000
3355	16.96	16.96	7	0.	0.02	1.	0.000	5	0.	0.02	1.	0.000	5	0.	0.01	1.	0.000
3356	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3357	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3358	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3359	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3360	16.96	16.96	64	0.	0.19	9.	0.000	38	0.	0.11	5.	0.000	34	0.	0.10	5.	0.000
3361	16.96	16.96	106	0.	0.32	14.	0.001	72	0.	0.21	10.	0.000	67	0.	0.20	9.	0.000
3362	16.96	16.96	487	0.	1.46	66.	0.003	329	0.	0.98	45.	0.002	307	0.	0.92	42.	0.002
3366	16.96	16.96	76	0.	0.23	10.	0.000	58	0.	0.17	8.	0.000	53	0.	0.16	7.	0.000
3367	16.96	16.96	86	0.	0.26	12.	0.000	66	0.	0.20	9.	0.000	61	0.	0.18	8.	0.000
3368	16.96	16.96	28	0.	0.08	4.	0.000	21	0.	0.06	3.	0.000	19	0.	0.06	3.	0.000
3369	16.96	16.96	24	0.	0.07	3.	0.000	19	0.	0.06	3.	0.000	18	0.	0.05	2.	0.000
3370	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3371	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3372	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3373	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3374	16.96	16.96	26	0.	0.08	3.	0.000	18	0.	0.06	3.	0.000	17	0.	0.05	2.	0.000
3375	16.96	16.96	9	0.	0.03	1.	0.000	8	0.	0.02	1.	0.000	7	0.	0.02	1.	0.000
3376	16.96	16.96	4	0.	0.01	1.	0.000	5	0.	0.01	1.	0.000	5	0.	0.01	1.	0.000
3377	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3378	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3379	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3380	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3381	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3382	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3383	16.96	16.96	58	0.	0.17	8.	0.000	35	0.	0.10	5.	0.000	32	0.	0.10	4.	0.000
3384	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3385	16.96	16.96	33	0.	0.10	5.	0.000	23	0.	0.07	3.	0.000	22	0.	0.06	3.	0.000
3386	16.96	16.96	0.	0.	0.00	0.	0.000	7	0.	0.02	1.	0.000	0.	0.	0.00	0.	0.000
3387	16.96	16.96	60	0.	0.18	8.	0.000	46	0.	0.14	6.	0.000	39	0.	0.12	5.	0.000
3388	16.96	16.96	90	0.	0.27	12.	0.001	68	0.	0.20	9.	0.000	61	0.	0.18	8.	0.000
3389	16.96	16.96	53	0.	0.16	7.	0.000	39	0.	0.12	5.	0.000	37	0.	0.11	5.	0.000
3390	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3391	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3392	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3393	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3394	16.96	16.96	26	0.	0.08	4.	0.000	19	0.	0.06	3.	0.000	18	0.	0.05	2.	0.000
3395	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3396	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3397	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3398	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3399	16.96	16.96	12	0.	0.04	2.	0.000	7	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000
3400	16.96	16.96	141	0.	0.42	19.	0.001	95	0.	0.28	13.	0.001	89	0.	0.26	12.	0.001
3401	16.96	16.96	304	0.	0.91	41.	0.002	205	0.	0.61	28.	0.001	191	0.	0.57	26.	0.001
3402	16.96	16.96	631	0.	1.89	86.	0.004	426	0.	1.27	58.	0.002	397	0.	1.19	54.	0.002
3405	16.96	16.96	85	0.	0.25	12.	0.000	64	0.	0.19	9.	0.000	61	0.	0.18	8.	0.000
3406	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3407	16.96	16.96	106	0.	0.32	14.	0.001	81	0.	0.24	11.	0.000	74	0.	0.22	10.	0.000
3408	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3409	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3410	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3411	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000

3412	16.96	16.96	2	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3413	16.96	16.96	24	0.	0.07	3.	0.000	17	0.	0.05	2.	0.000	15	0.	0.05	2.	0.000
3414	16.96	16.96	23	0.	0.07	3.	0.000	16	0.	0.05	2.	0.000	14	0.	0.04	2.	0.000
3415	16.96	16.96	16	0.	0.05	2.	0.000	12	0.	0.04	2.	0.000	12	0.	0.03	2.	0.000
3416	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3417	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3418	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3419	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3420	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3421	16.96	16.96	0.	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000
3422	16.96	16.96	52	0.	0.16	7.	0.000	35	0.	0.10	5.	0.000	33	0.	0.10	4.	0.000
3423	16.96	16.96	378	0.	1.13	51.	0.002	333	0.	1.00	45.	0.002	277	0.	0.83	38.	0.002
3424	16.96	16.96	382	0.	1.14	52.	0.002	330	0.	0.99	45.	0.002	278	0.	0.83	38.	0.002
3425	16.96	16.96	246	0.	0.74	34.	0.001	212	0.	0.63	29.	0.001	180	0.	0.54	24.	0.001
3426	16.96	16.96	187	0.	0.56	25.	0.001	157	0.	0.47	21.	0.001	137	0.	0.41	19.	0.001
3427	16.96	16.96	134	0.	0.40	18.	0.001	110	0.	0.33	15.	0.001	100	0.	0.30	14.	0.001
3428	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3429	16.96	16.96	26	0.	0.08	4.	0.000	19	0.	0.06	3.	0.000	18	0.	0.05	3.	0.000
3430	16.96	16.96	66	0.	0.20	9.	0.000	51	0.	0.15	7.	0.000	47	0.	0.14	6.	0.000
3431	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3432	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3433	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3434	16.96	16.96	14	0.	0.04	2.	0.000	9	0.	0.03	1.	0.000	9	0.	0.03	1.	0.000
3435	16.96	16.96	15	0.	0.04	2.	0.000	12	0.	0.04	2.	0.000	11	0.	0.03	2.	0.000
3436	16.96	16.96	9	0.	0.03	1.	0.000	9	0.	0.03	1.	0.000	8	0.	0.02	1.	0.000
3437	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3438	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3439	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3440	16.96	16.96	87	0.	0.26	12.	0.000	58	0.	0.17	8.	0.000	54	0.	0.16	7.	0.000
3441	16.96	16.96	215	0.	0.64	29.	0.001	144	0.	0.43	20.	0.001	134	0.	0.40	18.	0.001
3442	16.96	16.96	445	0.	1.33	61.	0.003	298	0.	0.89	41.	0.002	278	0.	0.83	38.	0.002
3443	16.96	16.96	704	0.	2.11	96.	0.004	475	0.	1.42	65.	0.003	442	0.	1.32	60.	0.003
3445	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3446	16.96	16.96	111	0.	0.33	15.	0.001	85	0.	0.25	12.	0.000	79	0.	0.24	11.	0.000
3447	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3448	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3449	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3450	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3451	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3452	16.96	16.96	23	0.	0.07	3.	0.000	15	0.	0.05	2.	0.000	14	0.	0.04	2.	0.000
3453	16.96	16.96	13	0.	0.04	2.	0.000	11	0.	0.03	1.	0.000	10	0.	0.03	1.	0.000
3454	16.96	16.96	26	0.	0.08	4.	0.000	20	0.	0.06	3.	0.000	18	0.	0.05	2.	0.000
3455	16.96	16.96	22	0.	0.07	3.	0.000	17	0.	0.05	2.	0.000	15	0.	0.05	2.	0.000
3456	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3457	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3458	16.96	16.96	27	0.	0.08	4.	0.000	17	0.	0.05	2.	0.000	16	0.	0.05	2.	0.000
3459	16.96	16.96	46	0.	0.14	6.	0.000	29	0.	0.09	4.	0.000	26	0.	0.08	4.	0.000
3460	16.96	16.96	610	0.	1.82	83.	0.003	506	0.	1.51	69.	0.003	445	0.	1.33	60.	0.003
3461	16.96	16.96	428	0.	1.28	58.	0.002	351	0.	1.05	48.	0.002	312	0.	0.93	42.	0.002
3462	16.96	16.96	342	0.	1.02	47.	0.002	277	0.	0.83	38.	0.002	252	0.	0.75	34.	0.001
3463	16.96	16.96	292	0.	0.87	40.	0.002	232	0.	0.69	32.	0.001	216	0.	0.65	29.	0.001
3464	16.96	16.96	199	0.	0.59	27.	0.001	155	0.	0.46	21.	0.001	150	0.	0.45	20.	0.001
3465	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3466	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3467	16.96	16.96	108	0.	0.32	15.	0.001	83	0.	0.25	11.	0.000	77	0.	0.23	10.	0.000
3468	16.96	16.96	50	0.	0.15	7.	0.000	40	0.	0.12	5.	0.000	37	0.	0.11	5.	0.000
3469	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3470	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3471	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3472	16.96	16.96	23	0.	0.07	3.	0.000	15	0.	0.05	2.	0.000	14	0.	0.04	2.	0.000
3473	16.96	16.96	17	0.	0.05	2.	0.000	14	0.	0.04	2.	0.000	13	0.	0.04	2.	0.000
3474	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3475	16.96	16.96	44	0.	0.13	6.	0.000	28	0.	0.08	4.	0.000	26	0.	0.08	3.	0.000
3476	16.96	16.96	102	0.	0.31	14.	0.001	68	0.	0.20	9.	0.000	63	0.	0.19	9.	0.000
3477	16.96	16.96	268	0.	0.80	36.	0.002	178	0.	0.53	24.	0.001	166	0.	0.50	23.	0.001
3478	16.96	16.96	546	0.	1.63	74.	0.003	363	0.	1.09	49.	0.002	338	0.	1.01	46.	0.002
3479	16.96	16.96	725	0.	2.17	99.	0.004	489	0.	1.46	67.	0.003	455	0.	1.36	62.	0.003
3480	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3481	16.96	16.96	69	0.	0.20	9.	0.000	48	0.	0.14	7.	0.000	47	0.	0.14	6.	0.000
3482	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3483	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3484	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3485	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3486	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3487	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3488	16.96	16.96	21	0.	0.06	3.	0.000	14	0.	0.04	2.	0.000	13	0.	0.04	2.	0.000
3489	16.96	16.96	25	0.	0.07	3.	0.000	18	0.	0.05	2.	0.000	17	0.	0.05	2.	0.000
3490	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3491	16.96	16.96	10	0.	0.03	1.	0.000	7	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000
3492	16.96	16.96	36	0.	0.11	5.	0.000	23	0.	0.07	3.	0.000	21	0.	0.06	3.	0.000
3493	16.96	16.96	34	0.	0.10	5.	0.000	22	0.	0.07	3.	0.000	20	0.	0.06	3.	0.000
3494	16.96	16.96	434	0.	1.30	59.	0.002	340	0.	1.02	46.	0.002	315	0.	0.94	43.	0.002
3495	16.96	16.96	339	0.	1.01	46.	0.002	259	0.	0.78	35.	0.001	247	0.	0.74	34.	0.001
3496	16.96	16.96	328	0.	0.98	45.	0.002	250	0.	0.75	34.	0.001	241	0.	0.72	33.	0.001
3497	16.96	16.96	287	0.	0.86	39.	0.002	218	0.	0.65	30.	0.001	211	0.	0.63	29.	0.001
3498	16.96	16.96	159	0.	0.48	22.	0.001	116	0.	0.35	16.	0.001	119	0.	0.36	16.	0.001
3499	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3500	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3501	16.96	16.96	215	0.	0.64	29.	0.001	160	0.	0.48	22.	0.001	149	0.	0.44	20.	0.001
3502	16.96	16.96	266	0.	0.80	36.	0.002	199	0.	0.60	27.	0.001	184	0.	0.55	25.	0.001
3503	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3504	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3505	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3506	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3507	16.96	16.96	20	0.	0.06	3.	0.000	13	0.	0.04	2.	0.000	12	0.	0.04	2.	0.000
3508	16.96	16.96	13	0.	0.04	2.	0.000	10	0.	0.03	1.	0.000	10	0.	0.03	1.	0.000
3509	16.96	16.96	9	0.	0.03	1.	0.000	5	0.	0.02	1.	0.000	5	0.	0.01	1.	0.000
3510	16.96	16.96	8	0.	0.02	1.	0.000	4	0.	0.01	1.	0.000	3	0.	0.01	0.	0.000
3511	16.96	16.96	86	0.	0.26	12.	0.000	56	0.	0.17	8.	0.000	52	0.	0.16	7.	0.000
3512	16.96	16.96	281	0.	0.84	38.	0.002	185	0.	0.55	25.	0.001	172	0.	0.52	23.	0.001
3513	16.96	16.96	582	0.	1.74	79.	0.003	384	0.	1.15	52.	0.002	356	0.	1.07	48.	0.002
3514	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000

3515	16.96	16.96	16	0.	0.05	2.	0.000	8	0.	0.02	1.	0.000	10	0.	0.03	1.	0.000
3516	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3517	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3518	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3519	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3520	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3521	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3522	16.96	16.96	1	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3523	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3524	16.96	16.96	12	0.	0.03	2.	0.000	7	0.	0.02	1.	0.000	7	0.	0.02	1.	0.000
3525	16.96	16.96	1	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3526	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3527	16.96	16.96	0.	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000	1	0.	0.00	0.	0.000
3528	16.96	16.96	10	0.	0.03	1.	0.000	6	0.	0.02	1.	0.000	6	0.	0.02	1.	0.000
3529	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3530	16.96	16.96	658	0.	1.97	89.	0.004	499	0.	1.49	68.	0.003	483	0.	1.44	66.	0.003
3531	16.96	16.96	593	0.	1.77	81.	0.003	443	0.	1.33	60.	0.003	434	0.	1.30	59.	0.002
3532	16.96	16.96	567	0.	1.70	77.	0.003	425	0.	1.27	58.	0.002	414	0.	1.24	56.	0.002
3533	16.96	16.96	440	0.	1.32	60.	0.002	331	0.	0.99	45.	0.002	320	0.	0.96	44.	0.002
3534	16.96	16.96	144	0.	0.43	20.	0.001	111	0.	0.33	15.	0.001	105	0.	0.31	14.	0.001
3535	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3536	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3537	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3538	16.96	16.96	264	0.	0.79	36.	0.001	193	0.	0.58	26.	0.001	181	0.	0.54	25.	0.001
3539	16.96	16.96	509	0.	1.52	69.	0.003	376	0.	1.13	51.	0.002	348	0.	1.04	47.	0.002
3540	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3541	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3542	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3543	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3544	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3545	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3546	16.96	16.96	10	0.	0.03	1.	0.000	4	0.	0.01	1.	0.000	4	0.	0.01	1.	0.000
3547	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3548	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3549	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3550	16.96	16.96	35	0.	0.11	5.	0.000	22	0.	0.07	3.	0.000	20	0.	0.06	3.	0.000
3551	16.96	16.96	255	0.	0.76	35.	0.001	167	0.	0.50	23.	0.001	155	0.	0.46	21.	0.001
3552	16.96	16.96	585	0.	1.75	80.	0.003	384	0.	1.15	52.	0.002	357	0.	1.07	48.	0.002
3553	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3554	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3555	16.96	16.96	964	0.	2.88	131.	0.005	721	0.	2.16	98.	0.004	664	0.	1.99	90.	0.004
3556	16.96	16.96	82	0.	0.24	11.	0.000	70	0.	0.21	10.	0.000	63	0.	0.19	9.	0.000
3557	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3558	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3559	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3560	16.96	16.96	39	0.	0.12	5.	0.000	29	0.	0.09	4.	0.000	27	0.	0.08	4.	0.000
3561	16.96	16.96	26	0.	0.08	4.	0.000	18	0.	0.05	2.	0.000	17	0.	0.05	2.	0.000
3562	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3563	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3564	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3565	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3566	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3567	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3568	16.96	16.96	4	0.	0.01	1.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3569	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3570	16.96	16.96	11	0.	0.03	1.	0.000	7	0.	0.02	1.	0.000	7	0.	0.02	1.	0.000
3571	16.96	16.96	3	0.	0.01	0.	0.000	2	0.	0.01	0.	0.000	2	0.	0.01	0.	0.000
3572	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3573	16.96	16.96	904	0.	2.70	123.	0.005	674	0.	2.02	92.	0.004	654	0.	1.95	89.	0.004
3574	16.96	16.96	466	0.	1.39	63.	0.003	341	0.	1.02	46.	0.002	336	0.	1.00	46.	0.002
3575	16.96	16.96	189	0.	0.56	26.	0.001	138	0.	0.41	19.	0.001	133	0.	0.40	18.	0.001
3576	16.96	16.96	64	0.	0.19	9.	0.000	43	0.	0.13	6.	0.000	40	0.	0.12	5.	0.000
3577	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3578	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3579	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3580	16.96	16.96	216	0.	0.65	29.	0.001	157	0.	0.47	21.	0.001	146	0.	0.44	20.	0.001
3581	16.96	16.96	808	0.	2.42	110.	0.005	613	0.	1.83	83.	0.003	563	0.	1.68	77.	0.003
3582	16.96	16.96	88	0.	0.26	12.	0.000	73	0.	0.22	10.	0.000	66	0.	0.20	9.	0.000
3583	16.96	16.96	64	0.	0.19	9.	0.000	49	0.	0.15	7.	0.000	45	0.	0.13	6.	0.000
3584	16.96	16.96	108	0.	0.32	15.	0.001	79	0.	0.24	11.	0.000	73	0.	0.22	10.	0.000
3585	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3586	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3587	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3588	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3589	16.96	16.96	8	0.	0.03	1.	0.000	3	0.	0.01	0.	0.000	3	0.	0.01	0.	0.000
3590	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3591	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3592	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3593	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3594	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3595	16.96	16.96	232	0.	0.69	32.	0.001	150	0.	0.45	20.	0.001	140	0.	0.42	19.	0.001
3596	16.96	16.96	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3597	16.96	16.96	89	0.	0.26	12.	0.001	65	0.	0.19	9.	0.000	59	0.	0.18	8.	0.000
3598	16.96	16.96	1645	0.	4.92	224.	0.009	1221	0.	3.65	166.	0.007	1126	0.	3.37	153.	0.006
3599	16.96	16.96	1809	0.	5.41	246.	0.010	1364	0.	4.08	185.	0.008	1256	0.	3.76	171.	0.007
3600	16.96	16.96	343	0.	1.02	47.	0.002	273	0.	0.82	37.	0.002	249	0.	0.74	34.	0.001

11.3 Verifica dei setti interni

La fondazione ha spessore 25 cm ed è armata simmetricamente con Φ14/15 in entrambe le direzioni, si riportano, a titolo di esempio, i tabulati Verifica di alcuni gusci significativi.

Verifiche allo SLU

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unità di misura:
   lunghezze     : [cm]      -   forze       : [daN]
   momenti       : [daNcm/cm]-   tensioni    : [daN/cm2]
   pesi specifici: [daN/cm3] -   angoli      : [gradi]
   armature      : [cm2]

CASI DI CARICO:
    Nome  Descrizione
    1     SLU SENZA SISMA
    4     SLU con SISMAX PRINC
    5     SLU con SISMAY PRINC

DATI:
   tensione di snervamento acciaio (fyk): 4500    daN/cm2
   coefficiente sicurezza acciaio       : 1.15
   deformazione ultima acciaio          : 67.5    per mille
   deformazione ultima cls              :  3.5    per mille
   rapporto rottura/snervamento     (k): 1.15
   resistenza cilindrica cls       (fck): 332     daN/cm2
   coefficiente sicurezza cls           : 1.5
   coefficiente riduttivo         (alfa): 0.85
   copriferro inferiore  (asse armatura):  3      cm
   copriferro superiore  (asse armatura):  3      cm
   moltiplicatore sollecitazioni        :  1
```

		INFERIORE ORIZZONTALE						INFERIORE VERTICALE					
GUSCI	spess	Af	Afc	Mom	Nor	epsC	epsF	Af	Afc	Mom	Nor	epsC	epsF
6730	25	10.26	10.26	0.	90.	0.00	0.21	10.26	10.26	0.	226.	0.00	0.52
6731	25	10.26	10.26	0.	38.	0.00	0.09	10.26	10.26	0.	150.	0.00	0.35
6732	25	10.26	10.26	0.	18.	0.00	0.04	10.26	10.26	0.	114.	0.00	0.26
6733	25	10.26	10.26	0.	13.	0.00	0.03	10.26	10.26	0.	94.	0.00	0.22
6734	25	10.26	10.26	0.	12.	0.00	0.03	10.26	10.26	0.	76.	0.00	0.18
6735	25	10.26	10.26	0.	12.	0.00	0.03	10.26	10.26	0.	57.	0.00	0.13
6736	25	10.26	10.26	0.	12.	0.00	0.03	10.26	10.26	0.	38.	0.00	0.09
6737	25	10.26	10.26	2.	9.	0.00	0.02	10.26	10.26	6.	21.	0.00	0.05
6738	25	10.26	10.26	4.	7.	0.00	0.02	10.26	10.26	5.	7.	0.00	0.02
6739	25	10.26	10.26	0.	23.	0.00	0.05	10.26	10.26	448.	31.	0.01	0.18
6740	25	10.26	10.26	0.	33.	0.00	0.08	10.26	10.26	0.	61.	0.00	0.14
6741	25	10.26	10.26	0.	20.	0.00	0.05	10.26	10.26	0.	67.	0.00	0.15
6742	25	10.26	10.26	30.	10.	0.00	0.03	10.26	10.26	0.	62.	0.00	0.14
6743	25	10.26	10.26	10.	11.	0.00	0.03	10.26	10.26	0.	54.	0.00	0.13
6744	25	10.26	10.26	0.	18.	0.00	0.04	10.26	10.26	0.	45.	0.00	0.10
6745	25	10.26	10.26	3.	25.	0.00	0.06	10.26	10.26	0.	34.	0.00	0.08
6746	25	10.26	10.26	13.	25.	0.00	0.06	10.26	10.26	9.	23.	0.00	0.06
6747	25	10.26	10.26	13.	22.	0.00	0.05	10.26	10.26	8.	10.	0.00	0.02
6748	25	10.26	10.26	224.	30.	0.00	0.12	10.26	10.26	784.	65.	0.00	0.34
6749	25	10.26	10.26	0.	11.	0.00	0.03	10.26	10.26	378.	32.	0.00	0.16
6750	25	10.26	10.26	103.	20.	0.00	0.07	10.26	10.26	124.	30.	0.00	0.10
6751	25	10.26	10.26	57.	26.	0.00	0.07	10.26	10.26	70.	26.	0.00	0.08
6752	25	10.26	10.26	8.	23.	0.00	0.06	10.26	10.26	7.	29.	0.00	0.07
6753	25	10.26	10.26	13.	27.	0.00	0.06	10.26	10.26	0.	23.	0.00	0.05
6754	25	10.26	10.26	28.	30.	0.00	0.08	10.26	10.26	0.	18.	0.00	0.04
6755	25	10.26	10.26	31.	34.	0.00	0.09	10.26	10.26	1.	13.	0.00	0.03
6756	25	10.26	10.26	29.	36.	0.00	0.09	10.26	10.26	9.	10.	0.00	0.03
6757	25	10.26	10.26	236.	45.	0.00	0.16	10.26	10.26	843.	73.	0.00	0.37
6758	25	10.26	10.26	211.	40.	0.00	0.14	10.26	10.26	505.	56.	0.00	0.25
6759	25	10.26	10.26	106.	21.	0.00	0.08	10.26	10.26	236.	67.	0.00	0.22
6760	25	10.26	10.26	0.	25.	0.00	0.06	10.26	10.26	72.	68.	0.00	0.18
6761	25	10.26	10.26	0.	21.	0.00	0.05	10.26	10.26	13.	59.	0.00	0.14
6762	25	10.26	10.26	32.	8.	0.00	0.03	10.26	10.26	0.	47.	0.00	0.11
6763	25	10.26	10.26	55.	24.	0.00	0.07	10.26	10.26	0.	33.	0.00	0.08
6764	25	10.26	10.26	42.	35.	0.00	0.09	10.26	10.26	0.	19.	0.00	0.04
6765	25	10.26	10.26	34.	45.	0.00	0.11	10.26	10.26	2.	8.	0.00	0.02
6766	25	10.26	10.26	250.	37.	0.00	0.14	10.26	10.26	965.	97.	0.00	0.45
6767	25	10.26	10.26	186.	47.	0.00	0.15	10.26	10.26	380.	122.	0.00	0.39
6768	25	10.26	10.26	0.	29.	0.00	0.07	10.26	10.26	79.	131.	0.00	0.32
6769	25	10.26	10.26	0.	14.	0.00	0.03	10.26	10.26	13.	118.	0.00	0.28
6770	25	10.26	10.26	0.	6.	0.00	0.01	10.26	10.26	0.	98.	0.00	0.23
6771	25	10.26	10.26	0.	3.	0.00	0.01	10.26	10.26	0.	76.	0.00	0.18
6772	25	10.26	10.26	64.	11.	0.00	0.04	10.26	10.26	0.	52.	0.00	0.12
6773	25	10.26	10.26	68.	22.	0.00	0.07	10.26	10.26	0.	26.	0.00	0.06
6774	25	10.26	10.26	17.	42.	0.00	0.10	10.26	10.26	0.	7.	0.00	0.02
6775	25	10.26	10.26	146.	119.	0.00	0.31	10.26	10.26	1297.	326.	0.00	1.12
6776	25	10.26	10.26	0.	42.	0.00	0.10	10.26	10.26	46.	248.	0.00	0.59
6777	25	10.26	10.26	0.	27.	0.00	0.06	10.26	10.26	46.	203.	0.00	0.48
6778	25	10.26	10.26	0.	30.	0.00	0.07	10.26	10.26	3.	177.	0.00	0.41
6779	25	10.26	10.26	0.	30.	0.00	0.07	10.26	10.26	0.	149.	0.00	0.34
6780	25	10.26	10.26	0.	27.	0.00	0.06	10.26	10.26	0.	118.	0.00	0.27
6781	25	10.26	10.26	68.	20.	0.00	0.06	10.26	10.26	0.	84.	0.00	0.19
6782	25	10.26	10.26	141.	38.	0.00	0.12	10.26	10.26	1.	48.	0.00	0.11
6783	25	10.26	10.26	5.	48.	0.00	0.11	10.26	10.26	64.	8.	0.00	0.03

		SUPERIORE ORIZZONTALE						SUPERIORE VERTICALE					
GUSCI	spess	Af	Afc	Mom	Nor	epsC	epsF	Af	Afc	Mom	Nor	epsC	epsF
6730	25	10.26	10.26	80.	49.	0.00	0.24	10.26	10.26	503.	226.	0.00	0.64
6731	25	10.26	10.26	91.	23.	0.00	0.11	10.26	10.26	441.	150.	0.00	0.45

6732	25	10.26 10.26	8.	4.	0.00	0.06	10.26 10.26	313.	114.	0.00	0.34
6733	25	10.26 10.26	1.	3.	0.00	0.04	10.26 10.26	192.	94.	0.00	0.26
6734	25	10.26 10.26	25.	2.	0.00	0.04	10.26 10.26	100.	76.	0.00	0.20
6735	25	10.26 10.26	16.	9.	0.00	0.03	10.26 10.26	40.	57.	0.00	0.14
6736	25	10.26 10.26	5.	9.	0.00	0.03	10.26 10.26	8.	37.	0.00	0.09
6737	25	10.26 10.26	2.	9.	0.00	0.02	10.26 10.26	0.	18.	0.00	0.05
6738	25	10.26 10.26	1.	6.	0.00	0.02	10.26 10.26	0.	4.	0.00	0.02
6739	25	10.26 10.26	73.	13.	0.00	0.07	10.26 10.26	12.	31.	0.00	0.08
6740	25	10.26 10.26	120.	26.	0.00	0.11	10.26 10.26	213.	61.	0.00	0.19
6741	25	10.26 10.26	86.	13.	0.00	0.07	10.26 10.26	238.	67.	0.00	0.21
6742	25	10.26 10.26	70.	10.	0.00	0.04	10.26 10.26	176.	62.	0.00	0.18
6743	25	10.26 10.26	47.	11.	0.00	0.04	10.26 10.26	84.	54.	0.00	0.15
6744	25	10.26 10.26	21.	14.	0.00	0.05	10.26 10.26	27.	45.	0.00	0.11
6745	25	10.26 10.26	5.	23.	0.00	0.06	10.26 10.26	2.	34.	0.00	0.08
6746	25	10.26 10.26	1.	23.	0.00	0.06	10.26 10.26	1.	21.	0.00	0.05
6747	25	10.26 10.26	0.	20.	0.00	0.05	10.26 10.26	1.	8.	0.00	0.02
6748	25	10.26 10.26	109.	27.	0.00	0.11	10.26 10.26	0.	48.	0.00	0.15
6749	25	10.26 10.26	0.	0.	0.00	0.03	10.26 10.26	0.	10.	0.00	0.08
6750	25	10.26 10.26	0.	19.	0.00	0.05	10.26 10.26	0.	22.	0.00	0.07
6751	25	10.26 10.26	0.	26.	0.00	0.06	10.26 10.26	93.	26.	0.00	0.08
6752	25	10.26 10.26	0.	21.	0.00	0.05	10.26 10.26	47.	25.	0.00	0.07
6753	25	10.26 10.26	17.	6.	0.00	0.06	10.26 10.26	18.	22.	0.00	0.06
6754	25	10.26 10.26	0.	27.	0.00	0.07	10.26 10.26	4.	18.	0.00	0.05
6755	25	10.26 10.26	0.	31.	0.00	0.08	10.26 10.26	0.	12.	0.00	0.04
6756	25	10.26 10.26	0.	34.	0.00	0.08	10.26 10.26	0.	10.	0.00	0.02
6757	25	10.26 10.26	0.	44.	0.00	0.11	10.26 10.26	0.	71.	0.00	0.17
6758	25	10.26 10.26	0.	34.	0.00	0.09	10.26 10.26	0.	51.	0.00	0.15
6759	25	10.26 10.26	0.	27.	0.00	0.06	10.26 10.26	0.	53.	0.00	0.18
6760	25	10.26 10.26	15.	25.	0.00	0.06	10.26 10.26	0.	56.	0.00	0.17
6761	25	10.26 10.26	70.	21.	0.00	0.07	10.26 10.26	13.	51.	0.00	0.15
6762	25	10.26 10.26	55.	11.	0.00	0.04	10.26 10.26	51.	42.	0.00	0.12
6763	25	10.26 10.26	0.	21.	0.00	0.06	10.26 10.26	58.	32.	0.00	0.09
6764	25	10.26 10.26	0.	30.	0.00	0.08	10.26 10.26	46.	19.	0.00	0.06
6765	25	10.26 10.26	0.	40.	0.00	0.10	10.26 10.26	14.	7.	0.00	0.02
6766	25	10.26 10.26	0.	38.	0.00	0.09	10.26 10.26	0.	79.	0.00	0.23
6767	25	10.26 10.26	0.	51.	0.00	0.12	10.26 10.26	0.	91.	0.00	0.33
6768	25	10.26 10.26	52.	29.	0.00	0.08	10.26 10.26	0.	103.	0.00	0.30
6769	25	10.26 10.26	88.	14.	0.00	0.05	10.26 10.26	3.	92.	0.00	0.29
6770	25	10.26 10.26	0.	6.	0.00	0.01	10.26 10.26	54.	75.	0.00	0.25
6771	25	10.26 10.26	0.	3.	0.00	0.01	10.26 10.26	68.	56.	0.00	0.19
6772	25	10.26 10.26	0.	5.	0.00	0.03	10.26 10.26	59.	35.	0.00	0.13
6773	25	10.26 10.26	0.	21.	0.00	0.06	10.26 10.26	38.	16.	0.00	0.07
6774	25	10.26 10.26	0.	39.	0.00	0.10	10.26 10.26	22.	4.	0.00	0.02
6775	25	10.26 10.26	17.	119.	0.00	0.28	10.26 10.26	0.	209.	0.00	0.86
6776	25	10.26 10.26	1.	41.	0.00	0.12	10.26 10.26	0.	196.	0.00	0.58
6777	25	10.26 10.26	88.	27.	0.00	0.08	10.26 10.26	28.	168.	0.00	0.49
6778	25	10.26 10.26	0.	30.	0.00	0.07	10.26 10.26	68.	149.	0.00	0.43
6779	25	10.26 10.26	0.	30.	0.00	0.07	10.26 10.26	71.	124.	0.00	0.36
6780	25	10.26 10.26	33.	27.	0.00	0.07	10.26 10.26	49.	96.	0.00	0.29
6781	25	10.26 10.26	0.	16.	0.00	0.05	10.26 10.26	63.	67.	0.00	0.22
6782	25	10.26 10.26	24.	40.	0.00	0.12	10.26 10.26	55.	36.	0.00	0.13
6783	25	10.26 10.26	88.	48.	0.00	0.15	10.26 10.26	20.	5.	0.00	0.03

********** TAGLIO PERPENDICOLARE

GUSCI	τx	τy	τt	GUSCI	τx	τy	τt	GUSCI	τx	τy	τt
6730	0.0	0.1	0.1	6731	0.0	0.1	0.1	6732	0.0	0.0	0.1
6733	0.0	0.0	0.0	6734	0.0	0.0	0.0	6735	0.0	0.0	0.0
6736	0.0	0.0	0.0	6737	0.0	0.0	0.0	6738	0.0	0.0	0.0
6739	0.0	0.1	0.1	6740	0.0	0.1	0.1	6741	0.0	0.0	0.0
6742	0.0	0.0	0.0	6743	0.0	0.0	0.0	6744	0.0	0.0	0.0
6745	0.0	0.0	0.0	6746	0.0	0.0	0.0	6747	0.0	0.0	0.0
6748	0.0	0.1	0.1	6749	0.0	0.1	0.1	6750	0.0	0.0	0.0
6751	0.0	0.0	0.0	6752	0.0	0.0	0.0	6753	0.0	0.0	0.0
6754	0.0	0.0	0.0	6755	0.0	0.0	0.0	6756	0.0	0.0	0.0
6757	0.0	0.1	0.1	6758	0.0	0.1	0.1	6759	0.0	0.0	0.0
6760	0.0	0.0	0.0	6761	0.0	0.0	0.0	6762	0.0	0.0	0.0
6763	0.0	0.0	0.0	6764	0.0	0.0	0.0	6765	0.0	0.0	0.0
6766	0.1	0.3	0.2	6767	0.0	0.1	0.1	6768	0.0	0.0	0.0
6769	0.1	0.0	0.0	6770	0.1	0.0	0.1	6771	0.0	0.0	0.0
6772	0.0	0.0	0.0	6773	0.0	0.0	0.0	6774	0.0	0.0	0.0
6775	0.2	1.0	0.7	6776	0.2	0.2	0.2	6777	0.1	0.0	0.1
6778	0.1	0.0	0.1	6779	0.1	0.0	0.1	6780	0.1	0.0	0.1
6781	0.1	0.0	0.1	6782	0.0	0.0	0.0	6783	0.1	0.0	0.0

Verifiche a fessurazione

VERIFICHE A FESSURAZIONE (EFFETTO MEMBRANA + PIASTRA)

unità di misura:
   lunghezze   : [cm]   -   forze   : [daN]
   momenti   : [daNcm/cm]   -   tensioni   : [daN/cm2]
   pesi specifici: [daN/cm3]   -   angoli   : [gradi]
   armature   : [cm2]

CASI DI CARICO:
    Nome Descrizione
    11   Rara (RARA)
    12   Frequente (FREQUENTE)
    13   Quasi Perm (QUASI PERMANENTE)

DATI:
    copriferro inferiore (asse armatura): 3   cm

copriferro superiore (asse armatura): 3 cm

Af = area effettiva disposta nello strato indicato (cm2 al metro)
wkR = apertura caratteristica per combinazione rara (mm) - apertura max = 0.3 mm
wkF = '' '' '' '' frequente (mm) - '' '' = 0.3 mm
wkP = '' '' '' '' quasi permanente (mm) - '' '' = 0.2 mm

ARMATURA INFERIORE ORIZZONTALE

		COMBINAZIONE RARA					COMBINAZIONE FREQUENTE					COMBINAZIONE QUASI PERMANENTE				
GUSCI	Af	Afc	Mom	Nor	c	f	wkR	Mom	Nor	c	f	wkF	Mom	Nor	c	f	wkP
6730	10.26	10.26	24	9	0.00	56.	0.005	18	7	0.00	44.	0.004	17	6	0.00	40.	0.003
6731	10.26	10.26	12	4	0.00	26.	0.002	8	3	0.00	20.	0.002	8	3	0.00	19.	0.002
6732	10.26	10.26	8	2	0.00	12.	0.001	7	1	0.00	10.	0.001	6	1	0.00	9.	0.001
6733	10.26	10.26	9	1	0.07	9.	0.001	7	1	0.05	7.	0.001	7	1	0.05	7.	0.000
6734	10.26	10.26	9	1	0.08	8.	0.001	7	1	0.06	7.	0.000	7	1	0.06	6.	0.000
6735	10.26	10.26	8	1	0.06	8.	0.001	6	1	0.04	6.	0.000	6	1	0.04	6.	0.000
6736	10.26	10.26	6	1	0.03	6.	0.000	4	1	0.01	5.	0.000	4	0.	0.02	5.	0.000
6737	10.26	10.26	3	1	0.00	4.	0.000	2	0.	0.00	3.	0.000	2	0.	0.00	3.	0.000
6738	10.26	10.26	0.	0.	0.00	2.	0.000	0.	0.	0.00	1.	0.000	0.	0.	0.00	1.	0.000
6739	10.26	10.26	31	2	0.33	24.	0.001	23	1	0.24	18.	0.001	22	1	0.24	17.	0.001
6740	10.26	10.26	15	4	0.00	26.	0.002	11	3	0.00	21.	0.002	11	3	0.00	19.	0.001
6741	10.26	10.26	11	3	0.00	18.	0.001	8	2	0.00	15.	0.001	8	2	0.00	13.	0.001
6742	10.26	10.26	10	2	0.00	15.	0.001	8	2	0.00	12.	0.001	7	1	0.00	11.	0.001
6743	10.26	10.26	8	2	0.00	13.	0.001	6	1	0.00	10.	0.001	6	1	0.00	9.	0.001
6744	10.26	10.26	5	2	0.00	11.	0.001	4	1	0.00	9.	0.001	3	1	0.00	8.	0.001
6745	10.26	10.26	1	2	0.00	9.	0.001	1	1	0.00	7.	0.001	1	1	0.00	6.	0.001
6746	10.26	10.26	0.	2	0.00	7.	0.001	0.	1	0.00	6.	0.001	0.	1	0.00	5.	0.000
6747	10.26	10.26	0.	1	0.00	6.	0.001	0.	1	0.00	5.	0.000	0.	1	0.00	4.	0.000
6748	10.26	10.26	27	3	0.16	28.	0.002	20	2	0.09	21.	0.001	20	2	0.12	20.	0.001
6749	10.26	10.26	10	1	0.10	8.	0.001	7	0.	0.07	6.	0.000	8	0.	0.08	6.	0.000
6750	10.26	10.26	8	1	0.00	11.	0.001	6	1	0.00	8.	0.001	6	1	0.00	8.	0.001
6751	10.26	10.26	7	2	0.00	13.	0.001	6	2	0.00	11.	0.001	5	1	0.00	10.	0.001
6752	10.26	10.26	4	2	0.00	12.	0.001	3	2	0.00	10.	0.001	3	2	0.00	9.	0.001
6753	10.26	10.26	0.	2	0.00	10.	0.001	0.	2	0.00	9.	0.001	0.	2	0.00	8.	0.001
6754	10.26	10.26	0.	2	0.00	11.	0.001	0.	2	0.00	9.	0.001	0.	2	0.00	8.	0.001
6755	10.26	10.26	0.	2	0.00	11.	0.001	0.	2	0.00	9.	0.001	0.	2	0.00	8.	0.001
6756	10.26	10.26	0.	2	0.00	11.	0.001	0.	2	0.00	9.	0.001	0.	2	0.00	8.	0.001
6757	10.26	10.26	23	1	0.25	17.	0.001	16	1	0.17	13.	0.001	17	1	0.18	12.	0.001
6758	10.26	10.26	2	-1	0.06	-1.	0.000	0.	-1	0.04	-1.	0.000	1	-1	0.04	0.	0.000
6759	10.26	10.26	2	-1	0.04	0.	0.000	2	-1	0.04	0.	0.000	2	0.	0.03	0.	0.000
6760	10.26	10.26	2	0.	0.00	3.	0.000	1	0.	0.00	2.	0.000	1	0.	0.00	2.	0.000
6761	10.26	10.26	0.	1	0.00	5.	0.000	0.	1	0.00	4.	0.000	0.	1	0.00	4.	0.000
6762	10.26	10.26	0.	1	0.00	7.	0.001	0.	1	0.00	5.	0.000	0.	1	0.00	5.	0.000
6763	10.26	10.26	0.	2	0.00	9.	0.001	0.	1	0.00	7.	0.001	0.	1	0.00	6.	0.001
6764	10.26	10.26	0.	2	0.00	11.	0.001	0.	2	0.00	9.	0.001	0.	2	0.00	8.	0.001
6765	10.26	10.26	0.	3	0.00	13.	0.001	0.	2	0.00	11.	0.001	0.	2	0.00	9.	0.001
6766	10.26	10.26	16	-2	0.21	0.	0.000	10	-2	0.15	0.	0.000	11	-2	0.15	0.	0.000
6767	10.26	10.26	0.	-2	0.06	-1.	0.000	0.	-1	0.05	-1.	0.000	0.	-1	0.04	-1.	0.000
6768	10.26	10.26	0.	-1	0.03	0.	0.000	0.	-1	0.03	0.	0.000	0.	-1	0.02	0.	0.000
6769	10.26	10.26	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
6770	10.26	10.26	0.	0.	0.00	2.	0.000	0.	0.	0.00	2.	0.000	0.	0.	0.00	2.	0.000
6771	10.26	10.26	0.	1	0.00	3.	0.000	0.	1	0.00	3.	0.000	0.	0.	0.00	2.	0.000
6772	10.26	10.26	0.	1	0.00	5.	0.000	0.	1	0.00	4.	0.000	0.	1	0.00	4.	0.000
6773	10.26	10.26	0.	2	0.00	8.	0.001	0.	1	0.00	7.	0.001	0.	1	0.00	6.	0.001
6774	10.26	10.26	0.	3	0.00	12.	0.001	0.	2	0.00	10.	0.001	0.	2	0.00	9.	0.001
6775	10.26	10.26	0.	-1	0.05	-1.	0.000	0.	-1	0.05	-1.	0.000	0.	-1	0.04	-1.	0.000
6776	10.26	10.26	0.	-1	0.05	-1.	0.000	0.	0.	0.00	0.	0.000	0.	-1	0.03	-1.	0.000
6777	10.26	10.26	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
6778	10.26	10.26	0.	0.	0.00	2.	0.000	0.	0.	0.00	2.	0.000	0.	0.	0.00	2.	0.000
6779	10.26	10.26	0.	1	0.00	4.	0.000	0.	1	0.00	3.	0.000	0.	1	0.00	3.	0.000
6780	10.26	10.26	0.	1	0.00	5.	0.000	0.	1	0.00	4.	0.000	0.	1	0.00	4.	0.000
6781	10.26	10.26	0.	1	0.00	7.	0.001	0.	1	0.00	6.	0.001	0.	1	0.00	5.	0.000
6782	10.26	10.26	0.	2	0.00	10.	0.001	0.	2	0.00	9.	0.001	0.	1	0.00	7.	0.001
6783	10.26	10.26	0.	3	0.00	14.	0.001	0.	2	0.00	11.	0.001	0.	2	0.00	10.	0.001

ARMATURA INFERIORE VERTICALE

		COMBINAZIONE RARA					COMBINAZIONE FREQUENTE					COMBINAZIONE QUASI PERMANENTE				
GUSCI	Af	Afc	Mom	Nor	c	f	wkR	Mom	Nor	c	f	wkF	Mom	Nor	c	f	wkP
6730	10.26	10.26	115	16	0.00	139.	0.010	85	13	0.00	109.	0.008	84	12	0.00	100.	0.007
6731	10.26	10.26	63	11	0.00	86.	0.006	46	9	0.00	67.	0.005	46	8	0.00	62.	0.005
6732	10.26	10.26	37	8	0.00	57.	0.004	27	6	0.00	45.	0.003	27	5	0.00	40.	0.003
6733	10.26	10.26	22	6	0.00	40.	0.003	16	5	0.00	32.	0.003	16	4	0.00	28.	0.002
6734	10.26	10.26	12	5	0.00	28.	0.002	9	4	0.00	23.	0.002	9	3	0.00	20.	0.002
6735	10.26	10.26	5	3	0.00	18.	0.002	4	3	0.00	15.	0.001	4	2	0.00	12.	0.001
6736	10.26	10.26	1	2	0.00	10.	0.001	0.	2	0.00	8.	0.001	0.	1	0.00	6.	0.001
6737	10.26	10.26	0.	1	0.00	4.	0.000	0.	1	0.00	3.	0.000	0.	0.	0.00	2.	0.000
6738	10.26	10.26	1	0.	0.01	0.	0.000	0.	0.	0.01	0.	0.000	0.	0.	0.01	0.	0.000
6739	10.26	10.26	102	-3	1.38	37.	0.002	75	-2	1.01	26.	0.001	74	-2	1.00	26.	0.001
6740	10.26	10.26	54	3	0.59	40.	0.002	39	2	0.41	30.	0.002	39	2	0.44	28.	0.002
6741	10.26	10.26	32	4	0.08	36.	0.003	24	3	0.00	28.	0.002	23	3	0.08	26.	0.002
6742	10.26	10.26	20	4	0.00	29.	0.002	15	3	0.00	23.	0.002	15	3	0.00	21.	0.002
6743	10.26	10.26	12	3	0.00	22.	0.002	9	3	0.00	17.	0.001	8	2	0.00	15.	0.001
6744	10.26	10.26	6	3	0.00	16.	0.001	4	2	0.00	12.	0.001	4	2	0.00	11.	0.001
6745	10.26	10.26	2	2	0.00	10.	0.001	2	1	0.00	8.	0.001	2	1	0.00	7.	0.001
6746	10.26	10.26	0.	1	0.00	5.	0.000	0.	1	0.00	4.	0.000	0.	1	0.00	3.	0.000
6747	10.26	10.26	1	0.	0.00	1.	0.000	1	0.	0.00	1.	0.000	1	0.	0.01	0.	0.000
6748	10.26	10.26	83	0.	1.08	42.	0.002	60	0.	0.78	29.	0.001	60	0.	0.78	30.	0.001
6749	10.26	10.26	41	-1	0.56	14.	0.001	29	-1	0.40	9.	0.000	30	-1	0.41	10.	0.000
6750	10.26	10.26	26	0.	0.34	14.	0.001	20	0.	0.25	10.	0.000	19	0.	0.25	10.	0.000
6751	10.26	10.26	18	1	0.19	14.	0.001	14	1	0.14	11.	0.001	13	1	0.14	10.	0.001
6752	10.26	10.26	12	1	0.08	12.	0.001	9	1	0.06	9.	0.001	9	1	0.07	8.	0.001
6753	10.26	10.26	8	1	0.00	10.	0.001	6	1	0.00	7.	0.001	6	1	0.01	6.	0.000
6754	10.26	10.26	2	1	0.00	6.	0.001	2	1	0.00	5.	0.000	1	1	0.00	4.	0.000
6755	10.26	10.26	0.	1	0.00	4.	0.000	0.	1	0.00	3.	0.000	0.	0.	0.00	2.	0.000
6756	10.26	10.26	1	0.	0.00	2.	0.000	1	0.	0.01	1.	0.000	1	0.	0.01	1.	0.000
6757	10.26	10.26	63	0.	0.81	34.	0.002	44	0.	0.57	23.	0.001	46	0.	0.59	24.	0.001
6758	10.26	10.26	24	-3	0.33	2.	0.000	17	-3	0.24	1.	0.000	18	-2	0.24	1.	0.000
6759	10.26	10.26	20	-3	0.28	1.	0.000	15	-2	0.21	0.	0.000	15	-2	0.20	1.	0.000
6760	10.26	10.26	17	-2	0.23	1.	0.000	13	-2	0.18	0.	0.000	12	-2	0.17	1.	0.000

6761	10.26	10.26	13	-2	0.18	1.	0.000	10	-1	0.14	0.	0.000	9	-1	0.13	1.	0.000
6762	10.26	10.26	6	-1	0.09	0.	0.000	5	-1	0.07	0.	0.000	4	-1	0.06	0.	0.000
6763	10.26	10.26	1	0.	0.02	0.	0.000	1	0.	0.02	0.	0.000	1	0.	0.02	0.	0.000
6764	10.26	10.26	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.01	0.	0.000
6765	10.26	10.26	1	0.	0.02	0.	0.000	1	0.	0.01	0.	0.000	1	0.	0.01	0.	0.000
6766	10.26	10.26	31	-4	0.42	3.	0.000	19	-3	0.27	0.	0.000	23	-3	0.30	2.	0.000
6767	10.26	10.26	11	-6	0.31	-2.	0.000	8	-5	0.25	-2.	0.000	8	-5	0.23	-2.	0.000
6768	10.26	10.26	11	-7	0.34	-3.	0.000	9	-6	0.29	-3.	0.000	8	-5	0.25	-2.	0.000
6769	10.26	10.26	11	-6	0.32	-2.	0.000	9	-6	0.27	-2.	0.000	8	-5	0.23	-2.	0.000
6770	10.26	10.26	9	-5	0.26	-2.	0.000	8	-4	0.22	-2.	0.000	7	-4	0.19	-1.	0.000
6771	10.26	10.26	6	-4	0.18	-1.	0.000	5	-3	0.15	-1.	0.000	4	-3	0.13	-1.	0.000
6772	10.26	10.26	2	-2	0.10	-1.	0.000	1	-2	0.09	-1.	0.000	1	-2	0.07	-1.	0.000
6773	10.26	10.26	0.	-1	0.05	-1.	0.000	0.	-1	0.04	-1.	0.000	0.	-1	0.04	-1.	0.000
6774	10.26	10.26	1	-1	0.03	0.	0.000	1	-1	0.03	0.	0.000	1	-1	0.03	0.	0.000
6775	10.26	10.26	0.	-15	0.55	-8.	0.000	0.	-13	0.47	-7.	0.000	0.	-11	0.40	-6.	0.000
6776	10.26	10.26	0.	-15	0.54	-8.	0.000	0.	-13	0.46	-7.	0.000	0.	-11	0.39	-6.	0.000
6777	10.26	10.26	1	-13	0.46	-7.	0.000	0.	-11	0.38	-6.	0.000	1	-9	0.33	-5.	0.000
6778	10.26	10.26	4	-9	0.35	-4.	0.000	3	-8	0.30	-4.	0.000	3	-7	0.26	-3.	0.000
6779	10.26	10.26	6	-6	0.27	-3.	0.000	5	-5	0.24	-2.	0.000	4	-5	0.20	-2.	0.000
6780	10.26	10.26	6	-4	0.20	-2.	0.000	5	-4	0.17	-1.	0.000	4	-3	0.14	-1.	0.000
6781	10.26	10.26	3	-2	0.11	-1.	0.000	3	-2	0.10	-1.	0.000	2	-2	0.08	-1.	0.000
6782	10.26	10.26	0.	-1	0.03	0.	0.000	0.	-1	0.03	0.	0.000	0.	-1	0.02	0.	0.000
6783	10.26	10.26	2	0.	0.03	0.	0.000	2	0.	0.03	0.	0.000	2	0.	0.02	0.	0.000

ARMATURA SUPERIORE ORIZZONTALE

			COMBINAZIONE RARA					COMBINAZIONE FREQUENTE					COMBINAZIONE QUASI PERMANENTE				
GUSCI	Af	Afc	Mom	Nor	σc	σf	WkR	Mom	Nor	σc	σf	WkF	Mom	Nor	σc	σf	WkP
6730	10.26	10.26	0.	9	0.00	43.	0.004	0.	7	0.00	35.	0.003	0.	6	0.00	31.	0.003
6731	10.26	10.26	0.	4	0.00	20.	0.002	0.	3	0.00	16.	0.001	0.	3	0.00	15.	0.001
6732	10.26	10.26	0.	2	0.00	8.	0.001	0.	1	0.00	6.	0.001	0.	1	0.00	6.	0.001
6733	10.26	10.26	2	1	0.00	5.	0.000	2	1	0.00	5.	0.000	1	1	0.00	4.	0.000
6734	10.26	10.26	9	1	0.07	8.	0.001	7	1	0.05	7.	0.000	7	1	0.05	6.	0.000
6735	10.26	10.26	11	1	0.10	9.	0.001	8	1	0.07	7.	0.000	8	1	0.07	6.	0.000
6736	10.26	10.26	11	1	0.11	9.	0.001	8	1	0.08	7.	0.000	8	0.	0.08	6.	0.000
6737	10.26	10.26	10	1	0.10	8.	0.000	8	0.	0.08	6.	0.000	7	0.	0.08	5.	0.000
6738	10.26	10.26	9	0.	0.11	6.	0.000	7	0.	0.08	4.	0.000	7	0.	0.08	4.	0.000
6739	10.26	10.26	0.	2	0.00	8.	0.001	0.	1	0.00	7.	0.001	0.	1	0.00	6.	0.001
6740	10.26	10.26	0.	4	0.00	19.	0.002	0.	3	0.00	15.	0.001	0.	3	0.00	14.	0.001
6741	10.26	10.26	0.	3	0.00	13.	0.001	0.	2	0.00	10.	0.001	0.	2	0.00	9.	0.001
6742	10.26	10.26	5	2	0.00	12.	0.001	5	2	0.00	10.	0.001	4	1	0.00	9.	0.001
6743	10.26	10.26	13	2	0.00	15.	0.001	10	1	0.00	12.	0.001	9	1	0.00	11.	0.001
6744	10.26	10.26	17	2	0.10	17.	0.001	13	1	0.06	14.	0.001	12	1	0.08	12.	0.001
6745	10.26	10.26	19	2	0.14	18.	0.001	14	1	0.10	14.	0.001	14	1	0.11	13.	0.001
6746	10.26	10.26	20	2	0.18	17.	0.001	15	1	0.12	14.	0.001	14	1	0.13	13.	0.001
6747	10.26	10.26	21	1	0.21	16.	0.001	16	1	0.15	13.	0.001	15	1	0.16	12.	0.001
6748	10.26	10.26	0.	3	0.00	14.	0.001	0.	2	0.00	11.	0.001	0.	2	0.00	10.	0.001
6749	10.26	10.26	0.	1	0.00	3.	0.000	0.	0.	0.00	2.	0.000	0.	0.	0.00	2.	0.000
6750	10.26	10.26	0.	1	0.00	7.	0.001	1	1	0.00	6.	0.000	0.	1	0.00	5.	0.000
6751	10.26	10.26	15	2	0.04	17.	0.001	12	2	0.02	14.	0.001	11	1	0.03	12.	0.001
6752	10.26	10.26	22	2	0.17	22.	0.001	17	2	0.12	17.	0.001	16	2	0.12	16.	0.001
6753	10.26	10.26	27	2	0.24	24.	0.002	21	2	0.17	19.	0.001	20	2	0.18	17.	0.001
6754	10.26	10.26	30	2	0.29	26.	0.002	23	2	0.21	20.	0.001	22	2	0.21	19.	0.001
6755	10.26	10.26	33	2	0.32	27.	0.002	25	2	0.23	21.	0.001	24	2	0.23	19.	0.001
6756	10.26	10.26	34	2	0.34	28.	0.002	26	2	0.25	22.	0.001	25	2	0.25	20.	0.001
6757	10.26	10.26	0.	1	0.00	5.	0.000	0.	1	0.00	4.	0.000	0.	1	0.00	4.	0.000
6758	10.26	10.26	0.	-1	0.05	-1.	0.000	0.	-1	0.04	-1.	0.000	0.	-1	0.03	-1.	0.000
6759	10.26	10.26	15	-1	0.21	5.	0.000	13	-1	0.17	4.	0.000	11	0.	0.15	3.	0.000
6760	10.26	10.26	29	0.	0.36	17.	0.001	22	0.	0.28	13.	0.001	21	0.	0.26	12.	0.001
6761	10.26	10.26	37	1	0.44	23.	0.001	28	1	0.34	18.	0.001	27	1	0.32	17.	0.001
6762	10.26	10.26	42	1	0.50	27.	0.002	32	1	0.38	21.	0.001	31	1	0.36	20.	0.001
6763	10.26	10.26	46	2	0.52	31.	0.002	35	1	0.40	24.	0.001	33	1	0.38	22.	0.001
6764	10.26	10.26	49	2	0.54	35.	0.002	37	2	0.40	27.	0.002	35	2	0.40	25.	0.002
6765	10.26	10.26	51	3	0.54	39.	0.002	39	2	0.40	30.	0.002	37	2	0.40	27.	0.002
6766	10.26	10.26	12	-2	0.01	-2.	0.000	11	-2	0.01	-2.	0.000	8	-2	0.00	-2.	0.000
6767	10.26	10.26	14	-2	0.18	1.	0.000	13	-1	0.17	1.	0.000	10	-1	0.14	1.	0.000
6768	10.26	10.26	36	-1	0.48	13.	0.001	27	-1	0.37	10.	0.000	26	-1	0.35	10.	0.000
6769	10.26	10.26	47	0.	0.61	23.	0.001	36	0.	0.46	17.	0.001	34	0.	0.44	17.	0.001
6770	10.26	10.26	54	0.	0.69	29.	0.001	41	0.	0.52	22.	0.001	39	0.	0.50	21.	0.001
6771	10.26	10.26	59	1	0.75	32.	0.002	45	1	0.56	25.	0.001	43	0.	0.54	24.	0.001
6772	10.26	10.26	64	1	0.80	36.	0.002	48	1	0.60	28.	0.001	46	1	0.58	26.	0.001
6773	10.26	10.26	69	2	0.84	42.	0.002	53	1	0.63	33.	0.002	50	1	0.61	30.	0.002
6774	10.26	10.26	73	3	0.85	48.	0.003	56	2	0.64	38.	0.002	53	2	0.62	35.	0.002
6775	10.26	10.26	25	-1	0.34	6.	0.000	18	-1	0.24	3.	0.000	17	-1	0.23	4.	0.000
6776	10.26	10.26	49	-1	0.66	18.	0.001	38	0.	0.49	18.	0.001	37	-1	0.50	14.	0.001
6777	10.26	10.26	62	0.	0.80	30.	0.001	46	0.	0.60	22.	0.001	45	0.	0.59	22.	0.001
6778	10.26	10.26	67	0.	0.86	35.	0.002	50	0.	0.64	26.	0.001	49	0.	0.63	26.	0.001
6779	10.26	10.26	71	1	0.90	39.	0.002	53	1	0.66	29.	0.001	52	1	0.65	28.	0.001
6780	10.26	10.26	76	1	0.96	42.	0.002	57	1	0.71	32.	0.002	55	1	0.70	31.	0.002
6781	10.26	10.26	85	1	1.05	49.	0.003	64	1	0.80	37.	0.002	62	1	0.77	35.	0.002
6782	10.26	10.26	95	2	1.17	57.	0.003	73	2	0.89	45.	0.002	69	1	0.85	41.	0.002
6783	10.26	10.26	103	3	1.24	65.	0.004	80	2	0.95	51.	0.003	75	2	0.90	46.	0.003

ARMATURA SUPERIORE VERTICALE

			COMBINAZIONE RARA					COMBINAZIONE FREQUENTE					COMBINAZIONE QUASI PERMANENTE				
GUSCI	Af	Afc	Mom	Nor	σc	σf	WkR	Mom	Nor	σc	σf	WkF	Mom	Nor	σc	σf	WkP
6730	10.26	10.26	0.	16	0.00	80.	0.007	0.	13	0.00	65.	0.006	0.	12	0.00	57.	0.005
6731	10.26	10.26	0.	11	0.00	54.	0.005	0.	9	0.00	44.	0.004	0.	8	0.00	38.	0.003
6732	10.26	10.26	0.	8	0.00	38.	0.003	0.	6	0.00	31.	0.003	0.	5	0.00	27.	0.002
6733	10.26	10.26	0.	6	0.00	29.	0.003	0.	5	0.00	24.	0.002	0.	4	0.00	20.	0.002
6734	10.26	10.26	7	5	0.00	26.	0.002	6	4	0.00	21.	0.002	6	3	0.00	18.	0.002
6735	10.26	10.26	15	3	0.00	23.	0.002	12	3	0.00	19.	0.001	11	2	0.00	16.	0.001
6736	10.26	10.26	17	2	0.08	18.	0.001	13	2	0.05	14.	0.001	12	1	0.08	12.	0.001
6737	10.26	10.26	14	1	0.15	11.	0.001	11	1	0.12	8.	0.001	10	0.	0.12	7.	0.000
6738	10.26	10.26	8	0.	0.10	3.	0.000	6	0.	0.08	2.	0.000	6	0.	0.08	2.	0.000
6739	10.26	10.26	0.	-3	0.11	-2.	0.000	0.	-2	0.09	-1.	0.000	0.	-2	0.08	-1.	0.000
6740	10.26	10.26	0.	3	0.00	13.	0.001	0.	2	0.00	10.	0.001	0.	2	0.00	9.	0.001
6741	10.26	10.26	0.	4	0.00	20.	0.002	0.	3	0.00	16.	0.001	0.	3	0.00	14.	0.001
6742	10.26	10.26	0.	4	0.00	19.	0.002	0.	3	0.00	15.	0.001	0.	3	0.00	13.	0.001
6743	10.26	10.26	10	3	0.00	21.	0.002	8	3	0.00	17.	0.001	7	2	0.00	15.	0.001
6744	10.26	10.26	16	3	0.00	21.	0.002	13	2	0.00	17.	0.001	12	2	0.00	15.	0.001

6745	10.26	10.26	18	2	0.11	18. 0.001	14	1	0.08	14. 0.001	13	1	0.10	12. 0.001
6746	10.26	10.26	15	1	0.15	13. 0.001	12	1	0.11	10. 0.001	11	1	0.12	8. 0.001
6747	10.26	10.26	10	0.	0.12	6. 0.000	8	0.	0.10	4. 0.000	7	0.	0.09	4. 0.000
6748	10.26	10.26	0.	0.	0.00	0. 0.000	0.	0.	0.00	0. 0.000	0.	0.	0.00	0. 0.000
6749	10.26	10.26	0.	-1	0.05	-1. 0.000	0.	-1	0.04	-1. 0.000	0.	-1	0.04	-1. 0.000
6750	10.26	10.26	0.	0.	0.00	1. 0.000	0.	0.	0.00	0. 0.000	0.	0.	0.00	0. 0.000
6751	10.26	10.26	5	1	0.00	8. 0.001	5	1	0.00	6. 0.000	4	1	0.00	5. 0.000
6752	10.26	10.26	15	1	0.13	14. 0.001	12	1	0.10	10. 0.001	11	1	0.10	9. 0.001
6753	10.26	10.26	20	1	0.20	15. 0.001	15	1	0.15	12. 0.001	14	1	0.15	11. 0.001
6754	10.26	10.26	20	1	0.22	15. 0.001	16	1	0.17	12. 0.001	15	1	0.17	10. 0.001
6755	10.26	10.26	18	1	0.21	13. 0.001	14	1	0.16	10. 0.001	13	0.	0.16	9. 0.000
6756	10.26	10.26	13	0.	0.17	8. 0.000	10	0.	0.13	6. 0.000	10	0.	0.13	5. 0.000
6757	10.26	10.26	0.	0.	0.00	2. 0.000	0.	0.	0.00	1. 0.000	0.	0.	0.00	1. 0.000
6758	10.26	10.26	0.	-3	0.10	-2. 0.000	0.	-3	0.09	-1. 0.000	0.	-2	0.08	-1. 0.000
6759	10.26	10.26	1	-3	0.09	-2. 0.000	2	-2	0.07	-1. 0.000	1	-2	0.07	-1. 0.000
6760	10.26	10.26	15	-2	0.20	0. 0.000	12	-2	0.17	0. 0.000	11	-2	0.15	0. 0.000
6761	10.26	10.26	21	-2	0.29	4. 0.000	16	-1	0.22	2. 0.000	16	-1	0.21	3. 0.000
6762	10.26	10.26	24	-1	0.33	8. 0.000	18	-1	0.25	5. 0.000	18	-1	0.24	5. 0.000
6763	10.26	10.26	24	0.	0.32	10. 0.000	18	0.	0.25	7. 0.000	18	0.	0.24	7. 0.000
6764	10.26	10.26	22	0.	0.29	11. 0.001	17	0.	0.22	8. 0.000	16	0.	0.21	7. 0.000
6765	10.26	10.26	18	0.	0.23	8. 0.000	14	0.	0.18	6. 0.000	13	0.	0.17	6. 0.000
6766	10.26	10.26	0.	-4	0.13	-2. 0.000	0.	-3	0.11	-2. 0.000	0.	-3	0.09	-1. 0.000
6767	10.26	10.26	0.	-6	0.22	-3. 0.000	1	-5	0.18	-3. 0.000	0.	-5	0.16	-2. 0.000
6768	10.26	10.26	17	-7	0.12	-5. 0.000	13	-6	0.11	-4. 0.000	12	-5	0.09	-4. 0.000
6769	10.26	10.26	25	-6	0.03	-6. 0.000	19	-6	0.05	-5. 0.000	18	-5	0.02	-4. 0.000
6770	10.26	10.26	28	-5	0.04	-5. 0.000	21	-4	0.01	-4. 0.000	21	-4	0.03	-4. 0.000
6771	10.26	10.26	29	-4	0.39	2. 0.000	22	-3	0.30	1. 0.000	21	-3	0.29	1. 0.000
6772	10.26	10.26	29	-2	0.39	5. 0.000	22	-2	0.30	3. 0.000	21	-2	0.29	3. 0.000
6773	10.26	10.26	28	-1	0.38	8. 0.000	22	-1	0.29	5. 0.000	20	-1	0.28	5. 0.000
6774	10.26	10.26	24	-1	0.32	9. 0.000	18	-1	0.25	6. 0.000	17	-1	0.23	6. 0.000
6775	10.26	10.26	35	-15	0.27	-11. 0.000	34	-13	0.20	-10. 0.000	26	-11	0.19	-8. 0.000
6776	10.26	10.26	20	-15	0.38	-10. 0.000	16	-13	0.33	-8. 0.000	15	-11	0.27	-7. 0.000
6777	10.26	10.26	30	-13	0.21	-9. 0.000	23	-11	0.20	-8. 0.000	22	-9	0.15	-7. 0.000
6778	10.26	10.26	33	-9	0.06	-8. 0.000	25	-8	0.08	-6. 0.000	24	-7	0.04	-6. 0.000
6779	10.26	10.26	34	-6	0.04	-6. 0.000	26	-5	0.01	-5. 0.000	25	-5	0.03	-5. 0.000
6780	10.26	10.26	35	-4	0.47	2. 0.000	27	-4	0.36	1. 0.000	26	-3	0.34	2. 0.000
6781	10.26	10.26	36	-2	0.49	8. 0.000	28	-2	0.38	5. 0.000	26	-2	0.36	5. 0.000
6782	10.26	10.26	36	-1	0.49	14. 0.001	28	-1	0.38	11. 0.000	26	-1	0.36	10. 0.000
6783	10.26	10.26	31	0.	0.41	15. 0.001	24	0.	0.32	11. 0.001	23	0.	0.30	10. 0.000

11.4 Verifica pali di fondazione

I pali di fondazione presentano diametro pari a 110 cm e lunghezza di 20.50 m. La seguente tabella riassume schematicamente tutte le verifiche eseguite nei vari casi di calcolo definiti. Per ciascuna verifica è indicato il confronto tra resistenza di calcolo Rd ed azione di calcolo Sd, ed il relativo coefficiente di sicurezza fs.

Tutti i Punti maglia (74), Tutti i casi (8), Tutti i sestetti (68)										
Caso	C.Port. [daN][f.s.]	Cedim. [mm]	R.Tras. [daN][f.s.]	Sp.Ori. [mm]	C.A.:M [daN*cm][f.s.]	C.A.:V [daN][f.s.]	C.A.:t.cls. [daN/cm2][f.s.]	C.A.:t.acc. [daN/cm2][f.s.]	C.A.:fes. [mm][f.s.]	C.A.:% a.lon. [][f.s.]
1: SLU SENZA SISMA	PM8-S1 422098/229812 = 1.84	- - -	PM7-S1 5882117/4008 = 1 467.62	- - -	PM7-S1 18153205/3476547 = 5.22	PM7-S1 77330/4008 = 19.29	- - -	- - -	- - -	- - -
2: SLU con SISMAX PRINC	PM8-S6 422098/141543 = 2.98	- - -	PM7-S1 5882117/5252 = 1 119.97	- - -	PM9-S2 11920937/6370173 = 1.87	PM7-S1 77330/5641 = 13.71	- - -	- - -	- - -	PM1-S1 1/0.3 = 3.17
3: SLU con SISMAY PRINC	PM16-S6 118752/100256 = 1.18	- - -	PM7-S1 5882117/3843 = 1 530.73	- - -	PM16-S6 5380743/3312322 = 1.62	PM7-S1 77330/3957 = 19.54	- - -	- - -	- - -	PM1-S1 1/0.3 = 3.17
4: SLU FON con SISMAX P	PM8-S6 422098/142850 = 2.95	- - -	PM7-S1 5882117/5563 = 1 057.38	- - -	PM9-S2 11979882/6868435 = 1.74	PM7-S1 77330/6005 = 12.88	- - -	- - -	- - -	PM1-S1 1/0.3 = 3.17
5: SLU FON con SISMAY P	PM16-S6 118752/115274 = 1.03	- - -	PM7-S1 5882117/3952 = 1 488.27	- - -	PM16-S6 4859701/3616179 = 1.34	PM9-S5 77330/4103 = 18.85	- - -	- - -	- - -	PM1-S1 1/0.3 = 3.17
6: Rara	- - -	PM8-S1 -14 (max -30)	- - -	PM10-S1 1 (max 30)	- - -	- - -	PM7-S1 150/25.1 = 5.97	PM7-S1 3600/347.2 = 10.37	- - -	- - -
7: Frequente	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	PM1-S1 0.3/0 = +Infinito	- - -
8: Quasi Perm	- - -	PM8-S1 -13 (max -40)	- - -	PM10-S1 0 (max 40)	- - -	- - -	PM7-S1 112.5/16.3 = 6.89	- - -	PM1-S1 0.2/0 = +Infinito	- - -
C.Port. = Capacità portante | Cedim. = Cedimento | R.Tras. = Resistenza trasversale | Sp.Ori. = Spostamento orizzontale | C.A.:M = C.A.: pressoflessione | C.A.:V = C.A.: taglio | C.A.:t.cls. = C.A.: Tens. limite cls | C.A.:t.acc. = C.A.: Tens. limite acciaio | C.A.:fes. = C.A.: apertura fessure | C.A.:% a.lon. = C.A.: % arm. longitudinale | - - - = Verifica non prevista										

11.4.1 Stratigrafia

La stratigrafia utilizzata per il calcolo è quella descritta nella relazione geotecnica di calcolo.

11.4.2 Calcolo della portata di base.

Metodo ***AGI*** per il calcolo della portata di base.

Lo strato in cui si immorsa la base del palo si estende da quota -1700 [cm] a quota -2300 [cm]. Segue il calcolo alla quota di base del palo, -2050 [cm].

La base del palo si trova alla quota z_b = -2050 [cm], e la profondità critica è z_c = -1320 [cm]. In questo caso la tensione verticale efficace viene calcolata alla quota critica. Il valori dell'angolo di resistenza al taglio ϕ'_k e della coesione efficace c'_k vengono ricavati dallo strato in cui si immorsa la base del palo. L'angolo di resistenza al taglio viene corretto secondo l'espressione $\varphi=\phi-3$. Il coefficiente N_q è calcolato secondo Vesic (1972, 1975, 1977). Il coefficiente N_c è calcolato secondo Reissner (1924). ϕ'_k = 31 [°]. c'_k = 0 [daN/cm^2]. N_c = 40.523. N_q = 22.547. σ'_v = 2.55 [daN/cm^2]. Il valore della capacità portante calcolato è pari a 57.4 [daN/cm^2].

L'area di base vale 9503.32 [cm^2].

La portata di base calcolata vale 545524.59 [daN]. Si applica ξ_{med}=1.70. Si applica γ_b=1.35. Portata di calcolo: $Q_{b,d}$ = **237701.35 [daN]** (s/D=**30.00%**).

11.4.3 Calcolo della portata laterale.

Il fusto del palo attraversa 5 strati.

11.4.3.1 Strato 1: Sabbie Ghiaiose

Metodo ***AGI*** per il calcolo della portata laterale.

Il palo attraversa questo strato da quota 0 [cm] a quota -300 [cm]. Segue il calcolo alla quota intermedia di -155 [cm].

La quota critica z_c vale -1100 [cm]. La quota di interesse (-155 [cm]) è al di sopra della profondità critica. L'angolo di resistenza al taglio φ'_k vale 30. Il coefficiente di attrito μ vale 0.577. Il coefficiente di spinta k vale 0.550. La tensione verticale efficace vale σ'_v = 0.17 [daN/cm^2]. L'attrito laterale calcolato vale 0.06 [daN/cm^2].

La portata laterale calcolata vale 8294.08 [daN] (5805.86 [daN]). Si applica ξ_{med}=1.70. Si applicano γ_s=1.15 e γ_{st}=1.25. Portate di calcolo: $Q_{sc,d}$ = **4242.5 [daN]** (s/D=**0.50%**). Qst,d = **2732.17 [daN]** (s/D=**0.50%**).

11.4.3.2 Strato 2: Ghiaie Sabbiose

Metodo ***AGI*** per il calcolo della portata laterale.

Il palo attraversa questo strato da quota -300 [cm] a quota -500 [cm]. Segue il calcolo alla quota intermedia di -400 [cm].

La quota critica z_c vale -1100 [cm]. La quota di interesse (-400 [cm]) è al di sopra della profondità critica. L'angolo di resistenza al taglio φ'_k vale 33. Il coefficiente di attrito μ vale 0.649. Il

coefficiente di spinta k vale 0.550. La tensione verticale efficace vale σ'_v = 0.8 [daN/cm^2]. L'attrito laterale calcolato vale 0.29 [daN/cm^2].

La portata laterale calcolata vale 19699.51 [daN] (13789.66 [daN]). Si applica ξ_{med}=1.70. Si applicano γ_s=1.15 e γ_{st}=1.25. Portate di calcolo: $Q_{sc,d}$ = **10076.48 [daN]** (s/D=**0.50%**). Qst,d = **6489.25 [daN]** (s/D=**0.50%**).

11.4.3.3 Strato 3: Sabbia medio fini/fini

Metodo ***AGI*** per il calcolo della portata laterale.
Il palo attraversa questo strato da quota -500 [cm] a quota -1200 [cm]. Segue il calcolo alla quota intermedia di -850 [cm].
La quota critica z_c vale -1100 [cm]. La quota di interesse (-850 [cm]) è al di sopra della profondità critica. L'angolo di resistenza al taglio φ'_k vale 30. Il coefficiente di attrito μ vale 0.577. Il coefficiente di spinta k vale 0.550. La tensione verticale efficace vale σ'_v = 1.65 [daN/cm^2]. L'attrito laterale calcolato vale 0.52 [daN/cm^2].
La portata laterale calcolata vale 125931.73 [daN] (88152.21 [daN]). Si applica ξ_{med}=1.70. Si applicano γ_s=1.15 e γ_{st}=1.25. Portate di calcolo: $Q_{sc,d}$ = **64415.21 [daN]** (s/D=**0.50%**). Qst,d = **41483.39 [daN]** (s/D=**0.50%**).

11.4.3.4 Strato 4: Sabbia

Metodo ***AGI*** per il calcolo della portata laterale.
Il palo attraversa questo strato da quota -1200 [cm] a quota -1700 [cm]. Segue il calcolo alla quota intermedia di -1450 [cm].
La quota critica z_c vale -1100 [cm]. La quota di interesse (-1450 [cm]) è al di sotto della profondità critica, perciò nei calcoli si usa z_c. L'angolo di resistenza al taglio φ'_k vale 31. Il coefficiente di attrito μ vale 0.601. Il coefficiente di spinta k vale 0.550. La tensione verticale efficace vale σ'_v = 2.13 [daN/cm^2]. L'attrito laterale calcolato vale 0.7 [daN/cm^2].
La portata laterale calcolata vale 121512.4 [daN] (85058.68 [daN]). Si applica ξ_{med}=1.70. Si applicano γ_s=1.15 e γ_{st}=1.25. Portate di calcolo: $Q_{sc,d}$ = **62154.68 [daN]** (s/D=**0.50%**). Qst,d = **40027.62 [daN]** (s/D=**0.50%**).

11.4.3.5 Strato 5: Sabbie Ghiaiose

Metodo ***AGI*** per il calcolo della portata laterale.
Il palo attraversa questo strato da quota -1700 [cm] a quota -2050 [cm]. Segue il calcolo alla quota intermedia di -1875 [cm].
La quota critica z_c vale -1100 [cm]. La quota di interesse (-1875 [cm]) è al di sotto della profondità critica, perciò nei calcoli si usa z_c. L'angolo di resistenza al taglio φ'_k vale 31. Il coefficiente di attrito μ vale 0.601. Il coefficiente di spinta k vale 0.550. La tensione verticale efficace vale σ'_v = 2.13 [daN/cm^2]. L'attrito laterale calcolato vale 0.7 [daN/cm^2].
La portata laterale calcolata vale 85058.68 [daN] (59541.08 [daN]). Si applica ξ_{med}=1.70. Si applicano γ_s=1.15 e γ_{st}=1.25. Portate di calcolo: $Q_{sc,d}$ = **43508.28 [daN]** (s/D=**0.50%**). Qst,d = **28019.33 [daN]** (s/D=**0.50%**).

11.4.3.5.1 Portata laterale totale

La portata di calcolo $Q_{sc,d}$ è **184397.14 [daN]**, $Q_{st,d}$ è **118751.76 [daN]**.

11.4.4 Portata totale (base + laterale)

La portata di calcolo $Q_{tc,d}$ è **422098.49 [daN]**, $Q_{tt,d}$ è **118751.76 [daN]**.

11.4.5 Calcolo del modulo di reazione orizzontale.

Il fusto del palo attraversa 5 strati.

11.4.5.1.1 Strato 1: Sabbie Ghiaiose

Metodo ***Lineare*** per il calcolo del modulo di reazione orizzontale.
Il palo attraversa questo strato da quota 0 [cm] a quota -300 [cm]. Segue il calcolo alla quota intermedia di -155 [cm].
L'approfondimento vale 155 [cm]. Il modulo di reazione orizzontale calcolato vale 11.5 [daN/cm^2].
Modulo di reazione orizzontale medio: $ks_{o,med}$ = **11.4 [daN/cm^3]**.

11.4.5.1.2 Strato 2: Ghiaie Sabbiose

Metodo ***Lineare*** per il calcolo del modulo di reazione orizzontale.
Il palo attraversa questo strato da quota -300 [cm] a quota -500 [cm]. Segue il calcolo alla quota intermedia di -400 [cm].
L'approfondimento vale 400 [cm]. Il modulo di reazione orizzontale calcolato vale 11.5 [daN/cm^2].
Modulo di reazione orizzontale medio: $ks_{o,med}$ = **11.5 [daN/cm^3]**.

11.4.5.1.3 Strato 3: Sabbia medio fini/fini

Metodo ***Lineare*** per il calcolo del modulo di reazione orizzontale.
Il palo attraversa questo strato da quota -500 [cm] a quota -1200 [cm]. Segue il calcolo alla quota intermedia di -850 [cm].
L'approfondimento vale 850 [cm]. Il modulo di reazione orizzontale calcolato vale 11.5 [daN/cm^2].
Modulo di reazione orizzontale medio: $ks_{o,med}$ = **11.5 [daN/cm^3]**.

11.4.5.1.4 Strato 4: Sabbia

Metodo ***Lineare*** per il calcolo del modulo di reazione orizzontale.
Il palo attraversa questo strato da quota -1200 [cm] a quota -1700 [cm]. Segue il calcolo alla quota intermedia di -1450 [cm].
L'approfondimento vale 1450 [cm]. Il modulo di reazione orizzontale calcolato vale 11.5 [daN/cm^2].
Modulo di reazione orizzontale medio: $ks_{o,med}$ = **11.5 [daN/cm^3]**.

11.4.5.1.5 Strato 5: Sabbie Ghiaiose

Metodo ***Lineare*** per il calcolo del modulo di reazione orizzontale.
Il palo attraversa questo strato da quota -1700 [cm] a quota -2050 [cm]. Segue il calcolo alla quota intermedia di -1875 [cm].
L'approfondimento vale 1875 [cm]. Il modulo di reazione orizzontale calcolato vale 11.5 [daN/cm^2].
Modulo di reazione orizzontale medio: $ks_{o,med}$ = **11.5 [daN/cm^3]**.

11.4.5.2 Calcolo della resistenza trasversale laterale.

Il fusto del palo attraversa 5 strati.

11.4.5.2.1 Strato 1: Sabbie Ghiaiose

Metodo ***Broms*** per il calcolo della resistenza trasversale laterale.
Il palo attraversa questo strato da quota 0 [cm] a quota -300 [cm]. Segue il calcolo alla quota intermedia di -155 [cm].
L'angolo di resistenza al taglio φ'_k vale 30. La tensione verticale efficace vale σ'_v = 0.17 [daN/cm^2]. La pressione limite laterale calcolata vale 1.56 [daN/cm^2].
La resistenza trasversale laterale calcolata vale 235076.33 [daN]. Si applica ξ_{med}=1.70. Si applica γ_{tr}=1.30.
Resistenza trasversale di calcolo: $R_{tr,d}$ = **106369.38 [daN]**.

11.4.5.2.2 Strato 2: Ghiaie Sabbiose

Metodo ***Broms*** per il calcolo della resistenza trasversale laterale.
Il palo attraversa questo strato da quota -300 [cm] a quota -500 [cm]. Segue il calcolo alla quota intermedia di -400 [cm].
L'angolo di resistenza al taglio φ'_k vale 33. La tensione verticale efficace vale σ'_v = 0.8 [daN/cm^2]. La pressione limite laterale calcolata vale 8.12 [daN/cm^2].
La resistenza trasversale laterale calcolata vale 561264.93 [daN]. Si applica ξ_{med}=1.70. Si applica γ_{tr}=1.30.
Resistenza trasversale di calcolo: $R_{tr,d}$ = **253966.03 [daN]**.

11.4.5.2.3 Strato 3: Sabbia medio fini/fini

Metodo ***Broms*** per il calcolo della resistenza trasversale laterale.
Il palo attraversa questo strato da quota -500 [cm] a quota -1200 [cm]. Segue il calcolo alla quota intermedia di -850 [cm].
L'angolo di resistenza al taglio φ'_k vale 30. La tensione verticale efficace vale σ'_v = 1.65 [daN/cm^2]. La pressione limite laterale calcolata vale 14.88 [daN/cm^2].
La resistenza trasversale laterale calcolata vale 3598785.49 [daN]. Si applica ξ_{med}=1.70. Si applica γ_{tr}=1.30.
Resistenza trasversale di calcolo: $R_{tr,d}$ = **1628409.72 [daN]**.

11.4.5.2.4 Strato 4: Sabbia

Metodo ***Broms*** per il calcolo della resistenza trasversale laterale.

Il palo attraversa questo strato da quota -1200 [cm] a quota -1700 [cm]. Segue il calcolo alla quota intermedia di -1450 [cm].
L'angolo di resistenza al taglio φ'_k vale 31. La tensione verticale efficace vale σ'_v = 2.79 [daN/cm^2]. La pressione limite laterale calcolata vale 26.18 [daN/cm^2].
La resistenza trasversale laterale calcolata vale 4522938.23 [daN]. Si applica ξ_{med}=1.70. Si applica γ_{tr}=1.30.
Resistenza trasversale di calcolo: $R_{tr,d}$ = **2046578.39 [daN]**.

11.4.5.2.5 Strato 5: Sabbie Ghiaiose

Metodo ***Broms*** per il calcolo della resistenza trasversale laterale.
Il palo attraversa questo strato da quota -1700 [cm] a quota -2050 [cm]. Segue il calcolo alla quota intermedia di -1875 [cm].
L'angolo di resistenza al taglio φ'_k vale 31. La tensione verticale efficace vale σ'_v = 3.6 [daN/cm^2]. La pressione limite laterale calcolata vale 33.74 [daN/cm^2].
La resistenza trasversale laterale calcolata vale 4081413.31 [daN]. Si applica ξ_{med}=1.70. Si applica γ_{tr}=1.30.
Resistenza trasversale di calcolo: $R_{tr,d}$ = **1846793.35 [daN]**.

11.4.5.2.6 Resistenza laterale totale

Per palo in grado di traslare rigidamente (meccanismo di palo "corto", assumendo che non via sia rottura strutturale), la resistenza laterale di calcolo $R_{tr,d}$ è **5882116.88 [daN]**. Per palo che ruota in testa (meccanismo di palo "intermedio" o "lungo", assumendo che non via sia rottura strutturale), la resistenza laterale di calcolo $R_{tr,d}$ è **1565984.19 [daN]**.

11.4.5.3 Curva di mobilitazione verticale

La curva di mobilitazione del palo è definita dalle seguenti coppie di valori, dove s è il cedimento, misurato in [cm], ed E_d è la sollecitazione di sforzo normale (comprensiva del peso proprio del palo), espressa in [daN].

	1	2	3	4
s	-24.44	-0.48	0	0.44
E_d	-422098.49	-189047.82	0	118751.76

Si riassume in seguito il valore di capacità portante per tutti i casi.

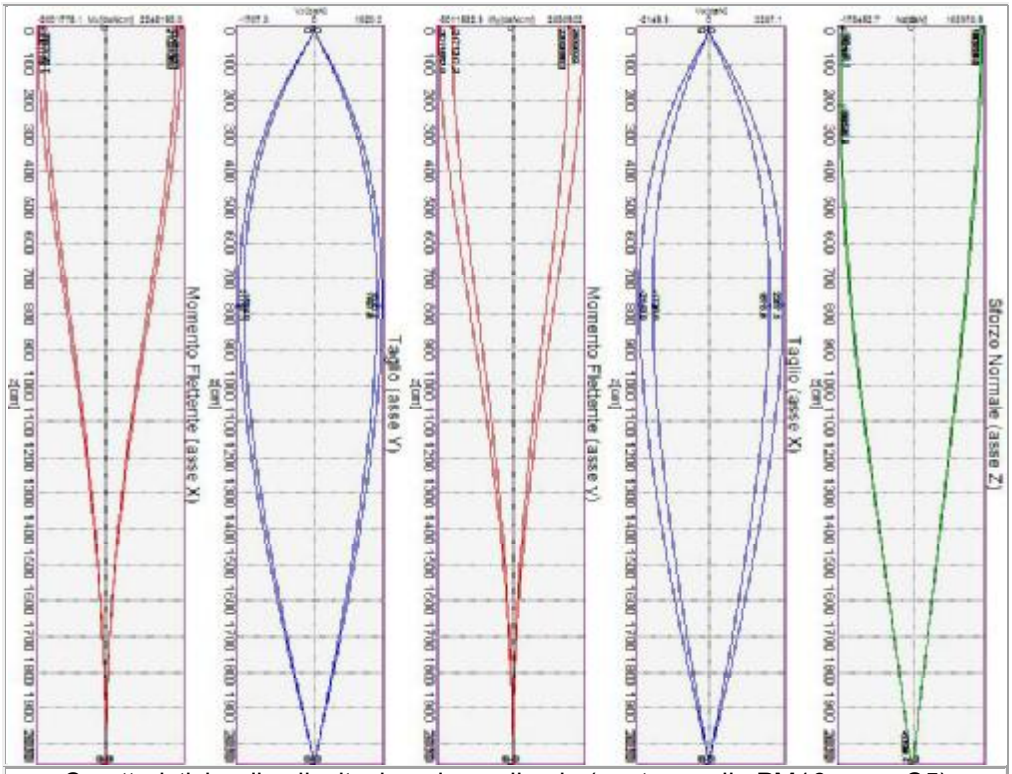
Caso	Qst[daN]	Qsc[daN]	Qbc[daN]	Qtt[daN]	Qtc[daN]
C1	118751.76	184397.14	237701.35	**118751.76**	**422098.49**
C2	118751.76	184397.14	237701.35	**118751.76**	**422098.49**
C3	118751.76	184397.14	237701.35	**118751.76**	**422098.49**
C4	118751.76	184397.14	237701.35	**118751.76**	**422098.49**
C5	118751.76	184397.14	237701.35	**118751.76**	**422098.49**
C6	252347.49	360496.41	545524.59	**252347.49**	**906021**
C7	252347.49	360496.41	545524.59	**252347.49**	**906021**
C8	252347.49	360496.41	545524.59	**252347.49**	**906021**
Qst = Portata Laterale in Trazione | Qsc = Portata Laterale in Compressione | Qbc = Portata di Base in Compressione | Qtt = Portata TOTALE in Trazione | Qtc = Portata TOTALE in Compressione					

12 CALCOLO DELLE SOLLECITAZIONI.

Si riporta di seguito il dettaglio delle sollecitazioni calcolate, solo per i punti maglia con i pali più sollecitati. Le caratteristiche di sollecitazione sono espresse nel sistema di riferimento locale del palo.

12.1 Casi a SLU

I massimi valori di **Sforzo Normale di compressione**, **Sforzo Normale di trazione**, si ottengono nel punto maglia **PM16**, nel caso di carico **C5** (Stato limite ultimo).



Caratteristiche di sollecitazione lungo il palo (punto maglia PM16, caso C5)

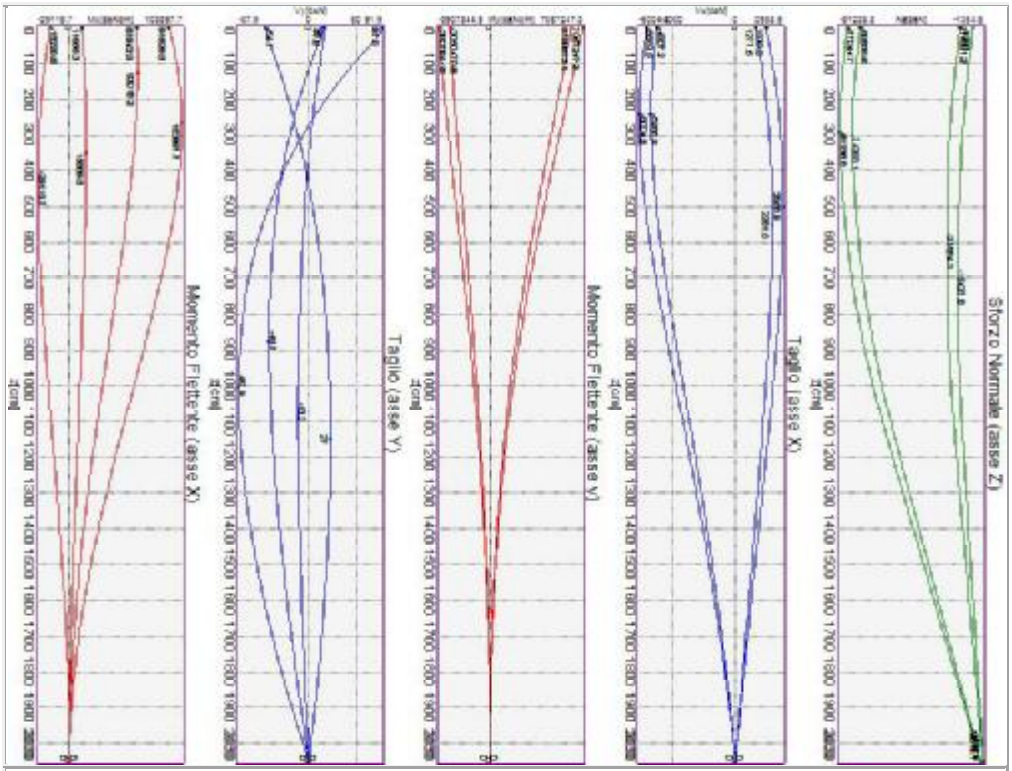
Azioni applicate in testa (punto maglia PM16, caso C5)					
N_z[daN]	V_x[daN]	V_y[daN]	M_x[daN*cm]	M_y[daN*cm]	T_z[daN*cm]
-170366.73÷163978.88	0	0	-2001778÷2248193	-3011583÷2830922	0

Caratteristiche di sollecitazione lungo il palo (punto maglia PM16, caso C5)			
z_{loc}[cm]	N_z[daN]	V_{xy}[daN]	M_{xy}[daN*cm]
0	-170366.73÷163978.88	0	3616179
0	-170366.73÷163978.88	0	3616179
25	-170935.5÷163370.57	109.77	3614795
50	-171454.07÷162733.73	318.2	3609422
75	-171922.69÷162068.57	515.8	3598975
100	-172341.58÷161375.32	702.86	3583720
125	-172710.98÷160654.21	879.67	3563918
150	-173031.13÷159905.44	1046.51	3539820
175	-173302.26÷159129.23	1203.66	3511673
190	-173441.52÷158650.44	1293.42	3492940
190	-173441.52÷158650.44	1293.42	3492940
215	-173452.66÷157728.24	1435.66	3458808
240	-173216.97÷156667.72	1568.93	3421232
265	-172899.68÷155562.07	1693.51	3380434
290	-172501.18÷154411.63	1809.68	3336627
300	-172319.14÷153939	1853.83	3318308
300	-172319.14÷153939	1853.83	3318308
325	-171736.05÷152686.38	1958.66	3270635
350	-170996.29÷151347.15	2055.69	3220440
375	-170166.69÷149958.84	2145.19	3167914
400	-169247.68÷148521.81	2227.43	3113241
425	-168239.68÷147036.43	2302.63	3056601
450	-167143.12÷145503.05	2371.05	2998166
475	-165958.41÷143922	2432.93	2938103
500	-164685.96÷142293.65	2488.51	2876572
500	-164685.96÷142293.65	2488.51	2876572

525	-163437.09÷140679.71	2538.02	2813728
550	-162216.77÷139082.87	2581.68	2749720
575	-160919.5÷137444.84	2619.7	2684691
600	-159545.61÷135765.89	2652.33	2618780
625	-158095.44÷134046.28	2679.75	2552118
650	-156569.32÷132286.3	2702.17	2484834
675	-154967.57÷130486.18	2719.81	2417050
700	-153290.49÷128646.18	2732.84	2348882
725	-151538.4÷126766.55	2741.46	2280444
750	-149711.59÷124847.5	2745.85	2211844
775	-147810.34÷122889.28	2746.2	2143185
875	-139465.51÷114668.09	2710.5	1869877
975	-129950.08÷105835.84	2622.87	1602815
1000	-127390.13÷103533.7	2593.91	1537600
1025	-124758.05÷101194.16	2562.4	1473141
1050	-122054.01÷98817.33	2528.45	1409500
1075	-119278.15÷96403.35	2492.16	1346738
1100	-116430.62÷93952.3	2453.66	1284911
1125	-113550.33÷91485.19	2413.04	1224073
1150	-110675.96÷89022.86	2370.41	1164276
1175	-107807.37÷86565.18	2325.87	1105568
1200	-104944.4÷84112.01	2279.48	1047998
1200	-104944.4÷84112.01	2279.48	1047998
1225	-102016.63÷81625.47	2231.37	991608
1250	-99024.13÷79105.59	2181.58	936443
1275	-96037.01÷76590.01	2130.21	882543
1300	-93055.1÷74078.59	2077.33	829945
1325	-90078.25÷71571.19	2023	778688
1350	-87106.29÷69067.68	1967.3	728807
1375	-84139.06÷66567.92	1910.26	680334
1400	-81176.4÷64071.78	1851.97	633304
1425	-78218.15÷61579.11	1792.45	587746
1450	-75264.15÷59089.79	1731.78	543691
1475	-72314.23÷56603.68	1669.99	501167
1500	-69368.24÷54120.64	1607.1	460201
1525	-66426.02÷51640.54	1543.2	420820
1550	-63487.41÷49163.25	1478.28	383049
1575	-60552.24÷46688.62	1412.38	346914
1600	-57620.36÷44216.54	1345.54	312438
1625	-54691.62÷41746.85	1277.78	279644
1650	-51765.84÷39279.43	1209.14	248556
1675	-48842.87÷36814.14	1139.61	219195
1700	-45922.56÷34350.86	1069.22	191583
1700	-45922.56÷34350.86	1069.22	191583
1725	-43004.74÷31889.43	998.01	165740
1750	-40089.25÷29429.74	925.96	141689
1775	-37175.95÷26971.65	853.11	119449
1800	-34264.66÷24515.03	779.45	99040
1825	-31355.23÷22059.73	705	80483
1850	-28447.5÷19605.63	629.76	63797
1875	-25541.33÷17152.6	553.74	49002
1900	-22636.53÷14700.5	476.94	36116
1925	-19732.97÷12249.2	399.37	25161
1950	-16830.48÷9798.56	321.03	16154
1975	-13928.9÷7348.45	241.93	9115

2000	-11028.08÷4898.75	162.06	4064
2025	-8127.86÷2449.31	81.41	1019
2050	-5228.08÷0	0	0

I massimi valori di **Taglio (in valore assoluto)**, **Momento flettente (in valore assoluto)**, si ottengono nel punto maglia **PM7**, nel caso di carico **C4** (Stato limite ultimo).



Caratteristiche di sollecitazione lungo il palo (punto maglia PM7, caso C4)

Azioni applicate in testa (punto maglia PM7, caso C4)					
N_z[daN]	V_x[daN]	V_y[daN]	M_x[daN*cm]	M_y[daN*cm]	T_z[daN*cm]
-77044.67÷-7093.02	-1933.27÷5562.9	-91.89÷54.09	-18230÷91829	-3907845÷7057247	-269÷9

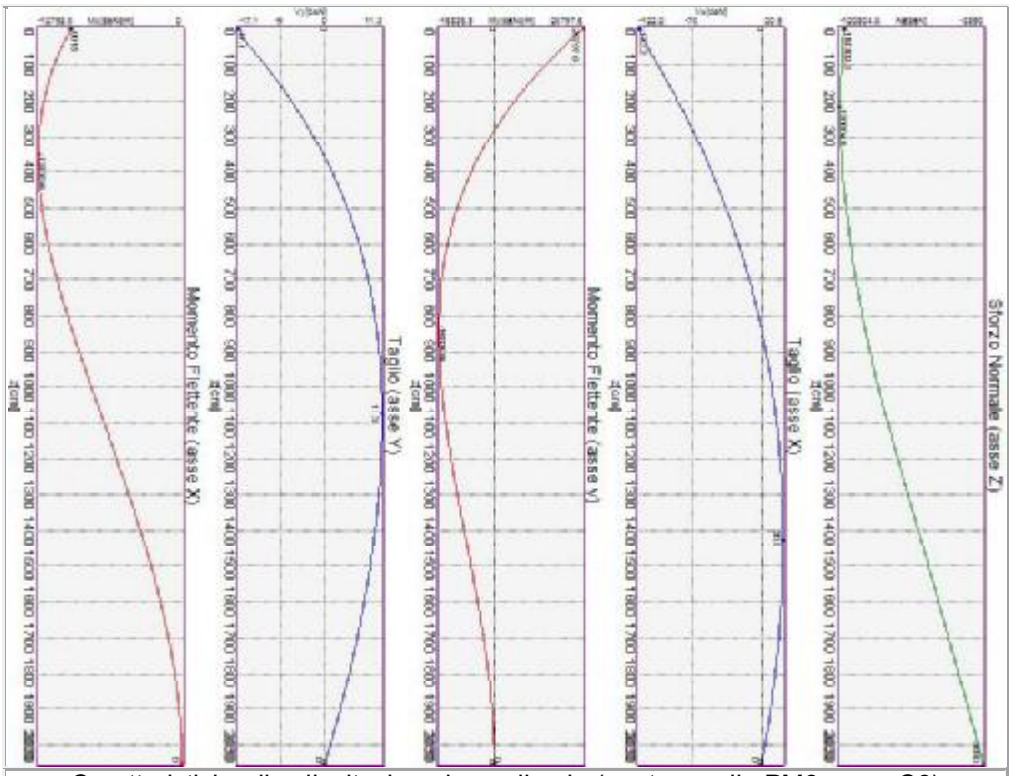
Caratteristiche di sollecitazione lungo il palo (punto maglia PM7, caso C4)			
z_{loc}[cm]	N_z[daN]	V_{xy}[daN]	M_{xy}[daN*cm]
0	-77044.67÷-7093.02	5562.93	7057519
0	-77044.67÷-7093.02	5562.93	7057519
25	-77624.4÷-7680.96	5613.74	6917807
50	-78175.75÷-8256.89	5702.33	6776339
75	-78698.84÷-8820.8	5778.44	6632812
100	-79193.76÷-9372.72	5842.61	6487532
125	-79660.63÷-9912.65	5895.34	6340792
150	-80099.56÷-10440.62	5937.15	6192870
175	-80510.67÷-10956.64	5968.54	6044034
190	-80744.02÷-11260.52	5982.56	5954400
190	-80744.02÷-11260.52	5982.56	5954400
215	-81007.62÷-11713.36	5998.28	5804625
240	-81131.12÷-12106.09	6004.8	5654573
265	-81208.12÷-12478.65	6002.59	5504468
290	-81238.83÷-12831.07	5992.09	5354522
300	-81238.19÷-12966.41	5985.67	5294633
300	-81238.19÷-12966.41	5985.67	5294633
325	-81163.74÷-13273.24	5964.3	5145247
350	-81000.03÷-13541.31	5935.64	4996487

375	-80784.95÷-13786.86	5900.12	4848529
400	-80518.72÷-14009.93	5858.11	4701542
425	-80201.54÷-14210.57	5810.02	4555681
450	-79833.62÷-14388.82	5756.18	4411095
475	-79415.15÷-14544.71	5696.96	4267922
500	-78946.34÷-14678.29	5632.71	4126294
500	-78946.34÷-14678.29	5632.71	4126294
525	-78490.58÷-14817.01	5563.76	3986331
550	-78050.69÷-14962.11	5490.45	3848147
575	-77566.56÷-15087.5	5413.06	3711847
600	-77038.36÷-15193.2	5331.9	3577529
625	-76466.25÷-15279.25	5247.26	3445285
650	-75850.39÷-15345.7	5159.43	3315197
675	-75190.94÷-15392.58	5068.67	3187341
700	-74488.06÷-15419.92	4975.24	3061789
725	-73741.89÷-15427.77	4879.38	2938603
750	-72952.59÷-15416.16	4781.34	2817841
775	-72120.3÷-15385.13	4681.35	2699555
875	-68363.48÷-15067.35	4266.05	2252013
975	-63928.97÷-14441.37	3835.34	1846866
1000	-62715.37÷-14236.95	3726.54	1752342
1025	-61459.94÷-14013.41	3617.56	1660542
1050	-60162.75÷-13770.77	3508.57	1571466
1075	-58823.89÷-13509.04	3399.67	1485114
1100	-57443.43÷-13228.25	3291.01	1401482
1125	-56043.68÷-12938.27	3182.69	1320562
1150	-54646.85÷-12648.97	3074.81	1242345
1175	-53252.88÷-12360.33	2967.49	1166818
1200	-51861.68÷-12072.34	2860.81	1093966
1200	-51861.68÷-12072.34	2860.81	1093966
1225	-50432.83÷-11767.03	2754.87	1023772
1250	-48966.35÷-11444.41	2649.75	956217
1275	-47502.53÷-11122.42	2545.53	891278
1300	-46041.29÷-10801.03	2442.29	828933
1325	-44582.55÷-10480.22	2340.08	769156
1350	-43126.23÷-10159.99	2238.98	711920
1375	-41672.26÷-9840.31	2139.04	657198
1400	-40220.55÷-9521.16	2040.32	604959
1425	-38771.02÷-9202.53	1942.87	555172
1450	-37323.59÷-8884.4	1846.72	507805
1475	-35878.2÷-8566.75	1751.94	462825
1500	-34434.75÷-8249.57	1658.54	420197
1525	-32993.17÷-7932.83	1566.59	379886
1550	-31553.39÷-7616.53	1476.09	341856
1575	-30115.32÷-7300.64	1387.07	306069
1600	-28678.88÷-6985.14	1299.59	272489
1625	-27244÷-6670.03	1213.63	241078
1650	-25810.61÷-6355.28	1129.23	211795
1675	-24378.61÷-6040.87	1046.41	184603
1700	-22947.93÷-5726.79	965.18	159462
1700	-22947.93÷-5726.79	965.18	159462
1725	-21518.51÷-5413.02	885.56	136331
1750	-20090.25÷-5099.55	807.56	115170
1775	-18663.08÷-4786.35	731.18	95940
1800	-17236.93÷-4473.41	656.44	78598

1825	-15811.71÷-4160.72	583.34	63104
1850	-14387.35÷-3848.25	511.89	49417
1875	-12963.78÷-3535.99	442.09	37496
1900	-11540.9÷-3223.92	373.95	27299
1925	-10118.66÷-2912.03	307.47	18784
1950	-8696.96÷-2600.3	242.65	11911
1975	-7275.73÷-2288.7	179.5	6638
2000	-5854.9÷-1977.23	118	2922
2025	-4434.39÷-1665.87	58.17	724
2050	-3014.12÷-1354.6	0	0

12.2 Casi a SLE

I massimi valori di **Sforzo Normale di compressione**, si ottengono nel punto maglia **PM8**, nel caso di carico **C6** (Rara).



Caratteristiche di sollecitazione lungo il palo (punto maglia PM8, caso C6)

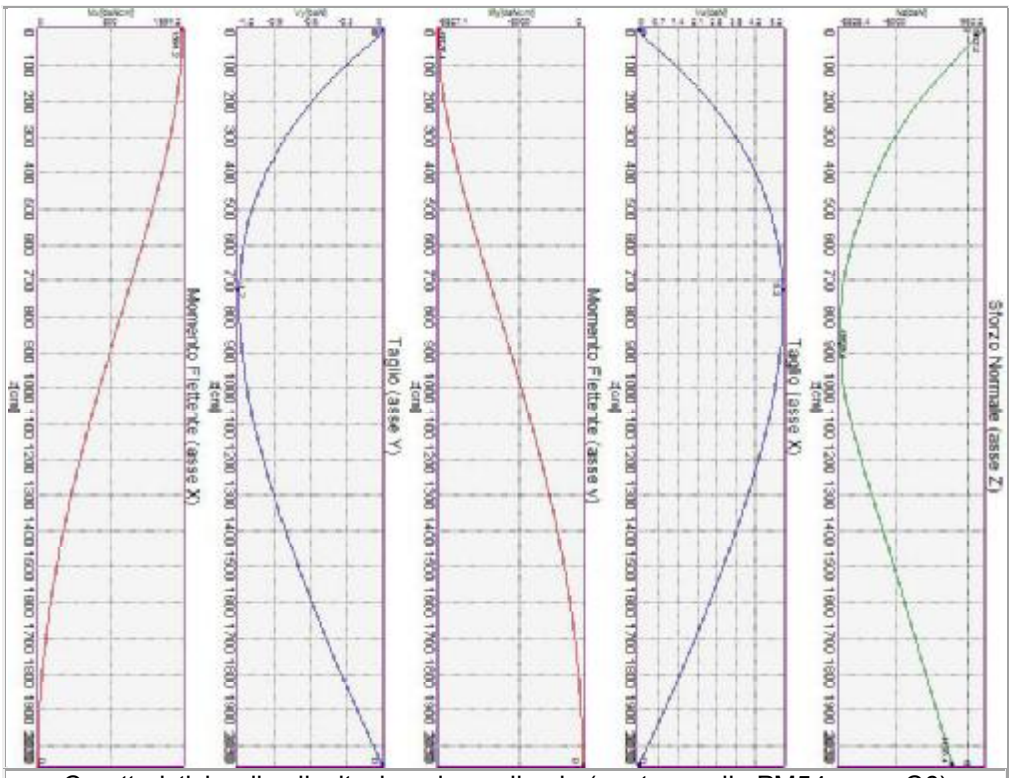
Azioni applicate in testa (punto maglia PM8, caso C6)					
N_z[daN]	V_x[daN]	V_y[daN]	M_x[daN*cm]	M_y[daN*cm]	T_z[daN*cm]
-117302.84	122.18	17.13	-9915	26798	28

Caratteristiche di sollecitazione lungo il palo (punto maglia PM8, caso C6)			
z_{loc}[cm]	N_z[daN]	V_{xy}[daN]	M_{xy}[daN*cm]
0	-117302.84	123.37	28573
0	-117302.84	123.37	28573
25	-117876.67	120.51	25926
50	-118410.45	114.91	23455
75	-118904.46	109.44	21200
100	-119358.97	104.09	19175
125	-119774.27	98.85	17398
150	-120150.63	93.74	15886
175	-120488.35	88.77	14658
190	-120672.55	85.83	14064
190	-120672.55	85.83	14064

215	-120804.75	81.06	13314
240	-120742.18	76.41	12859
265	-120615.9	71.89	12678
290	-120426.39	67.5	12732
300	-120332.99	65.78	12810
300	-120332.99	65.78	12810
325	-119999.34	61.56	13117
350	-119543.5	57.49	13547
375	-119018.33	53.53	14060
400	-118424.33	49.71	14619
425	-117762.01	46.03	15198
450	-117031.87	42.47	15776
475	-116234.41	39.05	16337
500	-115370.11	35.77	16870
500	-115370.11	35.77	16870
525	-114526.02	32.62	17366
550	-113705.95	29.61	17820
575	-112827.72	26.75	18228
600	-111891.73	24.05	18587
625	-110898.38	21.51	18896
650	-109848.07	19.15	19154
675	-108741.18	17	19361
700	-107578.08	15.07	19518
725	-106359.13	13.41	19625
750	-105084.69	12.06	19683
775	-103755.1	11.06	19695
875	-97890.64	10.85	19298
975	-91168.04	14.17	18280
1000	-89355.48	15.12	17943
1025	-87490.5	16.04	17577
1050	-85573.32	16.93	17183
1075	-83604.11	17.78	16764
1100	-81583.03	18.57	16322
1125	-79539.68	19.31	15858
1150	-77503.38	20	15374
1175	-75473.96	20.61	14873
1200	-73451.23	21.16	14357
1200	-73451.23	21.16	14357
1225	-71381.88	21.64	13826
1250	-69265.97	22.05	13284
1275	-67156.45	22.4	12731
1300	-65053.14	22.67	12170
1325	-62955.83	22.88	11603
1350	-60864.33	23.02	11031
1375	-58778.45	23.09	10456
1400	-56698	23.09	9879
1425	-54622.79	23.02	9304
1450	-52552.61	22.89	8730
1475	-50487.29	22.69	8161
1500	-48426.63	22.43	7598
1525	-46370.44	22.09	7042
1550	-44318.54	21.69	6495
1575	-42270.72	21.21	5959
1600	-40226.81	20.68	5435
1625	-38186.61	20.08	4925

1650	-36149.93	19.42	4432
1675	-34116.6	18.69	3955
1700	-32086.41	17.89	3498
1700	-32086.41	17.89	3498
1725	-30059.19	17.04	3061
1750	-28034.74	16.11	2647
1775	-26012.88	15.12	2257
1800	-23993.42	14.06	1892
1825	-21976.17	12.95	1554
1850	-19960.96	11.77	1245
1875	-17947.59	10.52	966
1900	-15935.87	9.21	720
1925	-13925.63	7.84	506
1950	-11916.67	6.39	328
1975	-9908.81	4.9	187
2000	-7901.87	3.32	84
2025	-5895.66	1.69	21
2050	-3889.99	0	0

I massimi valori di **Sforzo Normale di trazione**, si ottengono nel punto maglia **PM54**, nel caso di carico **C6** (Rara).



Caratteristiche di sollecitazione lungo il palo (punto maglia PM54, caso C6)

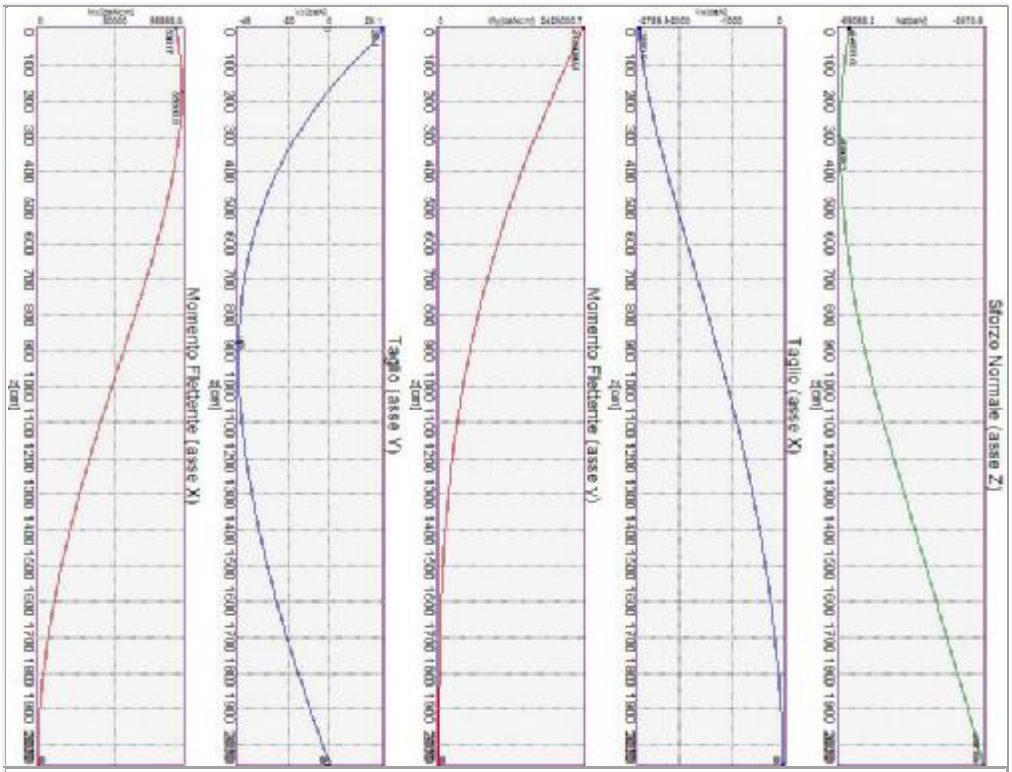
Azioni applicate in testa (punto maglia PM54, caso C6)					
N_z[daN]	V_x[daN]	V_y[daN]	M_x[daN*cm]	M_y[daN*cm]	T_z[daN*cm]
962.16	0	0	1591	-6827	0

Caratteristiche di sollecitazione lungo il palo (punto maglia PM54, caso C6)			
z_{loc}[cm]	N_z[daN]	V_{xv}[daN]	M_{xv}[daN*cm]
0	962.16	0	7010
0	962.16	0	7010
25	373.34	0.22	7007
50	-205.19	0.62	6997

75	-773.44	1	6977
100	-1331.41	1.37	6947
125	-1879.1	1.71	6909
150	-2416.53	2.03	6862
175	-2943.69	2.33	6807
190	-3255.07	2.51	6771
190	-3255.07	2.51	6771
215	-3728.04	2.78	6705
240	-4149.44	3.04	6632
265	-4553.49	3.29	6553
290	-4940.23	3.51	6468
300	-5090.09	3.59	6433
300	-5090.09	3.59	6433
325	-5437.65	3.8	6340
350	-5751.91	3.98	6243
375	-6046.82	4.16	6141
400	-6322.39	4.32	6035
425	-6578.68	4.47	5925
450	-6815.72	4.6	5812
475	-7033.54	4.71	5696
500	-7232.2	4.83	5576
500	-7232.2	4.83	5576
525	-7435.26	4.92	5454
550	-7643.8	5	5330
575	-7835.41	5.08	5204
600	-8010.12	5.14	5077
625	-8167.99	5.2	4947
650	-8309.05	5.24	4817
675	-8433.33	5.27	4686
700	-8540.88	5.3	4553
725	-8631.74	5.32	4421
750	-8705.95	5.32	4288
775	-8763.54	5.32	4155
875	-8828.42	5.26	3625
975	-8630.34	5.08	3107
1000	-8539.99	5.03	2981
1025	-8433.36	4.97	2856
1050	-8310.48	4.9	2732
1075	-8171.36	4.84	2611
1100	-8016.02	4.75	2491
1125	-7852.94	4.68	2373
1150	-7690.56	4.6	2257
1175	-7528.85	4.51	2143
1200	-7367.82	4.41	2032
1200	-7367.82	4.41	2032
1225	-7192.08	4.32	1922
1250	-7001.65	4.23	1815
1275	-6811.86	4.13	1711
1300	-6622.7	4.02	1609
1325	-6434.15	3.92	1510
1350	-6246.2	3.81	1413
1375	-6058.82	3.71	1319
1400	-5872	3.59	1228
1425	-5685.73	3.47	1139
1450	-5499.98	3.36	1054

1475	-5314.73	3.23	972
1500	-5129.98	3.11	892
1525	-4945.7	2.99	816
1550	-4761.88	2.86	743
1575	-4578.5	2.74	673
1600	-4395.54	2.61	606
1625	-4212.98	2.47	542
1650	-4030.82	2.34	482
1675	-3849.03	2.21	425
1700	-3667.59	2.07	371
1700	-3667.59	2.07	371
1725	-3486.49	1.93	321
1750	-3305.72	1.8	275
1775	-3125.24	1.65	232
1800	-2945.06	1.51	192
1825	-2765.15	1.37	156
1850	-2585.49	1.22	124
1875	-2406.08	1.08	95
1900	-2226.88	0.92	70
1925	-2047.89	0.77	49
1950	-1869.09	0.63	31
1975	-1690.46	0.47	18
2000	-1511.99	0.32	8
2025	-1333.66	0.16	2
2050	-1155.45	0	0

I massimi valori di **Taglio (in valore assoluto)**, **Momento flettente (in valore assoluto)**, si ottengono nel punto maglia **PM7**, nel caso di carico **C6** (Rara).



Caratteristiche di sollecitazione lungo il palo (punto maglia PM7, caso C6)

Azioni applicate in testa (punto maglia PM7, caso C6)					
N_z[daN]	V_x[daN]	V_y[daN]	M_x[daN*cm]	M_y[daN*cm]	T_z[daN*cm]

-64693.65	2789.46	-26.12	53617	2425001	-192

Caratteristiche di sollecitazione lungo il palo (punto maglia PM7, caso C6)			
z_{loc}[cm]	N_z[daN]	V_{xv}[daN]	M_{xv}[daN*cm]
0	-64693.65	2789.58	2425593
0	-64693.65	2789.58	2425593
25	-65274.15	2781.23	2355989
50	-65827.83	2761.44	2286734
75	-66354.87	2738.72	2218008
100	-66855.4	2713.26	2149883
125	-67329.6	2685.23	2082426
150	-67777.61	2654.8	2015699
175	-68199.6	2622.13	1949760
190	-68440.37	2601.51	1910597
190	-68440.37	2601.51	1910597
215	-68724.16	2565.59	1846030
240	-68876.88	2527.82	1782383
265	-68986.52	2488.35	1719701
290	-69053.35	2447.32	1658024
300	-69068.16	2430.51	1633644
300	-69068.16	2430.51	1633644
325	-69037.53	2387.52	1573437
350	-68924.27	2343.28	1514320
375	-68763.9	2297.91	1456323
400	-68556.72	2251.55	1399473
425	-68303.04	2204.29	1343792
450	-68003.14	2156.24	1289302
475	-67657.32	2107.52	1236021
500	-67265.87	2058.2	1183966
500	-67265.87	2058.2	1183966
525	-66887.6	2008.41	1133150
550	-66525.09	1958.22	1083582
575	-66122.77	1907.73	1035274
600	-65680.87	1857.01	988229
625	-65199.63	1806.16	942455
650	-64679.29	1755.24	897952
675	-64120.08	1704.32	854722
700	-63522.21	1653.49	812764
725	-62885.92	1602.79	772075
750	-62211.42	1552.32	732650
775	-61498.9	1502.09	694484
875	-58272.06	1304.97	554239
975	-54451.84	1116.09	433314
1000	-53405.39	1070.48	405994
1025	-52322.6	1025.58	379806
1050	-51203.59	981.41	354731
1075	-50048.48	938	330751
1100	-48857.37	895.4	307845
1125	-47650.44	853.62	285994
1150	-46447.73	812.69	265177
1175	-45249.15	772.62	245373
1200	-44054.58	733.43	226559
1200	-44054.58	733.43	226559
1225	-42827.59	695.16	208712
1250	-41568.21	657.8	191812
1275	-40312.67	621.39	175833

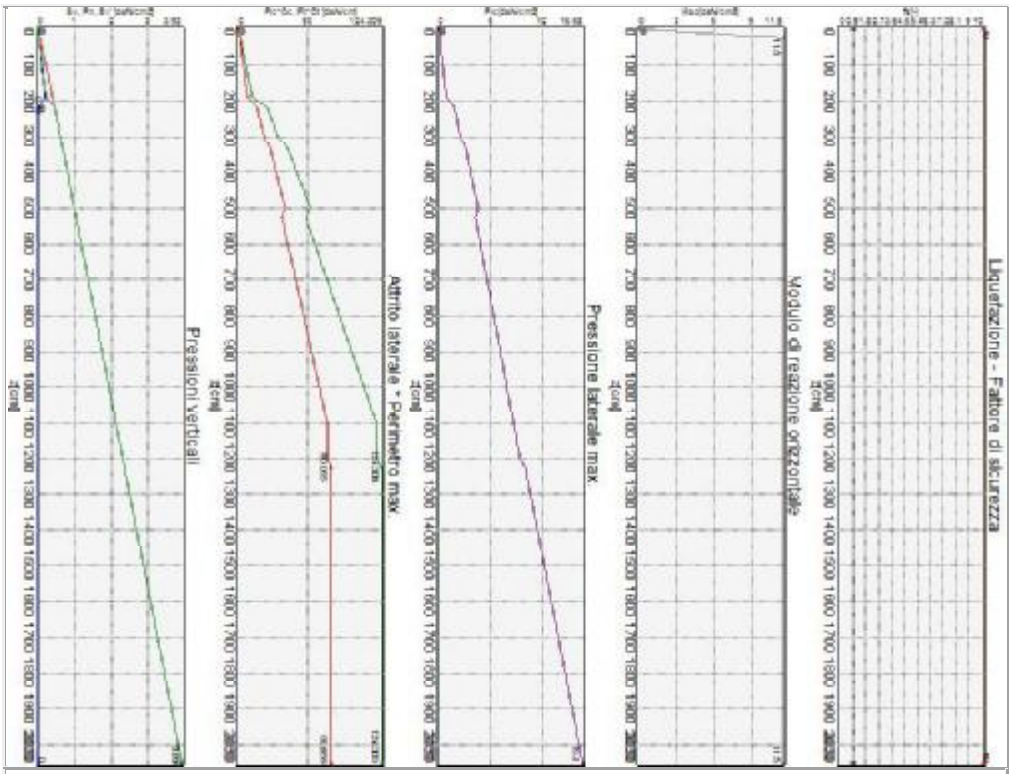
1300	-39060.85	585.93	160752
1325	-37812.64	551.43	146545
1350	-36567.91	517.92	133189
1375	-35326.57	485.39	120657
1400	-34088.48	453.86	108927
1425	-32853.55	423.35	97971
1450	-31621.64	393.84	87766
1475	-30392.66	365.37	78285
1500	-29166.48	337.91	69503
1525	-27943	311.51	61394
1550	-26722.09	286.14	53931
1575	-25503.65	261.8	47090
1600	-24287.57	238.53	40844
1625	-23073.73	216.3	35166
1650	-21862.02	195.14	30030
1675	-20652.32	175.02	25410
1700	-19444.54	155.97	21279
1700	-19444.54	155.97	21279
1725	-18238.55	137.98	17611
1750	-17034.24	121.04	14379
1775	-15831.51	105.17	11557
1800	-14630.23	90.35	9118
1825	-13430.31	76.6	7035
1850	-12231.63	63.91	5283
1875	-11034.08	52.28	3835
1900	-9837.54	41.69	2664
1925	-8641.92	32.17	1744
1950	-7447.09	23.68	1049
1975	-6252.95	16.24	552
2000	-5059.39	9.81	229
2025	-3866.29	4.41	53
2050	-2673.55	0	0

13 VERIFICHE GEOTECNICHE.

Si riporta di seguito il dettaglio delle verifiche eseguite, per ciascun palo.

13.1 Verifica: Capacità portante

La situazione di verifica più severa, si ottiene nel punto maglia **PM16**, nel caso di carico **C5**, sestetto **6** (Stato limite ultimo).



Capacità portante
Situazione peggiore: Punto maglia PM16, Caso C5, Sestetto 6

Segue il riassunto della verifica, per tutti i punti maglia, per il caso ed il sestetto che danno il fattore di sicurezza minore.

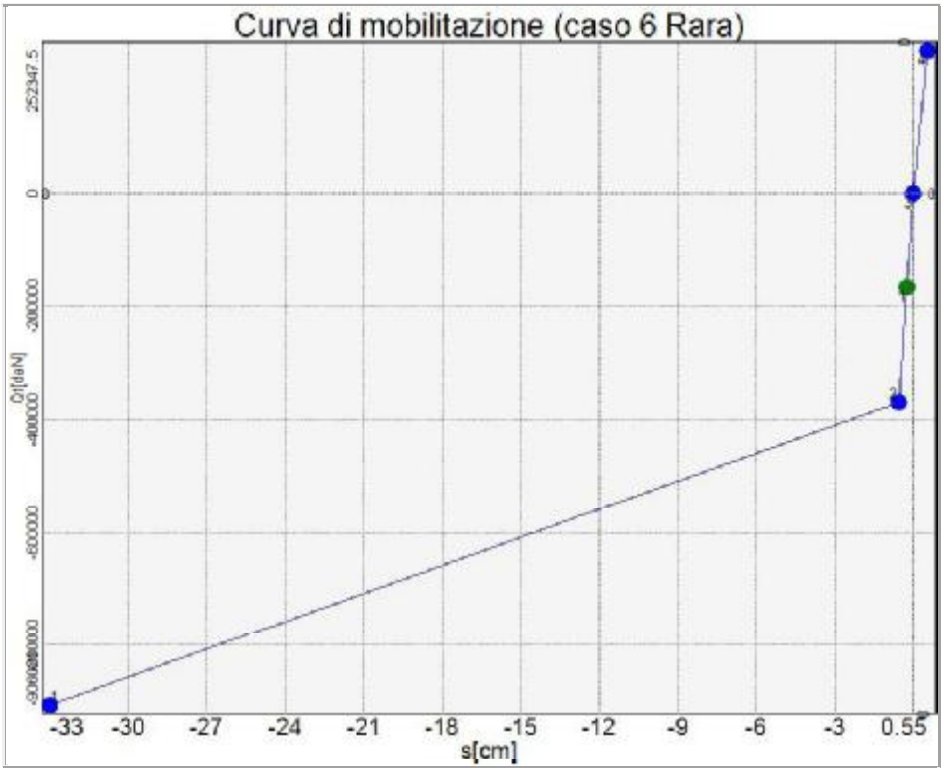
Verifica: Capacità portante					
Punto	Caso	Ses.	R_d: Qt[daN]	S_d: Qt[daN]	fs[-]
PM1	C1	1	422098	127144	3.32
PM2	C1	1	422098	162450	2.60
PM3	C1	1	422098	122956	3.43
PM4	C1	1	422098	210418	2.01
PM5	C1	1	422098	93525	4.51
PM6	C1	1	422098	147024	2.87
PM7	C1	1	422098	155824	2.71
PM8	C1	1	422098	229812	1.84
PM9	C1	1	422098	108684	3.88
PM10	C1	1	422098	153056	2.76
PM11	C1	1	422098	146855	2.87
PM12	C1	1	422098	180703	2.34
PM13	C1	1	422098	65152	6.48
PM14	C1	1	422098	62897	6.71
PM15	C1	1	422098	64833	6.51

PM16	C5	6	118752	115274	1.03
PM17	C5	1	422098	74022	5.70
PM18	C1	1	422098	64453	6.55
PM19	C1	1	422098	62904	6.71
PM20	C1	1	422098	63110	6.69
PM21	C1	1	422098	62491	6.75
PM22	C5	2	118752	92202	1.29
PM23	C5	5	422098	74744	5.65
PM24	C1	1	422098	63650	6.63
PM25	C1	1	422098	62407	6.76
PM26	C1	1	422098	63088	6.69
PM27	C1	1	422098	62822	6.72
PM28	C1	1	422098	63204	6.68
PM29	C1	1	422098	67075	6.29
PM30	C1	1	422098	67075	6.29
PM31	C1	1	422098	62141	6.79
PM32	C1	1	422098	69506	6.07
PM33	C1	1	422098	68082	6.20
PM34	C1	1	422098	72492	5.82
PM35	C1	1	422098	63726	6.62
PM36	C1	1	422098	62142	6.79
PM37	C1	1	422098	62980	6.70
PM38	C1	1	422098	62801	6.72
PM39	C1	1	422098	63059	6.69
PM40	C1	1	422098	66801	6.32
PM41	C1	1	422098	67636	6.24
PM42	C1	1	422098	63113	6.69
PM43	C1	1	422098	62721	6.73
PM44	C1	1	422098	63033	6.70
PM45	C4	6	422098	77452	5.45
PM46	C1	1	422098	68934	6.12
PM47	C1	1	422098	68693	6.14
PM48	C1	1	422098	69409	6.08
PM49	C1	1	422098	62204	6.79
PM50	C1	1	422098	63643	6.63
PM51	C1	1	422098	72650	5.81
PM52	C1	1	422098	68837	6.13
PM53	C1	1	422098	70313	6.00
PM54	C1	1	422098	61956	6.81
PM55	C1	1	422098	67856	6.22
PM56	C1	1	422098	67786	6.23
PM57	C1	1	422098	64954	6.50
PM58	C1	1	422098	63184	6.68
PM59	C1	1	422098	62779	6.72
PM60	C1	1	422098	62726	6.73
PM61	C1	1	422098	62986	6.70
PM62	C1	1	422098	62624	6.74
PM63	C1	1	422098	63521	6.65
PM64	C1	1	422098	68421	6.17
PM65	C1	1	422098	68368	6.17
PM66	C1	1	422098	62439	6.76
PM67	C1	1	422098	62339	6.77
PM68	C1	1	422098	63943	6.60
PM69	C1	1	422098	62558	6.75
PM70	C1	1	422098	64122	6.58

PM71	C1	1	422098	65857	6.41
PM72	C4	5	422098	79776	5.29
PM73	C1	1	422098	62641	6.74
PM74	C1	1	422098	65389	6.46

13.2 Verifica: Cedimento

I cedimenti del singolo palo sono calcolati utilizzando la relativa curva di mobilitazione.
L'interazione tra i pali è valutata con il metodo dei fattori di interazione (Poulos e Davis, 1980). La situazione di verifica più severa, si ottiene nel punto maglia **PM8**, nel caso di carico **C6**, sestetto **1** (Rara). Si ottengono i seguenti valori: cedimento del palo singolo = -2.47 [mm], cedimento indotto dal gruppo = -11.36 [mm], cedimento totale: -13.83 [mm].



Cedimento
Situazione peggiore: Punto maglia PM8, Caso C6, Sestetto 1

Segue il riassunto della verifica, per tutti i punti maglia, per il caso ed il sestetto che danno il fattore di sicurezza minore.

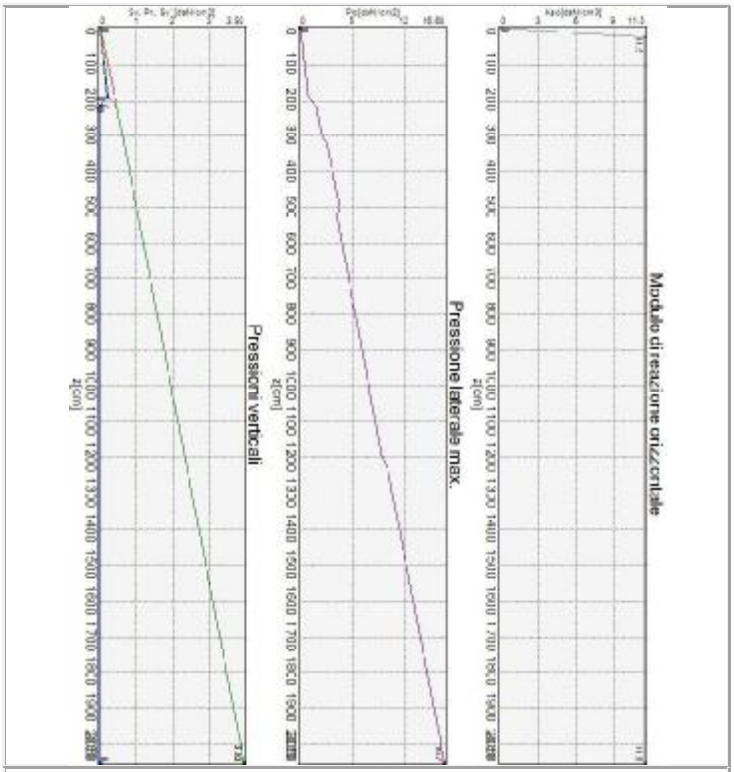
Verifica: Cedimento					
Punto	Caso	Ses.	R_d: Ced.[mm]	S_d: Ced.[mm]	fs[-]
PM1	C6	1	-30	-1 + -8 = -10	3.11
PM2	C6	1	-30	-2 + -10 = -11	2.62
PM3	C6	1	-30	-1 + -9 = -11	2.77
PM4	C6	1	-30	-2 + -11 = -14	2.20
PM5	C6	1	-30	-1 + -9 = -10	3.11
PM6	C6	1	-30	-2 + -10 = -12	2.58
PM7	C6	1	-30	-2 + -10 = -12	2.55
PM8	C6	1	-30	-2 + -11 = -14	2.17
PM9	C6	1	-30	-1 + -8 = -10	3.12
PM10	C6	1	-30	-2 + -9 = -11	2.70
PM11	C6	1	-30	-2 + -8 = -10	3.04

PM12	C6	1	-30	-2 + -10 = -12	2.58
PM13	C6	1	-30	0 + -9 = -10	3.04
PM14	C6	1	-30	0 + -9 = -10	2.94
PM15	C6	1	-30	0 + -10 = -10	2.86
PM16	C6	1	-30	0 + -9 = -10	2.93
PM17	C6	1	-30	0 + -9 = -10	3.05
PM18	C6	1	-30	0 + -9 = -10	3.01
PM19	C6	1	-30	0 + -10 = -11	2.80
PM20	C6	1	-30	0 + -10 = -11	2.68
PM21	C6	1	-30	0 + -11 = -11	2.61
PM22	C6	1	-30	0 + -10 = -11	2.69
PM23	C6	1	-30	0 + -10 = -10	2.88
PM24	C6	1	-30	0 + -10 = -11	2.73
PM25	C6	1	-30	0 + -11 = -12	2.55
PM26	C6	1	-30	0 + -11 = -12	2.46
PM27	C6	1	-30	0 + -11 = -12	2.54
PM28	C6	1	-30	0 + -11 = -11	2.65
PM29	C6	1	-30	0 + -10 = -11	2.86
PM30	C6	1	-30	0 + -11 = -12	2.55
PM31	C6	1	-30	0 + -12 = -12	2.45
PM32	C6	1	-30	0 + -12 = -13	2.35
PM33	C6	1	-30	0 + -12 = -12	2.43
PM34	C6	1	-30	0 + -11 = -12	2.55
PM35	C6	1	-30	0 + -11 = -12	2.61
PM36	C6	1	-30	0 + -12 = -12	2.43
PM37	C6	1	-30	0 + -12 = -13	2.34
PM38	C6	1	-30	0 + -12 = -12	2.42
PM39	C6	1	-30	0 + -11 = -12	2.53
PM40	C6	1	-30	0 + -10 = -11	2.74
PM41	C6	1	-30	0 + -10 = -11	2.73
PM42	C6	1	-30	0 + -11 = -12	2.53
PM43	C6	1	-30	0 + -12 = -12	2.42
PM44	C6	1	-30	0 + -12 = -13	2.34
PM45	C6	1	-30	0 + -11 = -12	2.60
PM46	C6	1	-30	0 + -11 = -12	2.45
PM47	C6	1	-30	0 + -12 = -13	2.33
PM48	C6	1	-30	0 + -12 = -13	2.32
PM49	C6	1	-30	0 + -12 = -12	2.42
PM50	C6	1	-30	0 + -11 = -12	2.60
PM51	C6	1	-30	0 + -11 = -12	2.53
PM52	C6	1	-30	0 + -12 = -12	2.41
PM53	C6	1	-30	0 + -12 = -13	2.34
PM54	C6	1	-30	0 + -12 = -12	2.43
PM55	C6	1	-30	0 + -11 = -12	2.53
PM56	C6	1	-30	0 + -10 = -11	2.83
PM57	C6	1	-30	0 + -9 = -10	2.98
PM58	C6	1	-30	0 + -11 = -11	2.63
PM59	C6	1	-30	0 + -10 = -11	2.77
PM60	C6	1	-30	0 + -11 = -12	2.52
PM61	C6	1	-30	0 + -11 = -11	2.66
PM62	C6	1	-30	0 + -12 = -12	2.44
PM63	C6	1	-30	0 + -11 = -12	2.59
PM64	C6	1	-30	0 + -12 = -12	2.43
PM65	C6	1	-30	0 + -11 = -12	2.58
PM66	C6	1	-30	0 + -11 = -12	2.53

PM67	C6	1	-30	0 + -10 = -11	2.69
PM68	C6	1	-30	0 + -10 = -11	2.69
PM69	C6	1	-30	0 + -10 = -11	2.84
PM70	C6	1	-30	0 + -10 = -10	2.91
PM71	C6	1	-30	0 + -9 = -10	2.93
PM72	C6	1	-30	0 + -10 = -11	2.83
PM73	C6	1	-30	0 + -10 = -10	2.91
PM74	C6	1	-30	0 + -9 = -10	3.00

13.3 Verifica: Resistenza trasversale

La situazione di verifica più severa, si ottiene nel punto maglia **PM7**, nel caso di carico **C4**, sestetto **1** (Stato limite ultimo).



Resistenza trasversale
Situazione peggiore: Punto maglia PM7, Caso C4, Sestetto 1

Segue il riassunto della verifica, per tutti i punti maglia, per il caso ed il sestetto che danno il fattore di sicurezza minore.

Verifica: Resistenza trasversale					
Punto	Caso	Ses.	R_d: Rtr[daN]	S_d: Rtr[daN]	fs[-]
PM1	C4	6	5882117	489	10.00
PM2	C4	5	5882117	722	10.00
PM3	C5	1	5882117	863	10.00
PM4	C5	5	5882117	691	10.00
PM5	C4	1	5882117	2633	10.00
PM6	C4	2	5882117	4705	10.00
PM7	C4	1	5882117	5563	10.00
PM8	C5	5	5882117	1770	10.00
PM9	C4	2	5882117	4348	10.00
PM10	C4	1	5882117	1193	10.00

PM11	C4	5	5882117	863	10.00
PM12	C4	6	5882117	859	10.00
PM13	C1	1	0	0	10.00
PM14	C1	1	0	0	10.00
PM15	C1	1	0	0	10.00
PM16	C1	1	0	0	10.00
PM17	C1	1	0	0	10.00
PM18	C1	1	0	0	10.00
PM19	C1	1	0	0	10.00
PM20	C1	1	0	0	10.00
PM21	C1	1	0	0	10.00
PM22	C1	1	0	0	10.00
PM23	C1	1	0	0	10.00
PM24	C1	1	0	0	10.00
PM25	C1	1	0	0	10.00
PM26	C1	1	0	0	10.00
PM27	C1	1	0	0	10.00
PM28	C1	1	0	0	10.00
PM29	C1	1	0	0	10.00
PM30	C1	1	0	0	10.00
PM31	C1	1	0	0	10.00
PM32	C1	1	0	0	10.00
PM33	C1	1	0	0	10.00
PM34	C1	1	0	0	10.00
PM35	C1	1	0	0	10.00
PM36	C1	1	0	0	10.00
PM37	C1	1	0	0	10.00
PM38	C1	1	0	0	10.00
PM39	C1	1	0	0	10.00
PM40	C1	1	0	0	10.00
PM41	C1	1	0	0	10.00
PM42	C1	1	0	0	10.00
PM43	C1	1	0	0	10.00
PM44	C1	1	0	0	10.00
PM45	C1	1	0	0	10.00
PM46	C1	1	0	0	10.00
PM47	C1	1	0	0	10.00
PM48	C1	1	0	0	10.00
PM49	C1	1	0	0	10.00
PM50	C1	1	0	0	10.00
PM51	C1	1	0	0	10.00
PM52	C1	1	0	0	10.00
PM53	C1	1	0	0	10.00
PM54	C1	1	0	0	10.00
PM55	C1	1	0	0	10.00
PM56	C1	1	0	0	10.00
PM57	C1	1	0	0	10.00
PM58	C1	1	0	0	10.00
PM59	C1	1	0	0	10.00
PM60	C1	1	0	0	10.00
PM61	C1	1	0	0	10.00
PM62	C1	1	0	0	10.00
PM63	C1	1	0	0	10.00
PM64	C1	1	0	0	10.00
PM65	C1	1	0	0	10.00

PM66	C1	1	0	0	10.00
PM67	C1	1	0	0	10.00
PM68	C1	1	0	0	10.00
PM69	C1	1	0	0	10.00
PM70	C1	1	0	0	10.00
PM71	C1	1	0	0	10.00
PM72	C1	1	0	0	10.00
PM73	C1	1	0	0	10.00
PM74	C1	1	0	0	10.00

14 VERIFICHE STRUTTURALI.

Si riporta di seguito il dettaglio delle verifiche eseguite, per ciascun palo, solo in corrispondenza della progressiva dove si ottiene la situazione più severa.

14.1 Verifica: Spostamento orizzontale

La situazione di verifica più severa, si ottiene nel punto maglia **PM10**, nel caso di carico **C6**, sestetto **1** (Rara).

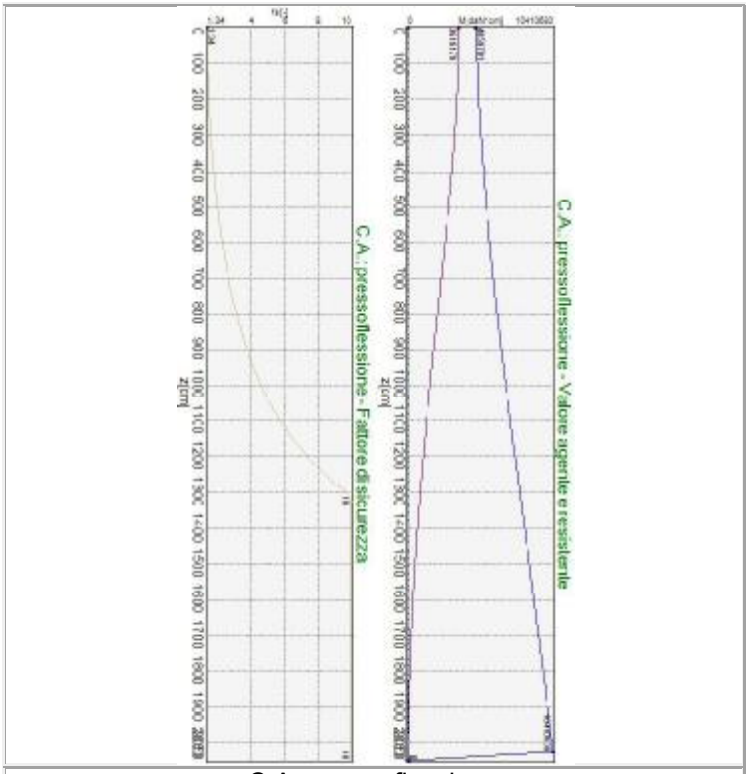
Segue il riassunto della verifica, per tutti i punti maglia, per il caso ed il sestetto che danno il fattore di sicurezza minore.

Verifica: Spostamento orizzontale					
Punto	Caso	Ses.	R_d: Sor[mm]	S_d: Sor[mm]	fs[-]
PM1	C6	1	30	0	10.00
PM2	C6	1	30	0	10.00
PM3	C6	1	30	0	10.00
PM4	C6	1	30	0	10.00
PM5	C6	1	30	0	10.00
PM6	C6	1	30	0	10.00
PM7	C6	1	30	0	10.00
PM8	C6	1	30	0	10.00
PM9	C6	1	30	1	10.00
PM10	C6	1	30	1	10.00
PM11	C6	1	30	0	10.00
PM12	C6	1	30	0	10.00
PM13	C6	1	30	0	10.00
PM14	C6	1	30	0	10.00
PM15	C6	1	30	0	10.00
PM16	C6	1	30	0	10.00
PM17	C6	1	30	0	10.00
PM18	C6	1	30	0	10.00
PM19	C6	1	30	0	10.00
PM20	C6	1	30	0	10.00
PM21	C6	1	30	0	10.00
PM22	C6	1	30	0	10.00
PM23	C6	1	30	0	10.00
PM24	C6	1	30	0	10.00
PM25	C6	1	30	0	10.00
PM26	C6	1	30	0	10.00
PM27	C6	1	30	0	10.00
PM28	C6	1	30	0	10.00
PM29	C6	1	30	0	10.00

PM30	C6	1	30	0	10.00
PM31	C6	1	30	0	10.00
PM32	C6	1	30	0	10.00
PM33	C6	1	30	0	10.00
PM34	C6	1	30	1	10.00
PM35	C6	1	30	0	10.00
PM36	C6	1	30	0	10.00
PM37	C6	1	30	0	10.00
PM38	C6	1	30	0	10.00
PM39	C6	1	30	0	10.00
PM40	C6	1	30	0	10.00
PM41	C6	1	30	0	10.00
PM42	C6	1	30	0	10.00
PM43	C6	1	30	0	10.00
PM44	C6	1	30	0	10.00
PM45	C6	1	30	0	10.00
PM46	C6	1	30	0	10.00
PM47	C6	1	30	0	10.00
PM48	C6	1	30	0	10.00
PM49	C6	1	30	0	10.00
PM50	C6	1	30	0	10.00
PM51	C6	1	30	1	10.00
PM52	C6	1	30	0	10.00
PM53	C6	1	30	0	10.00
PM54	C6	1	30	0	10.00
PM55	C6	1	30	0	10.00
PM56	C6	1	30	0	10.00
PM57	C6	1	30	0	10.00
PM58	C6	1	30	0	10.00
PM59	C6	1	30	0	10.00
PM60	C6	1	30	0	10.00
PM61	C6	1	30	0	10.00
PM62	C6	1	30	0	10.00
PM63	C6	1	30	0	10.00
PM64	C6	1	30	0	10.00
PM65	C6	1	30	0	10.00
PM66	C6	1	30	0	10.00
PM67	C6	1	30	0	10.00
PM68	C6	1	30	0	10.00
PM69	C6	1	30	0	10.00
PM70	C6	1	30	0	10.00
PM71	C6	1	30	0	10.00
PM72	C6	1	30	0	10.00
PM73	C6	1	30	0	10.00
PM74	C6	1	30	0	10.00

14.2 Verifica: C.A.: pressoflessione

La situazione di verifica più severa, si ottiene nel punto maglia **PM16**, nel caso di carico **C5**, sestetto **6** (Stato limite ultimo).



C.A.: pressoflessione
Situazione peggiore: Punto maglia PM16, Caso C5, Sestetto 6

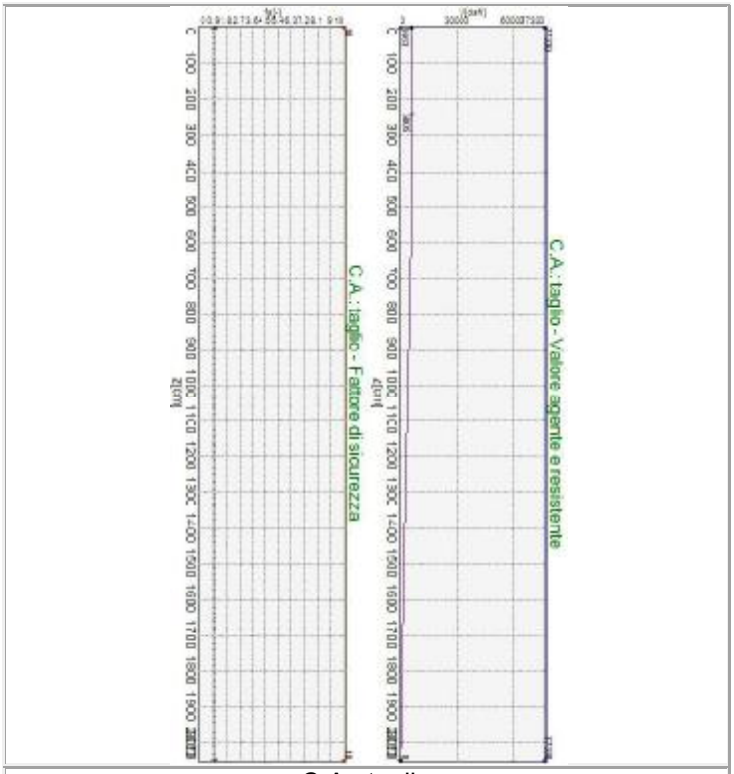
Segue il riassunto della verifica, per tutti i punti maglia, per il caso ed il sestetto che danno il fattore di sicurezza minore.

Verifica: C.A.: pressoflessione					
Punto	Caso	Ses.	R_d: M[daN*cm]	S_d: M[daN*cm]	fs[-]
PM1	C4	6	11379402	1361872	8.36
PM2	C4	5	11724881	1844259	6.36
PM3	C5	1	11453043	1282797	8.93
PM4	C4	5	12880012	1768978	7.28
PM5	C4	1	11563677	3960255	2.92
PM6	C4	2	12577459	5941483	2.12
PM7	C4	1	12859692	7057519	1.82
PM8	C4	2	12512841	3144625	3.98
PM9	C4	2	11979882	6868435	1.74
PM10	C4	5	11554398	2896898	3.99
PM11	C4	5	11830406	2390616	4.95
PM12	C4	6	12122627	2193268	5.53
PM13	C4	1	10551217	144587	10.00
PM14	C4	1	10482973	11029	10.00
PM15	C4	6	10513140	109349	10.00
PM16	C5	6	4859701	3616179	1.34
PM17	C5	6	9724917	1882574	5.17
PM18	C1	1	15473449	142717	10.00
PM19	C4	2	10486089	18207	10.00
PM20	C4	6	10486420	5985	10.00
PM21	C5	6	10446631	40781	10.00
PM22	C5	2	5666817	2678423	2.12
PM23	C5	2	9610690	1342796	7.16
PM24	C5	1	10474927	237836	10.00

PM25	C5	2	10391334	295693	10.00
PM26	C4	5	10482921	63281	10.00
PM27	C4	5	10482054	9347	10.00
PM28	C4	1	10493265	33368	10.00
PM29	C1	1	15560398	275939	10.00
PM30	C1	1	15560385	247800	10.00
PM31	C4	5	10471342	14625	10.00
PM32	C4	5	10641869	285889	10.00
PM33	C1	1	15593758	445385	10.00
PM34	C1	1	15739350	634408	10.00
PM35	C4	2	10481901	191940	10.00
PM36	C4	2	10465580	79753	10.00
PM37	C4	5	10487454	58193	10.00
PM38	C4	5	10481164	10317	10.00
PM39	C4	2	10491322	34407	10.00
PM40	C1	1	15551339	290530	10.00
PM41	C1	1	15578976	336617	10.00
PM42	C4	1	10493840	44749	10.00
PM43	C4	5	10477517	13484	10.00
PM44	C4	5	10496224	81582	10.00
PM45	C4	6	11395692	1195686	9.53
PM46	C1	1	15621941	400784	10.00
PM47	C1	1	15613948	430394	10.00
PM48	C1	1	15637634	475364	10.00
PM49	C4	2	10471764	89255	10.00
PM50	C4	1	10478062	220018	10.00
PM51	C1	1	15744571	690338	10.00
PM52	C4	2	10617607	382308	10.00
PM53	C4	5	10707085	390813	10.00
PM54	C4	5	10465662	17167	10.00
PM55	C4	1	10606495	214688	10.00
PM56	C1	1	15583940	329419	10.00
PM57	C1	1	15490076	190221	10.00
PM58	C4	1	10492394	43189	10.00
PM59	C4	2	10484476	28633	10.00
PM60	C4	5	10471582	22539	10.00
PM61	C4	2	10489632	28395	10.00
PM62	C4	5	10399993	181811	10.00
PM63	C4	5	10744713	639597	10.00
PM64	C1	1	15604961	457808	10.00
PM65	C4	2	10702589	576434	10.00
PM66	C4	2	10469954	79662	10.00
PM67	C4	2	10504200	152750	10.00
PM68	C4	1	10479101	193739	10.00
PM69	C4	5	10583085	115157	10.00
PM70	C4	2	10587667	220900	10.00
PM71	C4	2	10535883	582997	10.00
PM72	C4	5	11467832	1333972	8.60
PM73	C4	2	10504085	58423	10.00
PM74	C4	2	10585980	222905	10.00

14.3 Verifica: C.A.: taglio

La situazione di verifica più severa, si ottiene nel punto maglia **PM7**, nel caso di carico **C4**, sestetto **1** (Stato limite ultimo).



C.A.: taglio
Situazione peggiore: Punto maglia PM7, Caso C4, Sestetto 1

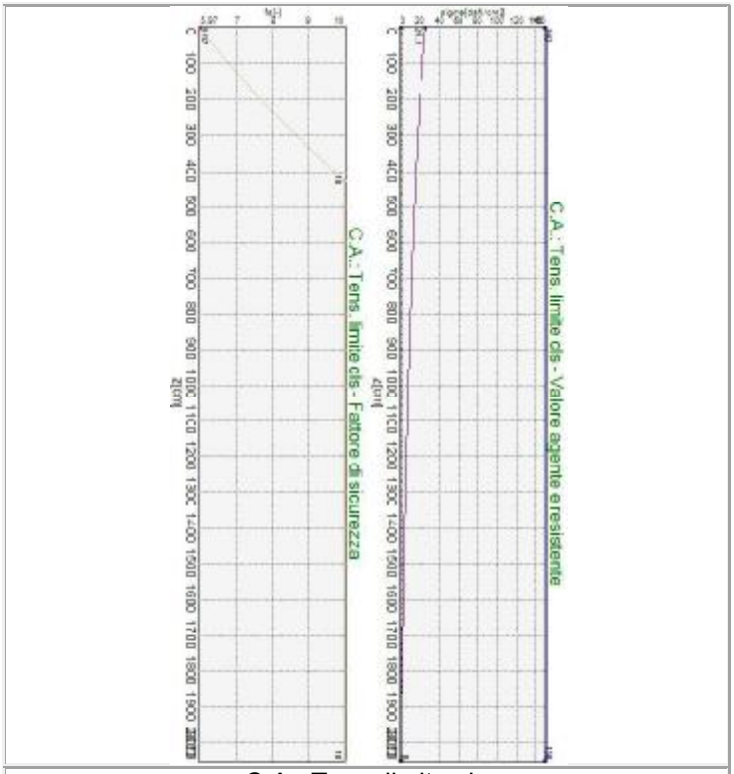
Segue il riassunto della verifica, per tutti i punti maglia, per il caso ed il sestetto che danno il fattore di sicurezza minore.

Verifica: C.A.: taglio					
Punto	Caso	Ses.	R_d: V[daN]	S_d: V[daN]	fs[-]
PM1	C4	6	77330	1013	10.00
PM2	C4	5	77330	1375	10.00
PM3	C5	1	77330	992	10.00
PM4	C4	5	77330	1329	10.00
PM5	C4	1	77330	3162	10.00
PM6	C4	2	77330	5067	10.00
PM7	C4	1	77330	6005	10.00
PM8	C4	5	77330	2410	10.00
PM9	C4	2	77330	5413	10.00
PM10	C4	5	77330	2150	10.00
PM11	C4	5	77330	1778	10.00
PM12	C4	6	77330	1635	10.00
PM13	C1	1	77330	121	10.00
PM14	C4	1	77330	8	10.00
PM15	C1	1	77330	107	10.00
PM16	C5	6	77330	2746	10.00
PM17	C5	6	77330	1430	10.00
PM18	C1	1	77330	108	10.00
PM19	C1	1	77330	15	10.00
PM20	C4	6	77330	5	10.00
PM21	C5	6	77330	31	10.00
PM22	C5	5	77330	2131	10.00
PM23	C5	2	77330	1020	10.00
PM24	C5	1	77330	181	10.00

PM25	C5	2	77330	225	10.00
PM26	C1	1	77330	61	10.00
PM27	C1	1	77330	9	10.00
PM28	C1	1	77330	36	10.00
PM29	C1	1	77330	210	10.00
PM30	C1	1	77330	188	10.00
PM31	C4	5	77330	11	10.00
PM32	C1	1	77330	304	10.00
PM33	C1	1	77330	338	10.00
PM34	C1	1	77330	482	10.00
PM35	C1	1	77330	151	10.00
PM36	C1	1	77330	81	10.00
PM37	C1	1	77330	59	10.00
PM38	C1	1	77330	10	10.00
PM39	C1	1	77330	36	10.00
PM40	C1	1	77330	221	10.00
PM41	C1	1	77330	256	10.00
PM42	C1	1	77330	43	10.00
PM43	C1	1	77330	12	10.00
PM44	C1	1	77330	66	10.00
PM45	C4	6	77330	908	10.00
PM46	C1	1	77330	304	10.00
PM47	C1	1	77330	327	10.00
PM48	C1	1	77330	361	10.00
PM49	C1	1	77330	81	10.00
PM50	C4	1	77330	167	10.00
PM51	C1	1	77330	524	10.00
PM52	C1	1	77330	387	10.00
PM53	C1	1	77330	343	10.00
PM54	C4	5	77330	13	10.00
PM55	C1	1	77330	227	10.00
PM56	C1	1	77330	250	10.00
PM57	C1	1	77330	144	10.00
PM58	C1	1	77330	42	10.00
PM59	C4	2	77330	22	10.00
PM60	C4	5	77330	17	10.00
PM61	C4	2	77330	22	10.00
PM62	C4	5	77330	138	10.00
PM63	C4	5	77330	486	10.00
PM64	C1	1	77330	348	10.00
PM65	C4	2	77330	438	10.00
PM66	C1	1	77330	77	10.00
PM67	C4	2	77330	116	10.00
PM68	C1	1	77330	156	10.00
PM69	C4	5	77330	87	10.00
PM70	C4	2	77330	168	10.00
PM71	C4	2	77330	443	10.00
PM72	C4	5	77330	1013	10.00
PM73	C4	2	77330	44	10.00
PM74	C4	2	77330	169	10.00

14.4 Verifica: C.A.: Tens. limite cls

La situazione di verifica più severa, si ottiene nel punto maglia **PM7**, nel caso di carico **C6**, sestetto **1** (Rara).



C.A.: Tens. limite cls
Situazione peggiore: Punto maglia PM7, Caso C6, Sestetto 1

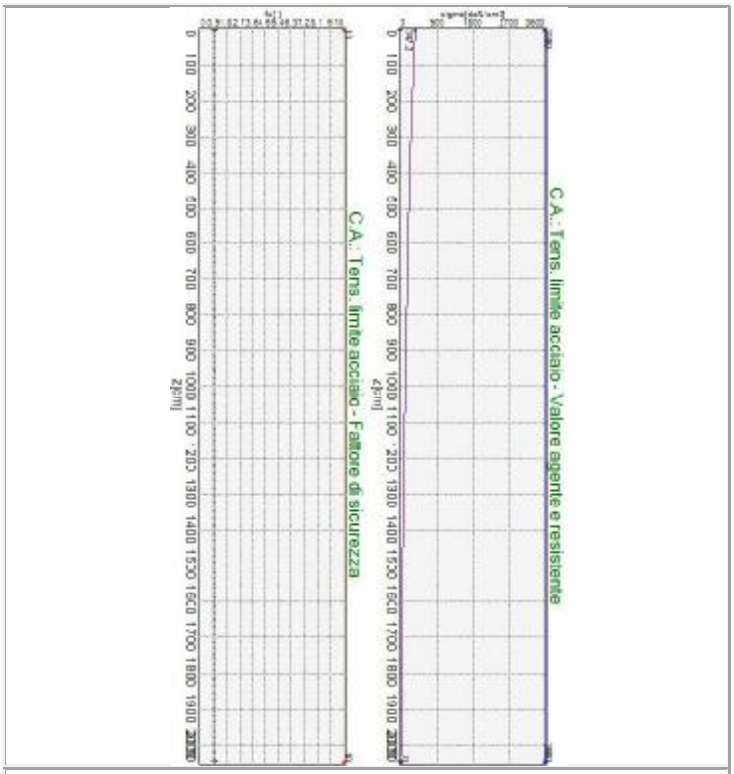
Segue il riassunto della verifica, per tutti i punti maglia, per il caso ed il sestetto che danno il fattore di sicurezza minore.

Verifica: C.A.: Tens. limite cls					
Punto	Caso	Ses.	R_d: sigma[daN/cm2]	S_d: sigma[daN/cm2]	fs[-]
PM1	C6	1	150	6.6	10.00
PM2	C6	1	150	8.7	10.00
PM3	C6	1	150	5.4	10.00
PM4	C6	1	150	10.3	10.00
PM5	C6	1	150	9.1	10.00
PM6	C6	1	150	21.4	7.00
PM7	C6	1	150	25.1	5.97
PM8	C6	1	150	11.3	10.00
PM9	C6	1	150	8.7	10.00
PM10	C6	1	150	9.2	10.00
PM11	C6	1	150	9	10.00
PM12	C6	1	150	9.8	10.00
PM13	C8	1	112.5	1.2	10.00
PM14	C8	1	112.5	0.9	10.00
PM15	C8	1	112.5	1.2	10.00
PM16	C8	1	112.5	1.8	10.00
PM17	C8	1	112.5	1.4	10.00
PM18	C8	1	112.5	1.2	10.00
PM19	C8	1	112.5	0.9	10.00
PM20	C8	1	112.5	0.9	10.00
PM21	C8	1	112.5	0.9	10.00
PM22	C8	1	112.5	2.4	10.00
PM23	C8	1	112.5	1	10.00
PM24	C8	1	112.5	1.2	10.00

PM25	C8	1	112.5	1	10.00
PM26	C8	1	112.5	1	10.00
PM27	C8	1	112.5	0.9	10.00
PM28	C8	1	112.5	0.9	10.00
PM29	C6	1	150	2.1	10.00
PM30	C6	1	150	1.9	10.00
PM31	C8	1	112.5	0.9	10.00
PM32	C6	1	150	3	10.00
PM33	C6	1	150	3.4	10.00
PM34	C6	1	150	4.8	10.00
PM35	C8	1	112.5	1.3	10.00
PM36	C8	1	112.5	1	10.00
PM37	C8	1	112.5	1	10.00
PM38	C8	1	112.5	0.9	10.00
PM39	C8	1	112.5	0.9	10.00
PM40	C6	1	150	2.2	10.00
PM41	C6	1	150	2.6	10.00
PM42	C8	1	112.5	1	10.00
PM43	C8	1	112.5	0.9	10.00
PM44	C8	1	112.5	1	10.00
PM45	C8	1	112.5	2.5	10.00
PM46	C6	1	150	3	10.00
PM47	C6	1	150	3.3	10.00
PM48	C6	1	150	3.6	10.00
PM49	C8	1	112.5	1	10.00
PM50	C8	1	112.5	1.3	10.00
PM51	C6	1	150	5.2	10.00
PM52	C6	1	150	3.9	10.00
PM53	C6	1	150	3.4	10.00
PM54	C8	1	112.5	0.9	10.00
PM55	C6	1	150	2.3	10.00
PM56	C6	1	150	2.6	10.00
PM57	C8	1	112.5	1.4	10.00
PM58	C8	1	112.5	1	10.00
PM59	C8	1	112.5	0.9	10.00
PM60	C8	1	112.5	0.9	10.00
PM61	C8	1	112.5	0.9	10.00
PM62	C8	1	112.5	1	10.00
PM63	C8	1	112.5	1.1	10.00
PM64	C6	1	150	3.5	10.00
PM65	C6	1	150	2.7	10.00
PM66	C8	1	112.5	1	10.00
PM67	C8	1	112.5	0.9	10.00
PM68	C8	1	112.5	1.3	10.00
PM69	C8	1	112.5	1	10.00
PM70	C8	1	112.5	1.1	10.00
PM71	C8	1	112.5	1.5	10.00
PM72	C8	1	112.5	1.8	10.00
PM73	C8	1	112.5	0.9	10.00
PM74	C8	1	112.5	1.4	10.0

14.5 Verifica: C.A.: Tens. limite acciaio

La situazione di verifica più severa, si ottiene nel punto maglia **PM7**, nel caso di carico **C6**, sestetto **1** (Rara).



C.A.: Tens. limite acciaio
Situazione peggiore: Punto maglia PM7, Caso C6, Sestetto 1

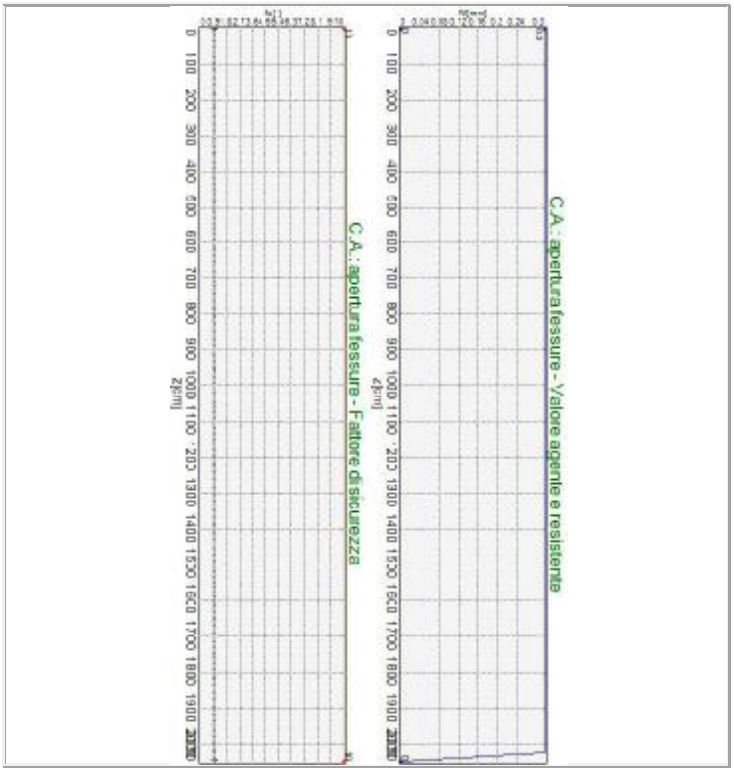
Segue il riassunto della verifica, per tutti i punti maglia, per il caso ed il sestetto che danno il fattore di sicurezza minore.

Verifica: C.A.: Tens. limite acciaio					
Punto	Caso	Ses.	R_d: sigma[daN/cm2]	S_d: sigma[daN/cm2]	fs[-]
PM1	C6	1	3600	96.2	10.00
PM2	C6	1	3600	127.3	10.00
PM3	C6	1	3600	80.1	10.00
PM4	C6	1	3600	153.4	10.00
PM5	C6	1	3600	124.2	10.00
PM6	C6	1	3600	297	10.00
PM7	C6	1	3600	347.2	10.00
PM8	C6	1	3600	169.8	10.00
PM9	C6	1	3600	122.7	10.00
PM10	C6	1	3600	-129	10.00
PM11	C6	1	3600	130.6	10.00
PM12	C6	1	3600	145.2	10.00
PM13	C6	1	3600	26.5	10.00
PM14	C6	1	3600	13.3	10.00
PM15	C6	1	3600	24.3	10.00
PM16	C6	1	3600	32.5	10.00
PM17	C6	1	3600	37.4	10.00
PM18	C6	1	3600	27.6	10.00
PM19	C6	1	3600	13.7	10.00

PM20	C6	1	3600	3	10.00
PM21	C6	1	3600	14.4	10.00
PM22	C6	1	3600	42.3	10.00
PM23	C6	1	3600	23.4	10.00
PM24	C6	1	3600	44.6	10.00
PM25	C6	1	3600	32.6	10.00
PM26	C6	1	3600	22.6	10.00
PM27	C6	1	3600	13.4	10.00
PM28	C6	1	3600	14.9	10.00
PM29	C6	1	3600	41	10.00
PM30	C6	1	3600	34.1	10.00
PM31	C6	1	3600	12.8	10.00
PM32	C6	1	3600	54	10.00
PM33	C6	1	3600	75.6	10.00
PM34	C6	1	3600	90	10.00
PM35	C6	1	3600	47.5	10.00
PM36	C6	1	3600	37.9	10.00
PM37	C6	1	3600	23	10.00
PM38	C6	1	3600	13.4	10.00
PM39	C6	1	3600	14.8	10.00
PM40	C6	1	3600	46.7	10.00
PM41	C6	1	3600	52.5	10.00
PM42	C6	1	3600	16.6	10.00
PM43	C6	1	3600	13.4	10.00
PM44	C6	1	3600	24.9	10.00
PM45	C6	1	3600	43.2	10.00
PM46	C6	1	3600	58.2	10.00
PM47	C6	1	3600	67.3	10.00
PM48	C6	1	3600	73.5	10.00
PM49	C6	1	3600	37.5	10.00
PM50	C6	1	3600	52	10.00
PM51	C6	1	3600	102.5	10.00
PM52	C6	1	3600	86.3	10.00
PM53	C6	1	3600	61	10.00
PM54	C6	1	3600	13.7	10.00
PM55	C6	1	3600	41.6	10.00
PM56	C6	1	3600	49.9	10.00
PM57	C6	1	3600	36.5	10.00
PM58	C6	1	3600	15.7	10.00
PM59	C6	1	3600	13.8	10.00
PM60	C6	1	3600	13.2	10.00
PM61	C6	1	3600	13.3	10.00
PM62	C6	1	3600	31	10.00
PM63	C6	1	3600	26.2	10.00
PM64	C6	1	3600	76.8	10.00
PM65	C6	1	3600	51.3	10.00
PM66	C6	1	3600	34.2	10.00
PM67	C6	1	3600	22.3	10.00
PM68	C6	1	3600	47.2	10.00
PM69	C6	1	3600	23.8	10.00
PM70	C6	1	3600	16.8	10.00
PM71	C6	1	3600	41.6	10.00
PM72	C6	1	3600	40.7	10.00
PM73	C6	1	3600	13	10.00
PM74	C6	1	3600	32.8	10.00

14.6 Verifica: C.A.: apertura fessure

La situazione di verifica più severa, si ottiene nel punto maglia **PM1**, nel caso di carico **C7**, sestetto **1** (Frequente).



C.A.: apertura fessure
Situazione peggiore: Punto maglia PM1, Caso C7, Sestetto 1

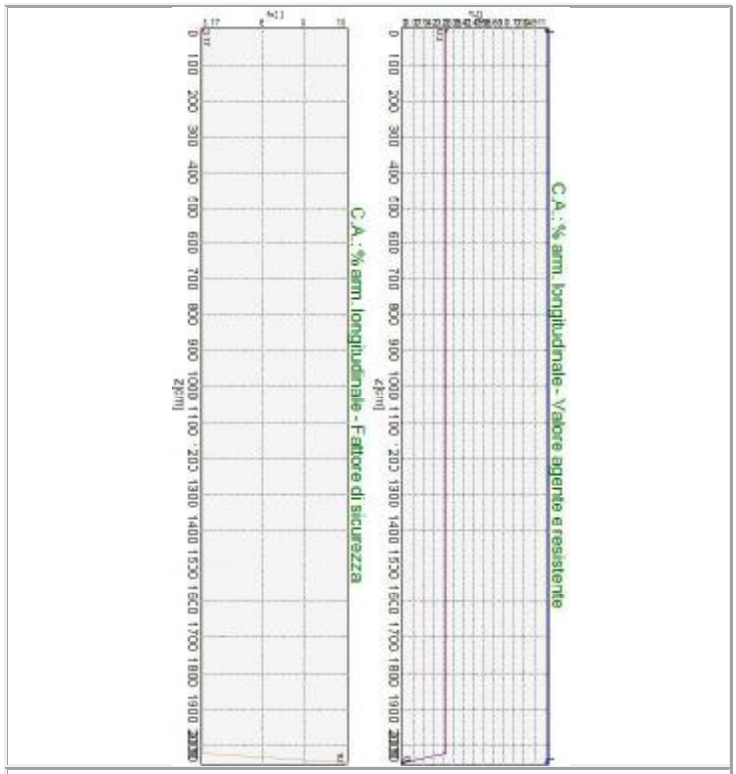
Segue il riassunto della verifica, per tutti i punti maglia, per il caso ed il sestetto che danno il fattore di sicurezza minore.

Verifica: C.A.: apertura fessure					
Punto	Caso	Ses.	R_d: W[mm]	S_d: W[mm]	fs[-]
PM1	C7	1	0.3	0	10.00
PM2	C7	1	0.3	0	10.00
PM3	C7	1	0.3	0	10.00
PM4	C7	1	0.3	0	10.00
PM5	C7	1	0.3	0	10.00
PM6	C7	1	0.3	0	10.00
PM7	C7	1	0.3	0	10.00
PM8	C7	1	0.3	0	10.00
PM9	C7	1	0.3	0	10.00
PM10	C7	1	0.3	0	10.00
PM11	C7	1	0.3	0	10.00
PM12	C7	1	0.3	0	10.00
PM13	C7	1	0.3	0	10.00
PM14	C7	1	0.3	0	10.00
PM15	C7	1	0.3	0	10.00
PM16	C7	1	0.3	0	10.00
PM17	C7	1	0.3	0	10.00
PM18	C7	1	0.3	0	10.00
PM19	C7	1	0.3	0	10.00

PM20	C7	1	0.3	0	10.00
PM21	C7	1	0.3	0	10.00
PM22	C7	1	0.3	0	10.00
PM23	C7	1	0.3	0	10.00
PM24	C7	1	0.3	0	10.00
PM25	C7	1	0.3	0	10.00
PM26	C7	1	0.3	0	10.00
PM27	C7	1	0.3	0	10.00
PM28	C7	1	0.3	0	10.00
PM29	C7	1	0.3	0	10.00
PM30	C7	1	0.3	0	10.00
PM31	C7	1	0.3	0	10.00
PM32	C7	1	0.3	0	10.00
PM33	C7	1	0.3	0	10.00
PM34	C7	1	0.3	0	10.00
PM35	C7	1	0.3	0	10.00
PM36	C7	1	0.3	0	10.00
PM37	C7	1	0.3	0	10.00
PM38	C7	1	0.3	0	10.00
PM39	C7	1	0.3	0	10.00
PM40	C7	1	0.3	0	10.00
PM41	C7	1	0.3	0	10.00
PM42	C7	1	0.3	0	10.00
PM43	C7	1	0.3	0	10.00
PM44	C7	1	0.3	0	10.00
PM45	C7	1	0.3	0	10.00
PM46	C7	1	0.3	0	10.00
PM47	C7	1	0.3	0	10.00
PM48	C7	1	0.3	0	10.00
PM49	C7	1	0.3	0	10.00
PM50	C7	1	0.3	0	10.00
PM51	C7	1	0.3	0	10.00
PM52	C7	1	0.3	0	10.00
PM53	C7	1	0.3	0	10.00
PM54	C7	1	0.3	0	10.00
PM55	C7	1	0.3	0	10.00
PM56	C7	1	0.3	0	10.00
PM57	C7	1	0.3	0	10.00
PM58	C7	1	0.3	0	10.00
PM59	C7	1	0.3	0	10.00
PM60	C7	1	0.3	0	10.00
PM61	C7	1	0.3	0	10.00
PM62	C7	1	0.3	0	10.00
PM63	C7	1	0.3	0	10.00
PM64	C7	1	0.3	0	10.00
PM65	C7	1	0.3	0	10.00
PM66	C7	1	0.3	0	10.00
PM67	C7	1	0.3	0	10.00
PM68	C7	1	0.3	0	10.00
PM69	C7	1	0.3	0	10.00
PM70	C7	1	0.3	0	10.00
PM71	C7	1	0.3	0	10.00
PM72	C7	1	0.3	0	10.00
PM73	C7	1	0.3	0	10.00
PM74	C7	1	0.3	0	10.00

14.7 Verifica: C.A.: % arm. longitudinale

La situazione di verifica più severa, si ottiene nel punto maglia **PM1**, nel caso di carico **C2**, sestetto **1** (Stato limite ultimo).



C.A.: % arm. longitudinale
Situazione peggiore: Punto maglia PM1, Caso C2, Sestetto 1

Segue il riassunto della verifica, per tutti i punti maglia, per il caso ed il sestetto che danno il fattore di sicurezza minore.

Verifica: C.A.: % arm. longitudinale					
Punto	Caso	Ses.	R_d: %[]	S_d: %[]	fs[-]
PM1	C2	1	1	0.3	3.17
PM2	C2	1	1	0.3	3.17
PM3	C2	1	1	0.3	3.17
PM4	C2	1	1	0.3	3.17
PM5	C2	1	1	0.3	3.17
PM6	C2	1	1	0.3	3.17
PM7	C2	1	1	0.3	3.17
PM8	C2	1	1	0.3	3.17
PM9	C2	1	1	0.3	3.17
PM10	C2	1	1	0.3	3.17
PM11	C2	1	1	0.3	3.17
PM12	C2	1	1	0.3	3.17
PM13	C2	1	1	0.3	3.17
PM14	C2	1	1	0.3	3.17
PM15	C2	1	1	0.3	3.17
PM16	C2	1	1	0.3	3.17
PM17	C2	1	1	0.3	3.17
PM18	C2	1	1	0.3	3.17
PM19	C2	1	1	0.3	3.17

PM20	C2	1	1	0.3	3.17
PM21	C2	1	1	0.3	3.17
PM22	C2	1	1	0.3	3.17
PM23	C2	1	1	0.3	3.17
PM24	C2	1	1	0.3	3.17
PM25	C2	1	1	0.3	3.17
PM26	C2	1	1	0.3	3.17
PM27	C2	1	1	0.3	3.17
PM28	C2	1	1	0.3	3.17
PM29	C2	1	1	0.3	3.17
PM30	C2	1	1	0.3	3.17
PM31	C2	1	1	0.3	3.17
PM32	C2	1	1	0.3	3.17
PM33	C2	1	1	0.3	3.17
PM34	C2	1	1	0.3	3.17
PM35	C2	1	1	0.3	3.17
PM36	C2	1	1	0.3	3.17
PM37	C2	1	1	0.3	3.17
PM38	C2	1	1	0.3	3.17
PM39	C2	1	1	0.3	3.17
PM40	C2	1	1	0.3	3.17
PM41	C2	1	1	0.3	3.17
PM42	C2	1	1	0.3	3.17
PM43	C2	1	1	0.3	3.17
PM44	C2	1	1	0.3	3.17
PM45	C2	1	1	0.3	3.17
PM46	C2	1	1	0.3	3.17
PM47	C2	1	1	0.3	3.17
PM48	C2	1	1	0.3	3.17
PM49	C2	1	1	0.3	3.17
PM50	C2	1	1	0.3	3.17
PM51	C2	1	1	0.3	3.17
PM52	C2	1	1	0.3	3.17
PM53	C2	1	1	0.3	3.17
PM54	C2	1	1	0.3	3.17
PM55	C2	1	1	0.3	3.17
PM56	C2	1	1	0.3	3.17
PM57	C2	1	1	0.3	3.17
PM58	C2	1	1	0.3	3.17
PM59	C2	1	1	0.3	3.17
PM60	C2	1	1	0.3	3.17
PM61	C2	1	1	0.3	3.17
PM62	C2	1	1	0.3	3.17
PM63	C2	1	1	0.3	3.17
PM64	C2	1	1	0.3	3.17
PM65	C2	1	1	0.3	3.17
PM66	C2	1	1	0.3	3.17
PM67	C2	1	1	0.3	3.17
PM68	C2	1	1	0.3	3.17
PM69	C2	1	1	0.3	3.17
PM70	C2	1	1	0.3	3.17
PM71	C2	1	1	0.3	3.17
PM72	C2	1	1	0.3	3.17
PM73	C2	1	1	0.3	3.17