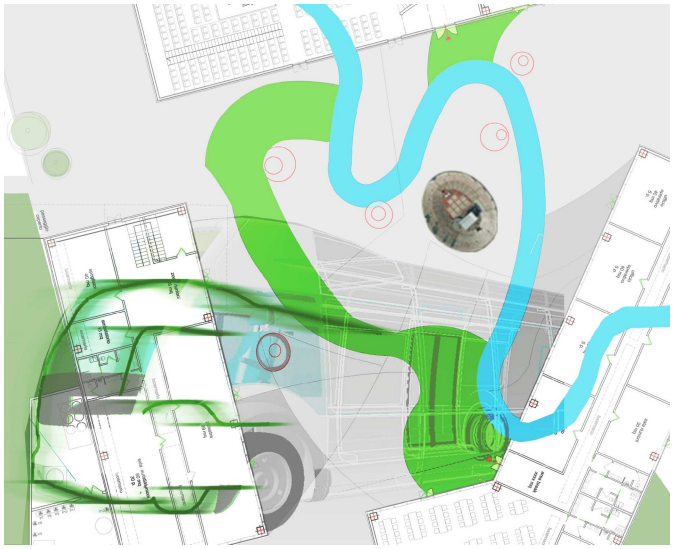
COMUNE DI VERONA
AZIENDA MOBILITA' TRASPORTI S.P.A.

SISTEMA DI TRASPORTO PUBBLICO DI TIPO FILOVIARIO

GARA D'APPALTO PER LA PROGETTAZIONE ESECUTIVA, L'ESECUZIONE DEI LAVORI E LA FORNITURA DEI VEICOLI

OFFERTA TECNICA
B2 - PROGETTO DEFINITIVO



PROGETTO :

SOTTOSTAZIONI
PROGETTO STRUTTURALE
Sottostazioni fuori terra
Relazione tecnica e di calcolo

SCALA	-
RIF. N°	PD-E0201-RT01-A.doc
ALLEGATO N°	**PD E0201 RT01A**

CONCORRENTE
ATI:

SOVECO COSTRUZIONI SPA
CONSORZIO COOPERATIVE COSTRUZIONI CCC Società cooperativa (MANDATARIA/CAPOGRUPPO)
MAZZI Impresa Generale Costruzioni S.p.A.
APTS Advanced Public Transport Systems bv
ALPIQ Alpiq InTec Verona S.p.A.
Balfour Beatty Rail

PROGETTAZIONE
COSTITUENDO R.T.P.:

TECHNITAL
(MANDATARIA/CAPOGRUPPO)
DIRETTORE TECNICO
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REV.	DATA	DESCRIZIONE	ELABORAZIONE	REDATTO	VISTO	APPROVATO
A	Dic. 2010	Emissione	Girpa	De Fanti	Bottoni	Butterini

INTRODUZIONE

Nell'ambito della progettazione del sistema di trasporto pubblico di tipo filoviario, si rende necessaria l'ubicazione lungo il percorso di Sottostazioni elettriche per l'alimentazione dei mezzi.

Le sottostazioni elettriche si suddividono in due tipologie ovvero, fuori terra ed interrate. In questa relazione viene esaminata la struttura delle sottostazioni fuori terra.

La tipologia costruttiva delle sottostazioni fuori terra è caratterizzata da una fondazione a platea in calcestruzzo armato dello spessore di 0.40 m con estradosso a quota -0.40 m rispetto il piano campagna.

Il muro perimetrale è costituito da una muratura armata che assume anche il ruolo di struttura portante verticale.

La copertura di tipo piano viene eseguita mediante un solaio in laterocemento che appoggia sul muro perimetrale con sviluppo maggiore. La copertura viene realizzata mediante un massetto delle pendenze di spessore medio 10 cm con stesura di una doppia guaina bituminosa e zavorra di 10 cm in ghiaia.

Il collegamento tra solaio di copertura e struttura portante verticale viene effettuato con un cordolo in cemento armato lungo l'intero perimetro della struttura.

1. RIFERIMENTI NORMATIVI

Le normative adottate per l'esecuzione del progetto sono le seguenti:

- Decreto ministeriale 14 Gennaio 2008 " Norme tecniche per le costruzioni";
- Circ. Min. 02/02/2009 n.617: "Istruzione per l'applicazione delle "Nuove norme tecniche per le costruzioni" di cui al decreto ministeriale 14 gennaio 2008";
- UNI EN 1992-2005: "Progettazione delle strutture in calcestruzzo";
- Legge 1086 del 05.11.1971 "Norme per la disciplina delle opere di conglomerato cementizio armato".
- Legge 64 del 02.02.1974 "Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche".
- D.M. LL.PP. 16.01.1996 – Norme tecniche per le costruzioni in zone sismiche.
- O.P.C.M. n. 3519 28 aprile 2006 - Criteri generali per l'individuazione delle zone sismiche e per la formazione e l'aggiornamento degli elenchi delle medesime zone. (GU n. 108 del 11-5-2006)

2. MATERIALI

Le caratteristiche tecniche dei materiali utilizzati per l'esecuzione dell'opera vengono riportati di seguito.

2.1. CONGLOMERATO CEMENTIZIO

Calcestruzzo per fondazioni	C25/30
Resistenza caratteristica su cubi:	$R_{ck} = 30$ N/mm^2
Resistenza a compressione cilindrica:	$f_{ck} = 0.83\ R_{ck} = 24.90$ N/mm^2
Resistenza media a trazione semplice:	$f_{ctm} = 0.30\ f_{ck}^{2/3} = 2.56$ N/mm^2
Modulo elastico	$E_{cm} = 22000\ (f_{cm}/10)^{0.3} = 31447.16$ N/mm^2

Calcestruzzo per elementi di elevazione e solaio di copertura	C28/35
Resistenza caratteristica su cubi:	$R_{ck} = 35$ N/mm^2
Resistenza a compressione cilindrica:	$f_{ck} = 0.83\ R_{ck} = 29.05$ N/mm^2
Resistenza media a trazione semplice:	$f_{ctm} = 0.30\ f_{ck}^{2/3} = 2.83$ N/mm^2
Modulo elastico	$E_{cm} = 22000\ (f_{cm}/10)^{0.3} = 33721.65$ N/mm^2

2.2. ACCIAIO

Acciaio ordinario per elementi in c.a. B450C

L'acciaio per cemento armato B450C è caratterizzato dai seguenti valori di resistenza:

Valore nominale della tensione caratteristica di snervamento	f_{ynom}=450 N/mm^2
Valore nominale della tensione caratteristica a rottura	f_{tnom}=540 N/mm^2
Tensione caratteristica a snervamento	$f_{yk} \geq f_{ynom}$
Tensione caratteristica di rottura	$f_{yk} \geq f_{tnom}$
Resistenza di calcolo dell'acciaio	$f_{yd} = f_{yk} / \gamma_s = 450/1.15 = 391.3$ N/mm^2

2.3. BLOCCHI PER MURATURA ARMATA

Massa volumica	800 kg/m^3
Resistenza meccanica dei blocchi :	
- Resistenza a compressione nella direzione dei carichi verticali	12 N/mm^2
- Resistenza a compr. nella direz. ortogonale a quella dei carichi verticali e nel piano della muratura	2 N/mm^2
Resistenza meccanica della muratura:	
- Resistenza a caratteristica a compressione	5 N/mm^2
- Resistenza caratteristica a taglio in assenza di carichi verticali	0.25 N/mm^2

3. INQUADRAMENTO GEOLOGICO - GEOTECNICO

Per il dimensionamento e il calcolo delle sottostazioni elettriche fuori terra si fa riferimento alle seguenti caratteristiche del terreno:

- Depositi ghiaioso sabbiosi;
- peso di volume γ = 18.50 kN/m^3
- Coesione c' = 0 kPa
- angolo d'attrito ϕ' = 32°
- modulo elastico E = 30 MPa
- falda a profondità non inferiore a 10 m da p.c.
- categoria di suolo di fondazione: C
- permeabilità del terreno: K = 1.1 10^{-4} m/sec

Per il tratto che si trova tra Via Pisano, Via Zeviani, Via del Capitel, Via della Corte si hanno invece, i seguenti parametri di terreno:

- depositi argillo limosi
- peso di volume γ = 19.00 kN/m^3
- Coesione c' = 15 kPa
- angolo d'attrito ϕ' = 25°
- modulo elastico E = 10 MPa
- falda a profondità non inferiore a 10 m da p.c.
- categoria di suolo di fondazione: C
- permeabilità del terreno: K = 1.1 10^{-8} m/sec

4. PROGRAMMA DI CALCOLO

Il programma di calcolo utilizzato per la modellazione della struttura e la verifica della stessa è SISMICAD 11.9.

Si tratta di un programma di calcolo strutturale che nella versione più estesa è dedicato al progetto e verifica degli elementi in cemento armato, acciaio, muratura e legno di opere civili. Il programma utilizza come analizzatore e solutore del modello strutturale un proprio solutore agli elementi finiti tridimensionale fornito col pacchetto.

Il programma schematizza la struttura attraverso l'introduzione nell'ordine di fondazioni, poste anche a quote diverse, platee, platee nervate, plinti e travi di fondazione poggianti tutte su suolo elastico alla Winkler, di elementi verticali, pilastri e pareti in c.a. anche con fori, di orizzontamenti costituiti da solai orizzontali e inclinati (falde), e relative travi di piano e di falda. I nodi strutturali possono essere connessi solo a travi, pilastri e pareti, simulando così impalcati infinitamente deformabili nel piano, oppure a elementi lastra di spessore dichiarato dall'utente simulando in tal modo impalcati a rigidezza finita. I nodi appartenenti agli impalcati orizzontali possono essere connessi rigidamente ad uno o più nodi principali giacenti nel piano dell'impalcato; generalmente un nodo principale coincide con il baricentro delle masse. Tale opzione, oltre a ridurre significativamente i tempi di elaborazione, elimina le approssimazioni numeriche connesse all'utilizzo di elementi lastra quando si richiede l'analisi a impalcati infinitamente rigidi. Per quanto concerne i carichi, in fase di immissione dati, vengono definite, in numero a scelta dell'utente, condizioni di carico elementari le quali, in aggiunta alle azioni sismiche e variazioni termiche, vengono combinate attraverso coefficienti moltiplicativi per fornire le combinazioni richieste per le verifiche successive. L'effetto di disassamento delle forze orizzontali, indotto ad esempio dai torcenti di piano per costruzioni in zona sismica, viene simulato attraverso l'introduzione di eccentricità planari aggiuntive le quali costituiscono ulteriori condizioni elementari di carico da cumulare e combinare secondo i criteri del paragrafo precedente. Tipologicamente sono ammessi sulle travi e sulle pareti carichi uniformemente distribuiti e carichi trapezoidali; lungo le aste e nei nodi di incrocio delle membrature sono anche definibili componenti di forze e coppie concentrate comunque dirette nello spazio. Sono previste distribuzioni di temperatura, di intensità a scelta dell'utente, agenti anche su singole porzioni di struttura. Il calcolo delle sollecitazioni si basa sulle seguenti ipotesi e modalità: travi e pilastri deformabili a sforzo normale, flessione deviata, taglio deviato e momento torcente. Le travi di fondazione su suolo alla Winkler sono risolte in forma chiusa tramite uno specifico elemento finito; le pareti in c.a. sono analizzate schematizzandole come elementi lastra-piastra discretizzati con passo massimo assegnato in fase di immissione dati; - le pareti in muratura possono essere schematizzate con elementi lastra-piastra con spessore flessionale ridotto rispetto allo spessore membranale. I plinti su suolo alla Winkler sono modellati

con la introduzione di molle verticali elastoplastiche. La traslazione orizzontale a scelta dell'utente è bloccata o gestita da molle orizzontali di modulo di reazione proporzionale al verticale. Nel caso di platee di fondazione i nodi sono collegati al suolo da molle aventi rigidezze alla traslazione verticale ed richiesta anche orizzontale.- La deformabilità nel proprio piano di piani dichiarati non infinitamente rigidi e di falde (piani inclinati) può essere controllata attraverso la introduzione di elementi membranali nelle zone di solaio. I disassamenti tra elementi asta sono gestiti automaticamente dal programma attraverso la introduzione di collegamenti rigidi locali. Alle estremità di elementi asta è possibile inserire svincolamenti tradizionali così come cerniere parziali (che trasmettono una quota di ciò che trasmetterebbero in condizioni di collegamento rigido) o cerniere plastiche. Alle estremità di elementi bidimensionali è possibile inserire svincolamenti con cerniere parziali del momento flettente avente come asse il bordo dell'elemento. Il calcolo degli effetti del sisma è condotto, a scelta dell'utente, con analisi statica lineare, con analisi dinamica modale o con analisi statica non lineare, in accordo alle varie normative adottate. Le masse, nel caso di impalcati dichiarati rigidi sono concentrate nei nodi principali di piano altrimenti vengono considerate diffuse nei nodi giacenti sull'impalcato stesso. Nel caso di analisi sismica vengono anche controllati gli spostamenti di interpiano.

5. ANALISI DEI CARICHI

I carichi agenti sulla struttura si distinguono in pesi strutturali, permanenti portati e accidentali variabili.
Si specificano nei paragrafi successivi l'entità dei carichi utilizzati per l'analisi della struttura in esame.

5.1. Solaio di copertura

Il solaio di copertura è costituito da una struttura in latero cemento di spessore di 28 + 4 cm sul quale viene realizzato un massetto in calcestruzzo per la realizzazione della pendenza dello spessore medio di circa 10 cm. Sul massetto viene inoltre posizionata una doppia guaina impermeabilizzante in bitume sul quale viene a sua volta immesso una zavorra in ghiaia dello spessore di 10 cm.

PESO PROPRIO DEL SOLAIO (28+4)	4.01 kN/m^2
CARICHI PERMANENTI PORTATI	
Massetto delle pendenze (Spessore medio=10cm-pendenza 2%)	2 kN/m^2
Impermeabilizzazione con guaina bituminosa + isolante termico	0.1 kN/m^2
Intonaco di finitura interna sp. 0.015	0.3 kN/m^2
Eventuale finiturra su copertura	0.1 kN/m^2
Ghiaia sp. 10 cm	1.8 kN/m^2

5.2. Pareti perimetrali portanti

La struttura portante verticale è caratterizzata dalla muratura armata posizionata sul perimetro.

Il peso della muratura armata viene assunto a favore di sicurezza pari a 20 kN/m^3.

Il carico della parete perimetrale viene determinato in automatico dal programma di calcolo.

5.3. Carico accidentale variabile

Sulla copertura viene considerato un carico variabile accidentale per l'eventuale manutenzione pari a 1,00 kN/m^2. Tale carico non vienemai combinato con il carico da neve.

5.4. Carico della neve

Il carico della neve viene valutato secondo quanto previsto dalla normativa D.M. 14 Gennaio 2008 al punto 3.4.1..

Il carico provocato dalla neve sulle coperture viene valutato mediante la seguente espressione:

$$q_s = \mu_i \times q_{sk} \times C_E \times C_t = \quad 0{,}8 \quad kN/m^2$$

q_s è il carico neve sulla copertura;			
μ_i è il coefficiente di forma della copertura (0° < α < 30°)	μ_i =	0,80	
q_{sk} è il valore caratt. di riferimento del carico neve al suolo per un periodo di ritorno di 50 anni, zona II	q_{sk} =	1,00	kN/m^2
C_E è il coefficiente di esposizione (Topografia normale)	C_E =	1,00	
C_t è il coefficiente termico	C_t =	1,00	

5.5. Azione sismica

L'analisi della struttura all'azione sismica viene effettuato previa definizione dei parametri sismici che vengono definiti nel paragrafo seguente secondo le specifiche del D.M. 14 gennaio 2008.

5.5.1. PARAMETRI SISMICI

Le azioni sismiche di progetto, in base alle quali valutare il rispetto dei diversi stati limite considerati, si definiscono a partire dalla "pericolosità sismica di base" del sito di costruzione, che costituisce l'elemento di conoscenza primario per la determinazione delle azioni sismiche.

La pericolosità sismica è definita in termini di accelerazione orizzontale massima attesa a_g in condizioni di campo libero su sito di riferimento rigido con superficie topografica orizzontale di categoria A, nonché di

ordinate dello spettro di risposta elastico in accelerazione ad essa corrispondente $S_e(T)$, con riferimento a prefissate probabilità di eccedenza P_{VR} nel periodo di riferimento V_R.

Nel presente progetto è stata verificata la combinazione di carico sismica con riferimento allo stato limite ultimo di salvaguardia della vita (SLV): a seguito del terremoto la struttura subisce rotture e crolli dei componenti non strutturali ed impiantistici e significativi danni dei componenti strutturali cui si associa una perdita significativa di rigidezza nei confronti delle azioni orizzontali; mentre conserva invece una parte della esistenza e rigidezza per azioni verticali e un margine di sicurezza nei confronti del collasso per azioni sismiche orizzontali.

5.5.1.1. VITA NOMINALE

La vita nominale di un'opera strutturale è intesa come il numero di anni nel quale la struttura, purché soggetta alla manutenzione ordinaria, deve poter essere usata per lo scopo al quale è destinata. Nel caso in oggetto, l'opera ricade all'interno del tipo di costruzione: "Opere ordinarie, ponti, opere infrastrutturali e dighe di dimensioni contenute o di importanza normale" (paragrafo 2.4 delle 'Nuove Norme tecniche per le costruzioni – D.M. 14 gennaio 2008'').

La vita nominale si assume pertanto pari a V_N = 50 anni.

5.5.1.2. CLASSE D'USO

In presenza di azioni sismiche, con riferimento alle conseguenze di una interruzione di operatività o di un'eventuale collasso, le costruzioni sono suddivise in classi d'uso. Nel caso in oggetto si fa riferimento alla Classe II: "Costruzioni il cui uso preveda normali affollamenti, senza contenuti pericolosi per l'ambiente e senza funzioni pubbliche e sociali essenziali. Industrie con attività non pericolose per l'ambiente. Ponti, opere infrastrutturali, reti viarie non ricadenti in Classe d'uso III o in Classe d'uso IV, reti ferroviarie la cui interruzione non provochi situazioni di emergenza. Dighe il cui collasso non provochi conseguenze rilevanti."

Il coefficiente d'uso si assume pertanto pari a c_U = 1,0.

5.5.1.3. PERIODO DI RIFERIMENTO PER L'AZIONE SISMICA

Le azioni sismiche su ciascuna costruzione vengono valutate in relazione ad un periodo di riferimento V_R che si ricava, per ciascun tipo di costruzione, moltiplicandone la vita nominale V_N per il coefficiente d'uso C_U. Tale coefficiente è funzione della classe d'uso.

$V_R = V_N \times C_U$ = 50 anni x 1 = 50 anni

Le probabilità di superamento P_{VR} nel periodo di riferimento V_R, cui riferirsi per individuare l'azione sismica agente, sono pari al 10% nel caso dello stato limite SLV.

5.5.1.4. PARAMETRI DI PROGETTO

Le azioni di progetto si ricavano, ai sensi delle NTC, dalle accelerazioni a_g e dalle relative forme spettrali. Le forme spettrali previste dalle NTC sono definite, su sito di riferimento rigido orizzontale, in funzione dei tre parametri:

- a_g accelerazione orizzontale massima del terreno;
- F_0 valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale;
- T_C^* periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale.

Per ciascun nodo del reticolo di riferimento e per ciascuno dei periodi di ritorno T_R considerati dalla pericolosità sismica, i tre parametri si ricavano riferendosi ai valori corrispondenti al 50esimo percentile ed attribuendo ad:

- a_g il valore previsto dalla pericolosità sismica;
- F_0 e T_C^* i valori ottenuti imponendo che le forme spettrali in accelerazione, velocità e spostamento previste dalle NTC scartino al minimo dalle corrispondenti forme spettrali previste dalla pericolosità sismica.

Le forme spettrali previste dalle NTC sono caratterizzate da prescelte probabilità di superamento e vite di riferimento. A tal fine occorre fissare:

- la vita di riferimento V_R della costruzione;
- le probabilità di superamento nella vita di riferimento P_{VR} associate agli stati limite considerati, per individuare infine, a partire dai dati di pericolosità sismica disponibili, le corrispondenti azioni sismiche.

A tal fine è conveniente utilizzare, come parametro caratterizzante la pericolosità sismica, il periodo di ritorno dell'azione sismica T_R, espresso in anni. Fissata la vita di riferimento V_R, i due parametri T_R e P_{VR} sono immediatamente esprimibili, l'uno in funzione dell'altro, mediante l'espressione:

$$T_R = -\frac{V_R}{\ln(1-P_{VR})} = -\frac{50}{\ln(1-0.1)} = 475\ anni$$

Si assume quindi come periodo di ritorno T_R = 475 anni.

I valori dei parametri a_g , F_0 e T_C^* relativi alla pericolosità sismica su reticolo di riferimento nell'intervallo di riferimento sono forniti nelle tabelle riportate nell'ALLEGATO B delle NTC.

I punti del reticolo di riferimento sono definiti in termini di Latitudine e Longitudine ed ordinati a Latitudine e Longitudine crescenti, facendo variare prima la Longitudine e poi la Latitudine. L'accelerazione al sito a_g è espressa in g/10; F_0 è adimensionale, T_C^* è espresso in secondi.

Nel seguito si riporta una tabella riassuntiva dei parametri che caratterizzano il Comune di Verona:

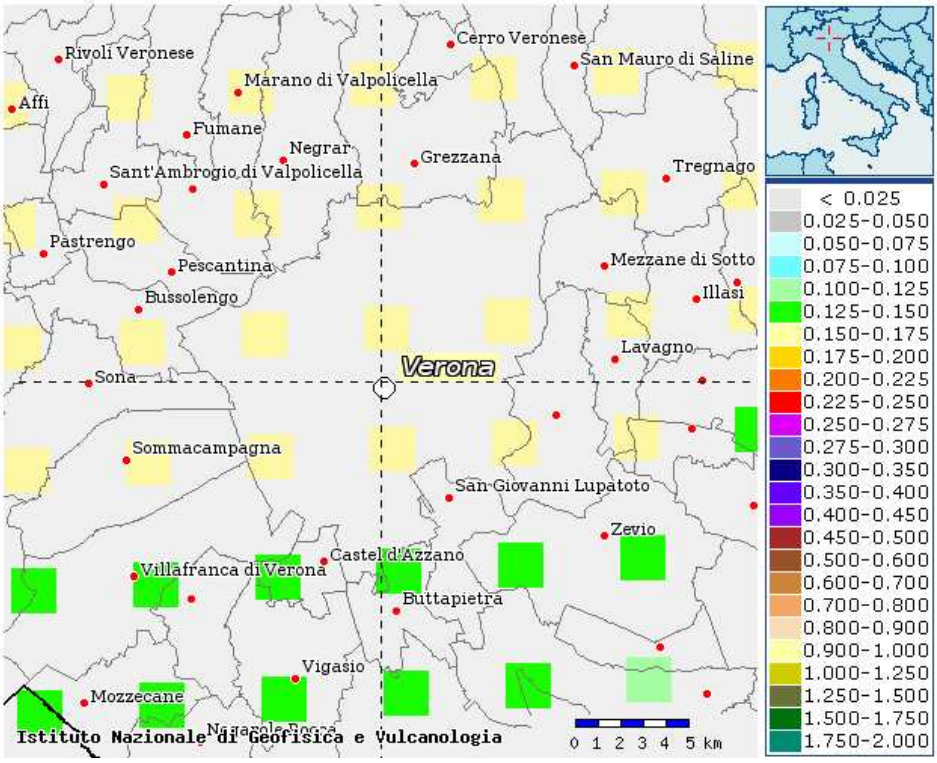


Fig. 7.1 - Mappa di pericolosità sismica

FASE 1. INDIVIDUAZIONE DELLA PERICOLOSITÁ DEL SITO

Ricerca per coordinate

LONGITUDINE	LATITUDINE
10,9988	45,4351

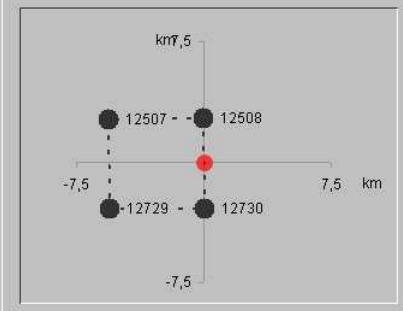
Ricerca per comune

REGIONE	PROVINCIA	COMUNE
Veneto	Verona	Verona

Elaborazioni grafiche
- Grafici spettri di risposta
- Variabilità dei parametri

Elaborazioni numeriche
- Tabella parametri

Nodi del reticolo intorno al sito



Reticolo di riferimento

Controllo sul reticolo
- Sito esterno al reticolo
- Interpolazione su 3 nodi
- Interpolazione corretta

Interpolazione: media ponderata

La **"Ricerca per comune"** utilizza le coordinate ISTAT del comune per identificare il sito. Si sottolinea che all'interno del territorio comunale le azioni sismiche possono essere significativamente diverse da quelle così individuate e si consiglia, quindi, la **"Ricerca per coordinate"**.

FASE 2. SCELTA DELLA STRATEGIA DI PROGETTAZIONE

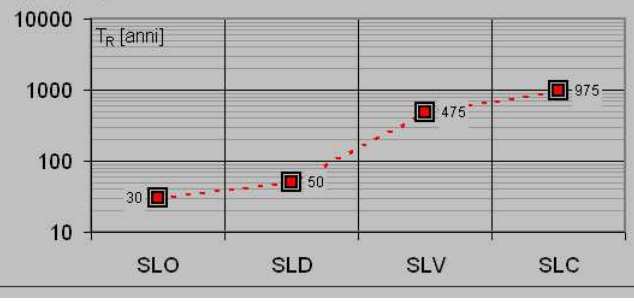
Vita nominale della costruzione (in anni) - V_N	50	info
Coefficiente d'uso della costruzione - c_U	1	info

Valori di progetto

Periodo di riferimento per la costruzione (in anni) - V_R	50	info
Periodi di ritorno per la definizione dell'azione sismica (in anni) - T_R		info
Stati limite di esercizio - SLE: SLO - P_{VR} = 81%	30	
Stati limite di esercizio - SLE: SLD - P_{VR} = 63%	50	
Stati limite ultimi - SLU: SLV - P_{VR} = 10%	475	
Stati limite ultimi - SLU: SLC - P_{VR} = 5%	975	

Elaborazioni
- Grafici parametri azione
- Grafici spettri di risposta
- Tabella parametri azione

Strategia di progettazione



LEGENDA GRAFICO
- Strategia per costruzioni ordinarie
- Strategia scelta

Valori dei parametri a_g, F_o, T_C^* per i periodi di ritorno T_R associati a ciascuno SL

SLATO LIMITE	T_R [anni]	a_g [g]	F_o [-]	T_C^* [s]
SLO	30	0,041	2,510	0,235
SLD	50	0,056	2,518	0,246
SLV	475	0,157	2,430	0,276
SLC	975	0,204	2,470	0,280

5.5.1.5. CLASSIFICAZIONE SISMICA DEL TERRENO

Ai fini della definizione dell'azione sismica di progetto, in accordo con le NTC, si fa riferimento all'approccio semplificato che si basa sulla individuazione di categorie di sottosuolo di riferimento.
In base alle indagini geologico-tecniche effettuate il terreno risulta essere di Classe C, che include depositi di terreni a grana grossa mediamente addensati o terreni a grana fina mediamente consistenti.

5.5.1.6. SPETTRO DI RISPOSTA ELASTICO IN ACCELERAZIONE

Lo spettro di risposta elastico in accelerazione è espresso da una forma spettrale (spettro normalizzato) riferita ad uno smorzamento convenzionale del 5%, moltiplicata per il valore della accelerazione orizzontale massima a_g su sito di riferimento rigido orizzontale. Sia la forma spettrale che il valore di a_g variano al variare della probabilità di superamento nel periodo di riferimento P_{VR}.

SPETTRO DI RISPOSTA ELASTICO IN ACCELERAZIONE, COMPONENTI ORIZZONTALI

Lo spettro di risposta elastico della componente orizzontale è definito dalle espressioni seguenti:

$$0 \le T \le T_B \qquad S_e(T) = a_g \cdot S \cdot \eta \cdot F_0 \left[\frac{T}{T_B} + \frac{1}{\eta \cdot F_0} \cdot \left(1 - \frac{T}{T_B} \right) \right]$$

$$T_B \le T \le T_C \qquad S_e(T) = a_g \cdot S \cdot \eta \cdot F_0$$

$$T_C \le T \le T_D \qquad S_e(T) = a_g \cdot S \cdot \eta \cdot F_0 \cdot \frac{T_C}{T}$$

$$T_D \le T \qquad S_e(T) = a_g \cdot S \cdot \eta \cdot F_0 \cdot \left(\frac{T_C \cdot T_D}{T^2} \right)$$

nelle quali T ed S_e sono, rispettivamente, periodo di vibrazione ed accelerazione spettrale orizzontale. Inoltre:

- S: è il coefficiente che tiene conto della categoria di sottosuolo e delle condizioni topografiche mediante la relazione seguente: $S = S_S \cdot S_T$;

- essendo S_S il coefficiente di amplificazione stratigrafica e S_T il coefficiente di amplificazione topografica riportati nelle tabelle seguenti;
- η: è il fattore che altera lo spettro elastico per coefficienti di smorzamento viscosi convenzionali x diversi dal 5%, mediante la relazione: $\eta = \sqrt{\frac{10}{(5+\xi)}} \geq 0{,}55$
- dove ξ (espresso in percentuale) è valutato sulla base di materiali, tipologia strutturale e terreno di fondazione;
- F_o: è il fattore che quantifica l'amplificazione spettrale massima, su sito di riferimento rigido orizzontale, ed ha valore minimo pari a 2,2;

CATEGORIA SOTTOSUOLO	**S_S**	**C_C**
A	1,00	1,00
B	$1{,}00 \leq 1{,}40 - 0{,}40 \cdot F_0 \cdot \frac{a_g}{g} \leq 1{,}20$	$1{,}10 \cdot (T^*_C)^{-0{,}20}$
C	$1{,}00 \leq 1{,}70 - 0{,}60 \cdot F_0 \cdot \frac{a_g}{g} \leq 1{,}50$	$1{,}05 \cdot (T^*_C)^{-0{,}33}$
D	$0{,}90 \leq 2{,}40 - 1{,}50 \cdot F_0 \cdot \frac{a_g}{g} \leq 1{,}80$	$1{,}25 \cdot (T^*_C)^{-0{,}50}$
E	$1{,}00 \leq 2{,}00 - 1{,}10 \cdot F_0 \cdot \frac{a_g}{g} \leq 1{,}60$	$1{,}15 \cdot (T^*_C)^{-0{,}40}$

CATEGORIA TOPOGRAFICA	**Ubicazione dell'opera o dell'intervento**	**S_T**
T1	-	1,0
T2	In corrispondenza della sommità del pendio	1,2
T3	In corrispondenza della cresta del rilievo con inclinazione media 15° ≤ i ≤ 30°	1,2
T4	In corrispondenza della cresta del rilievo con inclinazione media i > 30°	1,4

- T_C: è il periodo corrispondente all'inizio del tratto a velocità costante dello spettro, dato da: $T_C = C_C \cdot T^*_C$; dove C_C è un coefficiente funzione della categoria di sottosuolo;
- T_B: è il periodo corrispondente all'inizio del tratto dello spettro ad accelerazione costante; $T_B = T_C / 3$;
- T_D: è il periodo corrispondente all'inizio del tratto a spostamento costante dello spettro, espresso in secondi mediante la relazione: $T_D = 4{,}0 \cdot \frac{a_g}{g} + 1{,}6$.

SPETTRO DI RISPOSTA ELASTICO IN ACCELERAZIONE, COMPONENTI VERTICALI

Lo spettro di risposta elastico in accelerazione della componente verticale è definito dalle espressioni seguenti:

$0 \le T \le T_B$ $\qquad S_{ve}(T) = a_g \cdot S \cdot \eta \cdot F_V \left[\frac{T}{T_B} + \frac{1}{\eta \cdot F_0} \cdot \left(1 - \frac{T}{T_B} \right) \right]$

$T_B \le T \le T_C$ $\qquad S_e(T) = a_g \cdot S \cdot \eta \cdot F_V$

$T_C \le T \le T_D$ $\qquad S_e(T) = a_g \cdot S \cdot \eta \cdot F_V \cdot \frac{T_C}{T}$

$T_D \le T$ $\qquad S_e(T) = a_g \cdot S \cdot \eta \cdot F_V \cdot \left(\frac{T_C \cdot T_D}{T^2} \right)$

nelle quali T e S_{ve} sono, rispettivamente, periodo di vibrazione ed accelerazione spettrale verticale e F_v è il 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:

$$F_V = 1{,}35 \cdot F_O \cdot \left(\frac{a_g}{g} \right)^{0,5}$$

I valori di a_g, F_o, S_T, S, η sono quelli già definiti per le componenti orizzontali; i valori di S_S, T_B, T_C e T_D, sono invece quelli riportati nella tabella seguente.

CATEGORIA SOTTOSUOLO	**S_S**	**T_B**	**T_C**	**T_D**
A, B, C, D, E	1,00	0,05 s	0,15 s	1,0 s

5.5.1.7. SPETTRO DI PROGETTO

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 elastico corrispondente, riferito alla probabilità di superamento nel periodo di riferimento P_{VR} considerata.

Per le verifiche agli stati limite ultimi lo spettro di progetto $S_d(T)$ da utilizzare, sia per le componenti orizzontali, sia per la componente verticale, è lo spettro elastico corrispondente riferito alla probabilità di superamento nel periodo di riferimento P_{VR} considerata con le ordinate ridotte sostituendo η con 1/q, dove q è il fattore di struttura, nelle formule precedentemente riportate. Si assume in particolare per le strutture in muratura i seguenti valori:

$q_0 = 2.5\ \alpha_u/\alpha_1$ costruzioni in muratura armata

$\alpha_u/\alpha_1 = 1.3$ qualora non si proceda ad un analisi non lineare e per costruzioni in muratura armata ad un piano.

6. VERIFICHE DI RESISTENZA

La verifica di resistenza delle sezioni nei vari elementi strutturali, viene condotta prendendo in considerazione le condizioni più gravose che si individuano dall'inviluppo delle sollecitazioni agenti nelle diverse combinazioni di carico.

La normativa vigente prevede per le verifiche geotecniche e strutturali, due diversi approcci di verifica denominati Approccio 1 ed Approccio 2.

Le verifiche si basano sul concetto dei coefficienti di sicurezza parziali che si distinguono a seconda dell'approccio di verifica adottato.

Nell'Approccio 1 si adottano due distinte combinazioni di gruppi di coefficienti parziali di sicurezza a seconda che la verifica sia di tipo geotecnico (A2+M2) o strutturale (A1+M1).

Nell'Approccio 2 si impiega un'unica combinazione dei gruppoi di coefficienti parziali di sicurezza definiti per le azioni (A1) e per la resistenza dei materiali (M1). In particolare:

- caso A1-M1: in questo tipo di combinazioni vengono incrementati le azioni permanenti e variabili con i coefficienti *(γ_G, γ_Q)* e vengono lasciate inalterate le caratteristiche di resistenza del terreno. Le combinazioni ottenute sono rilevanti per stabilire la capacità strutturale delle opere che interagiscono con il terreno.

La struttura oggetto della relazione è stata esaminata mediante l'Approccio 2.

7. COMBINAZIONE DEI CARICHI

La valutazione dei carichi sulla struttura è condotta con il criterio semiprobabilistico agli stati limite come previsto dalla normativa vigente

Stato limite ultimo

Le sollecitazioni di calcolo vanno calcolate secondo la seguente formulazione:

$$F_d = \gamma_g \cdot G_k + \gamma_p \cdot P_k + \gamma_q \cdot [Q_{1k} + \Sigma(\psi_{oi} \cdot Q_{ik})]$$

G_k valore caratteristico dell'azione permanente

P_k valore caratteristico dell'eventuale azione di precompressione

Q_{1k} valore caratteristico dell'azione base di ogni combinazione

γ_g = 1.3 (1.0 se il suo contributo aumenta la sicurezza) carichi permanenti

γ_q = 1.5 (0.0 se il suo contributo aumenta la sicurezza) carichi variabili

$\psi_{0\iota}$ = coefficiente di combinazione allo stato limite ultimo da determinarsi sulla base di considerazioni statiche

Stato limite di esercizio

Le sollecitazioni di calcolo vanno calcolate secondo le seguenti formulazioni:

Combinazione caratteristica rara:

$$F_d = G_k + P_k + Q_{k1} + \psi_{o2} \cdot Q_{k2} + \psi_{o3} \cdot Q_{K3} + ...$$

Combinazione frequente:

$$F_d = G_k + P_k + \psi_{11} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{K3} + ...$$

Combinazione quasi permanente:

$$F_d = G_k + P_k + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{K3} + ...$$

Combinazione sismica

$$F_d = E + G + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + ...$$

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

Le combinazioni di calcolo della struttura vengono riportate nei dati di input del programma riportati nell'ALLEGATO 1.

In ordine di severità crescente si distinguono i seguenti stati limite:

a) stato limite di decompressione nel quale, per la combinazione di azioni prescelta, la tensione normale è ovunque di compressione ed al più uguale a 0 ;

b) stato limite di formazione delle fessure, nel quale, per la combinazione di azioni prescelta, la tensione normale di trazione nella fibra più sollecitata è:

$$\sigma_t \leq \frac{f_{ctk}}{1.2}$$

c) stato limite di apertura delle fessure nel quale, per la combinazione di azioni prescelta, il valore limite di apertura della fessura calcolato al livello considerato è pari ad uno dei seguenti valori nominali:

w_1 = 0,2 mm

w_2 = 0,3 mm

w_3 = 0,4 mm

Lo stato limite di fessurazione deve essere fissato in funzione delle condizioni ambientali e della sensibilità delle armature alla corrosione.

Condizioni ambientali

Le condizioni ambientali, ai fini della valutazione della durabilità delle strutture in calcestruzzo, possono essere suddivise in ordinarie, aggressive e molto aggressive in relazione a quanto indicato nella tabella seguente:

Tabella 4.1.III – *Descrizione delle condizioni ambientali*

CONDIZIONI AMBIENTALI	CLASSE DI ESPOSIZIONE
Ordinarie	X0, XC1, XC2, XC3, XF1
Aggressive	XC4, XD1, XS1, XA1, XA2, XF2, XF3
Molto aggressive	XD2, XD3, XS2, XS3, XA3, XF4

Nel caso in esame si considera l'opera sottoposta a condizioni aggressive anche quando da tabella materiali la classe di esposizione è XC2, questo a favore di sicurezza perché l'opera in oggetto è a contatto col terreno.

Sensibilita' delle armature alla corrosione

Le armature si distinguono in due gruppi:

- armature sensibili;
- armature poco sensibili.

Appartengono al primo gruppo gli acciai da precompresso. Appartengono al secondo gruppo gli acciai ordinari.

Le armature dello scatolare, oggetto della relazione, appartengono al gruppo delle armature poco sensibili

Scelta degli stati limite di fessurazione

Nella tabella sottostante sono indicati i criteri di scelta dello stato limite di fessurazione con riferimento alle esigenze sopra riportate.

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

Verifiche allo stato limite di fessurazione per sollecitazioni che provocano tensioni normali

Stato limite di decompressione e di formazione delle fessure

Le tensioni sono calcolate in base alle caratteristiche geometriche e meccaniche della sezione omogeneizzata non fessurata.

Stato limite di apertura delle fessure

II valore caratteristico di calcolo di apertura delle fessure (w_d) non deve superare i valori nominali w_1, w_2, w_3 secondo quanto riportato nella Tabella riportata in precedenza.

Il valore caratteristico di calcolo è dato da:

$$w_d = 1{,}7 \cdot w_m$$

dove w_m rappresenta l'ampiezza media delle fessure.

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

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

Per il calcolo di ε_{sm} e Δ_{sm} vanno utilizzati criteri consolidati riportati nella letteratura tecnica. ε_{sm} può essere calcolato tenendo conto dell'effetto del "tension stiffening" nel rispetto della limitazione:

$$\varepsilon_{sm} \geq 0.6 \cdot \frac{\sigma_s}{E_s}$$

con σ_s tensione nell'acciaio dell'armatura tesa (per sezione fessurata) nelle condizioni di carico considerate ed E_s è il modulo elastico dell'acciaio.

Verifiche delle tensioni in esercizio

Valutate le azioni interne nelle varie parti della struttura, dovute alle combinazioni rare e quasi permanenti delle azioni, si calcolano le massime tensioni sia nel conglomerato cementizio sia nelle armature; si deve verificare che tali tensioni siano inferiori ai massimi valori consentiti di seguito riportati.

Verifica della tensione massima di compressione del conglomerato cementizio nelle condizioni di esercizio

La massima tensione di compressione del conglomerato cementizio σ_c, deve rispettare la limitazione seguente:

$\sigma_c \leq 0.6 \cdot f_{ck}$ per la combinazione caratteristica rara

$\sigma_c \leq 0.45 \cdot f_{ck}$ per la combinazione caratteristica quasi permanente

Verifica della tensione massima dell'acciaio in condizioni di esercizio

Per l'acciaio, la tensione massima, σ_s, per effetto delle azioni dovute alle combinazioni rare deve rispettare la limitazione seguente:

$$\sigma_s \leq 0.8 \cdot f_{yk}$$

dove f_{yk} è la tensione caratteristica di snervamento dell'acciaio.

8. MODELLO DI CALCOLO: VERIFICHE STRUTTURALI

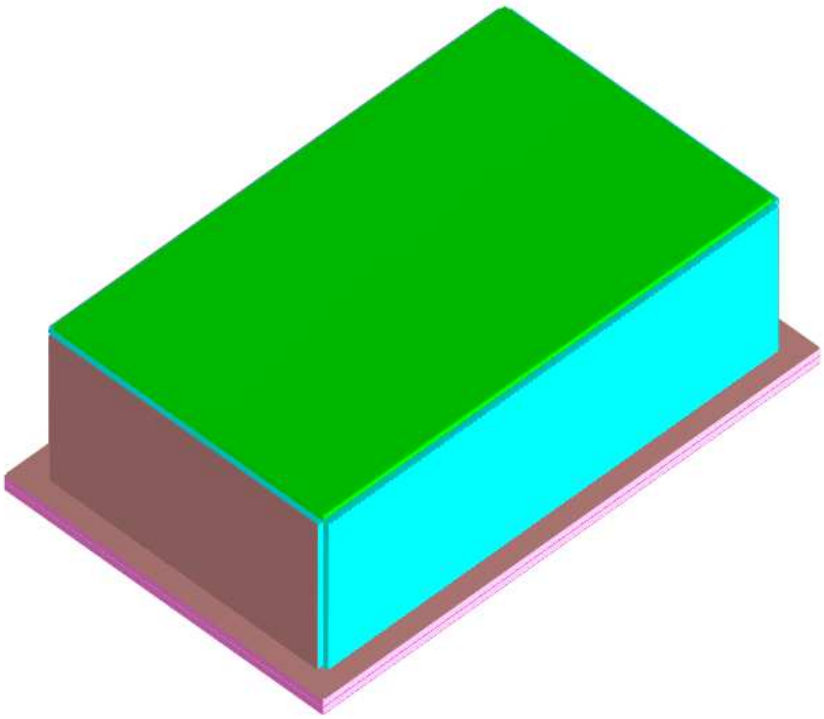
La modellazione della struttura è stata effettuata attraverso il programma di calcolo Sismicad 11.9. Il programma permette oltre che la determinazione delle sollecitazioni anche le verifiche degli elementi strutturali.

Le sollecitazioni sulla platea di fondazione sono state determinate modellando la fondazione su un terreno di tipo alla "Winkler". La rigidezza delle molle in particolare, è stata determinata attraverso la seguente espressione:

$$Kw = \frac{Es.}{(1-\mu^2)B}.$$

Per la modellazione in esame è stata assunta una costante di Winkler pari a

$$Kw = \frac{30000.}{(1-0.3^2)8.40}. = 3925 \text{ kN/m}^3$$



Si riportano nei paragrafi seguenti le veriche degli elementi strutturali che costituiscono la sottostazione elettrica di tipo fuori terra.

9. VERIFICA SRUTTURALE DEL SOLAIO

Il solaio in latero-cemento viene ordito nella larghezza minore della struttura. In particolare la luce di calcolo del solaio è pari a 7,30 m.

Si assume una snellezza di L/25 per il dimensionamento dell'altezza del solaio.

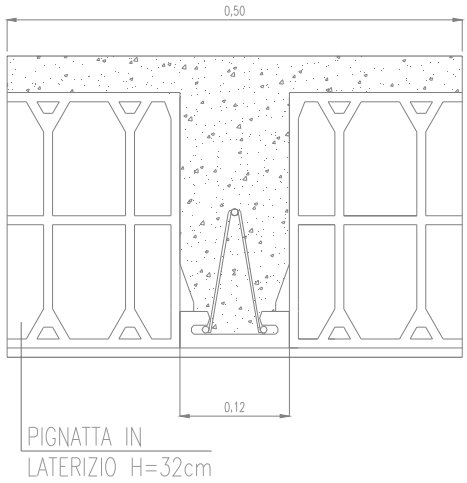
Vista la luce si assume quindi, un'altezza di 28+4 cm di cappa.

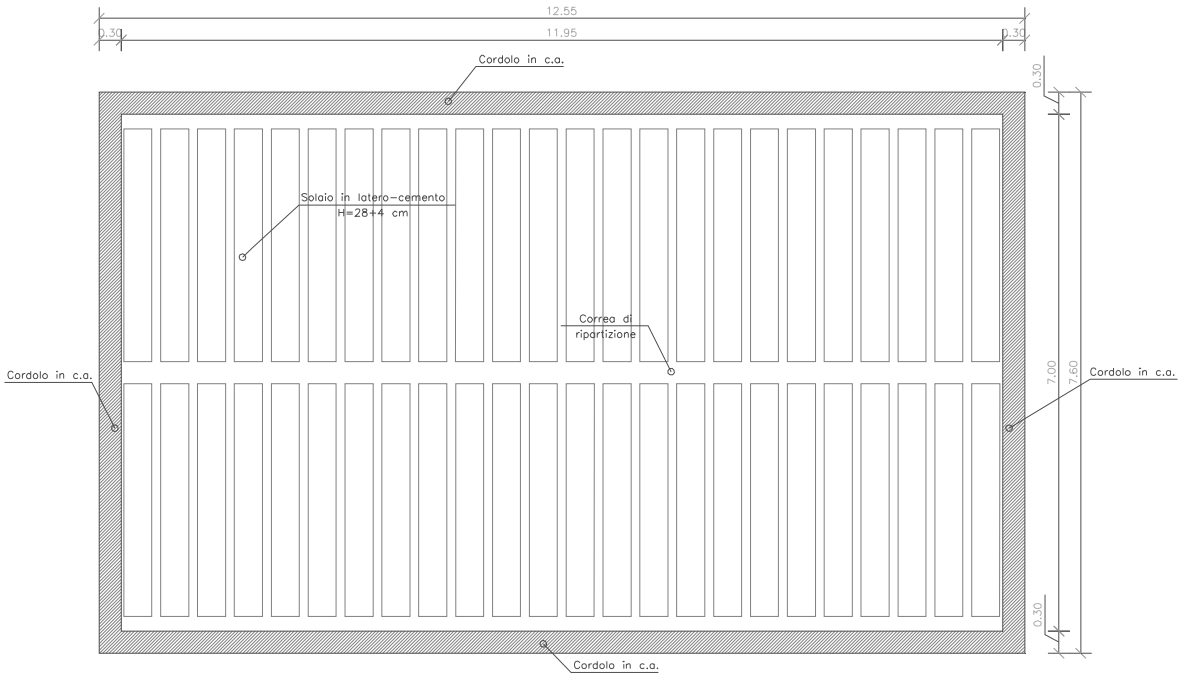
Si utilizza una larghezza del travetto pari a 12 cm e una larghezza del blocco in laterizio pari a 38 cm.

Si riportano le verifiche strutturali di un travetto del solaio in oggetto.

Si adotta come armatura di confezionamento due ferri ϕ 6 per ogni travetto mentre, si assume che sulla cappa di 4 cm venga posizionata una rete elettrosaldata 20 x 20 cm ϕ 6.

L'armatura aggiuntiva che si ottiene per ogni travetto è pari a 2 ϕ 18 inferiori e.





Verifica solaio

x	*distanza da sinistra della sezione di verifica*
Asup	*area di acciaio efficace superiore*
cs	*distanza tra baricentro delle armature superiori e bordo della sezione*
Ainf	*area di acciaio efficace inferiore*
ci	*distanza tra baricentro delle armature inferiori e bordo della sezione*
Mela	*momento flettente derivante dal calcolo elastico lineare*
MEd	*momento di calcolo (a seguito di traslazione ed eventuale ridistribuzione)*
Mrd	*momento ultimo*
x/d	*rapporto tra altezza dell'asse neutro ed altezza utile*
Ast	*area di staffatura (cmq/cm)*
Afp+	*area di staffatura equivalente per taglio positivo fornita dai sagomati*
Afp-	*area di staffatura equivalente per taglio negativo fornita dai sagomati*
VRcd	*taglio che produce la rottura delle bielle compresse di calcestruzzo*
Vod	*taglio di verifica della sezione (per travi con sezione di altezza variabile in campata)*
VEd	*taglio di calcolo (comprende l'effetto della variabilità della sezione)*
VEd.rid	*taglio di calcolo ridotto (della sezione a distanza d dal filo appoggio diretto)*
VRd	*resistenza a taglio della sezione priva di armatura a taglio*
VRsd	*resistenza a taglio della sezione con armatura a taglio*
Mese.R	*momento di esercizio in condizione rara*
sc.R	*tensione di compressione nel calcestruzzo in condizione rara*
Mese.QP	*momento di esercizio in condizione quasi permanente*
sc.Qp	*tensione di compressione nel calcestruzzo in condizione quasi permanente*
srmi	*intervallo tra le fessure al lembo inferiore*
wkiR	*ampiezza caratteristica delle fessure al lembo inferiore in condizione rara*
wkiF	*ampiezza caratteristica delle fessure al lembo inferiore in condizione frequente*
wkiQP	*ampiezza caratteristica delle fessure al lembo inferiore in condizione quasi permanente*
wkiQP	*ampiezza caratteristica delle fessure al lembo inferiore in condizione quasi permanente*
srms	*intervallo tra le fessure al lembo superiore*
wksR	*ampiezza caratteristica delle fessure al lembo superiore in condizione rara*
wksF	*ampiezza caratteristica delle fessure al lembo superiore in condizione frequente*
wksQP	*ampiezza caratteristica delle fessure al lembo superiore in condizione quasi permanente*
fg.R	*freccia con calcestruzzo interamente reagente in condizione rara*
ff.R	*freccia con calcestruzzo fessurato in condizione rara*
fg.QP	*freccia con calcestruzzo interamente reagente in condizione quasi permanente*
f.QPcreep	*freccia con calcestruzzo fessurato in condizione quasi permanente a viscosità esaurita*
f.max	*cedimento massimo (per suolo elastico positivo se di abbassamento)*
st.max	*pressione massima sul terreno (per suolo elastico positiva se di pressione)*
f.min	*cedimento minimo (per suolo elastico positivo se di abbassamento)*
st.min	*pressione minima sul terreno (per suolo elastico positiva se di pressione)*

solaio 'Copertura'

```
SOLAIO
Metodo di calcolo: DM 14-01-08. Valori in daN cm.

FATTORI DI SICUREZZA PARZIALI PER LE PROPRIETA' DEI MATERIALI
Gamma s (fattore di sicurezza parziale dell'acciaio da armatura) 1.15
Gamma c (fattore di sicurezza parziale del calcestruzzo) 1.50

FATTORI DI SICUREZZA PARZIALI PER LE AZIONI
Gamma G1 inf. (pesi struttura, effetto favorevole)  1.00
Gamma G1 sup. (pesi struttura, effetto sfavorevole) 1.30
Gamma G2 inf. (permanenti portati, effetto favorevole)  0.00
Gamma G2 sup. (permanenti portati, effetto sfavorevole) 1.50
Gamma Q inf. (azioni variabili, effetto favorevole)   0.00
Gamma Q sup. (azioni variabili, effetto sfavorevole)  1.50

COEFFICIENTI DI COMBINAZIONE DEI CARICHI VARIABILI PER STATI LIMITE DI ESERCIZIO
Combinazioni rare                1.00
Combinazioni frequenti           0.50
Combinazioni quasi permanenti    0.30

GEOMETRIA DELLE SEZIONI INIZIALI
n.  1            sezione a T  H tot.  32.0  B anima  12.0  Cs  3.5  Ci  3.5  B1 ala  19.0  B2 ala  19.0  H ala
4.0

GEOMETRIA DELLE CAMPATE
                              luce   sezione  altezza finale  Y asse
campata n. 1                730.0         1            32.0    0.00

CARATTERISTICHE DEGLI APPOGGI
appoggio n.   nome   ampiezza   zona piena sin.  zona piena destra   coeff. elastico verticale
         1              30.0              0.0               15.0          0.0000E+00        diretto
         2              30.0             15.0                0.0          0.0000E+00        diretto

CARATTERISTICHE DEI MATERIALI
Resistenza caratteristica cubica del calcestruzzo  Rck= 350
Tensione di snervamento caratteristica dell'acciaio fyk= 4300
Valore finale del coefficiente di viscosità (EC2 Tab.3.3)= 3
```

Valore finale della deformazione di ritiro (EC2 Tab.3.4)= -.0004

AZIONI CARATTERISTICHE APPLICATE ALLA TRAVE

CAMPATA n. 1

carico trapezoidale	valori iniziali			valori finali				
	perm.strutt.	perm.port.	variabile	perm.strutt.	perm.port.	variabile	ascissa da sin.	ampiezza
	2.01	2.15	0.40	2.01	2.15	0.40	0.0	730.0

OUTPUT CAMPATE (momenti in kN*cm, tagli in kN, apertura fessure in mm).

campata n. 1 tra gli appoggi -
sezione n. 1
stati limite ultimi

x	Asup	cs	Ainf	ci	Mela	MEd	MRd	x/d	Ast	Afp+	Afp-	VRcd	VEd	VEd.rid	VRd	VRsd	teta
0	1.4	4.3	5.1	4.4	0	0	-1861	.111	.000	.000	.000	512	23		67	0	0.79
15	0.5	3.8	5.1	4.4	345	571	4980	.132	.000	.000	.000	123	23		26	0	0.79
243	0.6	3.8	5.1	4.4	3812	3988	4977	.132	.000	.000	.000	123	8		26	0	0.79
341	0.6	3.8	5.1	4.4	4269	4289	4977	.132	.000	.000	.000	123	2		26	0	0.79
487	0.6	3.8	5.1	4.4	3812	3988	4977	.132	.000	.000	.000	123	-8		26	0	0.79
715	0.5	3.8	5.1	4.4	345	571	4980	.132	.000	.000	.000	123	-23		26	0	0.79
730	1.4	4.3	5.1	4.4	0	0	-1861	.111	.000	.000	.000	512	-23		67	0	0.79

stati limite di esercizio

x	Mese.R	sc.R	sf.R	Mese.QP	sc.QP	srmi	wkiR	wkiF	wkiQP	srms	wksR	wksF	wksQP	fg.R	ff.R	fg.QP	ff.QP	f.QP creep
0	0	0	0	0	0									0.00	0.00	0.00	0.00	0.00
15	245	5	113	230	5									0.06	0.17	0.06	0.16	0.26
243	2700	62	2085	2534	58	17.6	0.16	0.15	0.15					0.83	2.37	0.78	2.22	3.68
341	3024	69	2335	2838	65	17.6	0.18	0.17	0.17					0.95	2.73	0.89	2.57	4.25
487	2700	62	2085	2534	58	17.6	0.16	0.15	0.15					0.83	2.37	0.78	2.22	3.68
715	245	5	113	230	5									0.06	0.17	0.06	0.16	0.26
730	0	0	0	0	0									0.00	0.00	0.00	0.00	0.00

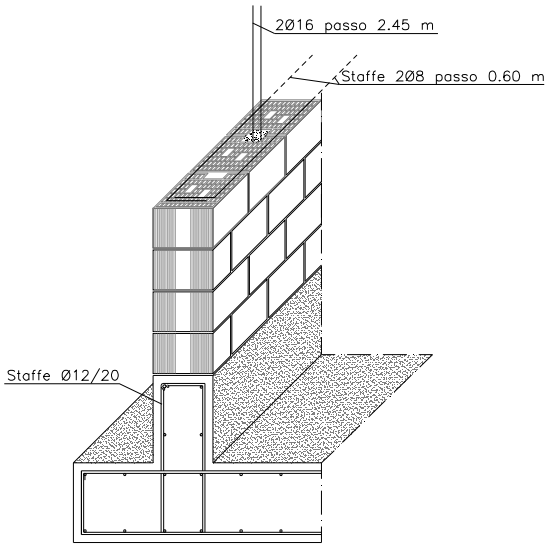
REAZIONI VINCOLARI

	ULTIME		RARE		FREQUENTI		QUASI PERMANENTI	
appoggio n. nome	massima	minima	massima	minima	massima	minima	massima	minima
1	2350	734	1664	1518	1591	1518	1562	1518
2	2350	734	1664	1518	1591	1518	1562	1518

10. LE MURATURE ARMATE PERIMETRALI

Le pareti perimetrali vengono eseguite mediante il metodo costruttivo della muratura armata. Si predispongono verticalmente in particolare, due barre ϕ 16 mm ad interasse di 2.45 m inoltre, si dispone un'armatura a taglio sulla parete con due barre ϕ 8 mm ad interasse di 60 cm.

L'armatura verticale dovrà essere collocata in apposite cavità, di dimensione tali che in ciascuno di essi sia inscrivibile un cilindro di diametro di almeno 6 cm di diametro.



11. VERIFICA DELLA PLATEA DI FONDAZIONE

La fondazione delle sottostazioni elettriche fuori terra è costituita da una platea di fondazione di spessore 0.40 m.

Le verifiche della fondazione vengono effettuate dal programma di calcolo.

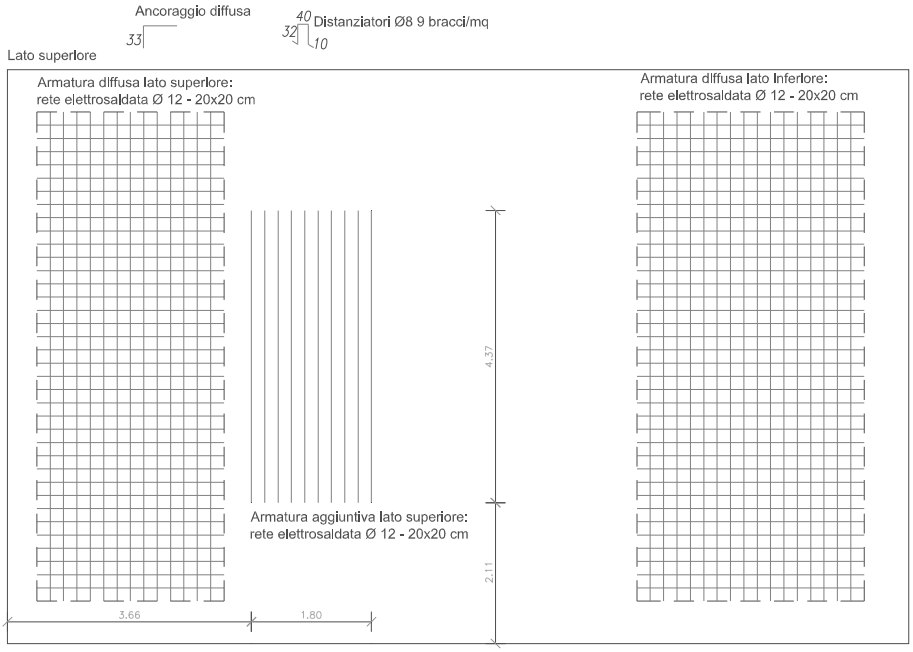
Il terreno di fondazione viene modellato fornendo il valore della costante di Winkler come già specificato nei paragrafi precedenti.

Il programma fornisce oltre alle verifiche allo stato limite ultimo anche le verifiche allo stato limite di esercizio.

Il programma di calcolo esegue la mesh della piastra di fondazione ed effettua la verifica di tutti i nodi delle mesh realizzate.

L'armatura necessaria per ottenere l'esito positivo delle verifiche strutturali è pari ad una rete ϕ 12 passo 20 x 20 cm superiormente e una rete ϕ 12 passo 20 x 20 cm inferiormente.

Si riportano nell'ALLEGATO 2 le verifiche effettuate.



12. ALLEGATO 1

Normativa di verifica C.A.

Acciaio armature	FeB 44 k aderenza migliorata
Descrizione	FeB 44 k aderenza migliorata
fyk	430000[kN/m2]
Sigma amm.	255000[kN/m2]
Tipo	Aderenza migliorata
E	206000000[kN/m2]
Gamma	78.5[kN/m3]
Poisson	0.3
G	79230769[kN/m2]
Alfa	0.000012[°C-1]
Coefficiente di omogeneizzazione	15
Beta EC2 7.4.3 (7.19)	1
Gamma s (fattore di sicurezza parziale per l'acciaio)	1.15
Gamma c (fattore di sicurezza parziale per il calcestruzzo)	1.5
Limite sigmac/fck in combinazione rara	0.6
Limite sigmac/fck in combinazione quasi permanente	0.45
Limite sigmaf/fyk in combinazione rara	0.8
Massima apertura delle fessure in combinazione frequente	0.0004[m]
Massima apertura delle fessure in comb. quasi permanente	0.0003[m]
Coefficiente di riduzione della tau per cattiva aderenza	0.7

4 Preferenze del suolo

Fondazioni non modellate e struttura bloccata alla base	no
Fondazioni bloccate orizzontalmente	no
Considera peso sismico delle fondazioni	si
Fondazioni superficiali e profonde su suolo elastoplastico	no
Coefficiente di sottofondo verticale per fondazioni superficiali (default)	3925[kN/m3]
Rapporto di coefficiente sottofondo orizzontale/verticale	0.5
Metodo di calcolo della K verticale	Vesic
Metodo di calcolo della portanza e della pressione limite	Vesic

5 Preferenze di analisi

Metodo di analisi	D.M. 14-01-08 (N.T.C.)
Tipo di costruzione	2
Vn	50
Classe d'uso	II
Vr	50
Tipo di analisi	Lineare statica
Località	Verona - Latitudine (deg) 45.431°;
Longitudine (deg) 10.9821° (N 45° 25' 52"; E 10° 58' 56") ED50	
Categoria del suolo	C - sabbie ed argille medie
Categoria topografica	T1
Ss orizzontale SLD	1.5
Tb orizzontale SLD	0.136[s]
Tc orizzontale SLD	0.409[s]
Td orizzontale SLD	1.822[s]

Ss orizzontale SLV	1.47
Tb orizzontale SLV	0.149[s]
Tc orizzontale SLV	0.447[s]
Td orizzontale SLV	2.228[s]
St	1
PVr SLD (%)	63
Tr SLD	50
Ag/g SLD	0.0554
Fo SLD	2.518
Tc* SLD	0.245
PVr SLV (%)	10
Tr SLV	475
Ag/g SLV	0.157
Fo SLV	2.43
Tc* SLV	0.28
Smorzamento viscoso (%)	5
Classe di duttilità	CD"B"
Rotazione del sisma	0[deg]
Quota dello '0' sismico	-0.4[m]
Regolarità in pianta	Si
Regolarità in elevazione	Si
Edificio muratura	Si
Tipologia muratura	Costruzioni in muratura armata
q0=2.5*alfaU/alfa1	
alfaU/alfa1 muratura	CostruzioniInMuraturaArmataAdUnPiano
Altezza costruzione	3.94[m]
C1	0.05
T1	0.14[s]
Lambda SLD	1
Lambda SLV	1
Torsione accidentale semplificata	Si
Baricentro geometrico	6.118; 3.664[m]
X	[m]
Y	[m]
Limite spostamenti interpiano	0.004
Moltiplicatore sisma X per combinazioni di default	1
Moltiplicatore sisma Y per combinazioni di default	1
Fattore di struttura per sisma X	3.25
Fattore di struttura per sisma Y	3.25
Fattore di struttura per sisma Z	1.5
Applica 1% (§ 3.1.1)	No
Coefficiente di sicurezza portanza fondazioni superficiali	2.3
Coefficiente di sicurezza scorrimento fondazioni superficiali	1.1

Azioni e carichi
1.1 Condizioni elementari di carico

Descrizione: Nome assegnato alla condizione elementare.
I/II: Descrive la classificazione della condizione (necessario per strutture in acciaio e in legno).
Durata: Descrive la durata della condizione (necessario per strutture in legno).
Psi0: Coefficiente moltiplicatore Psi0. Il valore è adimensionale.
Psi1: Coefficiente moltiplicatore Psi1. Il valore è adimensionale.
Psi2: Coefficiente moltiplicatore Psi2. Il valore è adimensionale.
Var.segno: Descrive se la condizione elementare ha la possibilità di variare di segno.

Descrizione	I/II	Durata	Psi0	Psi1	Psi2	Var.segno
Pesi strutturali		Permanente	0	0	0	
Permanenti portati	I	Permanente	0	0	0	
Neve	I	Media	0.5	0.2	0	
Variabili Copertura	I	Media	0	0	0	
Delta T	II	Media	0.6	0.5	0	No
Sisma X SLV			0	0	0	
Sisma Y SLV			0	0	0	
Sisma Z SLV			0	0	0	
Sisma X SLD			0	0	0	
Sisma Y SLD			0	0	0	
Sisma Z SLD			0	0	0	
Rig. Ux			0	0	0	
Rig. Uy			0	0	0	
Rig. Rz			0	0	0	

1.2 Combinazioni di carico
Tutte le combinazioni di carico vengono raggruppate per famiglia di appartenenza. Le celle di una riga contengono i coefficienti moltiplicatori della i-esima combinazione, dove il valore della prima cella è da intendersi come moltiplicatore associato alla prima condizione elementare, la seconda cella si riferisce alla seconda condizione elementare e così via.

Famiglia SLU

Nome	Pesi strutturali	Permanenti portati	Neve	Variabili Copertura	Delta T
1	1	0	0	0	0
2	1	0	0	1.5	0
3	1	0	1.5	0	0
4	1	1.5	0	0	0
5	1	1.5	0	1.5	0
6	1	1.5	1.5	0	0
7	1.3	0	0	0	0
8	1.3	0	0	1.5	0
9	1.3	0	1.5	0	0
10	1.3	1.5	0	0	0
11	1.3	1.5	0	1.5	0
12	1.3	1.5	1.5	0	0

Famiglia SLE rara

Nome	Pesi strutturali	Permanenti portati	Neve	Variabili Copertura	Delta T
1	1	1	0	0	0
2	1	1	0	1	0
3	1	1	1	0	0

Famiglia SLE frequente

Nome	Pesi strutturali	Permanenti portati	Neve	Variabili Copertura	Delta T
1	1	1	0	0	0
2	1	1	0.2	0	0

Famiglia SLE quasi permanente

Nome	Pesi strutturali	Permanenti portati	Neve	Variabili Copertura	Delta T
1	1	1	0	0	0

Famiglia SLU eccezionale

Nome	Pesi strutturali	Permanenti portati	Neve	Variabili Copertura	Delta T

Famiglia SLD

Nome	Pesi strutturali	Permanenti portati	Neve	Variabili Copertura	Delta T	Sisma X SLD	Sisma Y SLD	Sisma Z SLD
1	1	1	0	0	0	-1	-0.3	0
2	1	1	0	0	0	-1	0.3	0
3	1	1	0	0	0	-0.3	-1	0
4	1	1	0	0	0	-0.3	1	0
5	1	1	0	0	0	0.3	-1	0
6	1	1	0	0	0	0.3	1	0
7	1	1	0	0	0	1	-0.3	0
8	1	1	0	0	0	1	0.3	0

Famiglia SLV

Nome	Pesi strutturali	Permanenti portati	Neve	Variabili Copertura	Delta T	Sisma X SLV	Sisma Y SLV	Sisma Z SLV
1	1	1	0	0	0	-1	-0.3	0
2	1	1	0	0	0	-1	0.3	0
3	1	1	0	0	0	-0.3	-1	0
4	1	1	0	0	0	-0.3	1	0
5	1	1	0	0	0	0.3	-1	0
6	1	1	0	0	0	0.3	1	0
7	1	1	0	0	0	1	-0.3	0
8	1	1	0	0	0	1	0.3	0

Famiglia SLV fondazioni

Nome	Pesi strutturali	Permanenti portati	Neve	Variabili Copertura	Delta T	Sisma X SLV	Sisma Y SLV	Sisma Z SLV
1	1	1	0	0	0	-1.1	-0.33	0
2	1	1	0	0	0	-1.1	0.33	0
3	1	1	0	0	0	-0.33	-1.1	0
4	1	1	0	0	0	-0.33	1.1	0
5	1	1	0	0	0	0.33	-1.1	0
6	1	1	0	0	0	0.33	1.1	0
7	1	1	0	0	0	1.1	-0.33	0
8	1	1	0	0	0	1.1	0.33	0

Famiglia Calcolo rigidezza torsionale/flessionale di piano

Nome	Rig. Ux	Rig. Uy	Rig. Rz
Rig. Ux+	1	0	0
Rig. Ux-	-1	0	0
Rig. Uy+	0	1	0
Rig. Uy-	0	-1	0
Rig. Rz+	0	0	1
Rig. Rz-	0	0	-1

1.3 Definizioni di carichi superficiali

Nome: Nome identificativo della definizione di carico.
Valori: Valori associati alle condizioni di carico.
Condizione: Condizione di carico a cui sono associati i valori.
Descrizione: Nome assegnato alla condizione elementare.
Valore: Modulo del carico superficiale applicato alla superficie. [kN/m2]
Applicazione: Modalità con cui il carico è applicato alla superficie.

Nome	Valori		
	Condizione	Valore	Applicazione
	Descrizione		
Solaio	Pesi strutturali	0	Verticale
	Permanenti portati	4.3	Verticale
	Neve	0.8	Verticale
	Variabili Copertura	1	Verticale

Solai a pannello

Descrizione: Descrizione o nome assegnato all'elemento.
Peso proprio: Peso proprio per unità di superficie. [kN/m2]
Int.: Interasse tra le nervature. [m]
B anima: Larghezza anima. [m]
H: Altezza totale. [m]
H cappa: Altezza cappa. [m]
c.s.: Copriferro superiore. [m]
c.i.: Copriferro inferiore. [m]
n°tondi: Numero tondi di confezionamento.
Diam. tondi: Diametro tondi di confezionamento. [mm]
Passo rete: Passo rete cappa. [m]
Diam. rete: Diametro rete cappa. [mm]

Descrizione	Peso proprio	Int.	B anima	H	H cappa	c.s.	c.i.	n°tondi	Diam. tondi	Passo rete	Diam. rete
Pan 12*(28+4)/50	4.01	0.5	0.12	0.32	0.04	0.035	0.035	2	12	0.2	6

13. ALLEGATO 2

Verifiche piastre e pareti C.A.

nod.	*nodo del modello FEM*
sez.	*tipo di sezione (o = orizzontale, v = verticale)*
B	*base della sezione*
H	*altezza della sezione*
Af+	*area di acciaio dal lato B (inferiore per le piastre))*
Af-	*area di acciaio dal lato A (superiore per le piastre))*
c+	*copriferro dal lato B (inferiore per le piastre))*
c-	*copriferro dal lato A (superiore per le piastre))*
sc	*tensione sul calcestruzzo in esercizio*
comb ; c	*combinazione di carico*
c.s.	*coefficiente di sicurezza*
N	*sforzo normale di calcolo*
M	*momento flettente di calcolo*
Mu	*momento flettente ultimo*
Nu	*sforzo normale ultimo*
sf	*tensione sull'acciaio in esercizio*
Wk	*apertura caratteristica delle fessure*
Sm	*distanza media fra le fessure*
st	*sigma a trazione nel calcestruzzo in condizioni non fessurate*
fck	*resistenza caratteristica cilindrica del calcestruzzo*
fcd	*resistenza a compressione di calcolo del calcestruzzo*
fctd	*resistenza a trazione di calcolo del calcestruzzo*
Hcr	*altezza critica*
q.Hcr	**quota della sezione alla altezza critica*
hw	*altezza della parete*
lw	*lunghezza della parete*
n.p.	*numero di piani*
hs	*altezza dell'interpiano*
Mxd	*momento di progetto attorno all'asse x (fuori piano)*
Myd	*momento di progetto attorno all'asse y (nel piano)*
NEd	*sforzo normale di progetto*
MEd	*Momento flettente di progetto di progetto*
VEd	*sforzo di taglio di progetto*
Ngrav.	*sforzo normale dovuto ai carichi gravitazionali*
NReale.	*sforzo normale derivante dall'analisi*
VRcd	*resistenza a taglio dovuta alle bielle di calcestruzzo*
epsilon	*coefficiente di maggiorazione del taglio derivante dall'analisi*
alfaS	*MEd/(VEd*lw) formula 7.4.15*
At	*area tesa di acciaio*
roh	*rapporto tra area della sezione orizzotale dell'armatura di anima e l'area della sezione di calcestruzzo*
rov	*rapporto tra area della sezione verticale dell'armatura di anima e l'area della sezione di calcestruzzo*
VRsd	*resistenza a taglio della sezione con armature*
Somma(Asj)- Ai	*somma delle aree delle barre verticali che attraversano la superficie di scorrimento*
csi	*altezza della parte compressa normalizzata all'altezza della sezione*
Vdd	*contributo dell'effetto spinotto delle armature verticali*
Vfd	*contributo della resistenza per attrito*
Vid	*contributo delle armature inclinate presenti alla base*
VRd,s	*valore di progetto della resistenza a taglio nei confronti dello scorrimento*
l	*luce netta della trave di collegamento*
h	*altezza della trave di collegamento*
b	*spessore della trave di collegamento*
d	*altezza utile della trave di collegamento*
Asi	*area complessiva della armatura a X*
M,plast	*momenti resistenti della trave a filo appoggio*
T,plast	*sforzi di taglio nella trave derivanti da gerarchia delle resistenze*

Platea a "Fondazione"

Valori in daN, cm
rck 300
fyk 4300

Verifica di stato limite ultimo

nod	sez	B	H	Af+	Af-	c+	c-	c.s.	comb	N	M	Nu	Mu
2	o	60	40	3.4	3.4	4.6	4.6	6.931	11 SLU	0	65255	0	-452259
	v	50	40	3.4	3.4	4.6	4.6	8.386	11 SLU	0	53317	0	-447095
3	o	100	40	5.7	5.7	4.6	4.6	11.702	4 SLV	0	-64411	0	753765
	v	50	40	3.4	3.4	4.6	4.6	2.037	11 SLU	0	-219465	0	447095
4	o	100	40	5.3	5.3	4.6	4.6	4.523	11 SLU	0	-157577	0	712673
	v	50	40	3.4	3.4	4.6	4.6	1.985	11 SLU	0	-225245	0	447095
5	o	100	40	5.7	5.7	4.6	4.6	2.838	11 SLU	0	-265569	0	753765

	v	50	40	3.4	3.4	4.6	4.6	2.216	11	SLU	0	-201786	0	447095
6	o	100	40	5.7	5.7	4.6	4.6	2.638	11	SLU	0	-285692	0	753765
	v	50	40	3.4	3.4	4.6	4.6	2.552	11	SLU	0	-175220	0	447095
7	o	100	40	5.7	5.7	4.6	4.6	2.693	11	SLU	0	-279930	0	753765
	v	50	40	3.4	3.4	4.6	4.6	2.907	11	SLU	0	-153776	0	447095
8	o	100	40	5.7	5.7	4.6	4.6	2.918	11	SLU	0	-258274	0	753765
	v	50	40	3.4	3.4	4.6	4.6	3.409	3	SLV	0	-131155	0	447095
9	o	100	40	5.7	5.7	4.6	4.6	3.303	11	SLU	0	-228177	0	753765
	v	50	40	3.4	3.4	4.6	4.6	4.628	7	SLV	0	96597	0	-447095
10	o	100	40	5.7	5.7	4.6	4.6	3.884	11	SLU	0	-194066	0	753765
	v	50	40	3.4	3.4	4.6	4.6	4.055	11	SLU	0	110267	0	-447095
11	o	100	40	5.7	5.7	4.6	4.6	4.891	11	SLU	0	-154099	0	753765
	v	50	40	3.4	3.4	4.6	4.6	4.793	11	SLU	0	93287	0	-447095
12	o	100	40	5.7	5.7	4.6	4.6	10.890	3	SLV	0	-69214	0	753765
	v	50	40	3.4	3.4	4.6	4.6	5.925	11	SLU	0	75456	0	-447095
13	o	100	40	5.7	5.7	4.6	4.6	9.136	11	SLU	0	82501	0	-753765
	v	50	40	3.4	3.4	4.6	4.6	7.766	11	SLU	0	57573	0	-447095
14	o	100	40	5.7	5.7	4.6	4.6	14.359	11	SLU	0	52494	0	-753765
	v	50	40	3.4	3.4	4.6	4.6	11.198	11	SLU	0	39926	0	-447095
15	o	100	40	5.7	5.7	4.6	4.6	33.023	11	SLU	0	22826	0	-753765
	v	50	40	3.4	3.4	4.6	4.6	18.624	7	SLV	0	24007	0	-447095
16	o	100	40	5.7	5.7	4.6	4.6	34.327	11	SLU	0	21959	0	-753765
	v	50	40	3.4	3.4	4.6	4.6	19.181	1	SLV	0	23310	0	-447095
17	o	100	40	5.7	5.7	4.6	4.6	15.754	10	SLU	0	47845	0	-753765
	v	50	40	3.4	3.4	4.6	4.6	11.449	11	SLU	0	39052	0	-447095
18	o	100	40	5.7	5.7	4.6	4.6	17.441	11	SLU	0	43217	0	-753765
	v	50	40	3.4	3.4	4.6	4.6	7.878	11	SLU	0	56755	0	-447095
19	o	100	40	5.7	5.7	4.6	4.6	9.380	10	SLU	0	-80362	0	753765
	v	50	40	3.4	3.4	4.6	4.6	5.983	11	SLU	0	74722	0	-447095
20	o	100	40	5.7	5.7	4.6	4.6	4.980	12	SLU	0	-151350	0	753765
	v	50	40	3.4	3.4	4.6	4.6	4.825	11	SLU	0	92659	0	-447095
21	o	100	40	5.7	5.7	4.6	4.6	3.944	12	SLU	0	-191103	0	753765
	v	50	40	3.4	3.4	4.6	4.6	4.074	11	SLU	0	109755	0	-447095
22	o	100	40	5.7	5.7	4.6	4.6	3.310	11	SLU	0	-227700	0	753765
	v	50	40	3.4	3.4	4.6	4.6	4.655	1	SLV	0	96056	0	-447095
23	o	100	40	5.7	5.7	4.6	4.6	2.920	11	SLU	0	-258139	0	753765
	v	50	40	3.4	3.4	4.6	4.6	3.410	5	SLV	0	-131115	0	447095
24	o	100	40	5.7	5.7	4.6	4.6	2.691	11	SLU	0	-280068	0	753765
	v	50	40	3.4	3.4	4.6	4.6	2.896	11	SLU	0	-154409	0	447095
25	o	100	40	5.7	5.7	4.6	4.6	2.636	11	SLU	0	-285930	0	753765
	v	50	40	3.4	3.4	4.6	4.6	2.539	11	SLU	0	-176086	0	447095
26	o	100	40	5.7	5.7	4.6	4.6	2.838	11	SLU	0	-265590	0	753765
	v	50	40	3.4	3.4	4.6	4.6	2.205	11	SLU	0	-202779	0	447095
27	o	100	40	5.7	5.7	4.6	4.6	4.792	11	SLU	0	-157291	0	753765
	v	50	40	3.4	3.4	4.6	4.6	1.980	11	SLU	0	-225773	0	447095
28	o	100	40	5.7	5.7	4.6	4.6	11.771	6	SLV	0	-64035	0	753765
	v	50	40	3.4	3.4	4.6	4.6	2.050	11	SLU	0	-218127	0	447095
29	o	60	40	3.4	3.4	4.6	4.6	6.923	11	SLU	0	65323	0	-452259
	v	50	40	3.4	3.4	4.6	4.6	8.371	11	SLU	0	53411	0	-447095
30	o	50	40	3.4	3.4	4.6	4.6	2.043	11	SLU	0	-218831	0	447095
	v	100	40	5.7	5.7	4.6	4.6	9.953	4	SLV	0	75730	0	-753765
31	o	100	40	5.7	5.7	4.6	4.6	1.736	11	SLU	0	-434265	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.774	11	SLU	0	-424806	0	753765
32	o	100	40	5.3	5.3	4.6	4.6	1.771	11	SLU	0	-402423	0	712673
	v	100	40	5.7	5.7	4.6	4.6	1.667	11	SLU	0	-452081	0	753765
33	o	100	40	5.7	5.7	4.6	4.6	2.088	5	SLV	0	-360946	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.806	11	SLU	0	-417313	0	753765
34	o	100	40	5.7	5.7	4.6	4.6	2.183	5	SLV	0	-345351	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.012	11	SLU	0	-374612	0	753765
35	o	100	40	5.7	5.7	4.6	4.6	1.972	11	SLU	0	382330	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	2.255	11	SLU	0	-334234	0	753765
36	o	100	40	5.7	5.7	4.6	4.6	2.013	4	SLV	0	374496	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	2.632	3	SLV	0	-286377	0	753765
37	o	100	40	5.7	5.7	4.6	4.6	1.939	4	SLV	0	388746	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	4.376	3	SLV	0	-172255	0	753765
38	o	100	40	5.7	5.7	4.6	4.6	1.910	4	SLV	0	394629	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	5.013	5	SLV	0	-150376	0	753765
39	o	100	40	5.7	5.7	4.6	4.6	1.910	6	SLV	0	394554	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	5.759	5	SLV	0	-130883	0	753765
40	o	100	40	5.7	5.7	4.6	4.6	1.916	6	SLV	0	393433	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	6.824	5	SLV	0	-110465	0	753765
41	o	100	40	5.7	5.7	4.6	4.6	1.947	6	SLV	0	387065	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	8.273	5	SLV	0	-91107	0	753765
42	o	100	40	5.7	5.7	4.6	4.6	2.006	6	SLV	0	375719	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	10.590	5	SLV	0	-71178	0	753765
43	o	100	40	5.7	5.7	4.6	4.6	2.086	6	SLV	0	361373	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	14.479	5	SLV	0	-52058	0	753765
44	o	100	40	5.7	5.7	4.6	4.6	2.089	4	SLV	0	360853	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	14.858	3	SLV	0	-50732	0	753765
45	o	100	40	5.7	5.7	4.6	4.6	2.008	4	SLV	0	375420	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	10.780	3	SLV	0	-69923	0	753765
46	o	100	40	5.7	5.7	4.6	4.6	1.948	4	SLV	0	386975	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	8.379	3	SLV	0	-89960	0	753765
47	o	100	40	5.7	5.7	4.6	4.6	1.915	4	SLV	0	393594	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	6.886	3	SLV	0	-109463	0	753765
48	o	100	40	5.7	5.7	4.6	4.6	1.908	4	SLV	0	395000	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	5.795	3	SLV	0	-130066	0	753765
49	o	100	40	5.7	5.7	4.6	4.6	1.905	6	SLV	0	395606	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	5.032	3	SLV	0	-149790	0	753765

50	o	100	40	5.7	5.7	4.6	4.6	1.932	6	SLV	0	390069	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	4.378	5	SLV	0	-172153	0	753765
51	o	100	40	5.7	5.7	4.6	4.6	2.004	6	SLV	0	376109	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	2.631	5	SLV	0	-286542	0	753765
52	o	100	40	5.7	5.7	4.6	4.6	1.965	11	SLU	0	383556	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	2.244	11	SLU	0	-335916	0	753765
53	o	100	40	5.7	5.7	4.6	4.6	2.186	3	SLV	0	-344761	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.999	11	SLU	0	-376981	0	753765
54	o	100	40	5.7	5.7	4.6	4.6	2.085	3	SLV	0	-361444	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.795	11	SLU	0	-419812	0	753765
55	o	100	40	5.7	5.7	4.6	4.6	1.852	11	SLU	0	-406935	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.660	11	SLU	0	-453959	0	753765
56	o	100	40	5.7	5.7	4.6	4.6	1.701	11	SLU	0	-443060	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.776	11	SLU	0	-424300	0	753765
57	o	50	40	3.4	3.4	4.6	4.6	1.994	11	SLU	0	-224168	0	447095
	v	100	40	5.7	5.7	4.6	4.6	9.691	6	SLV	0	77779	0	-753765
58	o	50	40	3.4	3.4	4.6	4.6	2.034	11	SLU	0	-219843	0	447095
	v	100	40	5.7	5.7	4.6	4.6	8.194	5	SLV	0	-91991	0	753765
59	o	100	40	5.7	5.7	4.6	4.6	1.661	11	SLU	0	-453676	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.502	2	SLV	0	-301213	0	753765
60	o	100	40	5.3	5.3	4.6	4.6	1.475	11	SLU	0	-483046	0	712671
	v	100	40	5.7	5.7	4.6	4.6	1.672	11	SLU	0	-450850	0	753765
61	o	100	40	5.7	5.7	4.6	4.6	1.559	11	SLU	0	-483355	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.687	11	SLU	0	-446892	0	753765
62	o	100	40	5.7	5.7	4.6	4.6	1.602	3	SLV	0	-470601	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.780	11	SLU	0	-423563	0	753765
63	o	100	40	5.7	5.7	4.6	4.6	1.611	3	SLV	0	-467997	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.948	11	SLU	0	-386936	0	753765
64	o	100	40	5.7	5.7	4.6	4.6	1.621	5	SLV	0	-465050	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.180	11	SLU	0	-345798	0	753765
65	o	100	40	5.7	5.7	4.6	4.6	1.636	5	SLV	0	-460785	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.479	11	SLU	0	-304094	0	753765
66	o	100	40	5.7	5.7	4.6	4.6	1.663	5	SLV	0	-453316	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.982	3	SLV	0	-252758	0	753765
67	o	100	40	5.7	5.7	4.6	4.6	1.705	5	SLV	0	-442072	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.365	5	SLV	0	-223987	0	753765
68	o	100	40	5.7	5.7	4.6	4.6	1.767	5	SLV	0	-426667	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.864	5	SLV	0	-195098	0	753765
69	o	100	40	5.7	5.7	4.6	4.6	1.853	5	SLV	0	-406728	0	753765
	v	100	40	5.7	5.7	4.6	4.6	4.513	5	SLV	0	-167030	0	753765
70	o	100	40	5.7	5.7	4.6	4.6	1.973	5	SLV	0	-382048	0	753765
	v	100	40	5.7	5.7	4.6	4.6	5.429	5	SLV	0	-138841	0	753765
71	o	100	40	5.7	5.7	4.6	4.6	2.126	5	SLV	0	-354464	0	753765
	v	100	40	5.7	5.7	4.6	4.6	6.772	5	SLV	0	-111306	0	753765
72	o	100	40	5.7	5.7	4.6	4.6	2.138	3	SLV	0	-352542	0	753765
	v	100	40	5.7	5.7	4.6	4.6	6.898	3	SLV	0	-109278	0	753765
73	o	100	40	5.7	5.7	4.6	4.6	1.983	3	SLV	0	-380159	0	753765
	v	100	40	5.7	5.7	4.6	4.6	5.503	3	SLV	0	-136962	0	753765
74	o	100	40	5.7	5.7	4.6	4.6	1.861	3	SLV	0	-404934	0	753765
	v	100	40	5.7	5.7	4.6	4.6	4.559	3	SLV	0	-165350	0	753765
75	o	100	40	5.7	5.7	4.6	4.6	1.774	3	SLV	0	-425010	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.892	3	SLV	0	-193671	0	753765
76	o	100	40	5.7	5.7	4.6	4.6	1.711	3	SLV	0	-440602	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.382	3	SLV	0	-222874	0	753765
77	o	100	40	5.7	5.7	4.6	4.6	1.667	3	SLV	0	-452088	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.892	12	SLU	0	-260670	0	753765
78	o	100	40	5.7	5.7	4.6	4.6	1.639	3	SLV	0	-459866	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.472	11	SLU	0	-304894	0	753765
79	o	100	40	5.7	5.7	4.6	4.6	1.623	3	SLV	0	-464520	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.170	11	SLU	0	-347403	0	753765
80	o	100	40	5.7	5.7	4.6	4.6	1.610	5	SLV	0	-468283	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.936	11	SLU	0	-389434	0	753765
81	o	100	40	5.7	5.7	4.6	4.6	1.598	5	SLV	0	-471590	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.765	11	SLU	0	-426961	0	753765
82	o	100	40	5.7	5.7	4.6	4.6	1.548	11	SLU	0	-486881	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.673	11	SLU	0	-450602	0	753765
83	o	100	40	5.7	5.7	4.6	4.6	1.543	11	SLU	0	-488465	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.658	11	SLU	0	-454582	0	753765
84	o	100	40	5.7	5.7	4.6	4.6	1.630	11	SLU	0	-462395	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.477	8	SLV	0	-304366	0	753765
85	o	50	40	3.4	3.4	4.6	4.6	1.996	11	SLU	0	-223969	0	447095
	v	100	40	5.7	5.7	4.6	4.6	12.011	6	SLV	0	62754	0	-753765
86	o	50	40	3.4	3.4	4.6	4.6	2.353	11	SLU	0	-190048	0	447095
	v	100	40	5.7	5.7	4.6	4.6	4.986	5	SLV	0	-151184	0	753765
87	o	100	40	5.7	5.7	4.6	4.6	1.792	11	SLU	0	-420519	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.799	4	SLV	0	-269301	0	753765
88	o	100	40	5.3	5.3	4.6	4.6	1.470	11	SLU	0	-484886	0	712668
	v	100	40	5.7	5.7	4.6	4.6	1.805	11	SLU	0	-417549	0	753765
89	o	100	40	5.7	5.7	4.6	4.6	1.425	11	SLU	0	-528851	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.646	11	SLU	0	-457925	0	753765
90	o	100	40	5.7	5.7	4.6	4.6	1.388	11	SLU	0	-543212	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.646	11	SLU	0	-457887	0	753765
91	o	100	40	5.7	5.7	4.6	4.6	1.408	11	SLU	0	-535249	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.747	11	SLU	0	-431513	0	753765
92	o	100	40	5.7	5.7	4.6	4.6	1.415	3	SLV	0	-532606	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.910	11	SLU	0	-394635	0	753765
93	o	100	40	5.7	5.7	4.6	4.6	1.418	3	SLV	0	-531684	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.129	11	SLU	0	-354011	0	753765
94	o	100	40	5.7	5.7	4.6	4.6	1.429	5	SLV	0	-527614	0	753765

	v	100	40	5.7	5.7	4.6	4.6	2.410	11	SLU	0	-312733	0	753765
95	o	100	40	5.7	5.7	4.6	4.6	1.442	5	SLV	0	-522598	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.761	11	SLU	0	-273033	0	753765
96	o	100	40	5.7	5.7	4.6	4.6	1.468	5	SLV	0	-513386	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.203	11	SLU	0	-235335	0	753765
97	o	100	40	5.7	5.7	4.6	4.6	1.508	5	SLV	0	-499753	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.771	11	SLU	0	-199886	0	753765
98	o	100	40	5.7	5.7	4.6	4.6	1.566	5	SLV	0	-481426	0	753765
	v	100	40	5.7	5.7	4.6	4.6	4.461	5	SLV	0	-168986	0	753765
99	o	100	40	5.7	5.7	4.6	4.6	1.639	5	SLV	0	-459870	0	753765
	v	100	40	5.7	5.7	4.6	4.6	5.165	5	SLV	0	-145934	0	753765
100	o	100	40	5.7	5.7	4.6	4.6	1.646	3	SLV	0	-457986	0	753765
	v	100	40	5.7	5.7	4.6	4.6	5.234	3	SLV	0	-144008	0	753765
101	o	100	40	5.7	5.7	4.6	4.6	1.571	3	SLV	0	-479691	0	753765
	v	100	40	5.7	5.7	4.6	4.6	4.506	3	SLV	0	-167265	0	753765
102	o	100	40	5.7	5.7	4.6	4.6	1.513	3	SLV	0	-498231	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.790	11	SLU	0	-198860	0	753765
103	o	100	40	5.7	5.7	4.6	4.6	1.472	3	SLV	0	-512116	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.211	11	SLU	0	-234776	0	753765
104	o	100	40	5.7	5.7	4.6	4.6	1.445	3	SLV	0	-521623	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.761	11	SLU	0	-273034	0	753765
105	o	100	40	5.7	5.7	4.6	4.6	1.430	3	SLV	0	-526977	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.405	11	SLU	0	-313402	0	753765
106	o	100	40	5.7	5.7	4.6	4.6	1.417	5	SLV	0	-531772	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.120	11	SLU	0	-355467	0	753765
107	o	100	40	5.7	5.7	4.6	4.6	1.414	5	SLV	0	-533165	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.899	11	SLU	0	-396999	0	753765
108	o	100	40	5.7	5.7	4.6	4.6	1.403	11	SLU	0	-537239	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.733	11	SLU	0	-434885	0	753765
109	o	100	40	5.7	5.7	4.6	4.6	1.381	11	SLU	0	-545995	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.630	11	SLU	0	-462304	0	753765
110	o	100	40	5.7	5.7	4.6	4.6	1.416	11	SLU	0	-532503	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.627	11	SLU	0	-463287	0	753765
111	o	100	40	5.7	5.7	4.6	4.6	1.539	11	SLU	0	-489718	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.782	11	SLU	0	-423012	0	753765
112	o	100	40	5.7	5.7	4.6	4.6	1.767	11	SLU	0	-426467	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.758	6	SLV	0	-273341	0	753765
113	o	50	40	3.4	3.4	4.6	4.6	2.306	11	SLU	0	-193854	0	447095
	v	100	40	5.7	5.7	4.6	4.6	8.155	3	SLV	0	-92434	0	753765
114	o	50	40	3.4	3.4	4.6	4.6	2.743	11	SLU	0	-163017	0	447095
	v	100	40	5.9	5.9	4.6	4.6	5.055	3	SLV	0	-155123	0	784080
115	o	100	40	5.7	5.7	4.6	4.6	2.023	11	SLU	0	-372571	0	753765
	v	100	40	5.9	5.9	4.6	4.6	2.158	11	SLU	0	363319	0	-784080
116	o	100	40	5.3	5.3	4.6	4.6	1.575	11	SLU	0	-452352	0	712666
	v	100	40	5.9	5.9	4.6	4.6	2.225	11	SLU	0	-352342	0	784081
117	o	100	40	5.7	5.7	4.6	4.6	1.441	11	SLU	0	-523159	0	753765
	v	100	40	5.9	5.9	4.6	4.6	1.818	11	SLU	0	-431387	0	784082
118	o	100	40	5.7	5.7	4.6	4.6	1.324	11	SLU	0	-569199	0	753765
	v	100	40	5.9	5.9	4.6	4.6	1.712	11	SLU	0	-457928	0	784083
119	o	100	40	5.7	5.7	4.6	4.6	1.276	11	SLU	0	-590515	0	753765
	v	100	40	5.9	5.9	4.6	4.6	1.750	11	SLU	0	-448116	0	784084
120	o	100	40	5.7	5.7	4.6	4.6	1.264	11	SLU	0	-596493	0	753765
	v	100	40	5.9	5.9	4.6	4.6	1.865	11	SLU	0	-420495	0	784085
121	o	100	40	5.7	5.7	4.6	4.6	1.271	11	SLU	0	-593058	0	753765
	v	100	40	5.9	5.9	4.6	4.6	2.037	11	SLU	0	-384866	0	784087
122	o	100	40	5.7	5.7	4.6	4.6	1.291	11	SLU	0	-584082	0	753765
	v	100	40	5.9	5.9	4.6	4.6	2.262	11	SLU	0	-346676	0	784088
123	o	100	40	5.7	5.7	4.6	4.6	1.319	11	SLU	0	-571500	0	753765
	v	100	40	5.9	5.9	4.6	4.6	2.539	11	SLU	0	-308804	0	784089
124	o	100	40	5.7	5.7	4.6	4.6	1.339	5	SLV	0	-563101	0	753765
	v	100	40	5.9	5.9	4.6	4.6	2.875	11	SLU	0	-272725	0	784090
125	o	100	40	5.7	5.7	4.6	4.6	1.355	5	SLV	0	-556478	0	753765
	v	100	40	5.9	5.9	4.6	4.6	3.280	11	SLU	0	-239078	0	784092
126	o	100	40	5.7	5.7	4.6	4.6	1.383	5	SLV	0	-544846	0	753765
	v	100	40	5.9	5.9	4.6	4.6	3.770	11	SLU	0	-207987	0	784093
127	o	100	40	5.7	5.7	4.6	4.6	1.424	5	SLV	0	-529370	0	753765
	v	100	40	5.9	5.9	4.6	4.6	4.375	11	SLU	0	-179231	0	784094
128	o	100	40	5.7	5.7	4.6	4.6	1.429	3	SLV	0	-527604	0	753765
	v	100	40	5.9	5.9	4.6	4.6	4.412	11	SLU	0	-177728	0	784095
129	o	100	40	5.7	5.7	4.6	4.6	1.387	3	SLV	0	-543309	0	753765
	v	100	40	5.9	5.9	4.6	4.6	3.790	11	SLU	0	-206868	0	784096
130	o	100	40	5.7	5.7	4.6	4.6	1.358	3	SLV	0	-555234	0	753765
	v	100	40	5.9	5.9	4.6	4.6	3.289	11	SLU	0	-238412	0	784098
131	o	100	40	5.7	5.7	4.6	4.6	1.341	3	SLV	0	-562180	0	753765
	v	100	40	5.9	5.9	4.6	4.6	2.876	11	SLU	0	-272592	0	784099
132	o	100	40	5.7	5.7	4.6	4.6	1.319	11	SLU	0	-571677	0	753765
	v	100	40	5.9	5.9	4.6	4.6	2.535	11	SLU	0	-309298	0	784100
133	o	100	40	5.7	5.7	4.6	4.6	1.289	11	SLU	0	-584804	0	753765
	v	100	40	5.9	5.9	4.6	4.6	2.254	11	SLU	0	-347904	0	784101
134	o	100	40	5.7	5.7	4.6	4.6	1.268	11	SLU	0	-594355	0	753765
	v	100	40	5.9	5.9	4.6	4.6	2.026	11	SLU	0	-386942	0	784102
135	o	100	40	5.7	5.7	4.6	4.6	1.260	11	SLU	0	-598382	0	753765
	v	100	40	5.9	5.9	4.6	4.6	1.851	11	SLU	0	-423532	0	784103
136	o	100	40	5.7	5.7	4.6	4.6	1.271	11	SLU	0	-592993	0	753765
	v	100	40	5.9	5.9	4.6	4.6	1.734	11	SLU	0	-452203	0	784289
137	o	100	40	5.7	5.7	4.6	4.6	1.317	11	SLU	0	-572250	0	753765
	v	100	40	5.9	5.9	4.6	4.6	1.694	11	SLU	0	-463105	0	784291
138	o	100	40	5.7	5.7	4.6	4.6	1.431	11	SLU	0	-526756	0	753765
	v	100	40	5.9	5.9	4.6	4.6	1.792	11	SLU	0	-437609	0	784292

139	o	100	40	5.7	5.7	4.6	4.6	1.651	11	SLU	0	-456642	0	753765
	v	100	40	5.9	5.9	4.6	4.6	2.185	11	SLU	0	-358911	0	784293
140	o	100	40	5.7	5.7	4.6	4.6	1.998	11	SLU	0	-377303	0	753765
	v	100	40	5.9	5.9	4.6	4.6	2.152	11	SLU	0	364369	0	-784294
141	o	50	40	3.4	3.4	4.6	4.6	2.682	11	SLU	0	-166696	0	447095
	v	100	40	5.9	5.9	4.6	4.6	5.347	3	SLV	0	-146689	0	784294
142	o	50	40	3.4	3.4	4.6	4.6	3.374	11	SLU	0	-132499	0	447095
	v	100	40	5.7	5.7	4.6	4.6	5.801	3	SLV	0	-129930	0	753765
143	o	100	40	5.7	5.7	4.6	4.6	2.401	11	SLU	0	-313946	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.048	11	SLU	0	368056	0	-753765
144	o	100	40	5.3	5.3	4.6	4.6	1.777	11	SLU	0	-400972	0	712663
	v	100	40	5.7	5.7	4.6	4.6	2.745	11	SLU	0	-274586	0	753765
145	o	100	40	5.7	5.7	4.6	4.6	1.550	11	SLU	0	-486269	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.984	11	SLU	0	-379936	0	753765
146	o	100	40	5.7	5.7	4.6	4.6	1.363	11	SLU	0	-553206	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.755	11	SLU	0	-429531	0	753765
147	o	100	40	5.7	5.7	4.6	4.6	1.260	11	SLU	0	-598095	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.721	11	SLU	0	-437909	0	753765
148	o	100	40	5.7	5.7	4.6	4.6	1.204	11	SLU	0	-626178	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.783	11	SLU	0	-422738	0	753765
149	o	100	40	5.7	9.0	4.6	4.6	1.817	11	SLU	0	-641888	0	1166127
	v	100	40	5.7	5.7	4.6	4.6	1.907	11	SLU	0	-395337	0	753765
150	o	100	40	5.7	11.3	4.6	4.6	2.215	11	SLU	0	-648865	0	1437246
	v	100	40	5.7	5.7	4.6	4.6	2.078	11	SLU	0	-362750	0	753765
151	o	100	40	5.7	11.3	4.6	4.6	2.213	11	SLU	0	-649383	0	1437246
	v	100	40	5.7	5.7	4.6	4.6	2.291	11	SLU	0	-329069	0	753765
152	o	100	40	5.7	11.3	4.6	4.6	2.229	11	SLU	0	-644708	0	1437246
	v	100	40	5.7	5.7	4.6	4.6	2.542	11	SLU	0	-296568	0	753765
153	o	100	40	5.7	9.0	4.6	4.6	1.835	11	SLU	0	-635391	0	1166127
	v	100	40	5.7	5.7	4.6	4.6	2.830	11	SLU	0	-266383	0	753765
154	o	100	40	5.7	5.7	4.6	4.6	1.213	11	SLU	0	-621520	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.155	11	SLU	0	-238941	0	753765
155	o	100	40	5.7	5.7	4.6	4.6	1.243	11	SLU	0	-606259	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.519	11	SLU	0	-214210	0	753765
156	o	100	40	5.7	5.7	4.6	4.6	1.244	11	SLU	0	-605747	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.538	11	SLU	0	-213023	0	753765
157	o	100	40	5.7	5.7	4.6	4.6	1.214	11	SLU	0	-620702	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.165	11	SLU	0	-238193	0	753765
158	o	100	40	5.7	5.7	4.6	4.6	1.187	11	SLU	0	-635052	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.832	11	SLU	0	-266136	0	753765
159	o	100	40	5.7	5.7	4.6	4.6	1.169	11	SLU	0	-644878	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.539	11	SLU	0	-296896	0	753765
160	o	100	40	5.7	5.7	4.6	4.6	1.159	11	SLU	0	-650080	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.284	11	SLU	0	-330060	0	753765
161	o	100	40	5.7	5.7	4.6	4.6	1.159	11	SLU	0	-650096	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.068	11	SLU	0	-364499	0	753765
162	o	100	40	5.7	5.7	4.6	4.6	1.171	11	SLU	0	-643645	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.894	11	SLU	0	-397945	0	753765
163	o	100	40	5.7	5.7	4.6	4.6	1.199	11	SLU	0	-628431	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.768	11	SLU	0	-426298	0	753765
164	o	100	40	5.7	5.7	4.6	4.6	1.255	11	SLU	0	-600789	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.703	11	SLU	0	-442490	0	753765
165	o	100	40	5.7	5.7	4.6	4.6	1.355	11	SLU	0	-556273	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.732	11	SLU	0	-435163	0	753765
166	o	100	40	5.7	5.7	4.6	4.6	1.539	11	SLU	0	-489640	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.951	11	SLU	0	-386422	0	753765
167	o	100	40	5.7	5.7	4.6	4.6	1.863	11	SLU	0	-404684	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.675	11	SLU	0	-281816	0	753765
168	o	100	40	5.7	5.7	4.6	4.6	2.373	11	SLU	0	-317669	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.057	11	SLU	0	366488	0	-753765
169	o	50	40	3.4	3.4	4.6	4.6	3.293	11	SLU	0	-135779	0	447095
	v	100	40	5.7	5.7	4.6	4.6	5.986	5	SLV	0	-125930	0	753765
170	o	50	40	3.4	3.4	4.6	4.6	5.303	11	SLU	0	-84310	0	447095
	v	100	40	5.7	5.7	4.6	4.6	9.001	7	SLV	0	-83741	0	753765
171	o	100	40	5.7	5.7	4.6	4.6	3.522	11	SLU	0	-214032	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.226	11	SLU	0	338592	0	-753765
172	o	100	40	5.3	5.3	4.6	4.6	2.098	11	SLU	0	-339678	0	712661
	v	100	40	5.7	5.7	4.6	4.6	3.598	4	SLV	0	-209475	0	753765
173	o	100	40	5.7	5.7	4.6	4.6	1.743	11	SLU	0	-432518	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.393	11	SLU	0	-315023	0	753765
174	o	100	40	5.7	5.7	4.6	4.6	1.472	11	SLU	0	-512175	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.977	11	SLU	0	-381217	0	753765
175	o	100	40	5.7	5.7	4.6	4.6	1.313	11	SLU	0	-574044	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.859	11	SLU	0	-405521	0	753765
176	o	100	40	5.7	5.7	4.6	4.6	1.215	11	SLU	0	-620243	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.869	11	SLU	0	-403264	0	753765
177	o	100	40	5.7	9.0	4.6	4.6	1.785	11	SLU	0	-653247	0	1166127
	v	100	40	5.7	5.7	4.6	4.6	1.954	11	SLU	0	-385808	0	753765
178	o	100	40	5.7	11.3	4.6	4.6	2.127	11	SLU	0	-675692	0	1437246
	v	100	40	5.7	5.7	4.6	4.6	2.088	11	SLU	0	-360923	0	753765
179	o	100	40	5.7	11.3	4.6	4.6	2.084	11	SLU	0	-689568	0	1437246
	v	100	40	5.7	5.7	4.6	4.6	2.260	11	SLU	0	-333496	0	753765
180	o	100	40	5.7	11.3	4.6	4.6	2.064	11	SLU	0	-696212	0	1437246
	v	100	40	5.7	5.7	4.6	4.6	2.460	11	SLU	0	-306433	0	753765
181	o	100	40	5.7	9.0	4.6	4.6	1.675	11	SLU	0	-696395	0	1166127
	v	100	40	5.7	5.7	4.6	4.6	2.679	11	SLU	0	-281329	0	753765
182	o	100	40	5.7	5.7	4.6	4.6	1.092	11	SLU	0	-690452	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.911	11	SLU	0	-258931	0	753765
183	o	100	40	5.7	5.7	4.6	4.6	1.107	11	SLU	0	-681069	0	753765

	v	100	40	5.7	5.7	4.6	4.6	3.148	11	SLU	0	-239437	0	753765
184	o	100	40	5.7	5.7	4.6	4.6	1.107	11	SLU	0	-680749	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.159	11	SLU	0	-238619	0	753765
185	o	100	40	5.7	5.7	4.6	4.6	1.092	11	SLU	0	-690043	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.915	11	SLU	0	-258589	0	753765
186	o	100	40	5.7	5.7	4.6	4.6	1.082	11	SLU	0	-696494	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.678	11	SLU	0	-281515	0	753765
187	o	100	40	5.7	5.7	4.6	4.6	1.082	11	SLU	0	-696830	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.454	11	SLU	0	-307212	0	753765
188	o	100	40	5.7	5.7	4.6	4.6	1.091	11	SLU	0	-690699	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.250	11	SLU	0	-334941	0	753765
189	o	100	40	5.7	5.7	4.6	4.6	1.113	11	SLU	0	-677315	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.076	11	SLU	0	-363117	0	753765
190	o	100	40	5.7	5.7	4.6	4.6	1.150	11	SLU	0	-655321	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.939	11	SLU	0	-388832	0	753765
191	o	100	40	5.7	5.7	4.6	4.6	1.210	11	SLU	0	-622705	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.851	11	SLU	0	-407188	0	753765
192	o	100	40	5.7	5.7	4.6	4.6	1.307	11	SLU	0	-576811	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.837	11	SLU	0	-410395	0	753765
193	o	100	40	5.7	5.7	4.6	4.6	1.463	11	SLU	0	-515149	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.947	11	SLU	0	-387063	0	753765
194	o	100	40	5.7	5.7	4.6	4.6	1.730	11	SLU	0	-435600	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.344	11	SLU	0	-321597	0	753765
195	o	100	40	5.7	5.7	4.6	4.6	2.199	11	SLU	0	-342807	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.494	6	SLV	0	-215720	0	753765
196	o	100	40	5.7	5.7	4.6	4.6	3.481	11	SLU	0	-216536	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.252	11	SLU	0	334725	0	-753765
197	o	50	40	3.4	3.4	4.6	4.6	5.167	11	SLU	0	-86529	0	447095
	v	100	40	5.7	5.7	4.6	4.6	8.856	1	SLV	0	-85109	0	753765
198	o	50	40	3.4	3.4	4.6	4.6	11.737	3	SLV	0	-38093	0	447095
	v	100	40	5.7	5.7	4.6	4.6	12.008	1	SLV	0	-62770	0	753765
199	o	100	40	5.7	5.7	4.6	4.6	5.418	11	SLU	0	-139133	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.615	11	SLU	0	288259	0	-753765
200	o	100	40	5.3	5.3	4.6	4.6	2.618	11	SLU	0	-272195	0	712658
	v	100	40	5.7	5.7	4.6	4.6	4.941	4	SLV	0	-152552	0	753765
201	o	100	40	5.7	5.7	4.6	4.6	2.046	11	SLU	0	-368493	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.100	11	SLU	0	-243139	0	753765
202	o	100	40	5.7	5.7	4.6	4.6	1.655	11	SLU	0	-455474	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.356	11	SLU	0	-319939	0	753765
203	o	100	40	5.7	5.7	4.6	4.6	1.425	11	SLU	0	-528956	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.115	11	SLU	0	-356331	0	753765
204	o	100	40	5.7	5.7	4.6	4.6	1.280	11	SLU	0	-589013	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.062	11	SLU	0	-365581	0	753765
205	o	100	40	5.7	9.0	4.6	4.6	1.832	11	SLU	0	-636436	0	1166127
	v	100	40	5.7	5.7	4.6	4.6	2.104	11	SLU	0	-358321	0	753765
206	o	100	40	5.7	11.3	4.6	4.6	2.137	11	SLU	0	-672648	0	1437246
	v	100	40	5.7	5.7	4.6	4.6	2.202	11	SLU	0	-342270	0	753765
207	o	100	40	5.7	11.3	4.6	4.6	2.056	11	SLU	0	-699022	0	1437246
	v	100	40	5.7	5.7	4.6	4.6	2.337	11	SLU	0	-322573	0	753765
208	o	100	40	5.7	11.3	4.6	4.6	2.005	11	SLU	0	-716693	0	1437246
	v	100	40	5.7	5.7	4.6	4.6	2.492	11	SLU	0	-302457	0	753765
209	o	100	40	5.7	9.0	4.6	4.6	1.605	11	SLU	0	-726473	0	1166127
	v	100	40	5.7	5.7	4.6	4.6	2.656	11	SLU	0	-283821	0	753765
210	o	100	40	5.7	5.7	4.6	4.6	1.034	11	SLU	0	-728855	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.816	11	SLU	0	-267673	0	753765
211	o	100	40	5.7	5.7	4.6	4.6	1.038	11	SLU	0	-725877	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.962	11	SLU	0	-254441	0	753765
212	o	100	40	5.7	5.7	4.6	4.6	1.039	11	SLU	0	-725758	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.967	11	SLU	0	-254023	0	753765
213	o	100	40	5.7	5.7	4.6	4.6	1.034	11	SLU	0	-728861	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.815	11	SLU	0	-267750	0	753765
214	o	100	40	5.7	5.7	4.6	4.6	1.037	11	SLU	0	-726992	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.650	11	SLU	0	-284431	0	753765
215	o	100	40	5.7	5.7	4.6	4.6	1.050	11	SLU	0	-717714	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.482	11	SLU	0	-303653	0	753765
216	o	100	40	5.7	5.7	4.6	4.6	1.076	11	SLU	0	-700518	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.323	11	SLU	0	-324412	0	753765
217	o	100	40	5.7	5.7	4.6	4.6	1.117	11	SLU	0	-674575	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.186	11	SLU	0	-344817	0	753765
218	o	100	40	5.7	5.7	4.6	4.6	1.180	11	SLU	0	-638728	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.084	11	SLU	0	-361638	0	753765
219	o	100	40	5.7	5.7	4.6	4.6	1.274	11	SLU	0	-591584	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.039	11	SLU	0	-369719	0	753765
220	o	100	40	5.7	5.7	4.6	4.6	1.418	11	SLU	0	-531701	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.086	11	SLU	0	-361321	0	753765
221	o	100	40	5.7	5.7	4.6	4.6	1.645	11	SLU	0	-458275	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.314	11	SLU	0	-325796	0	753765
222	o	100	40	5.7	5.7	4.6	4.6	2.031	11	SLU	0	-371218	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.018	11	SLU	0	-249724	0	753765
223	o	100	40	5.7	5.7	4.6	4.6	2.744	11	SLU	0	-274708	0	753765
	v	100	40	5.7	5.7	4.6	4.6	4.743	6	SLV	0	-158930	0	753765
224	o	100	40	5.7	5.7	4.6	4.6	5.401	11	SLU	0	-139552	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.668	11	SLU	0	282572	0	-753765
225	o	50	40	3.4	3.4	4.6	4.6	11.472	5	SLV	0	-38972	0	447095
	v	100	40	5.7	5.7	4.6	4.6	19.980	1	SLV	0	-37726	0	753765
226	o	50	40	3.4	3.4	4.6	4.6	37.045	11	SLU	0	-12069	0	447095
	v	100	40	5.7	5.7	4.6	4.6	28.358	7	SLU	0	-26581	0	753765
227	o	100	40	5.7	5.7	4.6	4.6	8.061	4	SLV	0	-93503	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.246	11	SLU	0	232199	0	-753765

228	o	100	40	5.3	5.3	4.6	4.6	3.555	11	SLU	0	-200485	0	712656
	v	100	40	5.7	5.7	4.6	4.6	8.285	4	SLV	0	-90983	0	753765
229	o	100	40	5.7	5.7	4.6	4.6	2.533	11	SLU	0	-297544	0	753765
	v	100	40	5.7	5.7	4.6	4.6	4.040	4	SLV	0	-186593	0	753765
230	o	100	40	5.7	5.7	4.6	4.6	1.941	11	SLU	0	-388274	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.871	11	SLU	0	-262519	0	753765
231	o	100	40	5.7	5.7	4.6	4.6	1.606	11	SLU	0	-469373	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.461	11	SLU	0	-306272	0	753765
232	o	100	40	5.7	5.7	4.6	4.6	1.397	11	SLU	0	-539559	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.329	11	SLU	0	-323706	0	753765
233	o	100	40	5.7	9.0	4.6	4.6	1.949	11	SLU	0	-598340	0	1166127
	v	100	40	5.7	5.7	4.6	4.6	2.322	11	SLU	0	-324616	0	753765
234	o	100	40	5.7	11.3	4.6	4.6	2.225	11	SLU	0	-646023	0	1437246
	v	100	40	5.7	5.7	4.6	4.6	2.383	11	SLU	0	-316287	0	753765
235	o	100	40	5.7	11.3	4.6	4.6	2.103	11	SLU	0	-683301	0	1437246
	v	100	40	5.7	5.7	4.6	4.6	2.482	11	SLU	0	-303733	0	753765
236	o	100	40	5.7	11.3	4.6	4.6	2.021	11	SLU	0	-710989	0	1437246
	v	100	40	5.7	5.7	4.6	4.6	2.597	11	SLU	0	-290218	0	753765
237	o	100	40	5.7	9.0	4.6	4.6	1.598	11	SLU	0	-729840	0	1166127
	v	100	40	5.7	5.7	4.6	4.6	2.714	11	SLU	0	-277754	0	753765
238	o	100	40	5.7	5.7	4.6	4.6	1.018	11	SLU	0	-740433	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.818	11	SLU	0	-267506	0	753765
239	o	100	40	5.7	5.7	4.6	4.6	1.013	11	SLU	0	-744027	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.898	11	SLU	0	-260067	0	753765
240	o	100	40	5.7	5.7	4.6	4.6	1.013	11	SLU	0	-744111	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.899	11	SLU	0	-260019	0	753765
241	o	100	40	5.7	5.7	4.6	4.6	1.017	11	SLU	0	-740849	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.813	11	SLU	0	-267955	0	753765
242	o	100	40	5.7	5.7	4.6	4.6	1.031	11	SLU	0	-730753	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.704	11	SLU	0	-278727	0	753765
243	o	100	40	5.7	5.7	4.6	4.6	1.058	11	SLU	0	-712371	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.584	11	SLU	0	-291754	0	753765
244	o	100	40	5.7	5.7	4.6	4.6	1.100	11	SLU	0	-685104	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.464	11	SLU	0	-305878	0	753765
245	o	100	40	5.7	5.7	4.6	4.6	1.163	11	SLU	0	-648183	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.362	11	SLU	0	-319089	0	753765
246	o	100	40	5.7	5.7	4.6	4.6	1.255	11	SLU	0	-600772	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.297	11	SLU	0	-328121	0	753765
247	o	100	40	5.7	5.7	4.6	4.6	1.390	11	SLU	0	-542159	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.298	11	SLU	0	-327951	0	753765
248	o	100	40	5.7	5.7	4.6	4.6	1.597	11	SLU	0	-472019	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.422	11	SLU	0	-311274	0	753765
249	o	100	40	5.7	5.7	4.6	4.6	1.929	11	SLU	0	-390824	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.810	11	SLU	0	-268282	0	753765
250	o	100	40	5.7	5.7	4.6	4.6	2.514	11	SLU	0	-299832	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.921	6	SLV	0	-192224	0	753765
251	o	100	40	5.7	5.7	4.6	4.6	3.726	11	SLU	0	-202315	0	753765
	v	100	40	5.7	5.7	4.6	4.6	7.749	6	SLV	0	-97273	0	753765
252	o	100	40	5.7	5.7	4.6	4.6	7.982	6	SLV	0	-94436	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.346	11	SLU	0	225262	0	-753765
253	o	50	40	3.4	3.4	4.6	4.6	31.752	6	SLV	0	-14081	0	447095
	v	100	40	5.7	5.7	4.6	4.6	31.495	7	SLV	0	-23932	0	753765
254	o	50	40	3.4	3.4	4.6	4.6	36.275	3	SLV	0	-12325	0	447095
	v	100	40	5.7	5.7	4.6	4.6	32.124	2	SLV	0	-23464	0	753765
255	o	100	40	5.7	5.7	4.6	4.6	7.886	3	SLV	0	-95587	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.235	11	SLU	0	233009	0	-753765
256	o	100	40	5.3	5.3	4.6	4.6	3.517	11	SLU	0	-202633	0	712654
	v	100	40	5.7	5.7	4.6	4.6	8.064	3	SLV	0	-93476	0	753765
257	o	100	40	5.7	5.7	4.6	4.6	2.517	11	SLU	0	-299423	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.971	3	SLV	0	-189801	0	753765
258	o	100	40	5.7	5.7	4.6	4.6	1.934	11	SLU	0	-389724	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.862	11	SLU	0	-263393	0	753765
259	o	100	40	5.7	5.7	4.6	4.6	1.603	11	SLU	0	-470328	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.455	11	SLU	0	-306971	0	753765
260	o	100	40	5.7	5.7	4.6	4.6	1.396	11	SLU	0	-540036	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.325	11	SLU	0	-324246	0	753765
261	o	100	40	5.7	9.0	4.6	4.6	1.949	11	SLU	0	-598377	0	1166127
	v	100	40	5.7	5.7	4.6	4.6	2.319	11	SLU	0	-325009	0	753765
262	o	100	40	5.7	11.3	4.6	4.6	2.226	11	SLU	0	-645668	0	1437246
	v	100	40	5.7	5.7	4.6	4.6	2.381	11	SLU	0	-316547	0	753765
263	o	100	40	5.7	11.3	4.6	4.6	2.106	11	SLU	0	-682599	0	1437246
	v	100	40	5.7	5.7	4.6	4.6	2.481	11	SLU	0	-303874	0	753765
264	o	100	40	5.7	11.3	4.6	4.6	2.024	11	SLU	0	-709984	0	1437246
	v	100	40	5.7	5.7	4.6	4.6	2.597	11	SLU	0	-290253	0	753765
265	o	100	40	5.7	9.0	4.6	4.6	1.601	11	SLU	0	-728572	0	1166127
	v	100	40	5.7	5.7	4.6	4.6	2.714	11	SLU	0	-277694	0	753765
266	o	100	40	5.7	5.7	4.6	4.6	1.020	11	SLU	0	-738939	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.819	11	SLU	0	-267360	0	753765
267	o	100	40	5.7	5.7	4.6	4.6	1.015	11	SLU	0	-742381	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.901	11	SLU	0	-259840	0	753765
268	o	100	40	5.7	5.7	4.6	4.6	1.015	11	SLU	0	-742504	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.901	11	SLU	0	-259831	0	753765
269	o	100	40	5.7	5.7	4.6	4.6	1.019	11	SLU	0	-739434	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.814	11	SLU	0	-267848	0	753765
270	o	100	40	5.7	5.7	4.6	4.6	1.033	11	SLU	0	-729566	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.705	11	SLU	0	-278707	0	753765
271	o	100	40	5.7	5.7	4.6	4.6	1.059	11	SLU	0	-711447	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.583	11	SLU	0	-291828	0	753765
272	o	100	40	5.7	5.7	4.6	4.6	1.101	11	SLU	0	-684485	0	753765

	v	100	40	5.7	5.7	4.6	4.6	2.463	11	SLU	0	-306059	0	753765
273	o	100	40	5.7	5.7	4.6	4.6	1.163	11	SLU	0	-647913	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.360	11	SLU	0	-319390	0	753765
274	o	100	40	5.7	5.7	4.6	4.6	1.254	11	SLU	0	-600897	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.294	11	SLU	0	-328557	0	753765
275	o	100	40	5.7	5.7	4.6	4.6	1.389	11	SLU	0	-542725	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.294	11	SLU	0	-328534	0	753765
276	o	100	40	5.7	5.7	4.6	4.6	1.593	11	SLU	0	-473065	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.416	11	SLU	0	-312018	0	753765
277	o	100	40	5.7	5.7	4.6	4.6	1.921	11	SLU	0	-392368	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.800	11	SLU	0	-269202	0	753765
278	o	100	40	5.7	5.7	4.6	4.6	2.498	11	SLU	0	-301806	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.855	5	SLV	0	-195533	0	753765
279	o	100	40	5.7	5.7	4.6	4.6	3.685	11	SLU	0	-204563	0	753765
	v	100	40	5.7	5.7	4.6	4.6	7.547	5	SLV	0	-99878	0	753765
280	o	100	40	5.7	5.7	4.6	4.6	7.806	5	SLV	0	-96556	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.333	11	SLU	0	226129	0	-753765
281	o	50	40	3.4	3.4	4.6	4.6	30.990	5	SLV	0	-14427	0	447095
	v	100	40	5.7	5.7	4.6	4.6	31.510	8	SLV	0	-23922	0	753765
282	o	50	40	3.4	3.4	4.6	4.6	11.734	4	SLV	0	-38103	0	447095
	v	100	40	5.7	5.7	4.6	4.6	20.407	8	SLV	0	-36937	0	753765
283	o	100	40	5.7	5.7	4.6	4.6	5.393	11	SLU	0	-139763	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.604	11	SLU	0	289468	0	-753765
284	o	100	40	5.3	5.3	4.6	4.6	2.611	11	SLU	0	-272992	0	712651
	v	100	40	5.7	5.7	4.6	4.6	4.851	3	SLV	0	-155375	0	753765
285	o	100	40	5.7	5.7	4.6	4.6	2.045	11	SLU	0	-368576	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.079	11	SLU	0	-244779	0	753765
286	o	100	40	5.7	5.7	4.6	4.6	1.658	11	SLU	0	-454741	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.346	11	SLU	0	-321248	0	753765
287	o	100	40	5.7	5.7	4.6	4.6	1.429	11	SLU	0	-527414	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.110	11	SLU	0	-357291	0	753765
288	o	100	40	5.7	5.7	4.6	4.6	1.285	11	SLU	0	-586739	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.058	11	SLU	0	-366238	0	753765
289	o	100	40	5.7	9.0	4.6	4.6	1.841	11	SLU	0	-633520	0	1166127
	v	100	40	5.7	5.7	4.6	4.6	2.101	11	SLU	0	-358707	0	753765
290	o	100	40	5.7	11.3	4.6	4.6	2.148	11	SLU	0	-669176	0	1437246
	v	100	40	5.7	5.7	4.6	4.6	2.201	11	SLU	0	-342414	0	753765
291	o	100	40	5.7	11.3	4.6	4.6	2.068	11	SLU	0	-695077	0	1437246
	v	100	40	5.7	5.7	4.6	4.6	2.337	11	SLU	0	-322502	0	753765
292	o	100	40	5.7	11.3	4.6	4.6	2.018	11	SLU	0	-712353	0	1437246
	v	100	40	5.7	5.7	4.6	4.6	2.494	11	SLU	0	-302201	0	753765
293	o	100	40	5.7	9.0	4.6	4.6	1.616	11	SLU	0	-721812	0	1166127
	v	100	40	5.7	5.7	4.6	4.6	2.660	11	SLU	0	-283400	0	753765
294	o	100	40	5.7	5.7	4.6	4.6	1.041	11	SLU	0	-723940	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.822	11	SLU	0	-267104	0	753765
295	o	100	40	5.7	5.7	4.6	4.6	1.046	11	SLU	0	-720809	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.971	11	SLU	0	-253729	0	753765
296	o	100	40	5.7	5.7	4.6	4.6	1.046	11	SLU	0	-720728	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.975	11	SLU	0	-253390	0	753765
297	o	100	40	5.7	5.7	4.6	4.6	1.041	11	SLU	0	-724024	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.820	11	SLU	0	-267260	0	753765
298	o	100	40	5.7	5.7	4.6	4.6	1.043	11	SLU	0	-722408	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.653	11	SLU	0	-284090	0	753765
299	o	100	40	5.7	5.7	4.6	4.6	1.057	11	SLU	0	-713452	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.484	11	SLU	0	-303476	0	753765
300	o	100	40	5.7	5.7	4.6	4.6	1.082	11	SLU	0	-696652	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.323	11	SLU	0	-324423	0	753765
301	o	100	40	5.7	5.7	4.6	4.6	1.123	11	SLU	0	-671183	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.185	11	SLU	0	-345045	0	753765
302	o	100	40	5.7	5.7	4.6	4.6	1.185	11	SLU	0	-635894	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.082	11	SLU	0	-362111	0	753765
303	o	100	40	5.7	5.7	4.6	4.6	1.279	11	SLU	0	-589394	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.035	11	SLU	0	-370465	0	753765
304	o	100	40	5.7	5.7	4.6	4.6	1.422	11	SLU	0	-530245	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.080	11	SLU	0	-362372	0	753765
305	o	100	40	5.7	5.7	4.6	4.6	1.647	11	SLU	0	-457630	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.304	11	SLU	0	-327198	0	753765
306	o	100	40	5.7	5.7	4.6	4.6	2.030	11	SLU	0	-371390	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.998	11	SLU	0	-251457	0	753765
307	o	100	40	5.7	5.7	4.6	4.6	2.735	11	SLU	0	-275600	0	753765
	v	100	40	5.7	5.7	4.6	4.6	4.657	5	SLV	0	-161862	0	753765
308	o	100	40	5.7	5.7	4.6	4.6	5.375	11	SLU	0	-140242	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.655	11	SLU	0	283894	0	-753765
309	o	50	40	3.4	3.4	4.6	4.6	11.462	6	SLV	0	-39006	0	447095
	v	100	40	5.7	5.7	4.6	4.6	20.109	2	SLV	0	-37485	0	753765
310	o	50	40	3.4	3.4	4.6	4.6	5.288	11	SLU	0	-84549	0	447095
	v	100	40	5.7	5.7	4.6	4.6	9.075	8	SLV	0	-83064	0	753765
311	o	100	40	5.7	5.7	4.6	4.6	3.518	11	SLU	0	-214257	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.224	11	SLU	0	338926	0	-753765
312	o	100	40	5.3	5.3	4.6	4.6	2.103	11	SLU	0	-338864	0	712649
	v	100	40	5.7	5.7	4.6	4.6	3.549	3	SLV	0	-212393	0	753765
313	o	100	40	5.7	5.7	4.6	4.6	1.751	11	SLU	0	-430564	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.388	11	SLU	0	-315620	0	753765
314	o	100	40	5.7	5.7	4.6	4.6	1.481	11	SLU	0	-509072	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.976	11	SLU	0	-381426	0	753765
315	o	100	40	5.7	5.7	4.6	4.6	1.323	11	SLU	0	-569888	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.859	11	SLU	0	-405423	0	753765
316	o	100	40	5.7	5.7	4.6	4.6	1.225	11	SLU	0	-615170	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.871	11	SLU	0	-402935	0	753765

317	o	100	40	5.7	9.0	4.6	4.6	1.801	11	SLU	0	-647388	0	1166127
	v	100	40	5.7	5.7	4.6	4.6	1.956	11	SLU	0	-385283	0	753765
318	o	100	40	5.7	11.3	4.6	4.6	2.148	11	SLU	0	-669166	0	1437246
	v	100	40	5.7	5.7	4.6	4.6	2.092	11	SLU	0	-360230	0	753765
319	o	100	40	5.7	11.3	4.6	4.6	2.106	11	SLU	0	-682486	0	1437246
	v	100	40	5.7	5.7	4.6	4.6	2.266	11	SLU	0	-332663	0	753765
320	o	100	40	5.7	11.3	4.6	4.6	2.087	11	SLU	0	-688684	0	1437246
	v	100	40	5.7	5.7	4.6	4.6	2.467	11	SLU	0	-305489	0	753765
321	o	100	40	5.7	9.0	4.6	4.6	1.694	11	SLU	0	-688522	0	1166127
	v	100	40	5.7	5.7	4.6	4.6	2.689	11	SLU	0	-280295	0	753765
322	o	100	40	5.7	5.7	4.6	4.6	1.105	11	SLU	0	-682332	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.924	11	SLU	0	-257816	0	753765
323	o	100	40	5.7	5.7	4.6	4.6	1.120	11	SLU	0	-672821	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.164	11	SLU	0	-238243	0	753765
324	o	100	40	5.7	5.7	4.6	4.6	1.121	11	SLU	0	-672540	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.174	11	SLU	0	-237506	0	753765
325	o	100	40	5.7	5.7	4.6	4.6	1.105	11	SLU	0	-682002	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.927	11	SLU	0	-257554	0	753765
326	o	100	40	5.7	5.7	4.6	4.6	1.094	11	SLU	0	-688698	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.687	11	SLU	0	-280560	0	753765
327	o	100	40	5.7	5.7	4.6	4.6	1.093	11	SLU	0	-689377	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.460	11	SLU	0	-306347	0	753765
328	o	100	40	5.7	5.7	4.6	4.6	1.102	11	SLU	0	-683692	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.256	11	SLU	0	-334190	0	753765
329	o	100	40	5.7	5.7	4.6	4.6	1.124	11	SLU	0	-670864	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.079	11	SLU	0	-362506	0	753765
330	o	100	40	5.7	5.7	4.6	4.6	1.160	11	SLU	0	-649539	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.941	11	SLU	0	-388391	0	753765
331	o	100	40	5.7	5.7	4.6	4.6	1.220	11	SLU	0	-617711	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.852	11	SLU	0	-406945	0	753765
332	o	100	40	5.7	5.7	4.6	4.6	1.316	11	SLU	0	-572735	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.837	11	SLU	0	-410386	0	753765
333	o	100	40	5.7	5.7	4.6	4.6	1.472	11	SLU	0	-512128	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.946	11	SLU	0	-387363	0	753765
334	o	100	40	5.7	5.7	4.6	4.6	1.738	11	SLU	0	-433728	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.339	11	SLU	0	-322286	0	753765
335	o	100	40	5.7	5.7	4.6	4.6	2.203	11	SLU	0	-342077	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.446	5	SLV	0	-218742	0	753765
336	o	100	40	5.7	5.7	4.6	4.6	3.476	11	SLU	0	-216865	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.249	11	SLU	0	335161	0	-753765
337	o	50	40	3.4	3.4	4.6	4.6	5.150	11	SLU	0	-86818	0	447095
	v	100	40	5.7	5.7	4.6	4.6	8.923	2	SLV	0	-84474	0	753765
338	o	50	40	3.4	3.4	4.6	4.6	3.383	11	SLU	0	-132153	0	447095
	v	100	40	5.7	5.7	4.6	4.6	5.820	4	SLV	0	-129507	0	753765
339	o	100	40	5.7	5.7	4.6	4.6	2.411	11	SLU	0	-312684	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.050	11	SLU	0	367763	0	-753765
340	o	100	40	5.3	5.3	4.6	4.6	1.789	11	SLU	0	-398435	0	712646
	v	100	40	5.7	5.7	4.6	4.6	2.743	11	SLU	0	-274808	0	753765
341	o	100	40	5.7	5.7	4.6	4.6	1.563	11	SLU	0	-482201	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.988	11	SLU	0	-379208	0	753765
342	o	100	40	5.7	5.7	4.6	4.6	1.376	11	SLU	0	-547714	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.759	11	SLU	0	-428459	0	753765
343	o	100	40	5.7	5.7	4.6	4.6	1.275	11	SLU	0	-591382	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.726	11	SLU	0	-436637	0	753765
344	o	100	40	5.7	5.7	4.6	4.6	1.219	11	SLU	0	-618432	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.789	11	SLU	0	-421343	0	753765
345	o	100	40	5.7	9.0	4.6	4.6	1.841	11	SLU	0	-633271	0	1166127
	v	100	40	5.7	5.7	4.6	4.6	1.914	11	SLU	0	-393848	0	753765
346	o	100	40	5.7	11.3	4.6	4.6	2.247	11	SLU	0	-639522	0	1437246
	v	100	40	5.7	5.7	4.6	4.6	2.087	11	SLU	0	-361194	0	753765
347	o	100	40	5.7	11.3	4.6	4.6	2.248	11	SLU	0	-639452	0	1437246
	v	100	40	5.7	5.7	4.6	4.6	2.302	11	SLU	0	-327476	0	753765
348	o	100	40	5.7	11.3	4.6	4.6	2.266	11	SLU	0	-634323	0	1437246
	v	100	40	5.7	5.7	4.6	4.6	2.555	11	SLU	0	-294966	0	753765
349	o	100	40	5.7	9.0	4.6	4.6	1.867	11	SLU	0	-624679	0	1166127
	v	100	40	5.7	5.7	4.6	4.6	2.847	11	SLU	0	-264790	0	753765
350	o	100	40	5.7	5.7	4.6	4.6	1.234	11	SLU	0	-610601	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.176	11	SLU	0	-237360	0	753765
351	o	100	40	5.7	5.7	4.6	4.6	1.266	11	SLU	0	-595262	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.545	11	SLU	0	-212635	0	753765
352	o	100	40	5.7	5.7	4.6	4.6	1.267	11	SLU	0	-594791	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.563	11	SLU	0	-211533	0	753765
353	o	100	40	5.7	5.7	4.6	4.6	1.236	11	SLU	0	-609864	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.185	11	SLU	0	-236694	0	753765
354	o	100	40	5.7	5.7	4.6	4.6	1.207	11	SLU	0	-624416	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.848	11	SLU	0	-264623	0	753765
355	o	100	40	5.7	5.7	4.6	4.6	1.188	11	SLU	0	-634566	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.552	11	SLU	0	-295373	0	753765
356	o	100	40	5.7	5.7	4.6	4.6	1.177	11	SLU	0	-640220	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.294	11	SLU	0	-328546	0	753765
357	o	100	40	5.7	5.7	4.6	4.6	1.176	11	SLU	0	-640823	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.076	11	SLU	0	-363023	0	753765
358	o	100	40	5.7	5.7	4.6	4.6	1.187	11	SLU	0	-635099	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.901	11	SLU	0	-396538	0	753765
359	o	100	40	5.7	5.7	4.6	4.6	1.214	11	SLU	0	-620758	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.774	11	SLU	0	-424986	0	753765
360	o	100	40	5.7	5.7	4.6	4.6	1.269	11	SLU	0	-594152	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.708	11	SLU	0	-441303	0	753765
361	o	100	40	5.7	5.7	4.6	4.6	1.368	11	SLU	0	-550860	0	753765

	v	100	40	5.7	5.7	4.6	4.6	1.736	11	SLU	0	-434180	0	753765
362	o	100	40	5.7	5.7	4.6	4.6	1.552	11	SLU	0	-485650	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.953	11	SLU	0	-385880	0	753765
363	o	100	40	5.7	5.7	4.6	4.6	1.874	11	SLU	0	-402223	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.672	11	SLU	0	-282127	0	753765
364	o	100	40	5.7	5.7	4.6	4.6	2.382	11	SLU	0	-316485	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.058	11	SLU	0	366272	0	-753765
365	o	50	40	3.4	3.4	4.6	4.6	3.301	11	SLU	0	-135461	0	447095
	v	100	40	5.7	5.7	4.6	4.6	6.004	6	SLV	0	-125535	0	753765
366	o	50	40	3.4	3.4	4.6	4.6	2.755	11	SLU	0	-162313	0	447095
	v	100	40	5.7	5.7	4.6	4.6	4.882	4	SLV	0	-154410	0	753765
367	o	100	40	5.7	5.7	4.6	4.6	2.036	11	SLU	0	-370284	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.076	11	SLU	0	363015	0	-753765
368	o	100	40	5.3	5.3	4.6	4.6	1.590	11	SLU	0	-448284	0	712644
	v	100	40	5.7	5.7	4.6	4.6	2.148	11	SLU	0	-350853	0	753765
369	o	100	40	5.7	5.7	4.6	4.6	1.457	11	SLU	0	-517164	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.756	11	SLU	0	-429205	0	753765
370	o	100	40	5.7	5.7	4.6	4.6	1.342	11	SLU	0	-561544	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.655	11	SLU	0	-455477	0	753765
371	o	100	40	5.7	5.7	4.6	4.6	1.296	11	SLU	0	-581519	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.691	11	SLU	0	-445637	0	753765
372	o	100	40	5.7	5.7	4.6	4.6	1.285	11	SLU	0	-586398	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.803	11	SLU	0	-418033	0	753765
373	o	100	40	5.7	5.7	4.6	4.6	1.295	11	SLU	0	-582058	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.971	11	SLU	0	-382437	0	753765
374	o	100	40	5.7	5.7	4.6	4.6	1.317	11	SLU	0	-572351	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.189	11	SLU	0	-344308	0	753765
375	o	100	40	5.7	5.7	4.6	4.6	1.348	11	SLU	0	-559204	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.459	11	SLU	0	-306526	0	753765
376	o	100	40	5.7	5.7	4.6	4.6	1.374	6	SLV	0	-548654	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.786	11	SLU	0	-270564	0	753765
377	o	100	40	5.7	5.7	4.6	4.6	1.391	6	SLV	0	-542004	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.180	11	SLU	0	-237044	0	753765
378	o	100	40	5.7	5.7	4.6	4.6	1.421	6	SLV	0	-530476	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.658	11	SLU	0	-206075	0	753765
379	o	100	40	5.7	5.7	4.6	4.6	1.463	6	SLV	0	-515216	0	753765
	v	100	40	5.7	5.7	4.6	4.6	4.248	11	SLU	0	-177424	0	753765
380	o	100	40	5.7	5.7	4.6	4.6	1.468	4	SLV	0	-513517	0	753765
	v	100	40	5.7	5.7	4.6	4.6	4.282	11	SLU	0	-176011	0	753765
381	o	100	40	5.7	5.7	4.6	4.6	1.425	4	SLV	0	-529002	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.676	11	SLU	0	-205042	0	753765
382	o	100	40	5.7	5.7	4.6	4.6	1.394	4	SLV	0	-540816	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.188	11	SLU	0	-236462	0	753765
383	o	100	40	5.7	5.7	4.6	4.6	1.376	4	SLV	0	-547783	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.786	11	SLU	0	-270512	0	753765
384	o	100	40	5.7	5.7	4.6	4.6	1.347	11	SLU	0	-559447	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.454	11	SLU	0	-307100	0	753765
385	o	100	40	5.7	5.7	4.6	4.6	1.315	11	SLU	0	-573138	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.181	11	SLU	0	-345613	0	753765
386	o	100	40	5.7	5.7	4.6	4.6	1.292	11	SLU	0	-583420	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.960	11	SLU	0	-384591	0	753765
387	o	100	40	5.7	5.7	4.6	4.6	1.281	11	SLU	0	-588355	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.790	11	SLU	0	-421150	0	753765
388	o	100	40	5.7	5.7	4.6	4.6	1.291	11	SLU	0	-584069	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.676	11	SLU	0	-449805	0	753765
389	o	100	40	5.7	5.7	4.6	4.6	1.335	11	SLU	0	-564673	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.636	11	SLU	0	-460740	0	753765
390	o	100	40	5.7	5.7	4.6	4.6	1.447	11	SLU	0	-520841	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.731	11	SLU	0	-435520	0	753765
391	o	100	40	5.7	5.7	4.6	4.6	1.665	11	SLU	0	-452645	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.108	11	SLU	0	-357523	0	753765
392	o	100	40	5.7	5.7	4.6	4.6	2.010	11	SLU	0	-375074	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.070	11	SLU	0	364109	0	-753765
393	o	50	40	3.4	3.4	4.6	4.6	2.693	11	SLU	0	-166001	0	447095
	v	100	40	5.7	5.7	4.6	4.6	5.192	4	SLV	0	-145169	0	753765
394	o	50	40	3.4	3.4	4.6	4.6	2.360	11	SLU	0	-189479	0	447095
	v	100	40	5.7	5.7	4.6	4.6	5.028	6	SLV	0	-149926	0	753765
395	o	100	40	5.7	5.7	4.6	4.6	1.803	11	SLU	0	-418142	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.779	3	SLV	0	-271243	0	753765
396	o	100	40	5.3	5.3	4.6	4.6	1.485	11	SLU	0	-480011	0	712642
	v	100	40	5.7	5.7	4.6	4.6	1.822	11	SLU	0	-413693	0	753765
397	o	100	40	5.7	5.7	4.6	4.6	1.445	11	SLU	0	-521491	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.660	11	SLU	0	-453949	0	753765
398	o	100	40	5.7	5.7	4.6	4.6	1.412	11	SLU	0	-533882	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.660	11	SLU	0	-453971	0	753765
399	o	100	40	5.7	5.7	4.6	4.6	1.437	11	SLU	0	-524449	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.762	11	SLU	0	-427811	0	753765
400	o	100	40	5.7	5.7	4.6	4.6	1.453	4	SLV	0	-518790	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.927	11	SLU	0	-391140	0	753765
401	o	100	40	5.7	5.7	4.6	4.6	1.457	4	SLV	0	-517344	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.149	11	SLU	0	-350725	0	753765
402	o	100	40	5.7	5.7	4.6	4.6	1.471	6	SLV	0	-512447	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.434	11	SLU	0	-309682	0	753765
403	o	100	40	5.7	5.7	4.6	4.6	1.486	6	SLV	0	-507224	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.789	11	SLU	0	-270235	0	753765
404	o	100	40	5.7	5.7	4.6	4.6	1.514	6	SLV	0	-497961	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.238	11	SLU	0	-232798	0	753765
405	o	100	40	5.7	5.7	4.6	4.6	1.556	6	SLV	0	-484417	0	753765
	v	100	40	5.7	5.7	4.6	4.6	3.815	11	SLU	0	-197602	0	753765

406	o 100	40	5.7	5.7	4.6	4.6	1.616	6	SLV	0	-466301	0	753765
	v 100	40	5.7	5.7	4.6	4.6	4.552	6	SLV	0	-165606	0	753765
407	o 100	40	5.7	5.7	4.6	4.6	1.694	6	SLV	0	-445061	0	753765
	v 100	40	5.7	5.7	4.6	4.6	5.272	6	SLV	0	-142962	0	753765
408	o 100	40	5.7	5.7	4.6	4.6	1.701	4	SLV	0	-443251	0	753765
	v 100	40	5.7	5.7	4.6	4.6	5.342	4	SLV	0	-141111	0	753765
409	o 100	40	5.7	5.7	4.6	4.6	1.622	4	SLV	0	-464634	0	753765
	v 100	40	5.7	5.7	4.6	4.6	4.597	4	SLV	0	-163957	0	753765
410	o 100	40	5.7	5.7	4.6	4.6	1.561	4	SLV	0	-482953	0	753765
	v 100	40	5.7	5.7	4.6	4.6	3.833	11	SLU	0	-196666	0	753765
411	o 100	40	5.7	5.7	4.6	4.6	1.517	4	SLV	0	-496742	0	753765
	v 100	40	5.7	5.7	4.6	4.6	3.244	11	SLU	0	-232324	0	753765
412	o 100	40	5.7	5.7	4.6	4.6	1.489	4	SLV	0	-506291	0	753765
	v 100	40	5.7	5.7	4.6	4.6	2.788	11	SLU	0	-270317	0	753765
413	o 100	40	5.7	5.7	4.6	4.6	1.473	4	SLV	0	-511847	0	753765
	v 100	40	5.7	5.7	4.6	4.6	2.428	11	SLU	0	-310428	0	753765
414	o 100	40	5.7	5.7	4.6	4.6	1.457	6	SLV	0	-517459	0	753765
	v 100	40	5.7	5.7	4.6	4.6	2.140	11	SLU	0	-352256	0	753765
415	o 100	40	5.7	5.7	4.6	4.6	1.451	6	SLV	0	-519373	0	753765
	v 100	40	5.7	5.7	4.6	4.6	1.915	11	SLU	0	-393577	0	753765
416	o 100	40	5.7	5.7	4.6	4.6	1.432	11	SLU	0	-526505	0	753765
	v 100	40	5.7	5.7	4.6	4.6	1.748	11	SLU	0	-431255	0	753765
417	o 100	40	5.7	5.7	4.6	4.6	1.404	11	SLU	0	-536745	0	753765
	v 100	40	5.7	5.7	4.6	4.6	1.644	11	SLU	0	-458465	0	753765
418	o 100	40	5.7	5.7	4.6	4.6	1.435	11	SLU	0	-525235	0	753765
	v 100	40	5.7	5.7	4.6	4.6	1.641	11	SLU	0	-459401	0	753765
419	o 100	40	5.7	5.7	4.6	4.6	1.554	11	SLU	0	-484930	0	753765
	v 100	40	5.7	5.7	4.6	4.6	1.798	11	SLU	0	-419269	0	753765
420	o 100	40	5.7	5.7	4.6	4.6	1.777	11	SLU	0	-424148	0	753765
	v 100	40	5.7	5.7	4.6	4.6	2.737	5	SLV	0	-275393	0	753765
421	o 50	40	3.4	3.4	4.6	4.6	2.313	11	SLU	0	-193315	0	447095
	v 100	40	5.7	5.7	4.6	4.6	8.232	4	SLV	0	-91569	0	753765
422	o 50	40	3.4	3.4	4.6	4.6	2.027	11	SLU	0	-220585	0	447095
	v 100	40	5.7	5.7	4.6	4.6	8.255	6	SLV	0	-91311	0	753765
423	o 100	40	5.7	5.7	4.6	4.6	1.661	11	SLU	0	-453682	0	753765
	v 100	40	5.7	5.7	4.6	4.6	2.504	3	SLV	0	-301073	0	753765
424	o 100	40	5.3	5.3	4.6	4.6	1.485	11	SLU	0	-479753	0	712639
	v 100	40	5.7	5.7	4.6	4.6	1.699	11	SLU	0	-443614	0	753765
425	o 100	40	5.7	5.7	4.6	4.6	1.581	11	SLU	0	-476745	0	753765
	v 100	40	5.7	5.7	4.6	4.6	1.711	11	SLU	0	-440447	0	753765
426	o 100	40	5.7	5.7	4.6	4.6	1.646	4	SLV	0	-457996	0	753765
	v 100	40	5.7	5.7	4.6	4.6	1.803	11	SLU	0	-418022	0	753765
427	o 100	40	5.7	5.7	4.6	4.6	1.660	4	SLV	0	-454186	0	753765
	v 100	40	5.7	5.7	4.6	4.6	1.973	11	SLU	0	-382039	0	753765
428	o 100	40	5.7	5.7	4.6	4.6	1.674	6	SLV	0	-450164	0	753765
	v 100	40	5.7	5.7	4.6	4.6	2.207	11	SLU	0	-341465	0	753765
429	o 100	40	5.7	5.7	4.6	4.6	1.692	6	SLV	0	-445393	0	753765
	v 100	40	5.7	5.7	4.6	4.6	2.511	11	SLU	0	-300233	0	753765
430	o 100	40	5.7	5.7	4.6	4.6	1.722	6	SLV	0	-437681	0	753765
	v 100	40	5.7	5.7	4.6	4.6	3.035	4	SLV	0	-248379	0	753765
431	o 100	40	5.7	5.7	4.6	4.6	1.768	6	SLV	0	-426406	0	753765
	v 100	40	5.7	5.7	4.6	4.6	3.439	6	SLV	0	-219181	0	753765
432	o 100	40	5.7	5.7	4.6	4.6	1.833	6	SLV	0	-411128	0	753765
	v 100	40	5.7	5.7	4.6	4.6	3.949	6	SLV	0	-190894	0	753765
433	o 100	40	5.7	5.7	4.6	4.6	1.926	6	SLV	0	-391436	0	753765
	v 100	40	5.7	5.7	4.6	4.6	4.614	6	SLV	0	-163379	0	753765
434	o 100	40	5.7	5.7	4.6	4.6	2.053	6	SLV	0	-367095	0	753765
	v 100	40	5.7	5.7	4.6	4.6	5.554	6	SLV	0	-135718	0	753765
435	o 100	40	5.7	5.7	4.6	4.6	2.217	6	SLV	0	-339928	0	753765
	v 100	40	5.7	5.7	4.6	4.6	6.936	6	SLV	0	-108668	0	753765
436	o 100	40	5.7	5.7	4.6	4.6	2.230	4	SLV	0	-338087	0	753765
	v 100	40	5.7	5.7	4.6	4.6	7.063	4	SLV	0	-106723	0	753765
437	o 100	40	5.7	5.7	4.6	4.6	2.064	4	SLV	0	-365279	0	753765
	v 100	40	5.7	5.7	4.6	4.6	5.628	4	SLV	0	-133920	0	753765
438	o 100	40	5.7	5.7	4.6	4.6	1.934	4	SLV	0	-389704	0	753765
	v 100	40	5.7	5.7	4.6	4.6	4.659	4	SLV	0	-161776	0	753765
439	o 100	40	5.7	5.7	4.6	4.6	1.841	4	SLV	0	-409522	0	753765
	v 100	40	5.7	5.7	4.6	4.6	3.977	4	SLV	0	-189538	0	753765
440	o 100	40	5.7	5.7	4.6	4.6	1.774	4	SLV	0	-424977	0	753765
	v 100	40	5.7	5.7	4.6	4.6	3.456	4	SLV	0	-218134	0	753765
441	o 100	40	5.7	5.7	4.6	4.6	1.727	4	SLV	0	-436485	0	753765
	v 100	40	5.7	5.7	4.6	4.6	3.040	6	SLV	0	-247960	0	753765
442	o 100	40	5.7	5.7	4.6	4.6	1.696	4	SLV	0	-444498	0	753765
	v 100	40	5.7	5.7	4.6	4.6	2.503	11	SLU	0	-301107	0	753765
443	o 100	40	5.7	5.7	4.6	4.6	1.676	4	SLV	0	-449656	0	753765
	v 100	40	5.7	5.7	4.6	4.6	2.197	11	SLU	0	-343136	0	753765
444	o 100	40	5.7	5.7	4.6	4.6	1.658	6	SLV	0	-454489	0	753765
	v 100	40	5.7	5.7	4.6	4.6	1.960	11	SLU	0	-384595	0	753765
445	o 100	40	5.7	5.7	4.6	4.6	1.642	6	SLV	0	-459016	0	753765
	v 100	40	5.7	5.7	4.6	4.6	1.788	11	SLU	0	-421473	0	753765
446	o 100	40	5.7	5.7	4.6	4.6	1.569	11	SLU	0	-480397	0	753765
	v 100	40	5.7	5.7	4.6	4.6	1.697	11	SLU	0	-444212	0	753765
447	o 100	40	5.7	5.7	4.6	4.6	1.553	11	SLU	0	-485311	0	753765
	v 100	40	5.7	5.7	4.6	4.6	1.685	11	SLU	0	-447445	0	753765
448	o 100	40	5.7	5.7	4.6	4.6	1.630	11	SLU	0	-462474	0	753765
	v 100	40	5.7	5.7	4.6	4.6	2.484	5	SLV	0	-303476	0	753765
449	o 50	40	3.4	3.4	4.6	4.6	1.990	11	SLU	0	-224724	0	447095
	v 100	40	5.7	5.7	4.6	4.6	11.780	5	SLV	0	63987	0	-753765
450	o 50	40	3.4	3.4	4.6	4.6	2.002	11	SLU	0	-223344	0	447095

	v	100	40	5.7	5.7	4.6	4.6	9.912	3	SLV	0	76049	0	-753765
451	o	100	40	5.7	5.7	4.6	4.6	1.714	11	SLU	0	-439702	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.828	11	SLU	0	-412407	0	753765
452	o	100	40	5.3	5.3	4.6	4.6	1.771	11	SLU	0	-402402	0	712637
	v	100	40	5.7	5.7	4.6	4.6	1.716	11	SLU	0	-439331	0	753765
453	o	100	40	5.7	5.7	4.6	4.6	2.136	6	SLV	0	-352845	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.849	11	SLU	0	-407659	0	753765
454	o	100	40	5.7	5.7	4.6	4.6	2.254	6	SLV	0	-334469	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.052	11	SLU	0	-367359	0	753765
455	o	100	40	5.7	5.7	4.6	4.6	1.969	11	SLU	0	382882	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	2.296	11	SLU	0	-328340	0	753765
456	o	100	40	5.7	5.7	4.6	4.6	1.989	3	SLV	0	379001	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	2.689	4	SLV	0	-280321	0	753765
457	o	100	40	5.7	5.7	4.6	4.6	1.911	3	SLV	0	394482	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	4.385	4	SLV	0	-171881	0	753765
458	o	100	40	5.7	5.7	4.6	4.6	1.880	3	SLV	0	401019	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	5.051	6	SLV	0	-149223	0	753765
459	o	100	40	5.7	5.7	4.6	4.6	1.881	3	SLV	0	400718	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	5.811	6	SLV	0	-129707	0	753765
460	o	100	40	5.7	5.7	4.6	4.6	1.893	5	SLV	0	398289	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	6.898	6	SLV	0	-109269	0	753765
461	o	100	40	5.7	5.7	4.6	4.6	1.923	5	SLV	0	391959	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	8.386	6	SLV	0	-89885	0	753765
462	o	100	40	5.7	5.7	4.6	4.6	1.980	5	SLV	0	380628	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	10.780	6	SLV	0	-69925	0	753765
463	o	100	40	5.7	5.7	4.6	4.6	2.058	5	SLV	0	366331	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	14.843	6	SLV	0	-50782	0	753765
464	o	100	40	5.7	5.7	4.6	4.6	2.060	3	SLV	0	365880	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	15.230	4	SLV	0	-49493	0	753765
465	o	100	40	5.7	5.7	4.6	4.6	1.981	3	SLV	0	380410	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	10.971	4	SLV	0	-68704	0	753765
466	o	100	40	5.7	5.7	4.6	4.6	1.923	3	SLV	0	391958	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	8.491	4	SLV	0	-88770	0	753765
467	o	100	40	5.7	5.7	4.6	4.6	1.891	3	SLV	0	398545	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	6.960	4	SLV	0	-108297	0	753765
468	o	100	40	5.7	5.7	4.6	4.6	1.878	5	SLV	0	401451	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	5.847	4	SLV	0	-128919	0	753765
469	o	100	40	5.7	5.7	4.6	4.6	1.875	5	SLV	0	402096	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	5.070	4	SLV	0	-148668	0	753765
470	o	100	40	5.7	5.7	4.6	4.6	1.904	5	SLV	0	395891	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	4.387	6	SLV	0	-171813	0	753765
471	o	100	40	5.7	5.7	4.6	4.6	1.980	5	SLV	0	380677	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	2.687	6	SLV	0	-280527	0	753765
472	o	100	40	5.7	5.7	4.6	4.6	1.962	11	SLU	0	384159	0	-753765
	v	100	40	5.7	5.7	4.6	4.6	2.284	11	SLU	0	-330068	0	753765
473	o	100	40	5.7	5.7	4.6	4.6	2.257	4	SLV	0	-333919	0	753765
	v	100	40	5.7	5.7	4.6	4.6	2.039	11	SLU	0	-369751	0	753765
474	o	100	40	5.7	5.7	4.6	4.6	2.133	4	SLV	0	-353428	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.838	11	SLU	0	-410144	0	753765
475	o	100	40	5.7	5.7	4.6	4.6	1.851	11	SLU	0	-407173	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.708	11	SLU	0	-441204	0	753765
476	o	100	40	5.7	5.7	4.6	4.6	1.679	11	SLU	0	-448808	0	753765
	v	100	40	5.7	5.7	4.6	4.6	1.829	11	SLU	0	-412122	0	753765
477	o	50	40	3.4	3.4	4.6	4.6	1.955	11	SLU	0	-228713	0	447095
	v	100	40	5.7	5.7	4.6	4.6	9.643	5	SLV	0	78164	0	-753765
478	o	60	40	3.4	3.4	4.6	4.6	6.894	11	SLU	0	65598	0	-452259
	v	50	40	3.4	3.4	4.6	4.6	8.333	11	SLU	0	53655	0	-447095
479	o	100	40	5.7	5.7	4.6	4.6	12.255	11	SLU	0	61507	0	-753765
	v	50	40	3.4	3.4	4.6	4.6	2.119	11	SLU	0	-210987	0	447095
480	o	100	40	5.3	5.3	4.6	4.6	4.759	11	SLU	0	-149746	0	712637
	v	50	40	3.4	3.4	4.6	4.6	2.043	11	SLU	0	-218867	0	447095
481	o	100	40	5.7	5.7	4.6	4.6	2.970	11	SLU	0	-253800	0	753765
	v	50	40	3.4	3.4	4.6	4.6	2.269	11	SLU	0	-197078	0	447095
482	o	100	40	5.7	5.7	4.6	4.6	2.740	11	SLU	0	-275098	0	753765
	v	50	40	3.4	3.4	4.6	4.6	2.611	11	SLU	0	-171265	0	447095
483	o	100	40	5.7	5.7	4.6	4.6	2.776	11	SLU	0	-271559	0	753765
	v	50	40	3.4	3.4	4.6	4.6	2.985	11	SLU	0	-149774	0	447095
484	o	100	40	5.7	5.7	4.6	4.6	2.990	11	SLU	0	-252053	0	753765
	v	50	40	3.4	3.4	4.6	4.6	3.518	4	SLV	0	-127079	0	447095
485	o	100	40	5.7	5.7	4.6	4.6	3.369	11	SLU	0	-223704	0	753765
	v	50	40	3.4	3.4	4.6	4.6	4.749	8	SLV	0	94149	0	-447095
486	o	100	40	5.7	5.7	4.6	4.6	3.948	11	SLU	0	-190920	0	753765
	v	50	40	3.4	3.4	4.6	4.6	4.067	11	SLU	0	109931	0	-447095
487	o	100	40	5.7	5.7	4.6	4.6	4.826	11	SLU	0	-156193	0	753765
	v	50	40	3.4	3.4	4.6	4.6	4.773	11	SLU	0	93664	0	-447095
488	o	100	40	5.7	5.7	4.6	4.6	8.886	11	SLU	0	-84828	0	753765
	v	50	40	3.4	3.4	4.6	4.6	5.859	11	SLU	0	76313	0	-447095
489	o	100	40	5.7	5.7	4.6	4.6	16.877	11	SLU	0	44662	0	-753765
	v	50	40	3.4	3.4	4.6	4.6	7.611	11	SLU	0	58746	0	-447095
490	o	100	40	5.7	5.7	4.6	4.6	14.541	11	SLU	0	51838	0	-753765
	v	50	40	3.4	3.4	4.6	4.6	10.820	11	SLU	0	41322	0	-447095
491	o	100	40	5.7	5.7	4.6	4.6	33.354	11	SLU	0	22599	0	-753765
	v	50	40	3.4	3.4	4.6	4.6	18.489	11	SLU	0	24182	0	-447095
492	o	100	40	5.7	5.7	4.6	4.6	34.582	11	SLU	0	21796	0	-753765
	v	50	40	3.4	3.4	4.6	4.6	19.151	11	SLU	0	23345	0	-447095
493	o	100	40	5.7	5.7	4.6	4.6	15.168	12	SLU	0	49695	0	-753765
	v	50	40	3.4	3.4	4.6	4.6	11.036	11	SLU	0	40512	0	-447095
494	o	100	40	5.7	5.7	4.6	4.6	17.438	12	SLU	0	43225	0	-753765
	v	50	40	3.4	3.4	4.6	4.6	7.710	11	SLU	0	57992	0	-447095

495	o	100	40	5.7	5.7	4.6	4.6	9.064	12	SLU	0	-83162	0	753765
	v	50	40	3.4	3.4	4.6	4.6	5.911	11	SLU	0	75641	0	-447095
496	o	100	40	5.7	5.7	4.6	4.6	4.912	12	SLU	0	-153452	0	753765
	v	50	40	3.4	3.4	4.6	4.6	4.803	11	SLU	0	93095	0	-447095
497	o	100	40	5.7	5.7	4.6	4.6	3.963	11	SLU	0	-190191	0	753765
	v	50	40	3.4	3.4	4.6	4.6	4.084	11	SLU	0	109470	0	-447095
498	o	100	40	5.7	5.7	4.6	4.6	3.376	11	SLU	0	-223299	0	753765
	v	50	40	3.4	3.4	4.6	4.6	4.774	2	SLV	0	93644	0	-447095
499	o	100	40	5.7	5.7	4.6	4.6	2.992	11	SLU	0	-251959	0	753765
	v	50	40	3.4	3.4	4.6	4.6	3.519	6	SLV	0	-127050	0	447095
500	o	100	40	5.7	5.7	4.6	4.6	2.774	11	SLU	0	-271701	0	753765
	v	50	40	3.4	3.4	4.6	4.6	2.973	11	SLU	0	-150409	0	447095
501	o	100	40	5.7	5.7	4.6	4.6	2.738	11	SLU	0	-275305	0	753765
	v	50	40	3.4	3.4	4.6	4.6	2.597	11	SLU	0	-172130	0	447095
502	o	100	40	5.7	5.7	4.6	4.6	2.970	11	SLU	0	-253778	0	753765
	v	50	40	3.4	3.4	4.6	4.6	2.258	11	SLU	0	-198047	0	447095
503	o	100	40	5.7	5.7	4.6	4.6	5.044	11	SLU	0	-149429	0	753765
	v	50	40	3.4	3.4	4.6	4.6	2.038	11	SLU	0	-219358	0	447095
504	o	100	40	5.7	5.7	4.6	4.6	12.005	11	SLU	0	62787	0	-753765
	v	50	40	3.4	3.4	4.6	4.6	2.133	11	SLU	0	-209602	0	447095
505	o	60	40	3.4	3.4	4.6	4.6	6.877	11	SLU	0	65766	0	-452259
	v	50	40	3.4	3.4	4.6	4.6	8.308	11	SLU	0	53816	0	-447095

Combinazione rara

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	st	Sm(mm)	c
2	o	60	40	3.4	3.4	4.6	4.6	-6.7	2	0.00E00	4.83E04	431.2	2	0.00E00	4.83E04	0.00	2.9	0.0	1
	v	50	40	3.4	3.4	4.6	4.6	-6.1	2	0.00E00	3.94E04	354.5	2	0.00E00	3.94E04	0.00	2.8	0.0	1
3	o	100	40	5.7	5.7	4.6	4.6	-3.8	2	0.00E00	4.53E04	242.6	2	0.00E00	4.53E04	0.00	1.6	0.0	2
	v	50	40	3.4	3.4	4.6	4.6	-24.9	2	0.00E00	-1.62E05	1458.8	2	0.00E00	-1.62E05	0.00	11.7	0.0	2
4	o	100	40	5.3	5.3	4.6	4.6	-10.0	2	0.00E00	-1.17E05	661.7	2	0.00E00	-1.17E05	0.00	4.2	0.0	2
	v	50	40	3.4	3.4	4.6	4.6	-25.6	2	0.00E00	-1.67E05	1497.2	2	0.00E00	-1.67E05	0.00	12.0	0.0	2
5	o	100	40	5.7	5.7	4.6	4.6	-16.4	2	0.00E00	-1.96E05	1052.6	2	0.00E00	-1.96E05	0.00	7.1	0.0	2
	v	50	40	3.4	3.4	4.6	4.6	-22.9	2	0.00E00	-1.49E05	1341.7	2	0.00E00	-1.49E05	0.00	10.8	0.0	2
6	o	100	40	5.7	5.7	4.6	4.6	-17.7	2	0.00E00	-2.11E05	1132.3	2	0.00E00	-2.11E05	0.00	7.7	0.0	2
	v	50	40	3.4	3.4	4.6	4.6	-19.9	2	0.00E00	-1.30E05	1165.6	2	0.00E00	-1.30E05	0.00	9.3	0.0	2
7	o	100	40	5.7	5.7	4.6	4.6	-17.3	2	0.00E00	-2.07E05	1109.4	2	0.00E00	-2.07E05	0.00	7.5	0.0	2
	v	50	40	3.4	3.4	4.6	4.6	-17.5	2	0.00E00	-1.14E05	1024.3	2	0.00E00	-1.14E05	0.00	8.2	0.0	2
8	o	100	40	5.7	5.7	4.6	4.6	-16.0	2	0.00E00	-1.91E05	1023.5	2	0.00E00	-1.91E05	0.00	6.9	0.0	2
	v	50	40	3.4	3.4	4.6	4.6	-4.3	2	0.00E00	2.81E04	252.1	2	0.00E00	2.81E04	0.00	2.0	0.0	2
9	o	100	40	5.7	5.7	4.6	4.6	-14.1	2	0.00E00	-1.69E05	904.1	2	0.00E00	-1.69E05	0.00	6.1	0.0	2
	v	50	40	3.4	3.4	4.6	4.6	-4.2	2	0.00E00	2.76E04	247.6	2	0.00E00	2.76E04	0.00	2.0	0.0	2
10	o	100	40	5.7	5.7	4.6	4.6	-12.0	2	0.00E00	-1.43E05	768.9	2	0.00E00	-1.43E05	0.00	5.2	0.0	2
	v	50	40	3.4	3.4	4.6	4.6	-3.9	2	0.00E00	2.53E04	227.5	2	0.00E00	2.53E04	0.00	1.8	0.0	2
11	o	100	40	5.7	5.7	4.6	4.6	-9.8	2	0.00E00	-1.17E05	627.4	2	0.00E00	-1.17E05	0.00	4.2	0.0	2
	v	50	40	3.4	3.4	4.6	4.6	-10.5	2	0.00E00	6.85E04	616.1	2	0.00E00	6.85E04	0.00	4.9	0.0	1
12	o	100	40	5.7	5.7	4.6	4.6	-5.3	2	0.00E00	-6.35E04	340.3	2	0.00E00	-6.35E04	0.00	2.3	0.0	2
	v	50	40	3.4	3.4	4.6	4.6	-8.5	2	0.00E00	5.54E04	497.5	2	0.00E00	5.54E04	0.00	4.0	0.0	1
13	o	100	40	5.7	5.7	4.6	4.6	-2.9	3	0.00E00	3.43E04	184.0	3	0.00E00	3.43E04	0.00	1.2	0.0	1
	v	50	40	3.4	3.4	4.6	4.6	-6.5	2	0.00E00	4.21E04	378.6	2	0.00E00	4.21E04	0.00	3.0	0.0	1
14	o	100	40	5.7	5.7	4.6	4.6	-3.2	2	0.00E00	3.87E04	207.5	2	0.00E00	3.87E04	0.00	1.4	0.0	1
	v	50	40	3.4	3.4	4.6	4.6	-4.5	2	0.00E00	2.91E04	261.4	2	0.00E00	2.91E04	0.00	2.1	0.0	1
15	o	100	40	5.7	5.7	4.6	4.6	-1.4	2	0.00E00	1.69E04	90.4	2	0.00E00	1.69E04	0.00	0.6	0.0	1
	v	50	40	3.4	3.4	4.6	4.6	-2.5	2	0.00E00	1.63E04	146.5	2	0.00E00	1.63E04	0.00	1.2	0.0	1
16	o	100	40	5.7	5.7	4.6	4.6	-1.4	2	0.00E00	1.62E04	87.0	2	0.00E00	1.62E04	0.00	0.6	0.0	1
	v	50	40	3.4	3.4	4.6	4.6	-2.4	2	0.00E00	1.56E04	140.5	2	0.00E00	1.56E04	0.00	1.1	0.0	1
17	o	100	40	5.7	5.7	4.6	4.6	-3.1	2	0.00E00	3.74E04	200.7	2	0.00E00	3.74E04	0.00	1.4	0.0	1

	v	50	40	3.4	3.4	4.6	4.6	-4.4	2	0.00E00	2.84E04	255.6	2	0.00E00	2.84E04	0.00	2.0
0.0	1																
18	o	100	40	5.7	5.7	4.6	4.6	-2.7	2	0.00E00	3.26E04	174.7	2	0.00E00	3.26E04	0.00	1.2
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-6.4	2	0.00E00	4.15E04	373.2	2	0.00E00	4.15E04	0.00	3.0
0.0	1																
19	o	100	40	5.7	5.7	4.6	4.6	-5.3	2	0.00E00	-6.29E04	337.1	2	0.00E00	-6.29E04	0.00	2.3
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-8.4	2	0.00E00	5.48E04	492.6	2	0.00E00	5.48E04	0.00	4.0
0.0	1																
20	o	100	40	5.7	5.7	4.6	4.6	-9.7	2	0.00E00	-1.16E05	623.0	2	0.00E00	-1.16E05	0.00	4.2
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-10.4	2	0.00E00	6.81E04	611.9	2	0.00E00	6.81E04	0.00	4.9
0.0	1																
21	o	100	40	5.7	5.7	4.6	4.6	-11.9	2	0.00E00	-1.43E05	765.7	2	0.00E00	-1.43E05	0.00	5.2
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-3.9	2	0.00E00	2.52E04	226.5	2	0.00E00	2.52E04	0.00	1.8
0.0	2																
22	o	100	40	5.7	5.7	4.6	4.6	-14.1	2	0.00E00	-1.68E05	902.2	2	0.00E00	-1.68E05	0.00	6.1
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-4.2	2	0.00E00	2.74E04	246.6	2	0.00E00	2.74E04	0.00	2.0
0.0	2																
23	o	100	40	5.7	5.7	4.6	4.6	-16.0	2	0.00E00	-1.91E05	1022.9	2	0.00E00	-1.91E05	0.00	6.9
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-4.3	2	0.00E00	2.79E04	251.0	2	0.00E00	2.79E04	0.00	2.0
0.0	2																
24	o	100	40	5.7	5.7	4.6	4.6	-17.3	2	0.00E00	-2.07E05	1109.9	2	0.00E00	-2.07E05	0.00	7.5
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-17.6	2	0.00E00	-1.14E05	1028.5	2	0.00E00	-1.14E05	0.00	8.2
0.0	2																
25	o	100	40	5.7	5.7	4.6	4.6	-17.7	2	0.00E00	-2.11E05	1133.2	2	0.00E00	-2.11E05	0.00	7.7
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-20.0	2	0.00E00	-1.30E05	1171.3	2	0.00E00	-1.30E05	0.00	9.4
0.0	2																
26	o	100	40	5.7	5.7	4.6	4.6	-16.4	2	0.00E00	-1.96E05	1052.7	2	0.00E00	-1.96E05	0.00	7.1
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-23.0	2	0.00E00	-1.50E05	1348.3	2	0.00E00	-1.50E05	0.00	10.8
0.0	2																
27	o	100	40	5.7	5.7	4.6	4.6	-9.7	2	0.00E00	-1.16E05	623.4	2	0.00E00	-1.16E05	0.00	4.2
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-25.6	2	0.00E00	-1.67E05	1500.7	2	0.00E00	-1.67E05	0.00	12.0
0.0	2																
28	o	100	40	5.7	5.7	4.6	4.6	-3.9	2	0.00E00	4.61E04	247.4	2	0.00E00	4.61E04	0.00	1.7
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-24.7	2	0.00E00	-1.61E05	1449.9	2	0.00E00	-1.61E05	0.00	11.6
0.0	2																
29	o	60	40	3.4	3.4	4.6	4.6	-6.7	2	0.00E00	4.83E04	431.7	2	0.00E00	4.83E04	0.00	2.9
0.0	1																
	v	50	40	3.4	3.4	4.6	4.6	-6.1	2	0.00E00	3.95E04	355.2	2	0.00E00	3.95E04	0.00	2.8
0.0	1																
30	o	50	40	3.4	3.4	4.6	4.6	-24.8	2	0.00E00	-1.62E05	1455.2	2	0.00E00	-1.62E05	0.00	11.7
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-3.8	2	0.00E00	4.55E04	243.8	2	0.00E00	4.55E04	0.00	1.6
0.0	2																
31	o	100	40	5.7	5.7	4.6	4.6	-26.9	2	0.00E00	-3.21E05	1722.5	2	0.00E00	-3.21E05	0.00	11.7
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-26.3	2	0.00E00	-3.14E05	1683.9	2	0.00E00	-3.14E05	0.00	11.4
0.0	2																
32	o	100	40	5.3	5.3	4.6	4.6	-25.6	2	0.00E00	-2.98E05	1690.7	2	0.00E00	-2.98E05	0.00	10.8
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-28.0	2	0.00E00	-3.34E05	1792.3	2	0.00E00	-3.34E05	0.00	12.1
0.0	2																
33	o	100	40	5.7	5.7	4.6	4.6	-13.9	2	0.00E00	-1.66E05	891.9	2	0.00E00	-1.66E05	0.00	6.0
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-25.8	2	0.00E00	-3.09E05	1654.8	2	0.00E00	-3.09E05	0.00	11.2
0.0	2																
34	o	100	40	5.7	5.7	4.6	4.6	-14.8	2	0.00E00	1.77E05	950.4	2	0.00E00	1.77E05	0.00	6.4
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-23.2	2	0.00E00	-2.78E05	1487.6	2	0.00E00	-2.78E05	0.00	10.1
0.0	2																
35	o	100	40	5.7	5.7	4.6	4.6	-23.7	2	0.00E00	2.83E05	1515.7	2	0.00E00	2.83E05	0.00	10.3
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-20.7	2	0.00E00	-2.48E05	1328.1	2	0.00E00	-2.48E05	0.00	9.0
0.0	2																
36	o	100	40	5.7	5.7	4.6	4.6	-23.1	2	0.00E00	2.77E05	1482.4	2	0.00E00	2.77E05	0.00	10.0
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-12.3	2	0.00E00	-1.47E05	785.8	2	0.00E00	-1.47E05	0.00	5.3
0.0	2																
37	o	100	40	5.7	5.7	4.6	4.6	-21.6	2	0.00E00	2.58E05	1384.3	2	0.00E00	2.58E05	0.00	9.4
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-10.6	2	0.00E00	-1.26E05	676.7	2	0.00E00	-1.26E05	0.00	4.6
0.0	2																
38	o	100	40	5.7	5.7	4.6	4.6	-19.6	2	0.00E00	2.34E05	1254.4	2	0.00E00	2.34E05	0.00	8.5
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-8.9	2	0.00E00	-1.07E05	573.4	2	0.00E00	-1.07E05	0.00	3.9
0.0	2																
39	o	100	40	5.7	5.7	4.6	4.6	-17.3	2	0.00E00	2.07E05	1111.7	2	0.00E00	2.07E05	0.00	7.5
0.0	1																

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        v 100  40   5.7   5.7  4.6  4.6   -7.1  1  0.00E00 -8.50E04   455.7  1  0.00E00 -8.50E04   0.00  3.1
0.0  1
   40   o 100  40   5.7   5.7  4.6  4.6  -15.1  2  0.00E00  1.80E05   964.8  2  0.00E00  1.80E05   0.00  6.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -5.7  1  0.00E00 -6.84E04   366.4  1  0.00E00 -6.84E04   0.00  2.5
0.0  1
   41   o 100  40   5.7   5.7  4.6  4.6  -12.8  2  0.00E00  1.53E05   818.5  2  0.00E00  1.53E05   0.00  5.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -4.4  1  0.00E00 -5.24E04   280.8  1  0.00E00 -5.24E04   0.00  1.9
0.0  1
   42   o 100  40   5.7   5.7  4.6  4.6  -10.5  2  0.00E00  1.26E05   675.8  2  0.00E00  1.26E05   0.00  4.6
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -3.1  1  0.00E00 -3.70E04   198.2  1  0.00E00 -3.70E04   0.00  1.3
0.0  1
   43   o 100  40   5.7   5.7  4.6  4.6   -8.7  2  0.00E00  1.04E05   556.5  2  0.00E00  1.04E05   0.00  3.8
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -1.8  1  0.00E00 -2.20E04   118.1  1  0.00E00 -2.20E04   0.00  0.8
0.0  1
   44   o 100  40   5.7   5.7  4.6  4.6   -8.6  2  0.00E00  1.03E05   553.2  2  0.00E00  1.03E05   0.00  3.7
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -1.8  1  0.00E00 -2.12E04   113.6  1  0.00E00 -2.12E04   0.00  0.8
0.0  1
   45   o 100  40   5.7   5.7  4.6  4.6  -10.5  2  0.00E00  1.25E05   669.9  2  0.00E00  1.25E05   0.00  4.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -3.0  1  0.00E00 -3.62E04   194.0  1  0.00E00 -3.62E04   0.00  1.3
0.0  1
   46   o 100  40   5.7   5.7  4.6  4.6  -12.7  2  0.00E00  1.52E05   813.9  2  0.00E00  1.52E05   0.00  5.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -4.3  1  0.00E00 -5.17E04   277.2  1  0.00E00 -5.17E04   0.00  1.9
0.0  1
   47   o 100  40   5.7   5.7  4.6  4.6  -15.0  2  0.00E00  1.79E05   961.6  2  0.00E00  1.79E05   0.00  6.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -5.7  1  0.00E00 -6.78E04   363.7  1  0.00E00 -6.78E04   0.00  2.5
0.0  1
   48   o 100  40   5.7   5.7  4.6  4.6  -17.3  2  0.00E00  2.07E05  1110.2  2  0.00E00  2.07E05   0.00  7.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -7.1  1  0.00E00 -8.47E04   454.0  1  0.00E00 -8.47E04   0.00  3.1
0.0  1
   49   o 100  40   5.7   5.7  4.6  4.6  -19.6  2  0.00E00  2.34E05  1254.6  2  0.00E00  2.34E05   0.00  8.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -8.9  2  0.00E00 -1.07E05   573.0  2  0.00E00 -1.07E05   0.00  3.9
0.0  2
   50   o 100  40   5.7   5.7  4.6  4.6  -21.6  2  0.00E00  2.59E05  1386.6  2  0.00E00  2.59E05   0.00  9.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -10.6  2  0.00E00 -1.26E05   677.9  2  0.00E00 -1.26E05   0.00  4.6
0.0  2
   51   o 100  40   5.7   5.7  4.6  4.6  -23.2  2  0.00E00  2.77E05  1486.4  2  0.00E00  2.77E05   0.00 10.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -12.3  2  0.00E00 -1.47E05   789.1  2  0.00E00 -1.47E05   0.00  5.3
0.0  2
   52   o 100  40   5.7   5.7  4.6  4.6  -23.7  2  0.00E00  2.84E05  1520.6  2  0.00E00  2.84E05   0.00 10.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -20.8  2  0.00E00 -2.49E05  1334.8  2  0.00E00 -2.49E05   0.00  9.0
0.0  2
   53   o 100  40   5.7   5.7  4.6  4.6  -14.9  2  0.00E00  1.78E05   953.4  2  0.00E00  1.78E05   0.00  6.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -23.4  2  0.00E00 -2.79E05  1497.0  2  0.00E00 -2.79E05   0.00 10.1
0.0  2
   54   o 100  40   5.7   5.7  4.6  4.6  -14.0  2  0.00E00 -1.68E05   898.8  2  0.00E00 -1.68E05   0.00  6.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -26.0  2  0.00E00 -3.11E05  1664.7  2  0.00E00 -3.11E05   0.00 11.3
0.0  2
   55   o 100  40   5.7   5.7  4.6  4.6  -25.2  2  0.00E00 -3.01E05  1613.8  2  0.00E00 -3.01E05   0.00 10.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -28.1  2  0.00E00 -3.36E05  1799.7  2  0.00E00 -3.36E05   0.00 12.2
0.0  2
   56   o 100  40   5.7   5.7  4.6  4.6  -27.4  2  0.00E00 -3.28E05  1757.4  2  0.00E00 -3.28E05   0.00 11.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -26.2  2  0.00E00 -3.14E05  1681.9  2  0.00E00 -3.14E05   0.00 11.4
0.0  2
   57   o  50  40   3.4   3.4  4.6  4.6  -25.4  2  0.00E00 -1.66E05  1490.7  2  0.00E00 -1.66E05   0.00 12.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -3.9  2  0.00E00  4.62E04   247.6  2  0.00E00  4.62E04   0.00  1.7
0.0  2
   58   o  50  40   3.4   3.4  4.6  4.6  -24.9  2  0.00E00 -1.63E05  1460.9  2  0.00E00 -1.63E05   0.00 11.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -2.6  2  0.00E00 -3.05E04   163.7  2  0.00E00 -3.05E04   0.00  1.1
0.0  2
   59   o 100  40   5.7   5.7  4.6  4.6  -28.1  2  0.00E00 -3.35E05  1798.1  2  0.00E00 -3.35E05   0.00 12.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -15.9  2  0.00E00 -1.91E05  1022.1  2  0.00E00 -1.91E05   0.00  6.9
0.0  2
   60   o 100  40   5.3   5.3  4.6  4.6  -30.7  2  0.00E00 -3.57E05  2027.8  2  0.00E00 -3.57E05   0.00 13.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -27.9  2  0.00E00 -3.34E05  1788.1  2  0.00E00 -3.34E05   0.00 12.1
0.0  2
   61   o 100  40   5.7   5.7  4.6  4.6  -29.9  2  0.00E00 -3.57E05  1914.9  2  0.00E00 -3.57E05   0.00 13.0
0.0  2
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	v	100	40	5.7	5.7	4.6	4.6	-27.7	2	0.00E00	-3.31E05	1772.7	2	0.00E00	-3.31E05	0.00	12.0
0.0	2																
62	o	100	40	5.7	5.7	4.6	4.6	-27.9	2	0.00E00	-3.34E05	1790.8	2	0.00E00	-3.34E05	0.00	12.1
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-26.2	2	0.00E00	-3.14E05	1681.4	2	0.00E00	-3.14E05	0.00	11.4
0.0	2																
63	o	100	40	5.7	5.7	4.6	4.6	-25.5	2	0.00E00	-3.05E05	1634.6	2	0.00E00	-3.05E05	0.00	11.1
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-24.0	2	0.00E00	-2.87E05	1536.7	2	0.00E00	-2.87E05	0.00	10.4
0.0	2																
64	o	100	40	5.7	5.7	4.6	4.6	-23.1	2	0.00E00	-2.76E05	1478.1	2	0.00E00	-2.76E05	0.00	10.0
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-21.4	2	0.00E00	-2.56E05	1374.0	2	0.00E00	-2.56E05	0.00	9.3
0.0	2																
65	o	100	40	5.7	5.7	4.6	4.6	-20.9	2	0.00E00	-2.49E05	1336.3	2	0.00E00	-2.49E05	0.00	9.0
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-18.9	2	0.00E00	-2.26E05	1209.0	2	0.00E00	-2.26E05	0.00	8.2
0.0	2																
66	o	100	40	5.7	5.7	4.6	4.6	-18.8	2	0.00E00	-2.24E05	1202.5	2	0.00E00	-2.24E05	0.00	8.1
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-16.3	2	0.00E00	-1.95E05	1047.1	2	0.00E00	-1.95E05	0.00	7.1
0.0	2																
67	o	100	40	5.7	5.7	4.6	4.6	-16.8	2	0.00E00	-2.01E05	1075.2	2	0.00E00	-2.01E05	0.00	7.3
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-13.3	1	0.00E00	-1.59E05	851.8	1	0.00E00	-1.59E05	0.00	5.8
0.0	1																
68	o	100	40	5.7	5.7	4.6	4.6	-14.9	2	0.00E00	-1.78E05	952.3	2	0.00E00	-1.78E05	0.00	6.4
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-11.1	1	0.00E00	-1.32E05	710.1	1	0.00E00	-1.32E05	0.00	4.8
0.0	1																
69	o	100	40	5.7	5.7	4.6	4.6	-13.0	2	0.00E00	-1.55E05	831.1	2	0.00E00	-1.55E05	0.00	5.6
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-9.0	1	0.00E00	-1.07E05	575.0	1	0.00E00	-1.07E05	0.00	3.9
0.0	1																
70	o	100	40	5.7	5.7	4.6	4.6	-11.1	2	0.00E00	-1.32E05	709.1	2	0.00E00	-1.32E05	0.00	4.8
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-7.0	1	0.00E00	-8.31E04	445.7	1	0.00E00	-8.31E04	0.00	3.0
0.0	1																
71	o	100	40	5.7	5.7	4.6	4.6	-9.4	2	0.00E00	-1.12E05	601.8	2	0.00E00	-1.12E05	0.00	4.1
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-5.0	1	0.00E00	-5.99E04	320.9	1	0.00E00	-5.99E04	0.00	2.2
0.0	1																
72	o	100	40	5.7	5.7	4.6	4.6	-9.3	2	0.00E00	-1.12E05	598.0	2	0.00E00	-1.12E05	0.00	4.0
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-4.9	1	0.00E00	-5.85E04	313.9	1	0.00E00	-5.85E04	0.00	2.1
0.0	1																
73	o	100	40	5.7	5.7	4.6	4.6	-11.0	2	0.00E00	-1.31E05	701.8	2	0.00E00	-1.31E05	0.00	4.7
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-6.9	1	0.00E00	-8.20E04	439.5	1	0.00E00	-8.20E04	0.00	3.0
0.0	1																
74	o	100	40	5.7	5.7	4.6	4.6	-12.9	2	0.00E00	-1.54E05	824.4	2	0.00E00	-1.54E05	0.00	5.6
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-8.9	1	0.00E00	-1.06E05	569.9	1	0.00E00	-1.06E05	0.00	3.9
0.0	1																
75	o	100	40	5.7	5.7	4.6	4.6	-14.8	2	0.00E00	-1.77E05	946.4	2	0.00E00	-1.77E05	0.00	6.4
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-11.0	1	0.00E00	-1.32E05	706.6	1	0.00E00	-1.32E05	0.00	4.8
0.0	1																
76	o	100	40	5.7	5.7	4.6	4.6	-16.7	2	0.00E00	-2.00E05	1070.5	2	0.00E00	-2.00E05	0.00	7.2
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-13.3	1	0.00E00	-1.59E05	850.1	1	0.00E00	-1.59E05	0.00	5.8
0.0	1																
77	o	100	40	5.7	5.7	4.6	4.6	-18.7	2	0.00E00	-2.24E05	1199.3	2	0.00E00	-2.24E05	0.00	8.1
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-16.3	2	0.00E00	-1.95E05	1047.5	2	0.00E00	-1.95E05	0.00	7.1
0.0	2																
78	o	100	40	5.7	5.7	4.6	4.6	-20.8	2	0.00E00	-2.49E05	1335.1	2	0.00E00	-2.49E05	0.00	9.0
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-18.9	2	0.00E00	-2.26E05	1212.2	2	0.00E00	-2.26E05	0.00	8.2
0.0	2																
79	o	100	40	5.7	5.7	4.6	4.6	-23.1	2	0.00E00	-2.76E05	1479.3	2	0.00E00	-2.76E05	0.00	10.0
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-21.5	2	0.00E00	-2.57E05	1380.4	2	0.00E00	-2.57E05	0.00	9.3
0.0	2																
80	o	100	40	5.7	5.7	4.6	4.6	-25.6	2	0.00E00	-3.06E05	1639.0	2	0.00E00	-3.06E05	0.00	11.1
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-24.1	2	0.00E00	-2.89E05	1546.6	2	0.00E00	-2.89E05	0.00	10.5
0.0	2																
81	o	100	40	5.7	5.7	4.6	4.6	-28.1	2	0.00E00	-3.36E05	1799.3	2	0.00E00	-3.36E05	0.00	12.2
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-26.4	2	0.00E00	-3.16E05	1694.9	2	0.00E00	-3.16E05	0.00	11.5
0.0	2																
82	o	100	40	5.7	5.7	4.6	4.6	-30.1	2	0.00E00	-3.60E05	1928.9	2	0.00E00	-3.60E05	0.00	13.1
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-27.9	2	0.00E00	-3.33E05	1787.4	2	0.00E00	-3.33E05	0.00	12.1
0.0	2																
83	o	100	40	5.7	5.7	4.6	4.6	-30.2	2	0.00E00	-3.61E05	1935.6	2	0.00E00	-3.61E05	0.00	13.1
0.0	2																

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        v 100  40   5.7   5.7  4.6  4.6  -28.1  2  0.00E00 -3.36E05  1802.9  2  0.00E00 -3.36E05   0.00 12.2
0.0  2
   84   o 100  40   5.7   5.7  4.6  4.6  -28.6  2  0.00E00 -3.42E05  1832.7  2  0.00E00 -3.42E05   0.00 12.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.0  2  0.00E00 -1.91E05  1025.9  2  0.00E00 -1.91E05   0.00  6.9
0.0  2
   85   o  50  40   3.4   3.4  4.6  4.6  -25.4  2  0.00E00 -1.66E05  1488.4  2  0.00E00 -1.66E05   0.00 11.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -2.6  2  0.00E00 -3.13E04   167.6  2  0.00E00 -3.13E04   0.00  1.1
0.0  2
   86   o  50  40   3.4   3.4  4.6  4.6  -21.5  2  0.00E00 -1.40E05  1261.7  2  0.00E00 -1.40E05   0.00 10.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -3.0  2  0.00E00  3.54E04   189.8  2  0.00E00  3.54E04   0.00  1.3
0.0  2
   87   o 100  40   5.7   5.7  4.6  4.6  -26.0  2  0.00E00 -3.10E05  1664.1  2  0.00E00 -3.10E05   0.00 11.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -13.1  2  0.00E00  1.57E05   839.0  2  0.00E00  1.57E05   0.00  5.7
0.0  2
   88   o 100  40   5.3   5.3  4.6  4.6  -30.8  2  0.00E00 -3.58E05  2033.7  2  0.00E00 -3.58E05   0.00 13.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -25.8  2  0.00E00 -3.09E05  1656.4  2  0.00E00 -3.09E05   0.00 11.2
0.0  2
   89   o 100  40   5.7   5.7  4.6  4.6  -32.7  2  0.00E00 -3.91E05  2094.2  2  0.00E00 -3.91E05   0.00 14.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -28.4  2  0.00E00 -3.39E05  1816.9  2  0.00E00 -3.39E05   0.00 12.3
0.0  2
   90   o 100  40   5.7   5.7  4.6  4.6  -33.6  2  0.00E00 -4.01E05  2150.9  2  0.00E00 -4.01E05   0.00 14.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -28.4  2  0.00E00 -3.39E05  1817.1  2  0.00E00 -3.39E05   0.00 12.3
0.0  2
   91   o 100  40   5.7   5.7  4.6  4.6  -33.1  2  0.00E00 -3.95E05  2119.3  2  0.00E00 -3.95E05   0.00 14.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -26.7  2  0.00E00 -3.20E05  1713.0  2  0.00E00 -3.20E05   0.00 11.6
0.0  2
   92   o 100  40   5.7   5.7  4.6  4.6  -32.0  2  0.00E00 -3.82E05  2048.8  2  0.00E00 -3.82E05   0.00 13.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -24.5  2  0.00E00 -2.92E05  1567.2  2  0.00E00 -2.92E05   0.00 10.6
0.0  2
   93   o 100  40   5.7   5.7  4.6  4.6  -30.6  2  0.00E00 -3.66E05  1961.7  2  0.00E00 -3.66E05   0.00 13.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -21.9  2  0.00E00 -2.62E05  1406.4  2  0.00E00 -2.62E05   0.00  9.5
0.0  2
   94   o 100  40   5.7   5.7  4.6  4.6  -29.2  2  0.00E00 -3.49E05  1868.9  2  0.00E00 -3.49E05   0.00 12.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.4  2  0.00E00 -2.32E05  1244.2  2  0.00E00 -2.32E05   0.00  8.4
0.0  2
   95   o 100  40   5.7   5.7  4.6  4.6  -27.7  2  0.00E00 -3.31E05  1773.8  2  0.00E00 -3.31E05   0.00 12.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.9  2  0.00E00 -2.03E05  1085.9  2  0.00E00 -2.03E05   0.00  7.3
0.0  2
   96   o 100  40   5.7   5.7  4.6  4.6  -26.2  2  0.00E00 -3.13E05  1676.9  2  0.00E00 -3.13E05   0.00 11.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -14.6  2  0.00E00 -1.75E05   936.6  2  0.00E00 -1.75E05   0.00  6.3
0.0  2
   97   o 100  40   5.7   5.7  4.6  4.6  -24.6  2  0.00E00 -2.94E05  1576.7  2  0.00E00 -2.94E05   0.00 10.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -12.4  2  0.00E00 -1.49E05   796.2  2  0.00E00 -1.49E05   0.00  5.4
0.0  2
   98   o 100  40   5.7   5.7  4.6  4.6  -23.0  2  0.00E00 -2.74E05  1471.1  2  0.00E00 -2.74E05   0.00 10.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -10.4  2  0.00E00 -1.24E05   664.3  2  0.00E00 -1.24E05   0.00  4.5
0.0  2
   99   o 100  40   5.7   5.7  4.6  4.6  -21.5  2  0.00E00 -2.56E05  1375.0  2  0.00E00 -2.56E05   0.00  9.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -8.4  2  0.00E00 -1.01E05   539.6  2  0.00E00 -1.01E05   0.00  3.7
0.0  2
  100   o 100  40   5.7   5.7  4.6  4.6  -21.4  2  0.00E00 -2.56E05  1371.7  2  0.00E00 -2.56E05   0.00  9.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -8.3  2  0.00E00 -9.94E04   532.7  2  0.00E00 -9.94E04   0.00  3.6
0.0  2
  101   o 100  40   5.7   5.7  4.6  4.6  -22.9  2  0.00E00 -2.73E05  1465.0  2  0.00E00 -2.73E05   0.00  9.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -10.3  2  0.00E00 -1.23E05   658.7  2  0.00E00 -1.23E05   0.00  4.5
0.0  2
  102   o 100  40   5.7   5.7  4.6  4.6  -24.5  2  0.00E00 -2.93E05  1571.7  2  0.00E00 -2.93E05   0.00 10.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -12.4  2  0.00E00 -1.48E05   792.1  2  0.00E00 -1.48E05   0.00  5.4
0.0  2
  103   o 100  40   5.7   5.7  4.6  4.6  -26.1  2  0.00E00 -3.12E05  1673.4  2  0.00E00 -3.12E05   0.00 11.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -14.6  2  0.00E00 -1.74E05   934.4  2  0.00E00 -1.74E05   0.00  6.3
0.0  2
  104   o 100  40   5.7   5.7  4.6  4.6  -27.7  2  0.00E00 -3.31E05  1772.1  2  0.00E00 -3.31E05   0.00 12.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.9  2  0.00E00 -2.03E05  1085.9  2  0.00E00 -2.03E05   0.00  7.3
0.0  2
  105   o 100  40   5.7   5.7  4.6  4.6  -29.2  2  0.00E00 -3.49E05  1869.1  2  0.00E00 -3.49E05   0.00 12.6
0.0  2
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        v 100  40   5.7   5.7  4.6  4.6  -19.5  2  0.00E00 -2.33E05  1246.8  2  0.00E00 -2.33E05   0.00  8.4
0.0  2
  106   o 100  40   5.7   5.7  4.6  4.6  -30.6  2  0.00E00 -3.66E05  1964.2  2  0.00E00 -3.66E05   0.00 13.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.0  2  0.00E00 -2.63E05  1412.2  2  0.00E00 -2.63E05   0.00  9.6
0.0  2
  107   o 100  40   5.7   5.7  4.6  4.6  -32.0  2  0.00E00 -3.83E05  2053.9  2  0.00E00 -3.83E05   0.00 13.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -24.6  2  0.00E00 -2.94E05  1576.5  2  0.00E00 -2.94E05   0.00 10.7
0.0  2
  108   o 100  40   5.7   5.7  4.6  4.6  -33.2  2  0.00E00 -3.97E05  2127.1  2  0.00E00 -3.97E05   0.00 14.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -26.9  2  0.00E00 -3.22E05  1726.4  2  0.00E00 -3.22E05   0.00 11.7
0.0  2
  109   o 100  40   5.7   5.7  4.6  4.6  -33.7  2  0.00E00 -4.03E05  2162.0  2  0.00E00 -4.03E05   0.00 14.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -28.6  2  0.00E00 -3.42E05  1834.7  2  0.00E00 -3.42E05   0.00 12.4
0.0  2
  110   o 100  40   5.7   5.7  4.6  4.6  -32.9  2  0.00E00 -3.93E05  2108.7  2  0.00E00 -3.93E05   0.00 14.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -28.7  2  0.00E00 -3.43E05  1838.2  2  0.00E00 -3.43E05   0.00 12.4
0.0  2
  111   o 100  40   5.7   5.7  4.6  4.6  -30.3  2  0.00E00 -3.62E05  1938.7  2  0.00E00 -3.62E05   0.00 13.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -26.2  2  0.00E00 -3.13E05  1678.1  2  0.00E00 -3.13E05   0.00 11.4
0.0  2
  112   o 100  40   5.7   5.7  4.6  4.6  -26.3  2  0.00E00 -3.15E05  1687.7  2  0.00E00 -3.15E05   0.00 11.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -13.2  2  0.00E00  1.58E05   845.5  2  0.00E00  1.58E05   0.00  5.7
0.0  2
  113   o  50  40   3.4   3.4  4.6  4.6  -22.0  2  0.00E00 -1.43E05  1286.3  2  0.00E00 -1.43E05   0.00 10.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -3.1  2  0.00E00  3.65E04   195.9  2  0.00E00  3.65E04   0.00  1.3
0.0  2
  114   o  50  40   3.4   3.4  4.6  4.6  -18.4  2  0.00E00 -1.20E05  1080.5  2  0.00E00 -1.20E05   0.00  8.7
0.0  2
        v 100  40   5.9   5.9  4.6  4.6   -3.0  2  0.00E00 -3.68E04   189.2  2  0.00E00 -3.68E04   0.00  1.3
0.0  2
  115   o 100  40   5.7   5.7  4.6  4.6  -23.0  2  0.00E00 -2.75E05  1473.0  2  0.00E00 -2.75E05   0.00 10.0
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -22.0  2  0.00E00  2.69E05  1383.5  2  0.00E00  2.69E05   0.00  9.7
0.0  1
  116   o 100  40   5.3   5.3  4.6  4.6  -28.7  2  0.00E00 -3.34E05  1896.0  2  0.00E00 -3.34E05   0.00 12.1
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -21.4  2  0.00E00 -2.61E05  1342.1  2  0.00E00 -2.61E05   0.00  9.4
0.0  2
  117   o 100  40   5.7   5.7  4.6  4.6  -32.3  2  0.00E00 -3.86E05  2070.7  2  0.00E00 -3.86E05   0.00 14.0
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -26.2  2  0.00E00 -3.19E05  1643.7  2  0.00E00 -3.19E05   0.00 11.6
0.0  2
  118   o 100  40   5.7   5.7  4.6  4.6  -35.2  2  0.00E00 -4.20E05  2253.1  2  0.00E00 -4.20E05   0.00 15.2
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -27.8  2  0.00E00 -3.39E05  1745.2  2  0.00E00 -3.39E05   0.00 12.3
0.0  2
  119   o 100  40   5.7   5.7  4.6  4.6  -36.5  2  0.00E00 -4.36E05  2337.5  2  0.00E00 -4.36E05   0.00 15.8
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -27.2  2  0.00E00 -3.32E05  1708.2  2  0.00E00 -3.32E05   0.00 12.0
0.0  2
  120   o 100  40   5.7   5.7  4.6  4.6  -36.8  2  0.00E00 -4.40E05  2361.1  2  0.00E00 -4.40E05   0.00 16.0
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -25.5  2  0.00E00 -3.11E05  1603.3  2  0.00E00 -3.11E05   0.00 11.3
0.0  2
  121   o 100  40   5.7   5.7  4.6  4.6  -36.6  2  0.00E00 -4.38E05  2347.4  2  0.00E00 -4.38E05   0.00 15.9
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -23.4  2  0.00E00 -2.85E05  1467.9  2  0.00E00 -2.85E05   0.00 10.3
0.0  2
  122   o 100  40   5.7   5.7  4.6  4.6  -36.1  2  0.00E00 -4.31E05  2311.8  2  0.00E00 -4.31E05   0.00 15.6
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -21.1  2  0.00E00 -2.57E05  1322.8  2  0.00E00 -2.57E05   0.00  9.3
0.0  2
  123   o 100  40   5.7   5.7  4.6  4.6  -35.3  2  0.00E00 -4.22E05  2261.9  2  0.00E00 -4.22E05   0.00 15.3
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -18.8  2  0.00E00 -2.29E05  1178.8  2  0.00E00 -2.29E05   0.00  8.3
0.0  2
  124   o 100  40   5.7   5.7  4.6  4.6  -34.3  2  0.00E00 -4.11E05  2200.9  2  0.00E00 -4.11E05   0.00 14.9
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -16.6  2  0.00E00 -2.02E05  1041.5  2  0.00E00 -2.02E05   0.00  7.3
0.0  2
  125   o 100  40   5.7   5.7  4.6  4.6  -33.2  2  0.00E00 -3.97E05  2129.5  2  0.00E00 -3.97E05   0.00 14.4
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -14.6  2  0.00E00 -1.77E05   913.6  2  0.00E00 -1.77E05   0.00  6.4
0.0  2
  126   o 100  40   5.7   5.7  4.6  4.6  -31.9  2  0.00E00 -3.82E05  2046.6  2  0.00E00 -3.82E05   0.00 13.8
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -12.7  2  0.00E00 -1.55E05   795.3  2  0.00E00 -1.55E05   0.00  5.6
0.0  2
  127   o 100  40   5.7   5.7  4.6  4.6  -30.7  2  0.00E00 -3.67E05  1966.2  2  0.00E00 -3.67E05   0.00 13.3
0.0  2
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        v 100  40   5.9   5.9  4.6  4.6  -10.9  2  0.00E00 -1.33E05   685.9  2  0.00E00 -1.33E05   0.00  4.8
0.0  2
  128   o 100  40   5.7   5.7  4.6  4.6  -30.6  2  0.00E00 -3.66E05  1963.5  2  0.00E00 -3.66E05   0.00 13.3
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -10.8  2  0.00E00 -1.32E05   680.2  2  0.00E00 -1.32E05   0.00  4.8
0.0  2
  129   o 100  40   5.7   5.7  4.6  4.6  -31.9  2  0.00E00 -3.81E05  2041.8  2  0.00E00 -3.81E05   0.00 13.8
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -12.6  2  0.00E00 -1.54E05   791.0  2  0.00E00 -1.54E05   0.00  5.6
0.0  2
  130   o 100  40   5.7   5.7  4.6  4.6  -33.2  2  0.00E00 -3.97E05  2126.3  2  0.00E00 -3.97E05   0.00 14.4
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -14.5  2  0.00E00 -1.77E05   911.0  2  0.00E00 -1.77E05   0.00  6.4
0.0  2
  131   o 100  40   5.7   5.7  4.6  4.6  -34.3  2  0.00E00 -4.10E05  2199.6  2  0.00E00 -4.10E05   0.00 14.9
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -16.6  2  0.00E00 -2.02E05  1041.0  2  0.00E00 -2.02E05   0.00  7.3
0.0  2
  132   o 100  40   5.7   5.7  4.6  4.6  -35.3  2  0.00E00 -4.22E05  2262.6  2  0.00E00 -4.22E05   0.00 15.3
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -18.8  2  0.00E00 -2.29E05  1180.6  2  0.00E00 -2.29E05   0.00  8.3
0.0  2
  133   o 100  40   5.7   5.7  4.6  4.6  -36.1  2  0.00E00 -4.32E05  2314.6  2  0.00E00 -4.32E05   0.00 15.7
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -21.1  2  0.00E00 -2.58E05  1327.4  2  0.00E00 -2.58E05   0.00  9.3
0.0  2
  134   o 100  40   5.7   5.7  4.6  4.6  -36.7  2  0.00E00 -4.39E05  2352.6  2  0.00E00 -4.39E05   0.00 15.9
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -23.5  2  0.00E00 -2.87E05  1475.8  2  0.00E00 -2.87E05   0.00 10.4
0.0  2
  135   o 100  40   5.7   5.7  4.6  4.6  -37.0  2  0.00E00 -4.42E05  2368.6  2  0.00E00 -4.42E05   0.00 16.0
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -25.7  2  0.00E00 -3.14E05  1614.8  2  0.00E00 -3.14E05   0.00 11.4
0.0  2
  136   o 100  40   5.7   5.7  4.6  4.6  -36.6  2  0.00E00 -4.38E05  2347.3  2  0.00E00 -4.38E05   0.00 15.9
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -27.5  2  0.00E00 -3.35E05  1723.6  2  0.00E00 -3.35E05   0.00 12.1
0.0  2
  137   o 100  40   5.7   5.7  4.6  4.6  -35.3  2  0.00E00 -4.23E05  2265.2  2  0.00E00 -4.23E05   0.00 15.3
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -28.1  2  0.00E00 -3.43E05  1764.7  2  0.00E00 -3.43E05   0.00 12.4
0.0  2
  138   o 100  40   5.7   5.7  4.6  4.6  -32.5  2  0.00E00 -3.89E05  2085.0  2  0.00E00 -3.89E05   0.00 14.1
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -26.6  2  0.00E00 -3.24E05  1667.3  2  0.00E00 -3.24E05   0.00 11.7
0.0  2
  139   o 100  40   5.7   5.7  4.6  4.6  -28.2  2  0.00E00 -3.37E05  1806.7  2  0.00E00 -3.37E05   0.00 12.2
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -21.8  2  0.00E00 -2.66E05  1367.0  2  0.00E00 -2.66E05   0.00  9.6
0.0  2
  140   o 100  40   5.7   5.7  4.6  4.6  -23.3  2  0.00E00 -2.78E05  1491.8  2  0.00E00 -2.78E05   0.00 10.1
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -22.1  2  0.00E00  2.70E05  1387.3  2  0.00E00  2.70E05   0.00  9.8
0.0  1
  141   o  50  40   3.4   3.4  4.6  4.6  -18.9  2  0.00E00 -1.23E05  1104.9  2  0.00E00 -1.23E05   0.00  8.9
0.0  2
        v 100  40   5.9   5.9  4.6  4.6   -3.1  2  0.00E00 -3.78E04   194.5  2  0.00E00 -3.78E04   0.00  1.4
0.0  2
  142   o  50  40   3.4   3.4  4.6  4.6  -15.0  2  0.00E00 -9.76E04   877.0  2  0.00E00 -9.76E04   0.00  7.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -2.8  2  0.00E00 -3.39E04   181.5  2  0.00E00 -3.39E04   0.00  1.2
0.0  2
  143   o 100  40   5.7   5.7  4.6  4.6  -19.3  2  0.00E00 -2.31E05  1239.9  2  0.00E00 -2.31E05   0.00  8.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.8  2  0.00E00  2.72E05  1459.6  2  0.00E00  2.72E05   0.00  9.9
0.0  1
  144   o 100  40   5.3   5.3  4.6  4.6  -25.4  2  0.00E00 -2.96E05  1679.4  2  0.00E00 -2.96E05   0.00 10.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.0  2  0.00E00 -2.03E05  1089.5  2  0.00E00 -2.03E05   0.00  7.4
0.0  2
  145   o 100  40   5.7   5.7  4.6  4.6  -30.0  2  0.00E00 -3.59E05  1923.7  2  0.00E00 -3.59E05   0.00 13.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -23.5  2  0.00E00 -2.81E05  1507.8  2  0.00E00 -2.81E05   0.00 10.2
0.0  2
  146   o 100  40   5.7   5.7  4.6  4.6  -34.2  2  0.00E00 -4.08E05  2188.9  2  0.00E00 -4.08E05   0.00 14.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -26.6  2  0.00E00 -3.18E05  1705.0  2  0.00E00 -3.18E05   0.00 11.5
0.0  2
  147   o 100  40   5.7   5.7  4.6  4.6  -36.9  2  0.00E00 -4.42E05  2366.9  2  0.00E00 -4.42E05   0.00 16.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -27.1  2  0.00E00 -3.24E05  1738.6  2  0.00E00 -3.24E05   0.00 11.8
0.0  2
  148   o 100  40   5.7   5.7  4.6  4.6  -38.7  2  0.00E00 -4.62E05  2478.1  2  0.00E00 -4.62E05   0.00 16.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -26.2  2  0.00E00 -3.13E05  1678.7  2  0.00E00 -3.13E05   0.00 11.4
0.0  2
  149   o 100  40   5.7   9.0  4.6  4.6  -32.5  2  0.00E00 -4.74E05  1611.3  2  0.00E00 -4.74E05   0.00 17.0
0.0  2
```

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        v 100  40   5.7   5.7  4.6  4.6  -24.5  2  0.00E00 -2.93E05  1570.3  2  0.00E00 -2.93E05   0.00 10.6
0.0  2
  150   o 100  40   5.7  11.3  4.6  4.6  -30.1  2  0.00E00 -4.79E05  1313.3  2  0.00E00 -4.79E05   0.00 17.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.5  2  0.00E00 -2.69E05  1441.3  2  0.00E00 -2.69E05   0.00  9.8
0.0  2
  151   o 100  40   5.7  11.3  4.6  4.6  -30.1  2  0.00E00 -4.79E05  1314.4  2  0.00E00 -4.79E05   0.00 17.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.4  2  0.00E00 -2.44E05  1307.9  2  0.00E00 -2.44E05   0.00  8.8
0.0  2
  152   o 100  40   5.7  11.3  4.6  4.6  -29.9  2  0.00E00 -4.76E05  1304.9  2  0.00E00 -4.76E05   0.00 17.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.4  2  0.00E00 -2.20E05  1179.2  2  0.00E00 -2.20E05   0.00  8.0
0.0  2
  153   o 100  40   5.7   9.0  4.6  4.6  -32.2  2  0.00E00 -4.69E05  1594.9  2  0.00E00 -4.69E05   0.00 16.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.5  2  0.00E00 -1.98E05  1059.6  2  0.00E00 -1.98E05   0.00  7.2
0.0  2
  154   o 100  40   5.7   5.7  4.6  4.6  -38.4  2  0.00E00 -4.59E05  2459.5  2  0.00E00 -4.59E05   0.00 16.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -14.8  2  0.00E00 -1.77E05   950.9  2  0.00E00 -1.77E05   0.00  6.4
0.0  2
  155   o 100  40   5.7   5.7  4.6  4.6  -37.4  2  0.00E00 -4.48E05  2399.0  2  0.00E00 -4.48E05   0.00 16.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -13.3  2  0.00E00 -1.59E05   852.9  2  0.00E00 -1.59E05   0.00  5.8
0.0  2
  156   o 100  40   5.7   5.7  4.6  4.6  -37.4  2  0.00E00 -4.47E05  2397.0  2  0.00E00 -4.47E05   0.00 16.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -13.2  2  0.00E00 -1.58E05   848.2  2  0.00E00 -1.58E05   0.00  5.7
0.0  2
  157   o 100  40   5.7   5.7  4.6  4.6  -38.3  2  0.00E00 -4.58E05  2456.2  2  0.00E00 -4.58E05   0.00 16.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -14.8  2  0.00E00 -1.77E05   947.9  2  0.00E00 -1.77E05   0.00  6.4
0.0  2
  158   o 100  40   5.7   5.7  4.6  4.6  -39.2  2  0.00E00 -4.69E05  2513.1  2  0.00E00 -4.69E05   0.00 17.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.5  2  0.00E00 -1.97E05  1058.6  2  0.00E00 -1.97E05   0.00  7.2
0.0  2
  159   o 100  40   5.7   5.7  4.6  4.6  -39.8  2  0.00E00 -4.76E05  2552.1  2  0.00E00 -4.76E05   0.00 17.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.4  2  0.00E00 -2.20E05  1180.5  2  0.00E00 -2.20E05   0.00  8.0
0.0  2
  160   o 100  40   5.7   5.7  4.6  4.6  -40.1  2  0.00E00 -4.80E05  2572.7  2  0.00E00 -4.80E05   0.00 17.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.5  2  0.00E00 -2.45E05  1311.9  2  0.00E00 -2.45E05   0.00  8.9
0.0  2
  161   o 100  40   5.7   5.7  4.6  4.6  -40.1  2  0.00E00 -4.80E05  2572.8  2  0.00E00 -4.80E05   0.00 17.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.6  2  0.00E00 -2.70E05  1448.2  2  0.00E00 -2.70E05   0.00  9.8
0.0  2
  162   o 100  40   5.7   5.7  4.6  4.6  -39.7  2  0.00E00 -4.75E05  2547.3  2  0.00E00 -4.75E05   0.00 17.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -24.7  2  0.00E00 -2.95E05  1580.7  2  0.00E00 -2.95E05   0.00 10.7
0.0  2
  163   o 100  40   5.7   5.7  4.6  4.6  -38.8  2  0.00E00 -4.64E05  2487.0  2  0.00E00 -4.64E05   0.00 16.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -26.4  2  0.00E00 -3.16E05  1692.8  2  0.00E00 -3.16E05   0.00 11.5
0.0  2
  164   o 100  40   5.7   5.7  4.6  4.6  -37.1  2  0.00E00 -4.44E05  2377.5  2  0.00E00 -4.44E05   0.00 16.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -27.4  2  0.00E00 -3.28E05  1756.7  2  0.00E00 -3.28E05   0.00 11.9
0.0  2
  165   o 100  40   5.7   5.7  4.6  4.6  -34.3  2  0.00E00 -4.11E05  2201.1  2  0.00E00 -4.11E05   0.00 14.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -27.0  2  0.00E00 -3.22E05  1727.3  2  0.00E00 -3.22E05   0.00 11.7
0.0  2
  166   o 100  40   5.7   5.7  4.6  4.6  -30.2  2  0.00E00 -3.61E05  1937.0  2  0.00E00 -3.61E05   0.00 13.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -23.9  2  0.00E00 -2.86E05  1533.6  2  0.00E00 -2.86E05   0.00 10.4
0.0  2
  167   o 100  40   5.7   5.7  4.6  4.6  -25.0  2  0.00E00 -2.98E05  1599.9  2  0.00E00 -2.98E05   0.00 10.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.4  2  0.00E00 -2.09E05  1118.1  2  0.00E00 -2.09E05   0.00  7.6
0.0  2
  168   o 100  40   5.7   5.7  4.6  4.6  -19.6  2  0.00E00 -2.34E05  1254.6  2  0.00E00 -2.34E05   0.00  8.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.7  2  0.00E00  2.71E05  1453.4  2  0.00E00  2.71E05   0.00  9.8
0.0  1
  169   o  50  40   3.4   3.4  4.6  4.6  -15.3  2  0.00E00 -1.00E05   898.7  2  0.00E00 -1.00E05   0.00  7.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -2.9  2  0.00E00 -3.47E04   185.9  2  0.00E00 -3.47E04   0.00  1.3
0.0  2
  170   o  50  40   3.4   3.4  4.6  4.6   -9.5  2  0.00E00 -6.19E04   556.5  2  0.00E00 -6.19E04   0.00  4.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -2.3  2  0.00E00 -2.75E04   147.5  2  0.00E00 -2.75E04   0.00  1.0
0.0  2
  171   o 100  40   5.7   5.7  4.6  4.6  -13.2  2  0.00E00 -1.57E05   843.9  2  0.00E00 -1.57E05   0.00  5.7
0.0  2
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        v 100  40   5.7   5.7  4.6  4.6  -21.0  2  0.00E00  2.50E05  1342.8  2  0.00E00  2.50E05   0.00  9.1
0.0  1
  172   o 100  40   5.3   5.3  4.6  4.6  -21.5  2  0.00E00 -2.50E05  1421.4  2  0.00E00 -2.50E05   0.00  9.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -12.0  2  0.00E00 -1.44E05   769.4  2  0.00E00 -1.44E05   0.00  5.2
0.0  2
  173   o 100  40   5.7   5.7  4.6  4.6  -26.7  2  0.00E00 -3.19E05  1710.0  2  0.00E00 -3.19E05   0.00 11.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.5  2  0.00E00 -2.33E05  1250.5  2  0.00E00 -2.33E05   0.00  8.5
0.0  2
  174   o 100  40   5.7   5.7  4.6  4.6  -31.6  2  0.00E00 -3.78E05  2025.7  2  0.00E00 -3.78E05   0.00 13.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -23.6  2  0.00E00 -2.82E05  1513.5  2  0.00E00 -2.82E05   0.00 10.2
0.0  2
  175   o 100  40   5.7   5.7  4.6  4.6  -35.4  2  0.00E00 -4.24E05  2271.0  2  0.00E00 -4.24E05   0.00 15.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -25.1  2  0.00E00 -3.00E05  1610.2  2  0.00E00 -3.00E05   0.00 10.9
0.0  2
  176   o 100  40   5.7   5.7  4.6  4.6  -38.3  2  0.00E00 -4.58E05  2454.1  2  0.00E00 -4.58E05   0.00 16.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -25.0  2  0.00E00 -2.99E05  1601.6  2  0.00E00 -2.99E05   0.00 10.8
0.0  2
  177   o 100  40   5.7   9.0  4.6  4.6  -33.1  2  0.00E00 -4.82E05  1639.6  2  0.00E00 -4.82E05   0.00 17.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -23.9  2  0.00E00 -2.86E05  1532.6  2  0.00E00 -2.86E05   0.00 10.4
0.0  2
  178   o 100  40   5.7  11.3  4.6  4.6  -31.3  2  0.00E00 -4.99E05  1367.5  2  0.00E00 -4.99E05   0.00 17.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.4  2  0.00E00 -2.68E05  1434.1  2  0.00E00 -2.68E05   0.00  9.7
0.0  2
  179   o 100  40   5.7  11.3  4.6  4.6  -31.9  2  0.00E00 -5.09E05  1395.6  2  0.00E00 -5.09E05   0.00 18.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.7  2  0.00E00 -2.47E05  1325.5  2  0.00E00 -2.47E05   0.00  9.0
0.0  2
  180   o 100  40   5.7  11.3  4.6  4.6  -32.3  2  0.00E00 -5.14E05  1409.0  2  0.00E00 -5.14E05   0.00 18.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.0  2  0.00E00 -2.27E05  1218.3  2  0.00E00 -2.27E05   0.00  8.2
0.0  2
  181   o 100  40   5.7   9.0  4.6  4.6  -35.3  2  0.00E00 -5.14E05  1748.0  2  0.00E00 -5.14E05   0.00 18.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.5  2  0.00E00 -2.09E05  1118.8  2  0.00E00 -2.09E05   0.00  7.6
0.0  2
  182   o 100  40   5.7   5.7  4.6  4.6  -42.6  2  0.00E00 -5.10E05  2732.2  2  0.00E00 -5.10E05   0.00 18.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.1  2  0.00E00 -1.92E05  1030.1  2  0.00E00 -1.92E05   0.00  7.0
0.0  2
  183   o 100  40   5.7   5.7  4.6  4.6  -42.1  2  0.00E00 -5.03E05  2695.1  2  0.00E00 -5.03E05   0.00 18.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -14.9  2  0.00E00 -1.78E05   952.8  2  0.00E00 -1.78E05   0.00  6.4
0.0  2
  184   o 100  40   5.7   5.7  4.6  4.6  -42.0  2  0.00E00 -5.03E05  2693.8  2  0.00E00 -5.03E05   0.00 18.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -14.8  2  0.00E00 -1.77E05   949.6  2  0.00E00 -1.77E05   0.00  6.4
0.0  2
  185   o 100  40   5.7   5.7  4.6  4.6  -42.6  2  0.00E00 -5.09E05  2730.6  2  0.00E00 -5.09E05   0.00 18.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.1  2  0.00E00 -1.92E05  1028.7  2  0.00E00 -1.92E05   0.00  7.0
0.0  2
  186   o 100  40   5.7   5.7  4.6  4.6  -43.0  2  0.00E00 -5.14E05  2756.2  2  0.00E00 -5.14E05   0.00 18.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.5  2  0.00E00 -2.09E05  1119.5  2  0.00E00 -2.09E05   0.00  7.6
0.0  2
  187   o 100  40   5.7   5.7  4.6  4.6  -43.0  2  0.00E00 -5.14E05  2757.5  2  0.00E00 -5.14E05   0.00 18.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.1  2  0.00E00 -2.28E05  1221.3  2  0.00E00 -2.28E05   0.00  8.3
0.0  2
  188   o 100  40   5.7   5.7  4.6  4.6  -42.6  2  0.00E00 -5.10E05  2733.3  2  0.00E00 -5.10E05   0.00 18.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.8  2  0.00E00 -2.48E05  1331.2  2  0.00E00 -2.48E05   0.00  9.0
0.0  2
  189   o 100  40   5.7   5.7  4.6  4.6  -41.8  2  0.00E00 -5.00E05  2680.2  2  0.00E00 -5.00E05   0.00 18.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.5  2  0.00E00 -2.69E05  1442.8  2  0.00E00 -2.69E05   0.00  9.8
0.0  2
  190   o 100  40   5.7   5.7  4.6  4.6  -40.5  2  0.00E00 -4.84E05  2593.1  2  0.00E00 -4.84E05   0.00 17.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -24.1  2  0.00E00 -2.88E05  1544.6  2  0.00E00 -2.88E05   0.00 10.5
0.0  2
  191   o 100  40   5.7   5.7  4.6  4.6  -38.4  2  0.00E00 -4.60E05  2463.9  2  0.00E00 -4.60E05   0.00 16.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -25.2  2  0.00E00 -3.02E05  1617.1  2  0.00E00 -3.02E05   0.00 10.9
0.0  2
  192   o 100  40   5.7   5.7  4.6  4.6  -35.6  2  0.00E00 -4.26E05  2282.0  2  0.00E00 -4.26E05   0.00 15.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -25.4  2  0.00E00 -3.04E05  1629.6  2  0.00E00 -3.04E05   0.00 11.0
0.0  2
  193   o 100  40   5.7   5.7  4.6  4.6  -31.8  2  0.00E00 -3.80E05  2037.5  2  0.00E00 -3.80E05   0.00 13.8
0.0  2
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        v 100  40   5.7   5.7  4.6  4.6  -24.0  2  0.00E00 -2.87E05  1536.7  2  0.00E00 -2.87E05   0.00 10.4
0.0  2
  194   o 100  40   5.7   5.7  4.6  4.6  -26.9  2  0.00E00 -3.21E05  1722.2  2  0.00E00 -3.21E05   0.00 11.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.9  2  0.00E00 -2.38E05  1276.5  2  0.00E00 -2.38E05   0.00  8.6
0.0  2
  195   o 100  40   5.7   5.7  4.6  4.6  -21.1  2  0.00E00 -2.53E05  1354.0  2  0.00E00 -2.53E05   0.00  9.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -12.5  2  0.00E00 -1.49E05   799.4  2  0.00E00 -1.49E05   0.00  5.4
0.0  2
  196   o 100  40   5.7   5.7  4.6  4.6  -13.3  2  0.00E00 -1.59E05   853.8  2  0.00E00 -1.59E05   0.00  5.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.7  2  0.00E00  2.48E05  1327.5  2  0.00E00  2.48E05   0.00  9.0
0.0  1
  197   o  50  40   3.4   3.4  4.6  4.6   -9.7  2  0.00E00 -6.36E04   571.2  2  0.00E00 -6.36E04   0.00  4.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -2.4  2  0.00E00 -2.81E04   150.7  2  0.00E00 -2.81E04   0.00  1.0
0.0  2
  198   o  50  40   3.4   3.4  4.6  4.6   -2.1  2  0.00E00 -1.39E04   125.2  2  0.00E00 -1.39E04   0.00  1.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -1.6  2  0.00E00 -1.93E04   103.7  2  0.00E00 -1.93E04   0.00  0.7
0.0  2
  199   o 100  40   5.7   5.7  4.6  4.6   -8.5  2  0.00E00 -1.02E05   547.0  2  0.00E00 -1.02E05   0.00  3.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.8  2  0.00E00  2.13E05  1143.3  2  0.00E00  2.13E05   0.00  7.7
0.0  1
  200   o 100  40   5.3   5.3  4.6  4.6  -17.2  2  0.00E00 -2.00E05  1137.6  2  0.00E00 -2.00E05   0.00  7.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -6.0  2  0.00E00 -7.18E04   384.9  2  0.00E00 -7.18E04   0.00  2.6
0.0  2
  201   o 100  40   5.7   5.7  4.6  4.6  -22.7  2  0.00E00 -2.72E05  1455.8  2  0.00E00 -2.72E05   0.00  9.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -15.1  2  0.00E00 -1.80E05   965.5  2  0.00E00 -1.80E05   0.00  6.5
0.0  2
  202   o 100  40   5.7   5.7  4.6  4.6  -28.1  2  0.00E00 -3.36E05  1800.6  2  0.00E00 -3.36E05   0.00 12.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.8  2  0.00E00 -2.37E05  1270.5  2  0.00E00 -2.37E05   0.00  8.6
0.0  2
  203   o 100  40   5.7   5.7  4.6  4.6  -32.6  2  0.00E00 -3.90E05  2091.9  2  0.00E00 -3.90E05   0.00 14.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.1  2  0.00E00 -2.64E05  1415.2  2  0.00E00 -2.64E05   0.00  9.6
0.0  2
  204   o 100  40   5.7   5.7  4.6  4.6  -36.4  2  0.00E00 -4.35E05  2330.0  2  0.00E00 -4.35E05   0.00 15.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.7  2  0.00E00 -2.71E05  1452.2  2  0.00E00 -2.71E05   0.00  9.8
0.0  2
  205   o 100  40   5.7   9.0  4.6  4.6  -32.2  2  0.00E00 -4.70E05  1597.1  2  0.00E00 -4.70E05   0.00 16.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.2  2  0.00E00 -2.66E05  1423.6  2  0.00E00 -2.66E05   0.00  9.6
0.0  2
  206   o 100  40   5.7  11.3  4.6  4.6  -31.2  2  0.00E00 -4.96E05  1361.2  2  0.00E00 -4.96E05   0.00 17.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -21.2  2  0.00E00 -2.54E05  1360.1  2  0.00E00 -2.54E05   0.00  9.2
0.0  2
  207   o 100  40   5.7  11.3  4.6  4.6  -32.4  2  0.00E00 -5.16E05  1414.6  2  0.00E00 -5.16E05   0.00 18.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.0  2  0.00E00 -2.39E05  1282.2  2  0.00E00 -2.39E05   0.00  8.7
0.0  2
  208   o 100  40   5.7  11.3  4.6  4.6  -33.2  2  0.00E00 -5.29E05  1450.4  2  0.00E00 -5.29E05   0.00 18.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.8  2  0.00E00 -2.24E05  1202.5  2  0.00E00 -2.24E05   0.00  8.1
0.0  2
  209   o 100  40   5.7   9.0  4.6  4.6  -36.8  2  0.00E00 -5.36E05  1823.5  2  0.00E00 -5.36E05   0.00 19.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.6  2  0.00E00 -2.11E05  1128.7  2  0.00E00 -2.11E05   0.00  7.6
0.0  2
  210   o 100  40   5.7   5.7  4.6  4.6  -45.0  2  0.00E00 -5.38E05  2884.2  2  0.00E00 -5.38E05   0.00 19.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.6  2  0.00E00 -1.99E05  1064.7  2  0.00E00 -1.99E05   0.00  7.2
0.0  2
  211   o 100  40   5.7   5.7  4.6  4.6  -44.8  2  0.00E00 -5.36E05  2872.4  2  0.00E00 -5.36E05   0.00 19.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -15.8  2  0.00E00 -1.89E05  1012.3  2  0.00E00 -1.89E05   0.00  6.8
0.0  2
  212   o 100  40   5.7   5.7  4.6  4.6  -44.8  2  0.00E00 -5.36E05  2871.9  2  0.00E00 -5.36E05   0.00 19.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -15.8  2  0.00E00 -1.89E05  1010.6  2  0.00E00 -1.89E05   0.00  6.8
0.0  2
  213   o 100  40   5.7   5.7  4.6  4.6  -45.0  2  0.00E00 -5.38E05  2884.2  2  0.00E00 -5.38E05   0.00 19.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.6  2  0.00E00 -1.99E05  1065.0  2  0.00E00 -1.99E05   0.00  7.2
0.0  2
  214   o 100  40   5.7   5.7  4.6  4.6  -44.9  2  0.00E00 -5.37E05  2876.8  2  0.00E00 -5.37E05   0.00 19.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.6  2  0.00E00 -2.11E05  1131.1  2  0.00E00 -2.11E05   0.00  7.7
0.0  2
  215   o 100  40   5.7   5.7  4.6  4.6  -44.3  2  0.00E00 -5.30E05  2840.0  2  0.00E00 -5.30E05   0.00 19.2
0.0  2
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        v 100  40   5.7   5.7  4.6  4.6  -18.8  2  0.00E00 -2.25E05  1207.2  2  0.00E00 -2.25E05   0.00  8.2
0.0  2
  216   o 100  40   5.7   5.7  4.6  4.6  -43.3  2  0.00E00 -5.17E05  2771.9  2  0.00E00 -5.17E05   0.00 18.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.1  2  0.00E00 -2.41E05  1289.5  2  0.00E00 -2.41E05   0.00  8.7
0.0  2
  217   o 100  40   5.7   5.7  4.6  4.6  -41.6  2  0.00E00 -4.98E05  2669.1  2  0.00E00 -4.98E05   0.00 18.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -21.4  2  0.00E00 -2.56E05  1370.2  2  0.00E00 -2.56E05   0.00  9.3
0.0  2
  218   o 100  40   5.7   5.7  4.6  4.6  -39.4  2  0.00E00 -4.71E05  2527.0  2  0.00E00 -4.71E05   0.00 17.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.4  2  0.00E00 -2.68E05  1436.8  2  0.00E00 -2.68E05   0.00  9.7
0.0  2
  219   o 100  40   5.7   5.7  4.6  4.6  -36.5  2  0.00E00 -4.37E05  2340.2  2  0.00E00 -4.37E05   0.00 15.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.9  2  0.00E00 -2.74E05  1468.6  2  0.00E00 -2.74E05   0.00  9.9
0.0  2
  220   o 100  40   5.7   5.7  4.6  4.6  -32.8  2  0.00E00 -3.92E05  2102.8  2  0.00E00 -3.92E05   0.00 14.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.4  2  0.00E00 -2.68E05  1435.0  2  0.00E00 -2.68E05   0.00  9.7
0.0  2
  221   o 100  40   5.7   5.7  4.6  4.6  -28.3  2  0.00E00 -3.38E05  1811.7  2  0.00E00 -3.38E05   0.00 12.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.2  2  0.00E00 -2.41E05  1293.8  2  0.00E00 -2.41E05   0.00  8.8
0.0  2
  222   o 100  40   5.7   5.7  4.6  4.6  -22.9  2  0.00E00 -2.74E05  1466.6  2  0.00E00 -2.74E05   0.00  9.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -15.5  2  0.00E00 -1.85E05   991.6  2  0.00E00 -1.85E05   0.00  6.7
0.0  2
  223   o 100  40   5.7   5.7  4.6  4.6  -16.9  2  0.00E00 -2.02E05  1083.7  2  0.00E00 -2.02E05   0.00  7.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -7.5  2  0.00E00 -8.99E04   482.2  2  0.00E00 -8.99E04   0.00  3.3
0.0  2
  224   o 100  40   5.7   5.7  4.6  4.6   -8.6  2  0.00E00 -1.02E05   548.7  2  0.00E00 -1.02E05   0.00  3.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.5  2  0.00E00  2.09E05  1120.7  2  0.00E00  2.09E05   0.00  7.6
0.0  1
  225   o  50  40   3.4   3.4  4.6  4.6   -2.5  2  0.00E00 -1.61E04   144.8  2  0.00E00 -1.61E04   0.00  1.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -1.6  2  0.00E00 -1.97E04   105.7  2  0.00E00 -1.97E04   0.00  0.7
0.0  2
  226   o  50  40   3.4   3.4  4.6  4.6   -1.3  2  0.00E00 -8.63E03    77.5  2  0.00E00 -8.63E03   0.00  0.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -1.1  2  0.00E00 -1.29E04    69.0  2  0.00E00 -1.29E04   0.00  0.5
0.0  2
  227   o 100  40   5.7   5.7  4.6  4.6   -5.7  2  0.00E00 -6.77E04   363.1  2  0.00E00 -6.77E04   0.00  2.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -14.4  2  0.00E00  1.72E05   921.4  2  0.00E00  1.72E05   0.00  6.2
0.0  1
  228   o 100  40   5.3   5.3  4.6  4.6  -12.7  2  0.00E00 -1.47E05   836.3  2  0.00E00 -1.47E05   0.00  5.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -1.3  2  0.00E00 -1.57E04    83.9  2  0.00E00 -1.57E04   0.00  0.6
0.0  2
  229   o 100  40   5.7   5.7  4.6  4.6  -18.3  2  0.00E00 -2.19E05  1174.3  2  0.00E00 -2.19E05   0.00  7.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -11.2  2  0.00E00 -1.34E05   716.9  2  0.00E00 -1.34E05   0.00  4.9
0.0  2
  230   o 100  40   5.7   5.7  4.6  4.6  -23.9  2  0.00E00 -2.86E05  1534.0  2  0.00E00 -2.86E05   0.00 10.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.3  2  0.00E00 -1.95E05  1042.9  2  0.00E00 -1.95E05   0.00  7.1
0.0  2
  231   o 100  40   5.7   5.7  4.6  4.6  -29.0  2  0.00E00 -3.46E05  1855.6  2  0.00E00 -3.46E05   0.00 12.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.0  2  0.00E00 -2.27E05  1216.8  2  0.00E00 -2.27E05   0.00  8.2
0.0  2
  232   o 100  40   5.7   5.7  4.6  4.6  -33.3  2  0.00E00 -3.98E05  2133.8  2  0.00E00 -3.98E05   0.00 14.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.1  2  0.00E00 -2.40E05  1286.2  2  0.00E00 -2.40E05   0.00  8.7
0.0  2
  233   o 100  40   5.7   9.0  4.6  4.6  -30.3  2  0.00E00 -4.42E05  1501.3  2  0.00E00 -4.42E05   0.00 15.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.1  2  0.00E00 -2.41E05  1290.0  2  0.00E00 -2.41E05   0.00  8.7
0.0  2
  234   o 100  40   5.7  11.3  4.6  4.6  -29.9  2  0.00E00 -4.77E05  1307.1  2  0.00E00 -4.77E05   0.00 17.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.6  2  0.00E00 -2.35E05  1257.2  2  0.00E00 -2.35E05   0.00  8.5
0.0  2
  235   o 100  40   5.7  11.3  4.6  4.6  -31.6  2  0.00E00 -5.04E05  1382.7  2  0.00E00 -5.04E05   0.00 18.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.8  2  0.00E00 -2.25E05  1207.5  2  0.00E00 -2.25E05   0.00  8.2
0.0  2
  236   o 100  40   5.7  11.3  4.6  4.6  -32.9  2  0.00E00 -5.25E05  1438.8  2  0.00E00 -5.25E05   0.00 18.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.0  2  0.00E00 -2.15E05  1154.0  2  0.00E00 -2.15E05   0.00  7.8
0.0  2
  237   o 100  40   5.7   9.0  4.6  4.6  -37.0  2  0.00E00 -5.39E05  1831.8  2  0.00E00 -5.39E05   0.00 19.4
0.0  2
```

```
        v 100  40   5.7   5.7  4.6  4.6  -17.2  2  0.00E00 -2.06E05  1104.6  2  0.00E00 -2.06E05   0.00  7.5
0.0  2
  238   o 100  40   5.7   5.7  4.6  4.6  -45.7  2  0.00E00 -5.47E05  2929.9  2  0.00E00 -5.47E05   0.00 19.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.6  2  0.00E00 -1.98E05  1064.0  2  0.00E00 -1.98E05   0.00  7.2
0.0  2
  239   o 100  40   5.7   5.7  4.6  4.6  -45.9  2  0.00E00 -5.49E05  2944.2  2  0.00E00 -5.49E05   0.00 19.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.1  2  0.00E00 -1.93E05  1034.5  2  0.00E00 -1.93E05   0.00  7.0
0.0  2
  240   o 100  40   5.7   5.7  4.6  4.6  -45.9  2  0.00E00 -5.49E05  2944.5  2  0.00E00 -5.49E05   0.00 19.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.1  2  0.00E00 -1.93E05  1034.3  2  0.00E00 -1.93E05   0.00  7.0
0.0  2
  241   o 100  40   5.7   5.7  4.6  4.6  -45.7  2  0.00E00 -5.47E05  2931.6  2  0.00E00 -5.47E05   0.00 19.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.6  2  0.00E00 -1.99E05  1065.8  2  0.00E00 -1.99E05   0.00  7.2
0.0  2
  242   o 100  40   5.7   5.7  4.6  4.6  -45.1  2  0.00E00 -5.39E05  2891.6  2  0.00E00 -5.39E05   0.00 19.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.3  2  0.00E00 -2.07E05  1108.5  2  0.00E00 -2.07E05   0.00  7.5
0.0  2
  243   o 100  40   5.7   5.7  4.6  4.6  -44.0  2  0.00E00 -5.26E05  2818.7  2  0.00E00 -5.26E05   0.00 19.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.1  2  0.00E00 -2.16E05  1160.1  2  0.00E00 -2.16E05   0.00  7.8
0.0  2
  244   o 100  40   5.7   5.7  4.6  4.6  -42.3  2  0.00E00 -5.06E05  2710.7  2  0.00E00 -5.06E05   0.00 18.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.0  2  0.00E00 -2.27E05  1216.0  2  0.00E00 -2.27E05   0.00  8.2
0.0  2
  245   o 100  40   5.7   5.7  4.6  4.6  -40.0  2  0.00E00 -4.78E05  2564.4  2  0.00E00 -4.78E05   0.00 17.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.8  2  0.00E00 -2.37E05  1268.3  2  0.00E00 -2.37E05   0.00  8.6
0.0  2
  246   o 100  40   5.7   5.7  4.6  4.6  -37.1  2  0.00E00 -4.43E05  2376.4  2  0.00E00 -4.43E05   0.00 16.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.3  2  0.00E00 -2.43E05  1304.0  2  0.00E00 -2.43E05   0.00  8.8
0.0  2
  247   o 100  40   5.7   5.7  4.6  4.6  -33.5  2  0.00E00 -4.00E05  2144.1  2  0.00E00 -4.00E05   0.00 14.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.3  2  0.00E00 -2.43E05  1303.1  2  0.00E00 -2.43E05   0.00  8.8
0.0  2
  248   o 100  40   5.7   5.7  4.6  4.6  -29.1  2  0.00E00 -3.48E05  1866.1  2  0.00E00 -3.48E05   0.00 12.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.3  2  0.00E00 -2.31E05  1236.6  2  0.00E00 -2.31E05   0.00  8.4
0.0  2
  249   o 100  40   5.7   5.7  4.6  4.6  -24.1  2  0.00E00 -2.88E05  1544.1  2  0.00E00 -2.88E05   0.00 10.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.6  2  0.00E00 -1.99E05  1065.8  2  0.00E00 -1.99E05   0.00  7.2
0.0  2
  250   o 100  40   5.7   5.7  4.6  4.6  -18.5  2  0.00E00 -2.21E05  1183.4  2  0.00E00 -2.21E05   0.00  8.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -11.6  2  0.00E00 -1.39E05   742.5  2  0.00E00 -1.39E05   0.00  5.0
0.0  2
  251   o 100  40   5.7   5.7  4.6  4.6  -12.4  2  0.00E00 -1.49E05   796.6  2  0.00E00 -1.49E05   0.00  5.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -3.5  2  0.00E00 -4.13E04   221.2  2  0.00E00 -4.13E04   0.00  1.5
0.0  2
  252   o 100  40   5.7   5.7  4.6  4.6   -5.7  2  0.00E00 -6.80E04   364.8  2  0.00E00 -6.80E04   0.00  2.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -13.9  2  0.00E00  1.67E05   893.8  2  0.00E00  1.67E05   0.00  6.0
0.0  1
  253   o  50  40   3.4   3.4  4.6  4.6   -1.5  2  0.00E00 -9.97E03    89.6  2  0.00E00 -9.97E03   0.00  0.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -1.1  2  0.00E00 -1.31E04    70.3  2  0.00E00 -1.31E04   0.00  0.5
0.0  2
  254   o  50  40   3.4   3.4  4.6  4.6   -1.3  2  0.00E00 -8.75E03    78.6  2  0.00E00 -8.75E03   0.00  0.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -1.1  2  0.00E00 -1.30E04    69.7  2  0.00E00 -1.30E04   0.00  0.5
0.0  2
  255   o 100  40   5.7   5.7  4.6  4.6   -5.8  2  0.00E00 -6.88E04   368.6  2  0.00E00 -6.88E04   0.00  2.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -14.4  2  0.00E00  1.72E05   924.6  2  0.00E00  1.72E05   0.00  6.3
0.0  1
  256   o 100  40   5.3   5.3  4.6  4.6  -12.8  2  0.00E00 -1.49E05   845.3  2  0.00E00 -1.49E05   0.00  5.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -1.3  2  0.00E00 -1.58E04    85.0  2  0.00E00 -1.58E04   0.00  0.6
0.0  2
  257   o 100  40   5.7   5.7  4.6  4.6  -18.4  2  0.00E00 -2.20E05  1181.7  2  0.00E00 -2.20E05   0.00  8.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -11.2  2  0.00E00 -1.34E05   720.9  2  0.00E00 -1.34E05   0.00  4.9
0.0  2
  258   o 100  40   5.7   5.7  4.6  4.6  -24.0  2  0.00E00 -2.87E05  1539.8  2  0.00E00 -2.87E05   0.00 10.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.3  2  0.00E00 -1.95E05  1046.4  2  0.00E00 -1.95E05   0.00  7.1
0.0  2
  259   o 100  40   5.7   5.7  4.6  4.6  -29.0  2  0.00E00 -3.47E05  1859.4  2  0.00E00 -3.47E05   0.00 12.6
0.0  2
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        v 100  40   5.7   5.7  4.6  4.6  -19.0  2  0.00E00 -2.28E05  1219.6  2  0.00E00 -2.28E05   0.00  8.3
0.0  2
  260   o 100  40   5.7   5.7  4.6  4.6  -33.3  2  0.00E00 -3.98E05  2135.7  2  0.00E00 -3.98E05   0.00 14.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.1  2  0.00E00 -2.40E05  1288.4  2  0.00E00 -2.40E05   0.00  8.7
0.0  2
  261   o 100  40   5.7   9.0  4.6  4.6  -30.3  2  0.00E00 -4.42E05  1501.4  2  0.00E00 -4.42E05   0.00 15.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.2  2  0.00E00 -2.41E05  1291.6  2  0.00E00 -2.41E05   0.00  8.7
0.0  2
  262   o 100  40   5.7  11.3  4.6  4.6  -29.9  2  0.00E00 -4.77E05  1306.4  2  0.00E00 -4.77E05   0.00 17.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.6  2  0.00E00 -2.35E05  1258.2  2  0.00E00 -2.35E05   0.00  8.5
0.0  2
  263   o 100  40   5.7  11.3  4.6  4.6  -31.6  2  0.00E00 -5.04E05  1381.3  2  0.00E00 -5.04E05   0.00 18.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.8  2  0.00E00 -2.25E05  1208.1  2  0.00E00 -2.25E05   0.00  8.2
0.0  2
  264   o 100  40   5.7  11.3  4.6  4.6  -32.9  2  0.00E00 -5.24E05  1436.8  2  0.00E00 -5.24E05   0.00 18.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.0  2  0.00E00 -2.15E05  1154.1  2  0.00E00 -2.15E05   0.00  7.8
0.0  2
  265   o 100  40   5.7   9.0  4.6  4.6  -36.9  2  0.00E00 -5.38E05  1828.7  2  0.00E00 -5.38E05   0.00 19.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.2  2  0.00E00 -2.06E05  1104.4  2  0.00E00 -2.06E05   0.00  7.5
0.0  2
  266   o 100  40   5.7   5.7  4.6  4.6  -45.6  2  0.00E00 -5.45E05  2924.0  2  0.00E00 -5.45E05   0.00 19.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.6  2  0.00E00 -1.98E05  1063.4  2  0.00E00 -1.98E05   0.00  7.2
0.0  2
  267   o 100  40   5.7   5.7  4.6  4.6  -45.8  2  0.00E00 -5.48E05  2937.7  2  0.00E00 -5.48E05   0.00 19.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.1  2  0.00E00 -1.93E05  1033.6  2  0.00E00 -1.93E05   0.00  7.0
0.0  2
  268   o 100  40   5.7   5.7  4.6  4.6  -45.8  2  0.00E00 -5.48E05  2938.1  2  0.00E00 -5.48E05   0.00 19.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.1  2  0.00E00 -1.93E05  1033.6  2  0.00E00 -1.93E05   0.00  7.0
0.0  2
  269   o 100  40   5.7   5.7  4.6  4.6  -45.7  2  0.00E00 -5.46E05  2926.0  2  0.00E00 -5.46E05   0.00 19.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.6  2  0.00E00 -1.99E05  1065.4  2  0.00E00 -1.99E05   0.00  7.2
0.0  2
  270   o 100  40   5.7   5.7  4.6  4.6  -45.0  2  0.00E00 -5.39E05  2886.9  2  0.00E00 -5.39E05   0.00 19.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.3  2  0.00E00 -2.07E05  1108.4  2  0.00E00 -2.07E05   0.00  7.5
0.0  2
  271   o 100  40   5.7   5.7  4.6  4.6  -43.9  2  0.00E00 -5.25E05  2815.1  2  0.00E00 -5.25E05   0.00 19.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.1  2  0.00E00 -2.16E05  1160.4  2  0.00E00 -2.16E05   0.00  7.9
0.0  2
  272   o 100  40   5.7   5.7  4.6  4.6  -42.3  2  0.00E00 -5.05E05  2708.2  2  0.00E00 -5.05E05   0.00 18.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.0  2  0.00E00 -2.27E05  1216.7  2  0.00E00 -2.27E05   0.00  8.2
0.0  2
  273   o 100  40   5.7   5.7  4.6  4.6  -40.0  2  0.00E00 -4.78E05  2563.3  2  0.00E00 -4.78E05   0.00 17.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.8  2  0.00E00 -2.37E05  1269.5  2  0.00E00 -2.37E05   0.00  8.6
0.0  2
  274   o 100  40   5.7   5.7  4.6  4.6  -37.1  2  0.00E00 -4.43E05  2377.0  2  0.00E00 -4.43E05   0.00 16.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.4  2  0.00E00 -2.44E05  1305.7  2  0.00E00 -2.44E05   0.00  8.8
0.0  2
  275   o 100  40   5.7   5.7  4.6  4.6  -33.5  2  0.00E00 -4.00E05  2146.4  2  0.00E00 -4.00E05   0.00 14.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.4  2  0.00E00 -2.44E05  1305.4  2  0.00E00 -2.44E05   0.00  8.8
0.0  2
  276   o 100  40   5.7   5.7  4.6  4.6  -29.2  2  0.00E00 -3.49E05  1870.2  2  0.00E00 -3.49E05   0.00 12.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.3  2  0.00E00 -2.31E05  1239.6  2  0.00E00 -2.31E05   0.00  8.4
0.0  2
  277   o 100  40   5.7   5.7  4.6  4.6  -24.2  2  0.00E00 -2.89E05  1550.3  2  0.00E00 -2.89E05   0.00 10.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.7  2  0.00E00 -1.99E05  1069.4  2  0.00E00 -1.99E05   0.00  7.2
0.0  2
  278   o 100  40   5.7   5.7  4.6  4.6  -18.6  2  0.00E00 -2.22E05  1191.2  2  0.00E00 -2.22E05   0.00  8.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -11.7  2  0.00E00 -1.39E05   746.8  2  0.00E00 -1.39E05   0.00  5.1
0.0  2
  279   o 100  40   5.7   5.7  4.6  4.6  -12.6  2  0.00E00 -1.50E05   805.5  2  0.00E00 -1.50E05   0.00  5.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -3.5  2  0.00E00 -4.22E04   226.3  2  0.00E00 -4.22E04   0.00  1.5
0.0  2
  280   o 100  40   5.7   5.7  4.6  4.6   -5.8  2  0.00E00 -6.91E04   370.5  2  0.00E00 -6.91E04   0.00  2.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -14.0  2  0.00E00  1.67E05   897.3  2  0.00E00  1.67E05   0.00  6.1
0.0  1
  281   o  50  40   3.4   3.4  4.6  4.6   -1.6  2  0.00E00 -1.01E04    91.0  2  0.00E00 -1.01E04   0.00  0.7
0.0  2
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        v 100  40   5.7   5.7  4.6  4.6   -1.1  2  0.00E00 -1.32E04    70.9  2  0.00E00 -1.32E04   0.00  0.5
0.0  2
  282   o  50  40   3.4   3.4  4.6  4.6   -2.1  2  0.00E00 -1.39E04   125.4  2  0.00E00 -1.39E04   0.00  1.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -1.6  2  0.00E00 -1.96E04   104.9  2  0.00E00 -1.96E04   0.00  0.7
0.0  2
  283   o 100  40   5.7   5.7  4.6  4.6   -8.6  2  0.00E00 -1.03E05   549.5  2  0.00E00 -1.03E05   0.00  3.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.9  2  0.00E00  2.14E05  1148.1  2  0.00E00  2.14E05   0.00  7.8
0.0  1
  284   o 100  40   5.3   5.3  4.6  4.6  -17.3  2  0.00E00 -2.01E05  1141.0  2  0.00E00 -2.01E05   0.00  7.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -6.1  2  0.00E00 -7.27E04   389.7  2  0.00E00 -7.27E04   0.00  2.6
0.0  2
  285   o 100  40   5.7   5.7  4.6  4.6  -22.7  2  0.00E00 -2.72E05  1456.1  2  0.00E00 -2.72E05   0.00  9.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -15.2  2  0.00E00 -1.81E05   972.0  2  0.00E00 -1.81E05   0.00  6.6
0.0  2
  286   o 100  40   5.7   5.7  4.6  4.6  -28.1  2  0.00E00 -3.35E05  1797.7  2  0.00E00 -3.35E05   0.00 12.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.9  2  0.00E00 -2.38E05  1275.7  2  0.00E00 -2.38E05   0.00  8.6
0.0  2
  287   o 100  40   5.7   5.7  4.6  4.6  -32.5  2  0.00E00 -3.89E05  2085.8  2  0.00E00 -3.89E05   0.00 14.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.1  2  0.00E00 -2.65E05  1419.1  2  0.00E00 -2.65E05   0.00  9.6
0.0  2
  288   o 100  40   5.7   5.7  4.6  4.6  -36.2  2  0.00E00 -4.33E05  2321.0  2  0.00E00 -4.33E05   0.00 15.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.7  2  0.00E00 -2.71E05  1454.8  2  0.00E00 -2.71E05   0.00  9.8
0.0  2
  289   o 100  40   5.7   9.0  4.6  4.6  -32.1  2  0.00E00 -4.68E05  1589.8  2  0.00E00 -4.68E05   0.00 16.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.2  2  0.00E00 -2.66E05  1425.2  2  0.00E00 -2.66E05   0.00  9.6
0.0  2
  290   o 100  40   5.7  11.3  4.6  4.6  -31.0  2  0.00E00 -4.94E05  1354.1  2  0.00E00 -4.94E05   0.00 17.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -21.2  2  0.00E00 -2.54E05  1360.7  2  0.00E00 -2.54E05   0.00  9.2
0.0  2
  291   o 100  40   5.7  11.3  4.6  4.6  -32.2  2  0.00E00 -5.13E05  1406.6  2  0.00E00 -5.13E05   0.00 18.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.0  2  0.00E00 -2.39E05  1281.9  2  0.00E00 -2.39E05   0.00  8.7
0.0  2
  292   o 100  40   5.7  11.3  4.6  4.6  -33.0  2  0.00E00 -5.26E05  1441.6  2  0.00E00 -5.26E05   0.00 18.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.7  2  0.00E00 -2.24E05  1201.5  2  0.00E00 -2.24E05   0.00  8.1
0.0  2
  293   o 100  40   5.7   9.0  4.6  4.6  -36.5  2  0.00E00 -5.33E05  1811.7  2  0.00E00 -5.33E05   0.00 19.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.6  2  0.00E00 -2.10E05  1127.0  2  0.00E00 -2.10E05   0.00  7.6
0.0  2
  294   o 100  40   5.7   5.7  4.6  4.6  -44.7  2  0.00E00 -5.34E05  2864.7  2  0.00E00 -5.34E05   0.00 19.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.6  2  0.00E00 -1.98E05  1062.4  2  0.00E00 -1.98E05   0.00  7.2
0.0  2
  295   o 100  40   5.7   5.7  4.6  4.6  -44.5  2  0.00E00 -5.32E05  2852.3  2  0.00E00 -5.32E05   0.00 19.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -15.8  2  0.00E00 -1.88E05  1009.4  2  0.00E00 -1.88E05   0.00  6.8
0.0  2
  296   o 100  40   5.7   5.7  4.6  4.6  -44.5  2  0.00E00 -5.32E05  2852.0  2  0.00E00 -5.32E05   0.00 19.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -15.7  2  0.00E00 -1.88E05  1008.1  2  0.00E00 -1.88E05   0.00  6.8
0.0  2
  297   o 100  40   5.7   5.7  4.6  4.6  -44.7  2  0.00E00 -5.34E05  2865.0  2  0.00E00 -5.34E05   0.00 19.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.6  2  0.00E00 -1.98E05  1063.0  2  0.00E00 -1.98E05   0.00  7.2
0.0  2
  298   o 100  40   5.7   5.7  4.6  4.6  -44.6  2  0.00E00 -5.33E05  2858.6  2  0.00E00 -5.33E05   0.00 19.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.6  2  0.00E00 -2.11E05  1129.7  2  0.00E00 -2.11E05   0.00  7.6
0.0  2
  299   o 100  40   5.7   5.7  4.6  4.6  -44.1  2  0.00E00 -5.27E05  2823.2  2  0.00E00 -5.27E05   0.00 19.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.8  2  0.00E00 -2.25E05  1206.5  2  0.00E00 -2.25E05   0.00  8.2
0.0  2
  300   o 100  40   5.7   5.7  4.6  4.6  -43.0  2  0.00E00 -5.14E05  2756.6  2  0.00E00 -5.14E05   0.00 18.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.1  2  0.00E00 -2.41E05  1289.5  2  0.00E00 -2.41E05   0.00  8.7
0.0  2
  301   o 100  40   5.7   5.7  4.6  4.6  -41.4  2  0.00E00 -4.95E05  2655.7  2  0.00E00 -4.95E05   0.00 18.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -21.4  2  0.00E00 -2.56E05  1371.2  2  0.00E00 -2.56E05   0.00  9.3
0.0  2
  302   o 100  40   5.7   5.7  4.6  4.6  -39.3  2  0.00E00 -4.69E05  2515.8  2  0.00E00 -4.69E05   0.00 17.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.4  2  0.00E00 -2.68E05  1438.7  2  0.00E00 -2.68E05   0.00  9.7
0.0  2
  303   o 100  40   5.7   5.7  4.6  4.6  -36.4  2  0.00E00 -4.35E05  2331.5  2  0.00E00 -4.35E05   0.00 15.8
0.0  2
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        v 100  40   5.7   5.7  4.6  4.6  -23.0  2  0.00E00 -2.75E05  1471.6  2  0.00E00 -2.75E05   0.00 10.0
0.0  2
  304   o 100  40   5.7   5.7  4.6  4.6  -32.7  2  0.00E00 -3.91E05  2097.1  2  0.00E00 -3.91E05   0.00 14.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.5  2  0.00E00 -2.68E05  1439.2  2  0.00E00 -2.68E05   0.00  9.7
0.0  2
  305   o 100  40   5.7   5.7  4.6  4.6  -28.2  2  0.00E00 -3.37E05  1809.2  2  0.00E00 -3.37E05   0.00 12.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.3  2  0.00E00 -2.42E05  1299.4  2  0.00E00 -2.42E05   0.00  8.8
0.0  2
  306   o 100  40   5.7   5.7  4.6  4.6  -22.9  2  0.00E00 -2.74E05  1467.3  2  0.00E00 -2.74E05   0.00  9.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -15.6  2  0.00E00 -1.86E05   998.5  2  0.00E00 -1.86E05   0.00  6.8
0.0  2
  307   o 100  40   5.7   5.7  4.6  4.6  -17.0  2  0.00E00 -2.03E05  1087.3  2  0.00E00 -2.03E05   0.00  7.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -7.7  2  0.00E00 -9.17E04   491.5  2  0.00E00 -9.17E04   0.00  3.3
0.0  2
  308   o 100  40   5.7   5.7  4.6  4.6   -8.6  2  0.00E00 -1.03E05   551.5  2  0.00E00 -1.03E05   0.00  3.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.6  2  0.00E00  2.10E05  1126.0  2  0.00E00  2.10E05   0.00  7.6
0.0  1
  309   o  50  40   3.4   3.4  4.6  4.6   -2.5  2  0.00E00 -1.61E04   145.1  2  0.00E00 -1.61E04   0.00  1.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -1.7  2  0.00E00 -2.00E04   107.0  2  0.00E00 -2.00E04   0.00  0.7
0.0  2
  310   o  50  40   3.4   3.4  4.6  4.6   -9.5  2  0.00E00 -6.21E04   558.1  2  0.00E00 -6.21E04   0.00  4.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -2.3  2  0.00E00 -2.77E04   148.6  2  0.00E00 -2.77E04   0.00  1.0
0.0  2
  311   o 100  40   5.7   5.7  4.6  4.6  -13.2  2  0.00E00 -1.58E05   844.8  2  0.00E00 -1.58E05   0.00  5.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -21.0  2  0.00E00  2.51E05  1344.1  2  0.00E00  2.51E05   0.00  9.1
0.0  1
  312   o 100  40   5.3   5.3  4.6  4.6  -21.5  2  0.00E00 -2.50E05  1418.1  2  0.00E00 -2.50E05   0.00  9.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -12.1  2  0.00E00 -1.45E05   775.2  2  0.00E00 -1.45E05   0.00  5.2
0.0  2
  313   o 100  40   5.7   5.7  4.6  4.6  -26.6  2  0.00E00 -3.18E05  1702.3  2  0.00E00 -3.18E05   0.00 11.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.5  2  0.00E00 -2.34E05  1252.8  2  0.00E00 -2.34E05   0.00  8.5
0.0  2
  314   o 100  40   5.7   5.7  4.6  4.6  -31.4  2  0.00E00 -3.76E05  2013.5  2  0.00E00 -3.76E05   0.00 13.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -23.6  2  0.00E00 -2.82E05  1514.3  2  0.00E00 -2.82E05   0.00 10.2
0.0  2
  315   o 100  40   5.7   5.7  4.6  4.6  -35.2  2  0.00E00 -4.21E05  2254.6  2  0.00E00 -4.21E05   0.00 15.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -25.1  2  0.00E00 -3.00E05  1609.8  2  0.00E00 -3.00E05   0.00 10.9
0.0  2
  316   o 100  40   5.7   5.7  4.6  4.6  -38.0  2  0.00E00 -4.54E05  2434.0  2  0.00E00 -4.54E05   0.00 16.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -25.0  2  0.00E00 -2.99E05  1600.3  2  0.00E00 -2.99E05   0.00 10.8
0.0  2
  317   o 100  40   5.7   9.0  4.6  4.6  -32.8  2  0.00E00 -4.78E05  1624.9  2  0.00E00 -4.78E05   0.00 17.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -23.9  2  0.00E00 -2.86E05  1530.5  2  0.00E00 -2.86E05   0.00 10.4
0.0  2
  318   o 100  40   5.7  11.3  4.6  4.6  -31.0  2  0.00E00 -4.94E05  1354.3  2  0.00E00 -4.94E05   0.00 17.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.3  2  0.00E00 -2.67E05  1431.3  2  0.00E00 -2.67E05   0.00  9.7
0.0  2
  319   o 100  40   5.7  11.3  4.6  4.6  -31.6  2  0.00E00 -5.04E05  1381.2  2  0.00E00 -5.04E05   0.00 18.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.6  2  0.00E00 -2.47E05  1322.2  2  0.00E00 -2.47E05   0.00  8.9
0.0  2
  320   o 100  40   5.7  11.3  4.6  4.6  -31.9  2  0.00E00 -5.08E05  1393.8  2  0.00E00 -5.08E05   0.00 18.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.0  2  0.00E00 -2.27E05  1214.5  2  0.00E00 -2.27E05   0.00  8.2
0.0  2
  321   o 100  40   5.7   9.0  4.6  4.6  -34.9  2  0.00E00 -5.08E05  1728.2  2  0.00E00 -5.08E05   0.00 18.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.4  2  0.00E00 -2.08E05  1114.7  2  0.00E00 -2.08E05   0.00  7.5
0.0  2
  322   o 100  40   5.7   5.7  4.6  4.6  -42.1  2  0.00E00 -5.04E05  2700.1  2  0.00E00 -5.04E05   0.00 18.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.0  2  0.00E00 -1.91E05  1025.6  2  0.00E00 -1.91E05   0.00  6.9
0.0  2
  323   o 100  40   5.7   5.7  4.6  4.6  -41.5  2  0.00E00 -4.97E05  2662.4  2  0.00E00 -4.97E05   0.00 18.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -14.8  2  0.00E00 -1.77E05   948.1  2  0.00E00 -1.77E05   0.00  6.4
0.0  2
  324   o 100  40   5.7   5.7  4.6  4.6  -41.5  2  0.00E00 -4.96E05  2661.3  2  0.00E00 -4.96E05   0.00 18.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -14.7  2  0.00E00 -1.76E05   945.2  2  0.00E00 -1.76E05   0.00  6.4
0.0  2
  325   o 100  40   5.7   5.7  4.6  4.6  -42.1  2  0.00E00 -5.03E05  2698.8  2  0.00E00 -5.03E05   0.00 18.3
0.0  2
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        v 100  40   5.7   5.7  4.6  4.6  -16.0  2  0.00E00 -1.91E05  1024.6  2  0.00E00 -1.91E05   0.00  6.9
0.0  2
  326   o 100  40   5.7   5.7  4.6  4.6  -42.5  2  0.00E00 -5.08E05  2725.3  2  0.00E00 -5.08E05   0.00 18.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.4  2  0.00E00 -2.08E05  1115.8  2  0.00E00 -2.08E05   0.00  7.5
0.0  2
  327   o 100  40   5.7   5.7  4.6  4.6  -42.6  2  0.00E00 -5.09E05  2728.0  2  0.00E00 -5.09E05   0.00 18.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.0  2  0.00E00 -2.27E05  1217.9  2  0.00E00 -2.27E05   0.00  8.2
0.0  2
  328   o 100  40   5.7   5.7  4.6  4.6  -42.2  2  0.00E00 -5.05E05  2705.5  2  0.00E00 -5.05E05   0.00 18.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.7  2  0.00E00 -2.48E05  1328.2  2  0.00E00 -2.48E05   0.00  9.0
0.0  2
  329   o 100  40   5.7   5.7  4.6  4.6  -41.4  2  0.00E00 -4.95E05  2654.7  2  0.00E00 -4.95E05   0.00 18.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.5  2  0.00E00 -2.69E05  1440.4  2  0.00E00 -2.69E05   0.00  9.7
0.0  2
  330   o 100  40   5.7   5.7  4.6  4.6  -40.1  2  0.00E00 -4.79E05  2570.2  2  0.00E00 -4.79E05   0.00 17.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -24.1  2  0.00E00 -2.88E05  1542.8  2  0.00E00 -2.88E05   0.00 10.4
0.0  2
  331   o 100  40   5.7   5.7  4.6  4.6  -38.1  2  0.00E00 -4.56E05  2444.1  2  0.00E00 -4.56E05   0.00 16.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -25.2  2  0.00E00 -3.01E05  1616.2  2  0.00E00 -3.01E05   0.00 10.9
0.0  2
  332   o 100  40   5.7   5.7  4.6  4.6  -35.4  2  0.00E00 -4.23E05  2265.9  2  0.00E00 -4.23E05   0.00 15.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -25.4  2  0.00E00 -3.04E05  1629.5  2  0.00E00 -3.04E05   0.00 11.0
0.0  2
  333   o 100  40   5.7   5.7  4.6  4.6  -31.6  2  0.00E00 -3.78E05  2025.6  2  0.00E00 -3.78E05   0.00 13.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -24.0  2  0.00E00 -2.87E05  1537.9  2  0.00E00 -2.87E05   0.00 10.4
0.0  2
  334   o 100  40   5.7   5.7  4.6  4.6  -26.8  2  0.00E00 -3.20E05  1714.8  2  0.00E00 -3.20E05   0.00 11.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.0  2  0.00E00 -2.39E05  1279.3  2  0.00E00 -2.39E05   0.00  8.7
0.0  2
  335   o 100  40   5.7   5.7  4.6  4.6  -21.1  2  0.00E00 -2.52E05  1351.2  2  0.00E00 -2.52E05   0.00  9.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -12.6  2  0.00E00 -1.50E05   805.6  2  0.00E00 -1.50E05   0.00  5.5
0.0  2
  336   o 100  40   5.7   5.7  4.6  4.6  -13.3  2  0.00E00 -1.60E05   855.1  2  0.00E00 -1.60E05   0.00  5.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.7  2  0.00E00  2.48E05  1329.2  2  0.00E00  2.48E05   0.00  9.0
0.0  1
  337   o  50  40   3.4   3.4  4.6  4.6   -9.8  2  0.00E00 -6.38E04   573.2  2  0.00E00 -6.38E04   0.00  4.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -2.4  2  0.00E00 -2.83E04   151.8  2  0.00E00 -2.83E04   0.00  1.0
0.0  2
  338   o  50  40   3.4   3.4  4.6  4.6  -14.9  2  0.00E00 -9.73E04   874.7  2  0.00E00 -9.73E04   0.00  7.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -2.8  2  0.00E00 -3.40E04   182.3  2  0.00E00 -3.40E04   0.00  1.2
0.0  2
  339   o 100  40   5.7   5.7  4.6  4.6  -19.3  2  0.00E00 -2.30E05  1234.9  2  0.00E00 -2.30E05   0.00  8.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.8  2  0.00E00  2.72E05  1458.5  2  0.00E00  2.72E05   0.00  9.9
0.0  1
  340   o 100  40   5.3   5.3  4.6  4.6  -25.3  2  0.00E00 -2.94E05  1668.9  2  0.00E00 -2.94E05   0.00 10.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.0  2  0.00E00 -2.03E05  1090.3  2  0.00E00 -2.03E05   0.00  7.4
0.0  2
  341   o 100  40   5.7   5.7  4.6  4.6  -29.8  2  0.00E00 -3.56E05  1907.6  2  0.00E00 -3.56E05   0.00 12.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -23.5  2  0.00E00 -2.81E05  1504.9  2  0.00E00 -2.81E05   0.00 10.2
0.0  2
  342   o 100  40   5.7   5.7  4.6  4.6  -33.8  2  0.00E00 -4.04E05  2167.2  2  0.00E00 -4.04E05   0.00 14.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -26.5  2  0.00E00 -3.17E05  1700.7  2  0.00E00 -3.17E05   0.00 11.5
0.0  2
  343   o 100  40   5.7   5.7  4.6  4.6  -36.5  2  0.00E00 -4.37E05  2340.3  2  0.00E00 -4.37E05   0.00 15.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -27.0  2  0.00E00 -3.23E05  1733.5  2  0.00E00 -3.23E05   0.00 11.7
0.0  2
  344   o 100  40   5.7   5.7  4.6  4.6  -38.2  2  0.00E00 -4.57E05  2447.4  2  0.00E00 -4.57E05   0.00 16.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -26.1  2  0.00E00 -3.12E05  1673.2  2  0.00E00 -3.12E05   0.00 11.3
0.0  2
  345   o 100  40   5.7   9.0  4.6  4.6  -32.1  2  0.00E00 -4.68E05  1589.7  2  0.00E00 -4.68E05   0.00 16.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -24.4  2  0.00E00 -2.92E05  1564.4  2  0.00E00 -2.92E05   0.00 10.6
0.0  2
  346   o 100  40   5.7  11.3  4.6  4.6  -29.6  2  0.00E00 -4.72E05  1294.4  2  0.00E00 -4.72E05   0.00 16.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.4  2  0.00E00 -2.68E05  1435.1  2  0.00E00 -2.68E05   0.00  9.7
0.0  2
  347   o 100  40   5.7  11.3  4.6  4.6  -29.6  2  0.00E00 -4.72E05  1294.2  2  0.00E00 -4.72E05   0.00 16.8
0.0  2
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        v 100  40   5.7   5.7  4.6  4.6  -20.3  2  0.00E00 -2.43E05  1301.6  2  0.00E00 -2.43E05   0.00  8.8
0.0  2
  348   o 100  40   5.7  11.3  4.6  4.6  -29.4  2  0.00E00 -4.68E05  1283.8  2  0.00E00 -4.68E05   0.00 16.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.3  2  0.00E00 -2.19E05  1172.8  2  0.00E00 -2.19E05   0.00  7.9
0.0  2
  349   o 100  40   5.7   9.0  4.6  4.6  -31.6  2  0.00E00 -4.61E05  1568.0  2  0.00E00 -4.61E05   0.00 16.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.4  2  0.00E00 -1.96E05  1053.3  2  0.00E00 -1.96E05   0.00  7.1
0.0  2
  350   o 100  40   5.7   5.7  4.6  4.6  -37.7  2  0.00E00 -4.51E05  2416.3  2  0.00E00 -4.51E05   0.00 16.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -14.7  2  0.00E00 -1.76E05   944.6  2  0.00E00 -1.76E05   0.00  6.4
0.0  2
  351   o 100  40   5.7   5.7  4.6  4.6  -36.8  2  0.00E00 -4.39E05  2355.5  2  0.00E00 -4.39E05   0.00 15.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -13.2  2  0.00E00 -1.58E05   846.7  2  0.00E00 -1.58E05   0.00  5.7
0.0  2
  352   o 100  40   5.7   5.7  4.6  4.6  -36.7  2  0.00E00 -4.39E05  2353.6  2  0.00E00 -4.39E05   0.00 15.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -13.1  2  0.00E00 -1.57E05   842.3  2  0.00E00 -1.57E05   0.00  5.7
0.0  2
  353   o 100  40   5.7   5.7  4.6  4.6  -37.7  2  0.00E00 -4.50E05  2413.3  2  0.00E00 -4.50E05   0.00 16.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -14.7  2  0.00E00 -1.76E05   942.0  2  0.00E00 -1.76E05   0.00  6.4
0.0  2
  354   o 100  40   5.7   5.7  4.6  4.6  -38.6  2  0.00E00 -4.61E05  2471.0  2  0.00E00 -4.61E05   0.00 16.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.4  2  0.00E00 -1.96E05  1052.6  2  0.00E00 -1.96E05   0.00  7.1
0.0  2
  355   o 100  40   5.7   5.7  4.6  4.6  -39.2  2  0.00E00 -4.68E05  2511.2  2  0.00E00 -4.68E05   0.00 17.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.3  2  0.00E00 -2.19E05  1174.5  2  0.00E00 -2.19E05   0.00  7.9
0.0  2
  356   o 100  40   5.7   5.7  4.6  4.6  -39.5  2  0.00E00 -4.73E05  2533.7  2  0.00E00 -4.73E05   0.00 17.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.4  2  0.00E00 -2.44E05  1305.9  2  0.00E00 -2.44E05   0.00  8.8
0.0  2
  357   o 100  40   5.7   5.7  4.6  4.6  -39.6  2  0.00E00 -4.73E05  2536.1  2  0.00E00 -4.73E05   0.00 17.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.5  2  0.00E00 -2.69E05  1442.4  2  0.00E00 -2.69E05   0.00  9.8
0.0  2
  358   o 100  40   5.7   5.7  4.6  4.6  -39.2  2  0.00E00 -4.69E05  2513.4  2  0.00E00 -4.69E05   0.00 17.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -24.6  2  0.00E00 -2.94E05  1575.1  2  0.00E00 -2.94E05   0.00 10.7
0.0  2
  359   o 100  40   5.7   5.7  4.6  4.6  -38.3  2  0.00E00 -4.58E05  2456.7  2  0.00E00 -4.58E05   0.00 16.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -26.3  2  0.00E00 -3.15E05  1687.6  2  0.00E00 -3.15E05   0.00 11.4
0.0  2
  360   o 100  40   5.7   5.7  4.6  4.6  -36.7  2  0.00E00 -4.39E05  2351.3  2  0.00E00 -4.39E05   0.00 15.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -27.3  2  0.00E00 -3.27E05  1752.1  2  0.00E00 -3.27E05   0.00 11.9
0.0  2
  361   o 100  40   5.7   5.7  4.6  4.6  -34.0  2  0.00E00 -4.07E05  2179.7  2  0.00E00 -4.07E05   0.00 14.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -26.9  2  0.00E00 -3.21E05  1723.4  2  0.00E00 -3.21E05   0.00 11.7
0.0  2
  362   o 100  40   5.7   5.7  4.6  4.6  -30.0  2  0.00E00 -3.58E05  1921.3  2  0.00E00 -3.58E05   0.00 13.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -23.9  2  0.00E00 -2.86E05  1531.5  2  0.00E00 -2.86E05   0.00 10.4
0.0  2
  363   o 100  40   5.7   5.7  4.6  4.6  -24.8  2  0.00E00 -2.97E05  1590.2  2  0.00E00 -2.97E05   0.00 10.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.5  2  0.00E00 -2.09E05  1119.4  2  0.00E00 -2.09E05   0.00  7.6
0.0  2
  364   o 100  40   5.7   5.7  4.6  4.6  -19.5  2  0.00E00 -2.33E05  1250.0  2  0.00E00 -2.33E05   0.00  8.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.7  2  0.00E00  2.71E05  1452.6  2  0.00E00  2.71E05   0.00  9.8
0.0  1
  365   o  50  40   3.4   3.4  4.6  4.6  -15.3  2  0.00E00 -9.98E04   896.6  2  0.00E00 -9.98E04   0.00  7.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -2.9  2  0.00E00 -3.48E04   186.7  2  0.00E00 -3.48E04   0.00  1.3
0.0  2
  366   o  50  40   3.4   3.4  4.6  4.6  -18.4  2  0.00E00 -1.20E05  1075.8  2  0.00E00 -1.20E05   0.00  8.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -3.1  2  0.00E00 -3.69E04   197.8  2  0.00E00 -3.69E04   0.00  1.3
0.0  2
  367   o 100  40   5.7   5.7  4.6  4.6  -22.8  2  0.00E00 -2.73E05  1464.0  2  0.00E00 -2.73E05   0.00  9.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.5  2  0.00E00  2.69E05  1439.6  2  0.00E00  2.69E05   0.00  9.7
0.0  1
  368   o 100  40   5.3   5.3  4.6  4.6  -28.5  2  0.00E00 -3.31E05  1879.2  2  0.00E00 -3.31E05   0.00 12.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -21.7  2  0.00E00 -2.60E05  1391.9  2  0.00E00 -2.60E05   0.00  9.4
0.0  2
  369   o 100  40   5.7   5.7  4.6  4.6  -31.9  2  0.00E00 -3.82E05  2047.0  2  0.00E00 -3.82E05   0.00 13.9
0.0  2
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        v 100  40   5.7   5.7  4.6  4.6  -26.6  2  0.00E00 -3.18E05  1703.2  2  0.00E00 -3.18E05   0.00 11.5
0.0  2
  370   o 100  40   5.7   5.7  4.6  4.6  -34.7  2  0.00E00 -4.15E05  2222.8  2  0.00E00 -4.15E05   0.00 15.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -28.2  2  0.00E00 -3.37E05  1807.8  2  0.00E00 -3.37E05   0.00 12.2
0.0  2
  371   o 100  40   5.7   5.7  4.6  4.6  -35.9  2  0.00E00 -4.29E05  2301.9  2  0.00E00 -4.29E05   0.00 15.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -27.6  2  0.00E00 -3.30E05  1769.2  2  0.00E00 -3.30E05   0.00 12.0
0.0  2
  372   o 100  40   5.7   5.7  4.6  4.6  -36.2  2  0.00E00 -4.33E05  2321.1  2  0.00E00 -4.33E05   0.00 15.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -25.9  2  0.00E00 -3.10E05  1660.1  2  0.00E00 -3.10E05   0.00 11.2
0.0  2
  373   o 100  40   5.7   5.7  4.6  4.6  -35.9  2  0.00E00 -4.30E05  2303.9  2  0.00E00 -4.30E05   0.00 15.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -23.7  2  0.00E00 -2.83E05  1519.2  2  0.00E00 -2.83E05   0.00 10.3
0.0  2
  374   o 100  40   5.7   5.7  4.6  4.6  -35.3  2  0.00E00 -4.23E05  2265.3  2  0.00E00 -4.23E05   0.00 15.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -21.3  2  0.00E00 -2.55E05  1368.2  2  0.00E00 -2.55E05   0.00  9.3
0.0  2
  375   o 100  40   5.7   5.7  4.6  4.6  -34.5  2  0.00E00 -4.13E05  2213.2  2  0.00E00 -4.13E05   0.00 15.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.0  2  0.00E00 -2.27E05  1218.6  2  0.00E00 -2.27E05   0.00  8.2
0.0  2
  376   o 100  40   5.7   5.7  4.6  4.6  -33.6  2  0.00E00 -4.01E05  2150.6  2  0.00E00 -4.01E05   0.00 14.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.8  2  0.00E00 -2.01E05  1076.2  2  0.00E00 -2.01E05   0.00  7.3
0.0  2
  377   o 100  40   5.7   5.7  4.6  4.6  -32.4  2  0.00E00 -3.88E05  2078.1  2  0.00E00 -3.88E05   0.00 14.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -14.7  2  0.00E00 -1.76E05   943.4  2  0.00E00 -1.76E05   0.00  6.4
0.0  2
  378   o 100  40   5.7   5.7  4.6  4.6  -31.1  2  0.00E00 -3.72E05  1994.8  2  0.00E00 -3.72E05   0.00 13.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -12.8  2  0.00E00 -1.53E05   820.7  2  0.00E00 -1.53E05   0.00  5.6
0.0  2
  379   o 100  40   5.7   5.7  4.6  4.6  -29.9  2  0.00E00 -3.57E05  1914.3  2  0.00E00 -3.57E05   0.00 13.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -11.0  2  0.00E00 -1.32E05   707.2  2  0.00E00 -1.32E05   0.00  4.8
0.0  2
  380   o 100  40   5.7   5.7  4.6  4.6  -29.8  2  0.00E00 -3.57E05  1911.8  2  0.00E00 -3.57E05   0.00 12.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -10.9  2  0.00E00 -1.31E05   701.6  2  0.00E00 -1.31E05   0.00  4.7
0.0  2
  381   o 100  40   5.7   5.7  4.6  4.6  -31.1  2  0.00E00 -3.71E05  1990.3  2  0.00E00 -3.71E05   0.00 13.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -12.7  2  0.00E00 -1.52E05   816.6  2  0.00E00 -1.52E05   0.00  5.5
0.0  2
  382   o 100  40   5.7   5.7  4.6  4.6  -32.4  2  0.00E00 -3.87E05  2075.3  2  0.00E00 -3.87E05   0.00 14.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -14.7  2  0.00E00 -1.76E05   941.1  2  0.00E00 -1.76E05   0.00  6.4
0.0  2
  383   o 100  40   5.7   5.7  4.6  4.6  -33.5  2  0.00E00 -4.01E05  2149.6  2  0.00E00 -4.01E05   0.00 14.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.8  2  0.00E00 -2.01E05  1076.0  2  0.00E00 -2.01E05   0.00  7.3
0.0  2
  384   o 100  40   5.7   5.7  4.6  4.6  -34.5  2  0.00E00 -4.13E05  2214.2  2  0.00E00 -4.13E05   0.00 15.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.1  2  0.00E00 -2.28E05  1220.9  2  0.00E00 -2.28E05   0.00  8.3
0.0  2
  385   o 100  40   5.7   5.7  4.6  4.6  -35.4  2  0.00E00 -4.23E05  2268.5  2  0.00E00 -4.23E05   0.00 15.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -21.4  2  0.00E00 -2.56E05  1373.4  2  0.00E00 -2.56E05   0.00  9.3
0.0  2
  386   o 100  40   5.7   5.7  4.6  4.6  -36.0  2  0.00E00 -4.31E05  2309.3  2  0.00E00 -4.31E05   0.00 15.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -23.8  2  0.00E00 -2.85E05  1527.7  2  0.00E00 -2.85E05   0.00 10.3
0.0  2
  387   o 100  40   5.7   5.7  4.6  4.6  -36.3  2  0.00E00 -4.34E05  2328.9  2  0.00E00 -4.34E05   0.00 15.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -26.1  2  0.00E00 -3.12E05  1672.4  2  0.00E00 -3.12E05   0.00 11.3
0.0  2
  388   o 100  40   5.7   5.7  4.6  4.6  -36.1  2  0.00E00 -4.31E05  2312.0  2  0.00E00 -4.31E05   0.00 15.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -27.9  2  0.00E00 -3.33E05  1785.7  2  0.00E00 -3.33E05   0.00 12.1
0.0  2
  389   o 100  40   5.7   5.7  4.6  4.6  -34.9  2  0.00E00 -4.17E05  2235.2  2  0.00E00 -4.17E05   0.00 15.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -28.5  2  0.00E00 -3.41E05  1828.7  2  0.00E00 -3.41E05   0.00 12.4
0.0  2
  390   o 100  40   5.7   5.7  4.6  4.6  -32.2  2  0.00E00 -3.85E05  2061.6  2  0.00E00 -3.85E05   0.00 13.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -27.0  2  0.00E00 -3.22E05  1728.3  2  0.00E00 -3.22E05   0.00 11.7
0.0  2
  391   o 100  40   5.7   5.7  4.6  4.6  -27.9  2  0.00E00 -3.34E05  1790.8  2  0.00E00 -3.34E05   0.00 12.1
0.0  2
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        v 100  40   5.7   5.7  4.6  4.6  -22.1  2  0.00E00 -2.65E05  1418.3  2  0.00E00 -2.65E05   0.00  9.6
0.0  2
  392   o 100  40   5.7   5.7  4.6  4.6  -23.1  2  0.00E00 -2.77E05  1483.0  2  0.00E00 -2.77E05   0.00 10.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.5  2  0.00E00  2.69E05  1444.0  2  0.00E00  2.69E05   0.00  9.8
0.0  1
  393   o  50  40   3.4   3.4  4.6  4.6  -18.8  2  0.00E00 -1.22E05  1100.3  2  0.00E00 -1.22E05   0.00  8.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -3.2  2  0.00E00 -3.79E04   203.3  2  0.00E00 -3.79E04   0.00  1.4
0.0  2
  394   o  50  40   3.4   3.4  4.6  4.6  -21.5  2  0.00E00 -1.40E05  1257.9  2  0.00E00 -1.40E05   0.00 10.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -3.0  2  0.00E00  3.56E04   190.9  2  0.00E00  3.56E04   0.00  1.3
0.0  2
  395   o 100  40   5.7   5.7  4.6  4.6  -25.8  2  0.00E00 -3.09E05  1654.7  2  0.00E00 -3.09E05   0.00 11.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -13.1  2  0.00E00  1.57E05   840.0  2  0.00E00  1.57E05   0.00  5.7
0.0  2
  396   o 100  40   5.3   5.3  4.6  4.6  -30.5  2  0.00E00 -3.54E05  2013.5  2  0.00E00 -3.54E05   0.00 12.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -25.6  2  0.00E00 -3.06E05  1641.1  2  0.00E00 -3.06E05   0.00 11.1
0.0  2
  397   o 100  40   5.7   5.7  4.6  4.6  -32.2  2  0.00E00 -3.85E05  2065.1  2  0.00E00 -3.85E05   0.00 14.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -28.1  2  0.00E00 -3.36E05  1801.2  2  0.00E00 -3.36E05   0.00 12.2
0.0  2
  398   o 100  40   5.7   5.7  4.6  4.6  -33.0  2  0.00E00 -3.94E05  2114.0  2  0.00E00 -3.94E05   0.00 14.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -28.1  2  0.00E00 -3.36E05  1801.6  2  0.00E00 -3.36E05   0.00 12.2
0.0  2
  399   o 100  40   5.7   5.7  4.6  4.6  -32.4  2  0.00E00 -3.87E05  2076.5  2  0.00E00 -3.87E05   0.00 14.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -26.5  2  0.00E00 -3.17E05  1698.3  2  0.00E00 -3.17E05   0.00 11.5
0.0  2
  400   o 100  40   5.7   5.7  4.6  4.6  -31.2  2  0.00E00 -3.73E05  2001.5  2  0.00E00 -3.73E05   0.00 13.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -24.2  2  0.00E00 -2.90E05  1553.3  2  0.00E00 -2.90E05   0.00 10.5
0.0  2
  401   o 100  40   5.7   5.7  4.6  4.6  -29.8  2  0.00E00 -3.56E05  1910.9  2  0.00E00 -3.56E05   0.00 12.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -21.7  2  0.00E00 -2.60E05  1393.4  2  0.00E00 -2.60E05   0.00  9.4
0.0  2
  402   o 100  40   5.7   5.7  4.6  4.6  -28.3  2  0.00E00 -3.39E05  1815.4  2  0.00E00 -3.39E05   0.00 12.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.2  2  0.00E00 -2.30E05  1232.1  2  0.00E00 -2.30E05   0.00  8.3
0.0  2
  403   o 100  40   5.7   5.7  4.6  4.6  -26.8  2  0.00E00 -3.21E05  1718.5  2  0.00E00 -3.21E05   0.00 11.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.8  2  0.00E00 -2.00E05  1074.8  2  0.00E00 -2.00E05   0.00  7.3
0.0  2
  404   o 100  40   5.7   5.7  4.6  4.6  -25.3  2  0.00E00 -3.02E05  1620.4  2  0.00E00 -3.02E05   0.00 11.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -14.5  2  0.00E00 -1.73E05   926.5  2  0.00E00 -1.73E05   0.00  6.3
0.0  2
  405   o 100  40   5.7   5.7  4.6  4.6  -23.7  2  0.00E00 -2.83E05  1519.7  2  0.00E00 -2.83E05   0.00 10.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -12.3  2  0.00E00 -1.47E05   787.2  2  0.00E00 -1.47E05   0.00  5.3
0.0  2
  406   o 100  40   5.7   5.7  4.6  4.6  -22.1  2  0.00E00 -2.64E05  1414.1  2  0.00E00 -2.64E05   0.00  9.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -10.2  2  0.00E00 -1.22E05   656.2  2  0.00E00 -1.22E05   0.00  4.4
0.0  2
  407   o 100  40   5.7   5.7  4.6  4.6  -20.6  2  0.00E00 -2.46E05  1318.3  2  0.00E00 -2.46E05   0.00  8.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -8.3  2  0.00E00 -9.93E04   532.3  2  0.00E00 -9.93E04   0.00  3.6
0.0  2
  408   o 100  40   5.7   5.7  4.6  4.6  -20.5  2  0.00E00 -2.45E05  1315.2  2  0.00E00 -2.45E05   0.00  8.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -8.2  2  0.00E00 -9.81E04   525.8  2  0.00E00 -9.81E04   0.00  3.6
0.0  2
  409   o 100  40   5.7   5.7  4.6  4.6  -22.0  2  0.00E00 -2.63E05  1408.3  2  0.00E00 -2.63E05   0.00  9.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -10.2  2  0.00E00 -1.21E05   650.9  2  0.00E00 -1.21E05   0.00  4.4
0.0  2
  410   o 100  40   5.7   5.7  4.6  4.6  -23.6  2  0.00E00 -2.83E05  1515.1  2  0.00E00 -2.83E05   0.00 10.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -12.2  2  0.00E00 -1.46E05   783.4  2  0.00E00 -1.46E05   0.00  5.3
0.0  2
  411   o 100  40   5.7   5.7  4.6  4.6  -25.2  2  0.00E00 -3.02E05  1617.2  2  0.00E00 -3.02E05   0.00 10.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -14.4  2  0.00E00 -1.72E05   924.7  2  0.00E00 -1.72E05   0.00  6.3
0.0  2
  412   o 100  40   5.7   5.7  4.6  4.6  -26.8  2  0.00E00 -3.20E05  1717.0  2  0.00E00 -3.20E05   0.00 11.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.8  2  0.00E00 -2.01E05  1075.1  2  0.00E00 -2.01E05   0.00  7.3
0.0  2
  413   o 100  40   5.7   5.7  4.6  4.6  -28.3  2  0.00E00 -3.39E05  1815.9  2  0.00E00 -3.39E05   0.00 12.3
0.0  2
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	v	100	40	5.7	5.7	4.6	4.6	-19.3	2	0.00E00	-2.30E05	1235.0	2	0.00E00	-2.30E05	0.00	8.4
0.0	2																
414	o	100	40	5.7	5.7	4.6	4.6	-29.9	2	0.00E00	-3.57E05	1913.6	2	0.00E00	-3.57E05	0.00	12.9
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-21.8	2	0.00E00	-2.61E05	1399.5	2	0.00E00	-2.61E05	0.00	9.5
0.0	2																
415	o	100	40	5.7	5.7	4.6	4.6	-31.3	2	0.00E00	-3.74E05	2006.8	2	0.00E00	-3.74E05	0.00	13.6
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-24.4	2	0.00E00	-2.92E05	1563.0	2	0.00E00	-2.92E05	0.00	10.6
0.0	2																
416	o	100	40	5.7	5.7	4.6	4.6	-32.5	2	0.00E00	-3.89E05	2084.7	2	0.00E00	-3.89E05	0.00	14.1
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-26.7	2	0.00E00	-3.19E05	1712.0	2	0.00E00	-3.19E05	0.00	11.6
0.0	2																
417	o	100	40	5.7	5.7	4.6	4.6	-33.2	2	0.00E00	-3.96E05	2125.4	2	0.00E00	-3.96E05	0.00	14.4
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-28.4	2	0.00E00	-3.39E05	1819.5	2	0.00E00	-3.39E05	0.00	12.3
0.0	2																
418	o	100	40	5.7	5.7	4.6	4.6	-32.5	2	0.00E00	-3.88E05	2079.9	2	0.00E00	-3.88E05	0.00	14.1
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-28.4	2	0.00E00	-3.40E05	1822.8	2	0.00E00	-3.40E05	0.00	12.3
0.0	2																
419	o	100	40	5.7	5.7	4.6	4.6	-30.0	2	0.00E00	-3.58E05	1919.8	2	0.00E00	-3.58E05	0.00	13.0
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-26.0	2	0.00E00	-3.10E05	1663.3	2	0.00E00	-3.10E05	0.00	11.3
0.0	2																
420	o	100	40	5.7	5.7	4.6	4.6	-26.2	2	0.00E00	-3.13E05	1678.5	2	0.00E00	-3.13E05	0.00	11.4
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-13.2	2	0.00E00	1.58E05	846.5	2	0.00E00	1.58E05	0.00	5.7
0.0	2																
421	o	50	40	3.4	3.4	4.6	4.6	-21.9	2	0.00E00	-1.43E05	1282.8	2	0.00E00	-1.43E05	0.00	10.3
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-3.1	2	0.00E00	3.68E04	197.0	2	0.00E00	3.68E04	0.00	1.3
0.0	2																
422	o	50	40	3.4	3.4	4.6	4.6	-25.0	2	0.00E00	-1.63E05	1465.8	2	0.00E00	-1.63E05	0.00	11.8
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-2.6	2	0.00E00	-3.07E04	164.6	2	0.00E00	-3.07E04	0.00	1.1
0.0	2																
423	o	100	40	5.7	5.7	4.6	4.6	-28.1	2	0.00E00	-3.35E05	1798.2	2	0.00E00	-3.35E05	0.00	12.2
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-15.6	2	0.00E00	-1.87E05	1002.1	2	0.00E00	-1.87E05	0.00	6.8
0.0	2																
424	o	100	40	5.3	5.3	4.6	4.6	-30.5	2	0.00E00	-3.55E05	2014.3	2	0.00E00	-3.55E05	0.00	12.9
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-27.5	2	0.00E00	-3.28E05	1759.4	2	0.00E00	-3.28E05	0.00	11.9
0.0	2																
425	o	100	40	5.7	5.7	4.6	4.6	-29.5	2	0.00E00	-3.52E05	1888.7	2	0.00E00	-3.52E05	0.00	12.8
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-27.3	2	0.00E00	-3.26E05	1747.2	2	0.00E00	-3.26E05	0.00	11.8
0.0	2																
426	o	100	40	5.7	5.7	4.6	4.6	-27.4	2	0.00E00	-3.27E05	1754.7	2	0.00E00	-3.27E05	0.00	11.9
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-25.9	2	0.00E00	-3.10E05	1659.5	2	0.00E00	-3.10E05	0.00	11.2
0.0	2																
427	o	100	40	5.7	5.7	4.6	4.6	-24.8	2	0.00E00	-2.97E05	1590.9	2	0.00E00	-2.97E05	0.00	10.8
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-23.7	2	0.00E00	-2.83E05	1517.3	2	0.00E00	-2.83E05	0.00	10.3
0.0	2																
428	o	100	40	5.7	5.7	4.6	4.6	-22.3	2	0.00E00	-2.66E05	1427.7	2	0.00E00	-2.66E05	0.00	9.7
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-21.2	2	0.00E00	-2.53E05	1356.8	2	0.00E00	-2.53E05	0.00	9.2
0.0	2																
429	o	100	40	5.7	5.7	4.6	4.6	-20.0	2	0.00E00	-2.39E05	1281.1	2	0.00E00	-2.39E05	0.00	8.7
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-18.6	2	0.00E00	-2.23E05	1193.7	2	0.00E00	-2.23E05	0.00	8.1
0.0	2																
430	o	100	40	5.7	5.7	4.6	4.6	-17.9	2	0.00E00	-2.14E05	1145.4	2	0.00E00	-2.14E05	0.00	7.8
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-16.1	2	0.00E00	-1.93E05	1033.5	2	0.00E00	-1.93E05	0.00	7.0
0.0	2																
431	o	100	40	5.7	5.7	4.6	4.6	-15.9	2	0.00E00	-1.90E05	1017.2	2	0.00E00	-1.90E05	0.00	6.9
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-13.1	1	0.00E00	-1.57E05	840.6	1	0.00E00	-1.57E05	0.00	5.7
0.0	1																
432	o	100	40	5.7	5.7	4.6	4.6	-13.9	2	0.00E00	-1.67E05	894.0	2	0.00E00	-1.67E05	0.00	6.0
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-8.2	2	0.00E00	-9.86E04	528.4	2	0.00E00	-9.86E04	0.00	3.6
0.0	2																
433	o	100	40	5.7	5.7	4.6	4.6	-12.1	2	0.00E00	-1.44E05	773.0	2	0.00E00	-1.44E05	0.00	5.2
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-6.9	2	0.00E00	-8.22E04	440.7	2	0.00E00	-8.22E04	0.00	3.0
0.0	2																
434	o	100	40	5.7	5.7	4.6	4.6	-10.2	2	0.00E00	-1.22E05	651.6	2	0.00E00	-1.22E05	0.00	4.4
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-5.6	2	0.00E00	-6.68E04	358.1	2	0.00E00	-6.68E04	0.00	2.4
0.0	2																
435	o	100	40	5.7	5.7	4.6	4.6	-8.5	2	0.00E00	-1.02E05	545.0	2	0.00E00	-1.02E05	0.00	3.7
0.0	2																

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        v 100  40   5.7   5.7  4.6  4.6   -4.4  2  0.00E00 -5.24E04   280.7  2  0.00E00 -5.24E04   0.00  1.9
0.0  2
  436   o 100  40   5.7   5.7  4.6  4.6   -8.4  2  0.00E00 -1.01E05   541.5  2  0.00E00 -1.01E05   0.00  3.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -4.3  2  0.00E00 -5.16E04   276.6  2  0.00E00 -5.16E04   0.00  1.9
0.0  2
  437   o 100  40   5.7   5.7  4.6  4.6  -10.1  2  0.00E00 -1.20E05   644.6  2  0.00E00 -1.20E05   0.00  4.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -5.5  2  0.00E00 -6.62E04   354.7  2  0.00E00 -6.62E04   0.00  2.4
0.0  2
  438   o 100  40   5.7   5.7  4.6  4.6  -12.0  2  0.00E00 -1.43E05   766.6  2  0.00E00 -1.43E05   0.00  5.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -6.8  2  0.00E00 -8.17E04   438.1  2  0.00E00 -8.17E04   0.00  3.0
0.0  2
  439   o 100  40   5.7   5.7  4.6  4.6  -13.9  2  0.00E00 -1.66E05   888.4  2  0.00E00 -1.66E05   0.00  6.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -10.9  1  0.00E00 -1.30E05   697.1  1  0.00E00 -1.30E05   0.00  4.7
0.0  1
  440   o 100  40   5.7   5.7  4.6  4.6  -15.8  2  0.00E00 -1.89E05  1012.7  2  0.00E00 -1.89E05   0.00  6.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -13.1  1  0.00E00 -1.57E05   839.1  1  0.00E00 -1.57E05   0.00  5.7
0.0  1
  441   o 100  40   5.7   5.7  4.6  4.6  -17.8  2  0.00E00 -2.13E05  1142.4  2  0.00E00 -2.13E05   0.00  7.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.1  2  0.00E00 -1.93E05  1034.3  2  0.00E00 -1.93E05   0.00  7.0
0.0  2
  442   o 100  40   5.7   5.7  4.6  4.6  -20.0  2  0.00E00 -2.39E05  1280.0  2  0.00E00 -2.39E05   0.00  8.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.7  2  0.00E00 -2.23E05  1197.2  2  0.00E00 -2.23E05   0.00  8.1
0.0  2
  443   o 100  40   5.7   5.7  4.6  4.6  -22.3  2  0.00E00 -2.67E05  1429.2  2  0.00E00 -2.67E05   0.00  9.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -21.3  2  0.00E00 -2.54E05  1363.5  2  0.00E00 -2.54E05   0.00  9.2
0.0  2
  444   o 100  40   5.7   5.7  4.6  4.6  -24.9  2  0.00E00 -2.98E05  1595.6  2  0.00E00 -2.98E05   0.00 10.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -23.8  2  0.00E00 -2.85E05  1527.4  2  0.00E00 -2.85E05   0.00 10.3
0.0  2
  445   o 100  40   5.7   5.7  4.6  4.6  -27.5  2  0.00E00 -3.29E05  1763.5  2  0.00E00 -3.29E05   0.00 11.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -26.1  2  0.00E00 -3.12E05  1673.2  2  0.00E00 -3.12E05   0.00 11.3
0.0  2
  446   o 100  40   5.7   5.7  4.6  4.6  -29.7  2  0.00E00 -3.55E05  1903.2  2  0.00E00 -3.55E05   0.00 12.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -27.5  2  0.00E00 -3.29E05  1762.2  2  0.00E00 -3.29E05   0.00 11.9
0.0  2
  447   o 100  40   5.7   5.7  4.6  4.6  -30.0  2  0.00E00 -3.59E05  1923.1  2  0.00E00 -3.59E05   0.00 13.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -27.7  2  0.00E00 -3.31E05  1774.6  2  0.00E00 -3.31E05   0.00 12.0
0.0  2
  448   o 100  40   5.7   5.7  4.6  4.6  -28.6  2  0.00E00 -3.42E05  1833.1  2  0.00E00 -3.42E05   0.00 12.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -15.7  2  0.00E00 -1.88E05  1006.5  2  0.00E00 -1.88E05   0.00  6.8
0.0  2
  449   o  50  40   3.4   3.4  4.6  4.6  -25.5  2  0.00E00 -1.66E05  1493.4  2  0.00E00 -1.66E05   0.00 12.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -2.6  2  0.00E00 -3.14E04   168.4  2  0.00E00 -3.14E04   0.00  1.1
0.0  2
  450   o  50  40   3.4   3.4  4.6  4.6  -25.3  2  0.00E00 -1.65E05  1485.2  2  0.00E00 -1.65E05   0.00 11.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -3.7  2  0.00E00  4.46E04   238.8  2  0.00E00  4.46E04   0.00  1.6
0.0  2
  451   o 100  40   5.7   5.7  4.6  4.6  -27.2  2  0.00E00 -3.25E05  1744.1  2  0.00E00 -3.25E05   0.00 11.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -25.5  2  0.00E00 -3.05E05  1634.8  2  0.00E00 -3.05E05   0.00 11.1
0.0  2
  452   o 100  40   5.3   5.3  4.6  4.6  -25.6  2  0.00E00 -2.98E05  1690.9  2  0.00E00 -2.98E05   0.00 10.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -27.2  2  0.00E00 -3.25E05  1741.7  2  0.00E00 -3.25E05   0.00 11.8
0.0  2
  453   o 100  40   5.7   5.7  4.6  4.6  -13.8  2  0.00E00 -1.65E05   884.3  2  0.00E00 -1.65E05   0.00  6.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -25.2  2  0.00E00 -3.02E05  1616.6  2  0.00E00 -3.02E05   0.00 10.9
0.0  2
  454   o 100  40   5.7   5.7  4.6  4.6  -14.8  2  0.00E00  1.76E05   945.9  2  0.00E00  1.76E05   0.00  6.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.8  2  0.00E00 -2.72E05  1459.0  2  0.00E00 -2.72E05   0.00  9.9
0.0  2
  455   o 100  40   5.7   5.7  4.6  4.6  -23.7  2  0.00E00  2.83E05  1517.9  2  0.00E00  2.83E05   0.00 10.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -20.4  2  0.00E00 -2.43E05  1304.8  2  0.00E00 -2.43E05   0.00  8.8
0.0  2
  456   o 100  40   5.7   5.7  4.6  4.6  -23.4  2  0.00E00  2.80E05  1499.1  2  0.00E00  2.80E05   0.00 10.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -12.3  2  0.00E00 -1.47E05   787.6  2  0.00E00 -1.47E05   0.00  5.3
0.0  2
  457   o 100  40   5.7   5.7  4.6  4.6  -22.0  2  0.00E00  2.63E05  1411.7  2  0.00E00  2.63E05   0.00  9.6
0.0  1
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	v	100	40	5.7	5.7	4.6	4.6	-10.6	2	0.00E00	-1.26E05	677.2	2	0.00E00	-1.26E05	0.00	4.6
0.0	2																
458	o	100	40	5.7	5.7	4.6	4.6	-20.1	2	0.00E00	2.40E05	1289.2	2	0.00E00	2.40E05	0.00	8.7
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-8.9	2	0.00E00	-1.07E05	573.1	2	0.00E00	-1.07E05	0.00	3.9
0.0	2																
459	o	100	40	5.7	5.7	4.6	4.6	-18.0	2	0.00E00	2.15E05	1150.9	2	0.00E00	2.15E05	0.00	7.8
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-7.1	1	0.00E00	-8.48E04	454.8	1	0.00E00	-8.48E04	0.00	3.1
0.0	1																
460	o	100	40	5.7	5.7	4.6	4.6	-15.7	2	0.00E00	1.88E05	1007.8	2	0.00E00	1.88E05	0.00	6.8
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-5.3	2	0.00E00	6.35E04	340.4	2	0.00E00	6.35E04	0.00	2.3
0.0	2																
461	o	100	40	5.7	5.7	4.6	4.6	-13.5	2	0.00E00	1.61E05	864.2	2	0.00E00	1.61E05	0.00	5.8
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-4.0	2	0.00E00	4.76E04	254.9	2	0.00E00	4.76E04	0.00	1.7
0.0	2																
462	o	100	40	5.7	5.7	4.6	4.6	-11.3	2	0.00E00	1.35E05	723.4	2	0.00E00	1.35E05	0.00	4.9
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-2.7	2	0.00E00	3.19E04	170.8	2	0.00E00	3.19E04	0.00	1.2
0.0	2																
463	o	100	40	5.7	5.7	4.6	4.6	-9.4	2	0.00E00	1.13E05	605.5	2	0.00E00	1.13E05	0.00	4.1
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-1.4	2	0.00E00	1.67E04	89.4	2	0.00E00	1.67E04	0.00	0.6
0.0	2																
464	o	100	40	5.7	5.7	4.6	4.6	-9.4	2	0.00E00	1.12E05	602.4	2	0.00E00	1.12E05	0.00	4.1
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-1.3	2	0.00E00	1.59E04	85.5	2	0.00E00	1.59E04	0.00	0.6
0.0	2																
465	o	100	40	5.7	5.7	4.6	4.6	-11.2	2	0.00E00	1.34E05	718.1	2	0.00E00	1.34E05	0.00	4.9
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-2.6	2	0.00E00	3.11E04	166.8	2	0.00E00	3.11E04	0.00	1.1
0.0	2																
466	o	100	40	5.7	5.7	4.6	4.6	-13.4	2	0.00E00	1.60E05	860.2	2	0.00E00	1.60E05	0.00	5.8
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-3.9	2	0.00E00	4.68E04	251.1	2	0.00E00	4.68E04	0.00	1.7
0.0	2																
467	o	100	40	5.7	5.7	4.6	4.6	-15.7	2	0.00E00	1.88E05	1005.3	2	0.00E00	1.88E05	0.00	6.8
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-5.7	1	0.00E00	-6.76E04	362.4	1	0.00E00	-6.76E04	0.00	2.5
0.0	1																
468	o	100	40	5.7	5.7	4.6	4.6	-17.9	2	0.00E00	2.15E05	1150.1	2	0.00E00	2.15E05	0.00	7.8
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-7.1	1	0.00E00	-8.46E04	453.4	1	0.00E00	-8.46E04	0.00	3.1
0.0	1																
469	o	100	40	5.7	5.7	4.6	4.6	-20.1	2	0.00E00	2.41E05	1290.1	2	0.00E00	2.41E05	0.00	8.7
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-8.9	2	0.00E00	-1.07E05	572.9	2	0.00E00	-1.07E05	0.00	3.9
0.0	2																
470	o	100	40	5.7	5.7	4.6	4.6	-22.1	2	0.00E00	2.64E05	1414.5	2	0.00E00	2.64E05	0.00	9.6
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-10.6	2	0.00E00	-1.27E05	678.7	2	0.00E00	-1.27E05	0.00	4.6
0.0	2																
471	o	100	40	5.7	5.7	4.6	4.6	-23.5	2	0.00E00	2.80E05	1503.4	2	0.00E00	2.80E05	0.00	10.2
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-12.3	2	0.00E00	-1.48E05	791.1	2	0.00E00	-1.48E05	0.00	5.4
0.0	2																
472	o	100	40	5.7	5.7	4.6	4.6	-23.8	2	0.00E00	2.84E05	1523.0	2	0.00E00	2.84E05	0.00	10.3
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-20.5	2	0.00E00	-2.45E05	1311.6	2	0.00E00	-2.45E05	0.00	8.9
0.0	2																
473	o	100	40	5.7	5.7	4.6	4.6	-14.8	2	0.00E00	1.77E05	948.9	2	0.00E00	1.77E05	0.00	6.4
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-22.9	2	0.00E00	-2.74E05	1468.4	2	0.00E00	-2.74E05	0.00	9.9
0.0	2																
474	o	100	40	5.7	5.7	4.6	4.6	-13.9	2	0.00E00	-1.66E05	891.8	2	0.00E00	-1.66E05	0.00	6.0
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-25.4	2	0.00E00	-3.03E05	1626.4	2	0.00E00	-3.03E05	0.00	11.0
0.0	2																
475	o	100	40	5.7	5.7	4.6	4.6	-25.2	2	0.00E00	-3.01E05	1614.7	2	0.00E00	-3.01E05	0.00	10.9
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-27.3	2	0.00E00	-3.26E05	1749.2	2	0.00E00	-3.26E05	0.00	11.8
0.0	2																
476	o	100	40	5.7	5.7	4.6	4.6	-27.8	2	0.00E00	-3.32E05	1780.2	2	0.00E00	-3.32E05	0.00	12.0
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-25.5	2	0.00E00	-3.05E05	1633.6	2	0.00E00	-3.05E05	0.00	11.1
0.0	2																
477	o	50	40	3.4	3.4	4.6	4.6	-26.0	2	0.00E00	-1.69E05	1521.0	2	0.00E00	-1.69E05	0.00	12.2
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-3.8	2	0.00E00	4.53E04	242.9	2	0.00E00	4.53E04	0.00	1.6
0.0	2																
478	o	60	40	3.4	3.4	4.6	4.6	-6.8	2	0.00E00	4.85E04	433.5	2	0.00E00	4.85E04	0.00	2.9
0.0	1																
	v	50	40	3.4	3.4	4.6	4.6	-6.1	2	0.00E00	3.97E04	356.8	2	0.00E00	3.97E04	0.00	2.9
0.0	1																
479	o	100	40	5.7	5.7	4.6	4.6	-3.8	2	0.00E00	4.55E04	243.8	2	0.00E00	4.55E04	0.00	1.6
0.0	2																

	v	50	40	3.4	3.4	4.6	4.6	-23.9	2	0.00E00	-1.56E05	1402.5	2	0.00E00	-1.56E05	0.00	11.2
0.0	2																
480	o	100	40	5.3	5.3	4.6	4.6	-9.5	2	0.00E00	-1.11E05	628.9	2	0.00E00	-1.11E05	0.00	4.0
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-24.8	2	0.00E00	-1.62E05	1455.0	2	0.00E00	-1.62E05	0.00	11.7
0.0	2																
481	o	100	40	5.7	5.7	4.6	4.6	-15.7	2	0.00E00	-1.88E05	1006.0	2	0.00E00	-1.88E05	0.00	6.8
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-22.4	2	0.00E00	-1.46E05	1310.5	2	0.00E00	-1.46E05	0.00	10.5
0.0	2																
482	o	100	40	5.7	5.7	4.6	4.6	-17.0	2	0.00E00	-2.03E05	1090.4	2	0.00E00	-2.03E05	0.00	7.4
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-19.4	2	0.00E00	-1.27E05	1139.4	2	0.00E00	-1.27E05	0.00	9.1
0.0	2																
483	o	100	40	5.7	5.7	4.6	4.6	-16.8	2	0.00E00	-2.01E05	1076.2	2	0.00E00	-2.01E05	0.00	7.3
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-17.0	2	0.00E00	-1.11E05	997.6	2	0.00E00	-1.11E05	0.00	8.0
0.0	2																
484	o	100	40	5.7	5.7	4.6	4.6	-15.6	2	0.00E00	-1.86E05	998.9	2	0.00E00	-1.86E05	0.00	6.8
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-4.6	2	0.00E00	2.98E04	267.8	2	0.00E00	2.98E04	0.00	2.1
0.0	2																
485	o	100	40	5.7	5.7	4.6	4.6	-13.8	2	0.00E00	-1.65E05	886.5	2	0.00E00	-1.65E05	0.00	6.0
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-4.6	2	0.00E00	2.97E04	267.1	2	0.00E00	2.97E04	0.00	2.1
0.0	2																
486	o	100	40	5.7	5.7	4.6	4.6	-11.8	2	0.00E00	-1.41E05	756.5	2	0.00E00	-1.41E05	0.00	5.1
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-4.2	2	0.00E00	2.76E04	248.3	2	0.00E00	2.76E04	0.00	2.0
0.0	2																
487	o	100	40	5.7	5.7	4.6	4.6	-9.7	2	0.00E00	-1.15E05	618.9	2	0.00E00	-1.15E05	0.00	4.2
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-10.6	2	0.00E00	6.88E04	618.7	2	0.00E00	6.88E04	0.00	5.0
0.0	1																
488	o	100	40	5.7	5.7	4.6	4.6	-5.2	2	0.00E00	-6.27E04	336.1	2	0.00E00	-6.27E04	0.00	2.3
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-8.6	2	0.00E00	5.60E04	503.3	2	0.00E00	5.60E04	0.00	4.0
0.0	1																
489	o	100	40	5.7	5.7	4.6	4.6	-2.8	2	0.00E00	3.30E04	176.9	2	0.00E00	3.30E04	0.00	1.2
0.0	3																
	v	50	40	3.4	3.4	4.6	4.6	-6.6	2	0.00E00	4.30E04	386.5	2	0.00E00	4.30E04	0.00	3.1
0.0	1																
490	o	100	40	5.7	5.7	4.6	4.6	-3.2	2	0.00E00	3.83E04	205.4	2	0.00E00	3.83E04	0.00	1.4
0.0	3																
	v	50	40	3.4	3.4	4.6	4.6	-4.6	2	0.00E00	3.01E04	270.7	2	0.00E00	3.01E04	0.00	2.2
0.0	1																
491	o	100	40	5.7	5.7	4.6	4.6	-1.4	2	0.00E00	1.67E04	89.5	2	0.00E00	1.67E04	0.00	0.6
0.0	1																
	v	50	40	3.4	3.4	4.6	4.6	-2.7	2	0.00E00	1.75E04	156.9	2	0.00E00	1.75E04	0.00	1.3
0.0	1																
492	o	100	40	5.7	5.7	4.6	4.6	-1.3	2	0.00E00	1.61E04	86.3	2	0.00E00	1.61E04	0.00	0.6
0.0	1																
	v	50	40	3.4	3.4	4.6	4.6	-2.6	2	0.00E00	1.68E04	151.3	2	0.00E00	1.68E04	0.00	1.2
0.0	1																
493	o	100	40	5.7	5.7	4.6	4.6	-3.1	2	0.00E00	3.71E04	199.1	2	0.00E00	3.71E04	0.00	1.3
0.0	1																
	v	50	40	3.4	3.4	4.6	4.6	-4.5	2	0.00E00	2.95E04	265.3	2	0.00E00	2.95E04	0.00	2.1
0.0	1																
494	o	100	40	5.7	5.7	4.6	4.6	-2.7	2	0.00E00	3.23E04	173.2	2	0.00E00	3.23E04	0.00	1.2
0.0	1																
	v	50	40	3.4	3.4	4.6	4.6	-6.5	2	0.00E00	4.24E04	381.5	2	0.00E00	4.24E04	0.00	3.1
0.0	1																
495	o	100	40	5.7	5.7	4.6	4.6	-5.2	2	0.00E00	-6.22E04	333.2	2	0.00E00	-6.22E04	0.00	2.3
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-8.5	2	0.00E00	5.55E04	498.8	2	0.00E00	5.55E04	0.00	4.0
0.0	1																
496	o	100	40	5.7	5.7	4.6	4.6	-9.6	2	0.00E00	-1.15E05	614.8	2	0.00E00	-1.15E05	0.00	4.2
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-10.5	2	0.00E00	6.84E04	614.9	2	0.00E00	6.84E04	0.00	4.9
0.0	1																
497	o	100	40	5.7	5.7	4.6	4.6	-11.8	2	0.00E00	-1.41E05	753.6	2	0.00E00	-1.41E05	0.00	5.1
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-4.2	2	0.00E00	2.75E04	247.3	2	0.00E00	2.75E04	0.00	2.0
0.0	2																
498	o	100	40	5.7	5.7	4.6	4.6	-13.8	2	0.00E00	-1.65E05	884.9	2	0.00E00	-1.65E05	0.00	6.0
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-4.5	2	0.00E00	2.96E04	266.1	2	0.00E00	2.96E04	0.00	2.1
0.0	2																
499	o	100	40	5.7	5.7	4.6	4.6	-15.6	2	0.00E00	-1.86E05	998.5	2	0.00E00	-1.86E05	0.00	6.8
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-4.5	2	0.00E00	2.97E04	266.6	2	0.00E00	2.97E04	0.00	2.1
0.0	2																
500	o	100	40	5.7	5.7	4.6	4.6	-16.8	2	0.00E00	-2.01E05	1076.8	2	0.00E00	-2.01E05	0.00	7.3
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-17.1	2	0.00E00	-1.11E05	1001.8	2	0.00E00	-1.11E05	0.00	8.0
0.0	2																
501	o	100	40	5.7	5.7	4.6	4.6	-17.0	2	0.00E00	-2.04E05	1091.2	2	0.00E00	-2.04E05	0.00	7.4
0.0	2																

	v	50	40	3.4	3.4	4.6	4.6	-19.5	2	0.00E00	-1.27E05	1145.2	2	0.00E00	-1.27E05	0.00	9.2
0.0	2																
502	o	100	40	5.7	5.7	4.6	4.6	-15.7	2	0.00E00	-1.88E05	1005.9	2	0.00E00	-1.88E05	0.00	6.8
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-22.5	2	0.00E00	-1.47E05	1317.0	2	0.00E00	-1.47E05	0.00	10.6
0.0	2																
503	o	100	40	5.7	5.7	4.6	4.6	-9.2	2	0.00E00	-1.10E05	592.3	2	0.00E00	-1.10E05	0.00	4.0
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-24.9	2	0.00E00	-1.62E05	1458.3	2	0.00E00	-1.62E05	0.00	11.7
0.0	2																
504	o	100	40	5.7	5.7	4.6	4.6	-3.9	2	0.00E00	4.64E04	248.9	2	0.00E00	4.64E04	0.00	1.7
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-23.8	2	0.00E00	-1.55E05	1393.3	2	0.00E00	-1.55E05	0.00	11.2
0.0	2																
505	o	60	40	3.4	3.4	4.6	4.6	-6.8	2	0.00E00	4.86E04	434.6	2	0.00E00	4.86E04	0.00	2.9
0.0	1																
	v	50	40	3.4	3.4	4.6	4.6	-6.1	2	0.00E00	3.98E04	357.9	2	0.00E00	3.98E04	0.00	2.9
0.0	1																

Combinazione frequente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	st
Sm(mm)	c																
2	o	60	40	3.4	3.4	4.6	4.6	-6.5	2	0.00E00	4.63E04	413.4	2	0.00E00	4.63E04	0.00	2.8
0.0	1																
	v	50	40	3.4	3.4	4.6	4.6	-5.8	2	0.00E00	3.78E04	340.0	2	0.00E00	3.78E04	0.00	2.7
0.0	1																
3	o	100	40	5.7	5.7	4.6	4.6	-3.6	2	0.00E00	4.34E04	232.5	2	0.00E00	4.34E04	0.00	1.6
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-23.9	2	0.00E00	-1.56E05	1398.4	2	0.00E00	-1.56E05	0.00	11.2
0.0	2																
4	o	100	40	5.3	5.3	4.6	4.6	-9.6	2	0.00E00	-1.12E05	634.2	2	0.00E00	-1.12E05	0.00	4.1
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-24.5	2	0.00E00	-1.60E05	1435.3	2	0.00E00	-1.60E05	0.00	11.5
0.0	2																
5	o	100	40	5.7	5.7	4.6	4.6	-15.7	2	0.00E00	-1.88E05	1008.7	2	0.00E00	-1.88E05	0.00	6.8
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-22.0	2	0.00E00	-1.43E05	1286.6	2	0.00E00	-1.43E05	0.00	10.3
0.0	2																
6	o	100	40	5.7	5.7	4.6	4.6	-16.9	2	0.00E00	-2.02E05	1085.1	2	0.00E00	-2.02E05	0.00	7.3
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-19.1	2	0.00E00	-1.24E05	1118.3	2	0.00E00	-1.24E05	0.00	9.0
0.0	2																
7	o	100	40	5.7	5.7	4.6	4.6	-16.6	2	0.00E00	-1.98E05	1063.1	2	0.00E00	-1.98E05	0.00	7.2
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-16.8	2	0.00E00	-1.09E05	984.2	2	0.00E00	-1.09E05	0.00	7.9
0.0	2																
8	o	100	40	5.7	5.7	4.6	4.6	-15.3	2	0.00E00	-1.83E05	980.7	2	0.00E00	-1.83E05	0.00	6.6
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-4.1	2	0.00E00	2.67E04	240.2	2	0.00E00	2.67E04	0.00	1.9
0.0	2																
9	o	100	40	5.7	5.7	4.6	4.6	-13.5	2	0.00E00	-1.62E05	866.2	2	0.00E00	-1.62E05	0.00	5.9
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-4.0	2	0.00E00	2.62E04	235.5	2	0.00E00	2.62E04	0.00	1.9
0.0	2																
10	o	100	40	5.7	5.7	4.6	4.6	-11.5	2	0.00E00	-1.37E05	736.1	2	0.00E00	-1.37E05	0.00	5.0
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-3.7	2	0.00E00	2.40E04	216.0	2	0.00E00	2.40E04	0.00	1.7
0.0	2																
11	o	100	40	5.7	5.7	4.6	4.6	-6.5	2	0.00E00	-7.76E04	416.0	2	0.00E00	-7.76E04	0.00	2.8
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-3.2	2	0.00E00	2.10E04	188.9	2	0.00E00	2.10E04	0.00	1.5
0.0	2																
12	o	100	40	5.7	5.7	4.6	4.6	-2.0	2	0.00E00	-2.43E04	130.2	2	0.00E00	-2.43E04	0.00	0.9
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-7.1	2	0.00E00	4.63E04	416.3	2	0.00E00	4.63E04	0.00	3.3
0.0	2																
13	o	100	40	5.7	5.7	4.6	4.6	-1.2	2	0.00E00	-1.46E04	78.2	2	0.00E00	-1.46E04	0.00	0.5
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-5.2	2	0.00E00	3.38E04	303.4	2	0.00E00	3.38E04	0.00	2.4
0.0	2																
14	o	100	40	5.7	5.7	4.6	4.6	-1.5	2	0.00E00	1.77E04	94.7	2	0.00E00	1.77E04	0.00	0.6
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-3.3	2	0.00E00	2.14E04	191.9	2	0.00E00	2.14E04	0.00	1.5
0.0	1																
15	o	100	40	5.7	5.7	4.6	4.6	-1.3	2	0.00E00	1.61E04	86.3	2	0.00E00	1.61E04	0.00	0.6
0.0	1																
	v	50	40	3.4	3.4	4.6	4.6	-1.2	2	0.00E00	7.51E03	67.5	2	0.00E00	7.51E03	0.00	0.5
0.0	1																
16	o	100	40	5.7	5.7	4.6	4.6	-1.3	2	0.00E00	1.55E04	83.3	2	0.00E00	1.55E04	0.00	0.6
0.0	1																
	v	50	40	3.4	3.4	4.6	4.6	-1.1	2	0.00E00	7.36E03	66.2	2	0.00E00	7.36E03	0.00	0.5
0.0	1																
17	o	100	40	5.7	5.7	4.6	4.6	-3.0	2	0.00E00	3.59E04	192.2	2	0.00E00	3.59E04	0.00	1.3
0.0	1																
	v	50	40	3.4	3.4	4.6	4.6	-1.6	2	0.00E00	1.05E04	94.8	2	0.00E00	1.05E04	0.00	0.8
0.0	1																
18	o	100	40	5.7	5.7	4.6	4.6	-2.7	2	0.00E00	3.25E04	174.0	2	0.00E00	3.25E04	0.00	1.2
0.0	2																

	v	50	40	3.4	3.4	4.6	4.6	-2.1	2	0.00E00	1.40E04	125.7	2	0.00E00	1.40E04	0.00	1.0
0.0	2																
19	o	100	40	5.7	5.7	4.6	4.6	-2.0	2	0.00E00	-2.34E04	125.6	2	0.00E00	-2.34E04	0.00	0.9
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-2.7	2	0.00E00	1.75E04	157.1	2	0.00E00	1.75E04	0.00	1.3
0.0	2																
20	o	100	40	5.7	5.7	4.6	4.6	-6.5	2	0.00E00	-7.71E04	413.6	2	0.00E00	-7.71E04	0.00	2.8
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-3.2	2	0.00E00	2.09E04	187.7	2	0.00E00	2.09E04	0.00	1.5
0.0	2																
21	o	100	40	5.7	5.7	4.6	4.6	-11.4	2	0.00E00	-1.37E05	733.0	2	0.00E00	-1.37E05	0.00	5.0
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-3.7	2	0.00E00	2.39E04	215.0	2	0.00E00	2.39E04	0.00	1.7
0.0	2																
22	o	100	40	5.7	5.7	4.6	4.6	-13.5	2	0.00E00	-1.61E05	864.4	2	0.00E00	-1.61E05	0.00	5.8
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-4.0	2	0.00E00	2.61E04	234.6	2	0.00E00	2.61E04	0.00	1.9
0.0	2																
23	o	100	40	5.7	5.7	4.6	4.6	-15.3	2	0.00E00	-1.83E05	980.2	2	0.00E00	-1.83E05	0.00	6.6
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-4.1	2	0.00E00	2.66E04	239.1	2	0.00E00	2.66E04	0.00	1.9
0.0	2																
24	o	100	40	5.7	5.7	4.6	4.6	-16.6	2	0.00E00	-1.98E05	1063.6	2	0.00E00	-1.98E05	0.00	7.2
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-16.9	2	0.00E00	-1.10E05	988.2	2	0.00E00	-1.10E05	0.00	7.9
0.0	2																
25	o	100	40	5.7	5.7	4.6	4.6	-16.9	2	0.00E00	-2.03E05	1086.0	2	0.00E00	-2.03E05	0.00	7.3
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-19.2	2	0.00E00	-1.25E05	1123.9	2	0.00E00	-1.25E05	0.00	9.0
0.0	2																
26	o	100	40	5.7	5.7	4.6	4.6	-15.7	2	0.00E00	-1.88E05	1008.8	2	0.00E00	-1.88E05	0.00	6.8
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-22.1	2	0.00E00	-1.44E05	1292.9	2	0.00E00	-1.44E05	0.00	10.4
0.0	2																
27	o	100	40	5.7	5.7	4.6	4.6	-9.3	2	0.00E00	-1.11E05	597.5	2	0.00E00	-1.11E05	0.00	4.0
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-24.6	2	0.00E00	-1.60E05	1438.7	2	0.00E00	-1.60E05	0.00	11.5
0.0	2																
28	o	100	40	5.7	5.7	4.6	4.6	-3.7	2	0.00E00	4.42E04	237.1	2	0.00E00	4.42E04	0.00	1.6
0.0	2																
	v	50	40	3.4	3.4	4.6	4.6	-23.7	2	0.00E00	-1.55E05	1389.9	2	0.00E00	-1.55E05	0.00	11.1
0.0	2																
29	o	60	40	3.4	3.4	4.6	4.6	-6.5	2	0.00E00	4.63E04	413.9	2	0.00E00	4.63E04	0.00	2.8
0.0	1																
	v	50	40	3.4	3.4	4.6	4.6	-5.8	2	0.00E00	3.79E04	340.6	2	0.00E00	3.79E04	0.00	2.7
0.0	1																
30	o	50	40	3.4	3.4	4.6	4.6	-23.8	2	0.00E00	-1.55E05	1395.6	2	0.00E00	-1.55E05	0.00	11.2
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-3.7	2	0.00E00	4.36E04	233.9	2	0.00E00	4.36E04	0.00	1.6
0.0	2																
31	o	100	40	5.7	5.7	4.6	4.6	-25.8	2	0.00E00	-3.08E05	1652.2	2	0.00E00	-3.08E05	0.00	11.2
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-25.2	2	0.00E00	-3.01E05	1614.0	2	0.00E00	-3.01E05	0.00	10.9
0.0	2																
32	o	100	40	5.3	5.3	4.6	4.6	-24.6	2	0.00E00	-2.85E05	1621.3	2	0.00E00	-2.85E05	0.00	10.4
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-26.8	2	0.00E00	-3.21E05	1718.1	2	0.00E00	-3.21E05	0.00	11.6
0.0	2																
33	o	100	40	5.7	5.7	4.6	4.6	-13.3	2	0.00E00	-1.59E05	855.0	2	0.00E00	-1.59E05	0.00	5.8
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-24.8	2	0.00E00	-2.96E05	1586.8	2	0.00E00	-2.96E05	0.00	10.7
0.0	2																
34	o	100	40	5.7	5.7	4.6	4.6	-14.2	2	0.00E00	1.70E05	911.2	2	0.00E00	1.70E05	0.00	6.2
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-22.3	2	0.00E00	-2.67E05	1428.8	2	0.00E00	-2.67E05	0.00	9.7
0.0	2																
35	o	100	40	5.7	5.7	4.6	4.6	-22.7	2	0.00E00	2.71E05	1453.0	2	0.00E00	2.71E05	0.00	9.8
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-19.9	2	0.00E00	-2.38E05	1276.4	2	0.00E00	-2.38E05	0.00	8.6
0.0	2																
36	o	100	40	5.7	5.7	4.6	4.6	-22.2	2	0.00E00	2.65E05	1420.8	2	0.00E00	2.65E05	0.00	9.6
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-11.8	2	0.00E00	-1.41E05	756.5	2	0.00E00	-1.41E05	0.00	5.1
0.0	2																
37	o	100	40	5.7	5.7	4.6	4.6	-20.7	2	0.00E00	2.47E05	1326.6	2	0.00E00	2.47E05	0.00	9.0
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-10.2	2	0.00E00	-1.22E05	652.0	2	0.00E00	-1.22E05	0.00	4.4
0.0	2																
38	o	100	40	5.7	5.7	4.6	4.6	-18.8	2	0.00E00	2.24E05	1201.9	2	0.00E00	2.24E05	0.00	8.1
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-8.6	2	0.00E00	-1.03E05	553.1	2	0.00E00	-1.03E05	0.00	3.7
0.0	2																
39	o	100	40	5.7	5.7	4.6	4.6	-16.6	2	0.00E00	1.99E05	1064.9	2	0.00E00	1.99E05	0.00	7.2
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-7.2	2	0.00E00	-8.56E04	458.7	2	0.00E00	-8.56E04	0.00	3.1
0.0	2																
40	o	100	40	5.7	5.7	4.6	4.6	-14.4	2	0.00E00	1.72E05	924.1	2	0.00E00	1.72E05	0.00	6.3
0.0	1																

	v	100	40	5.7	5.7	4.6	4.6	-5.8	2	0.00E00	-6.88E04	368.8	2	0.00E00	-6.88E04	0.00	2.5	0.0	2
41	o	100	40	5.7	5.7	4.6	4.6	-12.2	2	0.00E00	1.46E05	784.0	2	0.00E00	1.46E05	0.00	5.3	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-4.4	2	0.00E00	-5.27E04	282.4	2	0.00E00	-5.27E04	0.00	1.9	0.0	2
42	o	100	40	5.7	5.7	4.6	4.6	-10.1	2	0.00E00	1.21E05	647.2	2	0.00E00	1.21E05	0.00	4.4	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-3.1	2	0.00E00	-3.71E04	199.1	2	0.00E00	-3.71E04	0.00	1.3	0.0	2
43	o	100	40	5.7	5.7	4.6	4.6	-8.3	2	0.00E00	9.94E04	533.0	2	0.00E00	9.94E04	0.00	3.6	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-1.8	2	0.00E00	-2.21E04	118.5	2	0.00E00	-2.21E04	0.00	0.8	0.0	2
44	o	100	40	5.7	5.7	4.6	4.6	-8.3	2	0.00E00	9.88E04	529.8	2	0.00E00	9.88E04	0.00	3.6	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-1.8	2	0.00E00	-2.12E04	113.9	2	0.00E00	-2.12E04	0.00	0.8	0.0	2
45	o	100	40	5.7	5.7	4.6	4.6	-10.0	2	0.00E00	1.20E05	641.6	2	0.00E00	1.20E05	0.00	4.3	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-3.0	2	0.00E00	-3.64E04	194.9	2	0.00E00	-3.64E04	0.00	1.3	0.0	2
46	o	100	40	5.7	5.7	4.6	4.6	-12.2	2	0.00E00	1.45E05	779.5	2	0.00E00	1.45E05	0.00	5.3	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-4.3	2	0.00E00	-5.20E04	278.8	2	0.00E00	-5.20E04	0.00	1.9	0.0	2
47	o	100	40	5.7	5.7	4.6	4.6	-14.4	2	0.00E00	1.72E05	921.1	2	0.00E00	1.72E05	0.00	6.2	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-5.7	2	0.00E00	-6.83E04	366.0	2	0.00E00	-6.83E04	0.00	2.5	0.0	2
48	o	100	40	5.7	5.7	4.6	4.6	-16.6	2	0.00E00	1.98E05	1063.5	2	0.00E00	1.98E05	0.00	7.2	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-7.1	2	0.00E00	-8.53E04	457.0	2	0.00E00	-8.53E04	0.00	3.1	0.0	2
49	o	100	40	5.7	5.7	4.6	4.6	-18.8	2	0.00E00	2.24E05	1202.2	2	0.00E00	2.24E05	0.00	8.1	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-8.6	2	0.00E00	-1.03E05	552.7	2	0.00E00	-1.03E05	0.00	3.7	0.0	2
50	o	100	40	5.7	5.7	4.6	4.6	-20.7	2	0.00E00	2.48E05	1328.8	2	0.00E00	2.48E05	0.00	9.0	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-10.2	2	0.00E00	-1.22E05	653.2	2	0.00E00	-1.22E05	0.00	4.4	0.0	2
51	o	100	40	5.7	5.7	4.6	4.6	-22.2	2	0.00E00	2.66E05	1424.6	2	0.00E00	2.66E05	0.00	9.6	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-11.9	2	0.00E00	-1.42E05	759.6	2	0.00E00	-1.42E05	0.00	5.1	0.0	2
52	o	100	40	5.7	5.7	4.6	4.6	-22.7	2	0.00E00	2.72E05	1457.6	2	0.00E00	2.72E05	0.00	9.9	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-20.0	2	0.00E00	-2.39E05	1282.8	2	0.00E00	-2.39E05	0.00	8.7	0.0	2
53	o	100	40	5.7	5.7	4.6	4.6	-14.3	2	0.00E00	1.71E05	914.1	2	0.00E00	1.71E05	0.00	6.2	0.0	2
	v	100	40	5.7	5.7	4.6	4.6	-22.4	2	0.00E00	-2.68E05	1437.8	2	0.00E00	-2.68E05	0.00	9.7	0.0	2
54	o	100	40	5.7	5.7	4.6	4.6	-13.4	2	0.00E00	-1.61E05	861.7	2	0.00E00	-1.61E05	0.00	5.8	0.0	2
	v	100	40	5.7	5.7	4.6	4.6	-24.9	2	0.00E00	-2.98E05	1596.3	2	0.00E00	-2.98E05	0.00	10.8	0.0	2
55	o	100	40	5.7	5.7	4.6	4.6	-24.1	2	0.00E00	-2.89E05	1547.6	2	0.00E00	-2.89E05	0.00	10.5	0.0	2
	v	100	40	5.7	5.7	4.6	4.6	-26.9	2	0.00E00	-3.22E05	1725.3	2	0.00E00	-3.22E05	0.00	11.7	0.0	2
56	o	100	40	5.7	5.7	4.6	4.6	-26.3	2	0.00E00	-3.14E05	1685.7	2	0.00E00	-3.14E05	0.00	11.4	0.0	2
	v	100	40	5.7	5.7	4.6	4.6	-25.2	2	0.00E00	-3.01E05	1612.1	2	0.00E00	-3.01E05	0.00	10.9	0.0	2
57	o	50	40	3.4	3.4	4.6	4.6	-24.4	2	0.00E00	-1.59E05	1429.8	2	0.00E00	-1.59E05	0.00	11.5	0.0	2
	v	100	40	5.7	5.7	4.6	4.6	-3.7	2	0.00E00	4.43E04	237.6	2	0.00E00	4.43E04	0.00	1.6	0.0	2
58	o	50	40	3.4	3.4	4.6	4.6	-23.9	2	0.00E00	-1.56E05	1400.0	2	0.00E00	-1.56E05	0.00	11.2	0.0	2
	v	100	40	5.7	5.7	4.6	4.6	-2.4	2	0.00E00	-2.93E04	157.0	2	0.00E00	-2.93E04	0.00	1.1	0.0	2
59	o	100	40	5.7	5.7	4.6	4.6	-26.9	2	0.00E00	-3.21E05	1723.3	2	0.00E00	-3.21E05	0.00	11.7	0.0	2
	v	100	40	5.7	5.7	4.6	4.6	-15.3	2	0.00E00	-1.83E05	979.8	2	0.00E00	-1.83E05	0.00	6.6	0.0	2
60	o	100	40	5.3	5.3	4.6	4.6	-29.4	2	0.00E00	-3.42E05	1942.8	2	0.00E00	-3.42E05	0.00	12.4	0.0	2
	v	100	40	5.7	5.7	4.6	4.6	-26.8	2	0.00E00	-3.20E05	1714.8	2	0.00E00	-3.20E05	0.00	11.6	0.0	2
61	o	100	40	5.7	5.7	4.6	4.6	-28.6	2	0.00E00	-3.42E05	1834.2	2	0.00E00	-3.42E05	0.00	12.4	0.0	2
	v	100	40	5.7	5.7	4.6	4.6	-26.5	2	0.00E00	-3.17E05	1700.5	2	0.00E00	-3.17E05	0.00	11.5	0.0	2
62	o	100	40	5.7	5.7	4.6	4.6	-26.8	2	0.00E00	-3.20E05	1715.1	2	0.00E00	-3.20E05	0.00	11.6	0.0	2

	v	100	40	5.7	5.7	4.6	4.6	-25.2	2	0.00E00	-3.01E05	1614.3	2	0.00E00	-3.01E05	0.00	10.9
0.0	2																
63	o	100	40	5.7	5.7	4.6	4.6	-24.4	2	0.00E00	-2.92E05	1565.2	2	0.00E00	-2.92E05	0.00	10.6
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-23.0	2	0.00E00	-2.75E05	1476.0	2	0.00E00	-2.75E05	0.00	10.0
0.0	2																
64	o	100	40	5.7	5.7	4.6	4.6	-22.1	2	0.00E00	-2.64E05	1415.4	2	0.00E00	-2.64E05	0.00	9.6
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-20.6	2	0.00E00	-2.46E05	1320.5	2	0.00E00	-2.46E05	0.00	8.9
0.0	2																
65	o	100	40	5.7	5.7	4.6	4.6	-20.0	2	0.00E00	-2.39E05	1279.5	2	0.00E00	-2.39E05	0.00	8.7
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-18.1	2	0.00E00	-2.17E05	1162.6	2	0.00E00	-2.17E05	0.00	7.9
0.0	2																
66	o	100	40	5.7	5.7	4.6	4.6	-18.0	2	0.00E00	-2.15E05	1151.1	2	0.00E00	-2.15E05	0.00	7.8
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-15.7	2	0.00E00	-1.88E05	1007.7	2	0.00E00	-1.88E05	0.00	6.8
0.0	2																
67	o	100	40	5.7	5.7	4.6	4.6	-16.1	2	0.00E00	-1.92E05	1029.1	2	0.00E00	-1.92E05	0.00	7.0
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-13.4	2	0.00E00	-1.60E05	858.1	2	0.00E00	-1.60E05	0.00	5.8
0.0	2																
68	o	100	40	5.7	5.7	4.6	4.6	-14.2	2	0.00E00	-1.70E05	911.3	2	0.00E00	-1.70E05	0.00	6.2
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-11.2	2	0.00E00	-1.33E05	715.2	2	0.00E00	-1.33E05	0.00	4.8
0.0	2																
69	o	100	40	5.7	5.7	4.6	4.6	-12.4	2	0.00E00	-1.48E05	795.3	2	0.00E00	-1.48E05	0.00	5.4
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-9.0	2	0.00E00	-1.08E05	578.8	2	0.00E00	-1.08E05	0.00	3.9
0.0	2																
70	o	100	40	5.7	5.7	4.6	4.6	-10.6	2	0.00E00	-1.27E05	678.4	2	0.00E00	-1.27E05	0.00	4.6
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-7.0	2	0.00E00	-8.37E04	448.5	2	0.00E00	-8.37E04	0.00	3.0
0.0	2																
71	o	100	40	5.7	5.7	4.6	4.6	-9.0	2	0.00E00	-1.07E05	575.5	2	0.00E00	-1.07E05	0.00	3.9
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-5.0	2	0.00E00	-6.02E04	322.7	2	0.00E00	-6.02E04	0.00	2.2
0.0	2																
72	o	100	40	5.7	5.7	4.6	4.6	-8.9	2	0.00E00	-1.07E05	571.9	2	0.00E00	-1.07E05	0.00	3.9
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-4.9	2	0.00E00	-5.89E04	315.5	2	0.00E00	-5.89E04	0.00	2.1
0.0	2																
73	o	100	40	5.7	5.7	4.6	4.6	-10.5	2	0.00E00	-1.25E05	671.3	2	0.00E00	-1.25E05	0.00	4.5
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-6.9	2	0.00E00	-8.25E04	442.3	2	0.00E00	-8.25E04	0.00	3.0
0.0	2																
74	o	100	40	5.7	5.7	4.6	4.6	-12.3	2	0.00E00	-1.47E05	788.8	2	0.00E00	-1.47E05	0.00	5.3
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-9.0	2	0.00E00	-1.07E05	573.8	2	0.00E00	-1.07E05	0.00	3.9
0.0	2																
75	o	100	40	5.7	5.7	4.6	4.6	-14.1	2	0.00E00	-1.69E05	905.7	2	0.00E00	-1.69E05	0.00	6.1
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-11.1	2	0.00E00	-1.33E05	711.6	2	0.00E00	-1.33E05	0.00	4.8
0.0	2																
76	o	100	40	5.7	5.7	4.6	4.6	-16.0	2	0.00E00	-1.91E05	1024.7	2	0.00E00	-1.91E05	0.00	6.9
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-13.4	2	0.00E00	-1.60E05	856.3	2	0.00E00	-1.60E05	0.00	5.8
0.0	2																
77	o	100	40	5.7	5.7	4.6	4.6	-17.9	2	0.00E00	-2.14E05	1148.1	2	0.00E00	-2.14E05	0.00	7.8
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-15.7	2	0.00E00	-1.88E05	1008.1	2	0.00E00	-1.88E05	0.00	6.8
0.0	2																
78	o	100	40	5.7	5.7	4.6	4.6	-19.9	2	0.00E00	-2.38E05	1278.3	2	0.00E00	-2.38E05	0.00	8.6
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-18.2	2	0.00E00	-2.17E05	1165.7	2	0.00E00	-2.17E05	0.00	7.9
0.0	2																
79	o	100	40	5.7	5.7	4.6	4.6	-22.1	2	0.00E00	-2.64E05	1416.5	2	0.00E00	-2.64E05	0.00	9.6
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-20.7	2	0.00E00	-2.47E05	1326.6	2	0.00E00	-2.47E05	0.00	9.0
0.0	2																
80	o	100	40	5.7	5.7	4.6	4.6	-24.5	2	0.00E00	-2.93E05	1569.5	2	0.00E00	-2.93E05	0.00	10.6
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-23.2	2	0.00E00	-2.77E05	1485.5	2	0.00E00	-2.77E05	0.00	10.1
0.0	2																
81	o	100	40	5.7	5.7	4.6	4.6	-26.9	2	0.00E00	-3.21E05	1723.3	2	0.00E00	-3.21E05	0.00	11.7
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-25.4	2	0.00E00	-3.04E05	1627.3	2	0.00E00	-3.04E05	0.00	11.0
0.0	2																
82	o	100	40	5.7	5.7	4.6	4.6	-28.8	2	0.00E00	-3.45E05	1847.6	2	0.00E00	-3.45E05	0.00	12.5
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-26.8	2	0.00E00	-3.20E05	1714.6	2	0.00E00	-3.20E05	0.00	11.6
0.0	2																
83	o	100	40	5.7	5.7	4.6	4.6	-28.9	2	0.00E00	-3.46E05	1854.5	2	0.00E00	-3.46E05	0.00	12.5
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-27.0	2	0.00E00	-3.23E05	1729.1	2	0.00E00	-3.23E05	0.00	11.7
0.0	2																
84	o	100	40	5.7	5.7	4.6	4.6	-27.4	2	0.00E00	-3.28E05	1756.4	2	0.00E00	-3.28E05	0.00	11.9
0.0	2																

	v	100	40	5.7	5.7	4.6	4.6	-15.3	2	0.00E00	-1.83E05	983.5	2	0.00E00	-1.83E05	0.00	6.7	0.0 2
85	o	50	40	3.4	3.4	4.6	4.6	-24.3	2	0.00E00	-1.59E05	1426.4	2	0.00E00	-1.59E05	0.00	11.4	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-2.5	2	0.00E00	-3.00E04	160.6	2	0.00E00	-3.00E04	0.00	1.1	0.0 2
86	o	50	40	3.4	3.4	4.6	4.6	-20.6	2	0.00E00	-1.34E05	1207.8	2	0.00E00	-1.34E05	0.00	9.7	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-2.8	2	0.00E00	3.40E04	182.0	2	0.00E00	3.40E04	0.00	1.2	0.0 2
87	o	100	40	5.7	5.7	4.6	4.6	-24.8	2	0.00E00	-2.97E05	1591.9	2	0.00E00	-2.97E05	0.00	10.8	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-12.6	2	0.00E00	1.50E05	804.6	2	0.00E00	1.50E05	0.00	5.4	0.0 2
88	o	100	40	5.3	5.3	4.6	4.6	-29.5	2	0.00E00	-3.43E05	1946.4	2	0.00E00	-3.43E05	0.00	12.5	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-24.8	2	0.00E00	-2.96E05	1589.0	2	0.00E00	-2.96E05	0.00	10.8	0.0 2
89	o	100	40	5.7	5.7	4.6	4.6	-31.3	2	0.00E00	-3.74E05	2005.1	2	0.00E00	-3.74E05	0.00	13.6	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-27.2	2	0.00E00	-3.25E05	1743.3	2	0.00E00	-3.25E05	0.00	11.8	0.0 2
90	o	100	40	5.7	5.7	4.6	4.6	-32.1	2	0.00E00	-3.84E05	2059.2	2	0.00E00	-3.84E05	0.00	13.9	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-27.2	2	0.00E00	-3.25E05	1744.0	2	0.00E00	-3.25E05	0.00	11.8	0.0 2
91	o	100	40	5.7	5.7	4.6	4.6	-31.7	2	0.00E00	-3.78E05	2028.7	2	0.00E00	-3.78E05	0.00	13.7	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-25.7	2	0.00E00	-3.07E05	1644.6	2	0.00E00	-3.07E05	0.00	11.1	0.0 2
92	o	100	40	5.7	5.7	4.6	4.6	-30.6	2	0.00E00	-3.66E05	1961.0	2	0.00E00	-3.66E05	0.00	13.3	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-23.5	2	0.00E00	-2.81E05	1505.2	2	0.00E00	-2.81E05	0.00	10.2	0.0 2
93	o	100	40	5.7	5.7	4.6	4.6	-29.3	2	0.00E00	-3.50E05	1877.5	2	0.00E00	-3.50E05	0.00	12.7	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-21.1	2	0.00E00	-2.52E05	1351.4	2	0.00E00	-2.52E05	0.00	9.1	0.0 2
94	o	100	40	5.7	5.7	4.6	4.6	-27.9	2	0.00E00	-3.34E05	1788.5	2	0.00E00	-3.34E05	0.00	12.1	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-18.7	2	0.00E00	-2.23E05	1196.2	2	0.00E00	-2.23E05	0.00	8.1	0.0 2
95	o	100	40	5.7	5.7	4.6	4.6	-26.5	2	0.00E00	-3.17E05	1697.4	2	0.00E00	-3.17E05	0.00	11.5	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-16.3	2	0.00E00	-1.95E05	1045.5	2	0.00E00	-1.95E05	0.00	7.1	0.0 2
96	o	100	40	5.7	5.7	4.6	4.6	-25.0	2	0.00E00	-2.99E05	1604.5	2	0.00E00	-2.99E05	0.00	10.9	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-14.1	2	0.00E00	-1.68E05	902.4	2	0.00E00	-1.68E05	0.00	6.1	0.0 2
97	o	100	40	5.7	5.7	4.6	4.6	-23.5	2	0.00E00	-2.81E05	1508.5	2	0.00E00	-2.81E05	0.00	10.2	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-12.0	2	0.00E00	-1.43E05	767.8	2	0.00E00	-1.43E05	0.00	5.2	0.0 2
98	o	100	40	5.7	5.7	4.6	4.6	-22.0	2	0.00E00	-2.63E05	1407.4	2	0.00E00	-2.63E05	0.00	9.5	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-10.0	2	0.00E00	-1.20E05	641.3	2	0.00E00	-1.20E05	0.00	4.3	0.0 2
99	o	100	40	5.7	5.7	4.6	4.6	-20.5	2	0.00E00	-2.45E05	1315.3	2	0.00E00	-2.45E05	0.00	8.9	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-8.1	2	0.00E00	-9.73E04	521.7	2	0.00E00	-9.73E04	0.00	3.5	0.0 2
100	o	100	40	5.7	5.7	4.6	4.6	-20.5	2	0.00E00	-2.45E05	1312.1	2	0.00E00	-2.45E05	0.00	8.9	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-8.0	2	0.00E00	-9.61E04	515.1	2	0.00E00	-9.61E04	0.00	3.5	0.0 2
101	o	100	40	5.7	5.7	4.6	4.6	-21.9	2	0.00E00	-2.61E05	1401.5	2	0.00E00	-2.61E05	0.00	9.5	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-9.9	2	0.00E00	-1.19E05	635.9	2	0.00E00	-1.19E05	0.00	4.3	0.0 2
102	o	100	40	5.7	5.7	4.6	4.6	-23.5	2	0.00E00	-2.81E05	1503.7	2	0.00E00	-2.81E05	0.00	10.2	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-11.9	2	0.00E00	-1.42E05	763.9	2	0.00E00	-1.42E05	0.00	5.2	0.0 2
103	o	100	40	5.7	5.7	4.6	4.6	-25.0	2	0.00E00	-2.99E05	1601.1	2	0.00E00	-2.99E05	0.00	10.8	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-14.0	2	0.00E00	-1.68E05	900.3	2	0.00E00	-1.68E05	0.00	6.1	0.0 2
104	o	100	40	5.7	5.7	4.6	4.6	-26.5	2	0.00E00	-3.16E05	1695.7	2	0.00E00	-3.16E05	0.00	11.5	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-16.3	2	0.00E00	-1.95E05	1045.5	2	0.00E00	-1.95E05	0.00	7.1	0.0 2
105	o	100	40	5.7	5.7	4.6	4.6	-27.9	2	0.00E00	-3.34E05	1788.7	2	0.00E00	-3.34E05	0.00	12.1	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-18.7	2	0.00E00	-2.24E05	1198.7	2	0.00E00	-2.24E05	0.00	8.1	0.0 2
106	o	100	40	5.7	5.7	4.6	4.6	-29.3	2	0.00E00	-3.51E05	1879.9	2	0.00E00	-3.51E05	0.00	12.7	0.0 2

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        v 100  40   5.7   5.7  4.6  4.6  -21.2  2  0.00E00 -2.53E05  1357.0  2  0.00E00 -2.53E05   0.00  9.2
0.0  2
  107   o 100  40   5.7   5.7  4.6  4.6  -30.7  2  0.00E00 -3.67E05  1965.9  2  0.00E00 -3.67E05   0.00 13.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -23.6  2  0.00E00 -2.82E05  1514.2  2  0.00E00 -2.82E05   0.00 10.2
0.0  2
  108   o 100  40   5.7   5.7  4.6  4.6  -31.8  2  0.00E00 -3.80E05  2036.3  2  0.00E00 -3.80E05   0.00 13.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -25.9  2  0.00E00 -3.09E05  1657.4  2  0.00E00 -3.09E05   0.00 11.2
0.0  2
  109   o 100  40   5.7   5.7  4.6  4.6  -32.3  2  0.00E00 -3.86E05  2069.8  2  0.00E00 -3.86E05   0.00 14.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -27.5  2  0.00E00 -3.28E05  1760.8  2  0.00E00 -3.28E05   0.00 11.9
0.0  2
  110   o 100  40   5.7   5.7  4.6  4.6  -31.5  2  0.00E00 -3.77E05  2019.0  2  0.00E00 -3.77E05   0.00 13.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -27.5  2  0.00E00 -3.29E05  1763.8  2  0.00E00 -3.29E05   0.00 11.9
0.0  2
  111   o 100  40   5.7   5.7  4.6  4.6  -29.0  2  0.00E00 -3.46E05  1855.6  2  0.00E00 -3.46E05   0.00 12.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -25.1  2  0.00E00 -3.00E05  1609.8  2  0.00E00 -3.00E05   0.00 10.9
0.0  2
  112   o 100  40   5.7   5.7  4.6  4.6  -25.2  2  0.00E00 -3.01E05  1614.6  2  0.00E00 -3.01E05   0.00 10.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -12.7  2  0.00E00  1.51E05   810.8  2  0.00E00  1.51E05   0.00  5.5
0.0  2
  113   o  50  40   3.4   3.4  4.6  4.6  -21.0  2  0.00E00 -1.37E05  1230.7  2  0.00E00 -1.37E05   0.00  9.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -2.9  2  0.00E00  3.51E04   187.9  2  0.00E00  3.51E04   0.00  1.3
0.0  2
  114   o  50  40   3.4   3.4  4.6  4.6  -17.6  2  0.00E00 -1.15E05  1032.5  2  0.00E00 -1.15E05   0.00  8.3
0.0  2
        v 100  40   5.9   5.9  4.6  4.6   -2.9  2  0.00E00 -3.53E04   181.5  2  0.00E00 -3.53E04   0.00  1.3
0.0  2
  115   o 100  40   5.7   5.7  4.6  4.6  -22.0  2  0.00E00 -2.63E05  1407.8  2  0.00E00 -2.63E05   0.00  9.5
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -21.1  2  0.00E00  2.58E05  1326.7  2  0.00E00  2.58E05   0.00  9.3
0.0  1
  116   o 100  40   5.3   5.3  4.6  4.6  -27.5  2  0.00E00 -3.19E05  1813.4  2  0.00E00 -3.19E05   0.00 11.6
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -20.5  2  0.00E00 -2.50E05  1287.6  2  0.00E00 -2.50E05   0.00  9.1
0.0  2
  117   o 100  40   5.7   5.7  4.6  4.6  -30.9  2  0.00E00 -3.70E05  1981.5  2  0.00E00 -3.70E05   0.00 13.4
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -25.1  2  0.00E00 -3.06E05  1577.5  2  0.00E00 -3.06E05   0.00 11.1
0.0  2
  118   o 100  40   5.7   5.7  4.6  4.6  -33.6  2  0.00E00 -4.02E05  2156.2  2  0.00E00 -4.02E05   0.00 14.6
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -26.7  2  0.00E00 -3.25E05  1675.1  2  0.00E00 -3.25E05   0.00 11.8
0.0  2
  119   o 100  40   5.7   5.7  4.6  4.6  -34.9  2  0.00E00 -4.17E05  2237.0  2  0.00E00 -4.17E05   0.00 15.1
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -26.1  2  0.00E00 -3.19E05  1640.1  2  0.00E00 -3.19E05   0.00 11.5
0.0  2
  120   o 100  40   5.7   5.7  4.6  4.6  -35.3  2  0.00E00 -4.21E05  2259.5  2  0.00E00 -4.21E05   0.00 15.3
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -24.5  2  0.00E00 -2.99E05  1539.9  2  0.00E00 -2.99E05   0.00 10.8
0.0  2
  121   o 100  40   5.7   5.7  4.6  4.6  -35.1  2  0.00E00 -4.19E05  2246.3  2  0.00E00 -4.19E05   0.00 15.2
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -22.5  2  0.00E00 -2.74E05  1410.3  2  0.00E00 -2.74E05   0.00  9.9
0.0  2
  122   o 100  40   5.7   5.7  4.6  4.6  -34.5  2  0.00E00 -4.13E05  2212.1  2  0.00E00 -4.13E05   0.00 15.0
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -20.3  2  0.00E00 -2.47E05  1271.4  2  0.00E00 -2.47E05   0.00  8.9
0.0  2
  123   o 100  40   5.7   5.7  4.6  4.6  -33.8  2  0.00E00 -4.04E05  2164.3  2  0.00E00 -4.04E05   0.00 14.6
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -18.1  2  0.00E00 -2.20E05  1133.5  2  0.00E00 -2.20E05   0.00  8.0
0.0  2
  124   o 100  40   5.7   5.7  4.6  4.6  -32.9  2  0.00E00 -3.93E05  2105.8  2  0.00E00 -3.93E05   0.00 14.2
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -16.0  2  0.00E00 -1.95E05  1002.1  2  0.00E00 -1.95E05   0.00  7.1
0.0  2
  125   o 100  40   5.7   5.7  4.6  4.6  -31.8  2  0.00E00 -3.80E05  2037.3  2  0.00E00 -3.80E05   0.00 13.8
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -14.0  2  0.00E00 -1.71E05   879.5  2  0.00E00 -1.71E05   0.00  6.2
0.0  2
  126   o 100  40   5.7   5.7  4.6  4.6  -30.6  2  0.00E00 -3.65E05  1958.0  2  0.00E00 -3.65E05   0.00 13.2
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -12.2  2  0.00E00 -1.49E05   766.3  2  0.00E00 -1.49E05   0.00  5.4
0.0  2
  127   o 100  40   5.7   5.7  4.6  4.6  -29.3  2  0.00E00 -3.51E05  1880.9  2  0.00E00 -3.51E05   0.00 12.7
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -10.5  2  0.00E00 -1.29E05   661.5  2  0.00E00 -1.29E05   0.00  4.7
0.0  2
  128   o 100  40   5.7   5.7  4.6  4.6  -29.3  2  0.00E00 -3.50E05  1878.3  2  0.00E00 -3.50E05   0.00 12.7
0.0  2
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        v 100  40   5.9   5.9  4.6  4.6  -10.4  2  0.00E00 -1.27E05   656.0  2  0.00E00 -1.27E05   0.00  4.6
0.0  2
  129   o 100  40   5.7   5.7  4.6  4.6  -30.5  2  0.00E00 -3.64E05  1953.4  2  0.00E00 -3.64E05   0.00 13.2
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -12.1  2  0.00E00 -1.48E05   762.2  2  0.00E00 -1.48E05   0.00  5.4
0.0  2
  130   o 100  40   5.7   5.7  4.6  4.6  -31.7  2  0.00E00 -3.79E05  2034.3  2  0.00E00 -3.79E05   0.00 13.8
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -14.0  2  0.00E00 -1.70E05   877.1  2  0.00E00 -1.70E05   0.00  6.2
0.0  2
  131   o 100  40   5.7   5.7  4.6  4.6  -32.8  2  0.00E00 -3.93E05  2104.6  2  0.00E00 -3.93E05   0.00 14.2
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -16.0  2  0.00E00 -1.95E05  1001.6  2  0.00E00 -1.95E05   0.00  7.0
0.0  2
  132   o 100  40   5.7   5.7  4.6  4.6  -33.8  2  0.00E00 -4.04E05  2164.9  2  0.00E00 -4.04E05   0.00 14.6
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -18.1  2  0.00E00 -2.21E05  1135.3  2  0.00E00 -2.21E05   0.00  8.0
0.0  2
  133   o 100  40   5.7   5.7  4.6  4.6  -34.6  2  0.00E00 -4.13E05  2214.9  2  0.00E00 -4.13E05   0.00 15.0
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -20.3  2  0.00E00 -2.48E05  1275.8  2  0.00E00 -2.48E05   0.00  9.0
0.0  2
  134   o 100  40   5.7   5.7  4.6  4.6  -35.1  2  0.00E00 -4.20E05  2251.3  2  0.00E00 -4.20E05   0.00 15.2
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -22.6  2  0.00E00 -2.75E05  1417.8  2  0.00E00 -2.75E05   0.00 10.0
0.0  2
  135   o 100  40   5.7   5.7  4.6  4.6  -35.4  2  0.00E00 -4.23E05  2266.7  2  0.00E00 -4.23E05   0.00 15.3
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -24.7  2  0.00E00 -3.01E05  1550.8  2  0.00E00 -3.01E05   0.00 10.9
0.0  2
  136   o 100  40   5.7   5.7  4.6  4.6  -35.1  2  0.00E00 -4.19E05  2246.5  2  0.00E00 -4.19E05   0.00 15.2
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -26.4  2  0.00E00 -3.22E05  1654.9  2  0.00E00 -3.22E05   0.00 11.6
0.0  2
  137   o 100  40   5.7   5.7  4.6  4.6  -33.8  2  0.00E00 -4.04E05  2167.8  2  0.00E00 -4.04E05   0.00 14.7
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -27.0  2  0.00E00 -3.29E05  1693.9  2  0.00E00 -3.29E05   0.00 11.9
0.0  2
  138   o 100  40   5.7   5.7  4.6  4.6  -31.1  2  0.00E00 -3.72E05  1995.2  2  0.00E00 -3.72E05   0.00 13.5
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -25.5  2  0.00E00 -3.11E05  1600.0  2  0.00E00 -3.11E05   0.00 11.3
0.0  2
  139   o 100  40   5.7   5.7  4.6  4.6  -27.0  2  0.00E00 -3.22E05  1728.0  2  0.00E00 -3.22E05   0.00 11.7
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -20.9  2  0.00E00 -2.55E05  1311.4  2  0.00E00 -2.55E05   0.00  9.2
0.0  2
  140   o 100  40   5.7   5.7  4.6  4.6  -22.2  2  0.00E00 -2.66E05  1425.8  2  0.00E00 -2.66E05   0.00  9.6
0.0  2
        v 100  40   5.9   5.9  4.6  4.6  -21.2  2  0.00E00  2.58E05  1330.4  2  0.00E00  2.58E05   0.00  9.4
0.0  1
  141   o  50  40   3.4   3.4  4.6  4.6  -18.0  2  0.00E00 -1.17E05  1055.9  2  0.00E00 -1.17E05   0.00  8.5
0.0  2
        v 100  40   5.9   5.9  4.6  4.6   -3.0  2  0.00E00 -3.62E04   186.5  2  0.00E00 -3.62E04   0.00  1.3
0.0  2
  142   o  50  40   3.4   3.4  4.6  4.6  -14.3  2  0.00E00 -9.31E04   836.7  2  0.00E00 -9.31E04   0.00  6.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -2.7  2  0.00E00 -3.25E04   174.0  2  0.00E00 -3.25E04   0.00  1.2
0.0  2
  143   o 100  40   5.7   5.7  4.6  4.6  -18.5  2  0.00E00 -2.21E05  1183.5  2  0.00E00 -2.21E05   0.00  8.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -21.8  2  0.00E00  2.61E05  1399.7  2  0.00E00  2.61E05   0.00  9.5
0.0  1
  144   o 100  40   5.3   5.3  4.6  4.6  -24.3  2  0.00E00 -2.83E05  1604.9  2  0.00E00 -2.83E05   0.00 10.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.3  2  0.00E00 -1.95E05  1045.3  2  0.00E00 -1.95E05   0.00  7.1
0.0  2
  145   o 100  40   5.7   5.7  4.6  4.6  -28.7  2  0.00E00 -3.43E05  1839.7  2  0.00E00 -3.43E05   0.00 12.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.6  2  0.00E00 -2.70E05  1447.1  2  0.00E00 -2.70E05   0.00  9.8
0.0  2
  146   o 100  40   5.7   5.7  4.6  4.6  -32.7  2  0.00E00 -3.91E05  2093.9  2  0.00E00 -3.91E05   0.00 14.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -25.5  2  0.00E00 -3.05E05  1636.7  2  0.00E00 -3.05E05   0.00 11.1
0.0  2
  147   o 100  40   5.7   5.7  4.6  4.6  -35.3  2  0.00E00 -4.22E05  2264.4  2  0.00E00 -4.22E05   0.00 15.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -26.0  2  0.00E00 -3.11E05  1669.3  2  0.00E00 -3.11E05   0.00 11.3
0.0  2
  148   o 100  40   5.7   5.7  4.6  4.6  -37.0  2  0.00E00 -4.42E05  2370.9  2  0.00E00 -4.42E05   0.00 16.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -25.2  2  0.00E00 -3.01E05  1612.3  2  0.00E00 -3.01E05   0.00 10.9
0.0  2
  149   o 100  40   5.7   9.0  4.6  4.6  -31.1  2  0.00E00 -4.53E05  1541.7  2  0.00E00 -4.53E05   0.00 16.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -23.5  2  0.00E00 -2.81E05  1508.6  2  0.00E00 -2.81E05   0.00 10.2
0.0  2
  150   o 100  40   5.7  11.3  4.6  4.6  -28.8  2  0.00E00 -4.58E05  1256.5  2  0.00E00 -4.58E05   0.00 16.4
0.0  2
```

	v	100	40	5.7	5.7	4.6	4.6	-21.6	2	0.00E00	-2.58E05	1385.1	2	0.00E00	-2.58E05	0.00	9.4
0.0	2																
151	o	100	40	5.7	11.3	4.6	4.6	-28.8	2	0.00E00	-4.59E05	1257.5	2	0.00E00	-4.59E05	0.00	16.4
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-19.6	2	0.00E00	-2.35E05	1257.4	2	0.00E00	-2.35E05	0.00	8.5
0.0	2																
152	o	100	40	5.7	11.3	4.6	4.6	-28.6	2	0.00E00	-4.55E05	1248.4	2	0.00E00	-4.55E05	0.00	16.3
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-17.7	2	0.00E00	-2.12E05	1134.1	2	0.00E00	-2.12E05	0.00	7.7
0.0	2																
153	o	100	40	5.7	9.0	4.6	4.6	-30.8	2	0.00E00	-4.49E05	1525.9	2	0.00E00	-4.49E05	0.00	16.1
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-15.9	2	0.00E00	-1.90E05	1019.6	2	0.00E00	-1.90E05	0.00	6.9
0.0	2																
154	o	100	40	5.7	5.7	4.6	4.6	-36.7	2	0.00E00	-4.39E05	2352.9	2	0.00E00	-4.39E05	0.00	15.9
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-14.3	2	0.00E00	-1.71E05	915.4	2	0.00E00	-1.71E05	0.00	6.2
0.0	2																
155	o	100	40	5.7	5.7	4.6	4.6	-35.8	2	0.00E00	-4.28E05	2295.0	2	0.00E00	-4.28E05	0.00	15.5
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-12.8	2	0.00E00	-1.53E05	821.6	2	0.00E00	-1.53E05	0.00	5.6
0.0	2																
156	o	100	40	5.7	5.7	4.6	4.6	-35.8	2	0.00E00	-4.28E05	2293.1	2	0.00E00	-4.28E05	0.00	15.5
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-12.7	2	0.00E00	-1.52E05	817.1	2	0.00E00	-1.52E05	0.00	5.5
0.0	2																
157	o	100	40	5.7	5.7	4.6	4.6	-36.7	2	0.00E00	-4.38E05	2349.8	2	0.00E00	-4.38E05	0.00	15.9
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-14.2	2	0.00E00	-1.70E05	912.6	2	0.00E00	-1.70E05	0.00	6.2
0.0	2																
158	o	100	40	5.7	5.7	4.6	4.6	-37.5	2	0.00E00	-4.49E05	2404.3	2	0.00E00	-4.49E05	0.00	16.3
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-15.9	2	0.00E00	-1.90E05	1018.6	2	0.00E00	-1.90E05	0.00	6.9
0.0	2																
159	o	100	40	5.7	5.7	4.6	4.6	-38.1	2	0.00E00	-4.55E05	2441.7	2	0.00E00	-4.55E05	0.00	16.5
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-17.7	2	0.00E00	-2.12E05	1135.4	2	0.00E00	-2.12E05	0.00	7.7
0.0	2																
160	o	100	40	5.7	5.7	4.6	4.6	-38.4	2	0.00E00	-4.59E05	2461.5	2	0.00E00	-4.59E05	0.00	16.7
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-19.7	2	0.00E00	-2.35E05	1261.2	2	0.00E00	-2.35E05	0.00	8.5
0.0	2																
161	o	100	40	5.7	5.7	4.6	4.6	-38.4	2	0.00E00	-4.59E05	2461.6	2	0.00E00	-4.59E05	0.00	16.7
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-21.7	2	0.00E00	-2.60E05	1391.8	2	0.00E00	-2.60E05	0.00	9.4
0.0	2																
162	o	100	40	5.7	5.7	4.6	4.6	-38.0	2	0.00E00	-4.55E05	2437.2	2	0.00E00	-4.55E05	0.00	16.5
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-23.7	2	0.00E00	-2.83E05	1518.5	2	0.00E00	-2.83E05	0.00	10.3
0.0	2																
163	o	100	40	5.7	5.7	4.6	4.6	-37.1	2	0.00E00	-4.44E05	2379.5	2	0.00E00	-4.44E05	0.00	16.1
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-25.4	2	0.00E00	-3.03E05	1625.8	2	0.00E00	-3.03E05	0.00	11.0
0.0	2																
164	o	100	40	5.7	5.7	4.6	4.6	-35.5	2	0.00E00	-4.24E05	2274.6	2	0.00E00	-4.24E05	0.00	15.4
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-26.3	2	0.00E00	-3.15E05	1686.8	2	0.00E00	-3.15E05	0.00	11.4
0.0	2																
165	o	100	40	5.7	5.7	4.6	4.6	-32.9	2	0.00E00	-3.93E05	2105.6	2	0.00E00	-3.93E05	0.00	14.2
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-25.9	2	0.00E00	-3.09E05	1658.1	2	0.00E00	-3.09E05	0.00	11.2
0.0	2																
166	o	100	40	5.7	5.7	4.6	4.6	-28.9	2	0.00E00	-3.46E05	1852.5	2	0.00E00	-3.46E05	0.00	12.5
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-23.0	2	0.00E00	-2.75E05	1472.0	2	0.00E00	-2.75E05	0.00	10.0
0.0	2																
167	o	100	40	5.7	5.7	4.6	4.6	-23.9	2	0.00E00	-2.85E05	1528.9	2	0.00E00	-2.85E05	0.00	10.3
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-16.7	2	0.00E00	-2.00E05	1072.9	2	0.00E00	-2.00E05	0.00	7.3
0.0	2																
168	o	100	40	5.7	5.7	4.6	4.6	-18.7	2	0.00E00	-2.23E05	1197.7	2	0.00E00	-2.23E05	0.00	8.1
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-21.7	2	0.00E00	2.60E05	1393.8	2	0.00E00	2.60E05	0.00	9.4
0.0	1																
169	o	50	40	3.4	3.4	4.6	4.6	-14.6	2	0.00E00	-9.54E04	857.5	2	0.00E00	-9.54E04	0.00	6.9
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-2.8	2	0.00E00	-3.33E04	178.3	2	0.00E00	-3.33E04	0.00	1.2
0.0	2																
170	o	50	40	3.4	3.4	4.6	4.6	-9.0	2	0.00E00	-5.89E04	529.2	2	0.00E00	-5.89E04	0.00	4.2
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-2.2	2	0.00E00	-2.64E04	141.5	2	0.00E00	-2.64E04	0.00	1.0
0.0	2																
171	o	100	40	5.7	5.7	4.6	4.6	-12.5	2	0.00E00	-1.50E05	804.0	2	0.00E00	-1.50E05	0.00	5.4
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-20.1	2	0.00E00	2.40E05	1287.8	2	0.00E00	2.40E05	0.00	8.7
0.0	1																
172	o	100	40	5.3	5.3	4.6	4.6	-20.6	2	0.00E00	-2.39E05	1357.0	2	0.00E00	-2.39E05	0.00	8.7
0.0	2																

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        v 100  40   5.7   5.7  4.6  4.6  -11.5  2  0.00E00 -1.38E05   738.4  2  0.00E00 -1.38E05   0.00  5.0
0.0  2
  173   o 100  40   5.7   5.7  4.6  4.6  -25.5  2  0.00E00 -3.05E05  1634.2  2  0.00E00 -3.05E05   0.00 11.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.7  2  0.00E00 -2.24E05  1200.4  2  0.00E00 -2.24E05   0.00  8.1
0.0  2
  174   o 100  40   5.7   5.7  4.6  4.6  -30.2  2  0.00E00 -3.61E05  1936.9  2  0.00E00 -3.61E05   0.00 13.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.7  2  0.00E00 -2.71E05  1453.2  2  0.00E00 -2.71E05   0.00  9.8
0.0  2
  175   o 100  40   5.7   5.7  4.6  4.6  -33.9  2  0.00E00 -4.05E05  2172.0  2  0.00E00 -4.05E05   0.00 14.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -24.1  2  0.00E00 -2.88E05  1546.3  2  0.00E00 -2.88E05   0.00 10.5
0.0  2
  176   o 100  40   5.7   5.7  4.6  4.6  -36.6  2  0.00E00 -4.38E05  2347.4  2  0.00E00 -4.38E05   0.00 15.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -24.0  2  0.00E00 -2.87E05  1538.3  2  0.00E00 -2.87E05   0.00 10.4
0.0  2
  177   o 100  40   5.7   9.0  4.6  4.6  -31.6  2  0.00E00 -4.61E05  1568.5  2  0.00E00 -4.61E05   0.00 16.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -23.0  2  0.00E00 -2.75E05  1472.4  2  0.00E00 -2.75E05   0.00 10.0
0.0  2
  178   o 100  40   5.7  11.3  4.6  4.6  -29.9  2  0.00E00 -4.77E05  1308.2  2  0.00E00 -4.77E05   0.00 17.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -21.5  2  0.00E00 -2.57E05  1378.2  2  0.00E00 -2.57E05   0.00  9.3
0.0  2
  179   o 100  40   5.7  11.3  4.6  4.6  -30.6  2  0.00E00 -4.87E05  1335.1  2  0.00E00 -4.87E05   0.00 17.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.9  2  0.00E00 -2.38E05  1274.2  2  0.00E00 -2.38E05   0.00  8.6
0.0  2
  180   o 100  40   5.7  11.3  4.6  4.6  -30.9  2  0.00E00 -4.92E05  1348.0  2  0.00E00 -4.92E05   0.00 17.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.3  2  0.00E00 -2.19E05  1171.5  2  0.00E00 -2.19E05   0.00  7.9
0.0  2
  181   o 100  40   5.7   9.0  4.6  4.6  -33.7  2  0.00E00 -4.92E05  1672.3  2  0.00E00 -4.92E05   0.00 17.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.8  2  0.00E00 -2.01E05  1076.3  2  0.00E00 -2.01E05   0.00  7.3
0.0  2
  182   o 100  40   5.7   5.7  4.6  4.6  -40.8  2  0.00E00 -4.88E05  2613.9  2  0.00E00 -4.88E05   0.00 17.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -15.5  2  0.00E00 -1.85E05   991.3  2  0.00E00 -1.85E05   0.00  6.7
0.0  2
  183   o 100  40   5.7   5.7  4.6  4.6  -40.2  2  0.00E00 -4.81E05  2578.2  2  0.00E00 -4.81E05   0.00 17.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -14.3  2  0.00E00 -1.71E05   917.3  2  0.00E00 -1.71E05   0.00  6.2
0.0  2
  184   o 100  40   5.7   5.7  4.6  4.6  -40.2  2  0.00E00 -4.81E05  2577.0  2  0.00E00 -4.81E05   0.00 17.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -14.3  2  0.00E00 -1.71E05   914.2  2  0.00E00 -1.71E05   0.00  6.2
0.0  2
  185   o 100  40   5.7   5.7  4.6  4.6  -40.8  2  0.00E00 -4.87E05  2612.3  2  0.00E00 -4.87E05   0.00 17.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -15.4  2  0.00E00 -1.85E05   990.0  2  0.00E00 -1.85E05   0.00  6.7
0.0  2
  186   o 100  40   5.7   5.7  4.6  4.6  -41.1  2  0.00E00 -4.92E05  2636.8  2  0.00E00 -4.92E05   0.00 17.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.8  2  0.00E00 -2.01E05  1077.0  2  0.00E00 -2.01E05   0.00  7.3
0.0  2
  187   o 100  40   5.7   5.7  4.6  4.6  -41.2  2  0.00E00 -4.92E05  2638.1  2  0.00E00 -4.92E05   0.00 17.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.3  2  0.00E00 -2.19E05  1174.5  2  0.00E00 -2.19E05   0.00  7.9
0.0  2
  188   o 100  40   5.7   5.7  4.6  4.6  -40.8  2  0.00E00 -4.88E05  2614.9  2  0.00E00 -4.88E05   0.00 17.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.0  2  0.00E00 -2.39E05  1279.7  2  0.00E00 -2.39E05   0.00  8.7
0.0  2
  189   o 100  40   5.7   5.7  4.6  4.6  -40.0  2  0.00E00 -4.78E05  2564.1  2  0.00E00 -4.78E05   0.00 17.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -21.6  2  0.00E00 -2.59E05  1386.5  2  0.00E00 -2.59E05   0.00  9.4
0.0  2
  190   o 100  40   5.7   5.7  4.6  4.6  -38.7  2  0.00E00 -4.63E05  2480.6  2  0.00E00 -4.63E05   0.00 16.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -23.2  2  0.00E00 -2.77E05  1484.0  2  0.00E00 -2.77E05   0.00 10.0
0.0  2
  191   o 100  40   5.7   5.7  4.6  4.6  -36.8  2  0.00E00 -4.40E05  2356.8  2  0.00E00 -4.40E05   0.00 15.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -24.2  2  0.00E00 -2.90E05  1553.3  2  0.00E00 -2.90E05   0.00 10.5
0.0  2
  192   o 100  40   5.7   5.7  4.6  4.6  -34.1  2  0.00E00 -4.07E05  2182.5  2  0.00E00 -4.07E05   0.00 14.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -24.4  2  0.00E00 -2.92E05  1564.9  2  0.00E00 -2.92E05   0.00 10.6
0.0  2
  193   o 100  40   5.7   5.7  4.6  4.6  -30.4  2  0.00E00 -3.63E05  1948.2  2  0.00E00 -3.63E05   0.00 13.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -23.0  2  0.00E00 -2.75E05  1475.4  2  0.00E00 -2.75E05   0.00 10.0
0.0  2
  194   o 100  40   5.7   5.7  4.6  4.6  -25.7  2  0.00E00 -3.07E05  1645.9  2  0.00E00 -3.07E05   0.00 11.1
0.0  2
```

	v	100	40	5.7	5.7	4.6	4.6	-19.1	2	0.00E00	-2.29E05	1225.4	2	0.00E00	-2.29E05	0.00	8.3
0.0	2																
195	o	100	40	5.7	5.7	4.6	4.6	-20.2	2	0.00E00	-2.41E05	1292.7	2	0.00E00	-2.41E05	0.00	8.7
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-12.0	2	0.00E00	-1.43E05	767.3	2	0.00E00	-1.43E05	0.00	5.2
0.0	2																
196	o	100	40	5.7	5.7	4.6	4.6	-12.7	2	0.00E00	-1.52E05	813.5	2	0.00E00	-1.52E05	0.00	5.5
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-19.9	2	0.00E00	2.37E05	1273.0	2	0.00E00	2.37E05	0.00	8.6
0.0	1																
197	o	50	40	3.4	3.4	4.6	4.6	-9.3	2	0.00E00	-6.05E04	543.4	2	0.00E00	-6.05E04	0.00	4.4
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-2.3	2	0.00E00	-2.70E04	144.5	2	0.00E00	-2.70E04	0.00	1.0
0.0	2																
198	o	50	40	3.4	3.4	4.6	4.6	-2.0	2	0.00E00	-1.31E04	117.4	2	0.00E00	-1.31E04	0.00	0.9
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-1.6	2	0.00E00	-1.85E04	99.4	2	0.00E00	-1.85E04	0.00	0.7
0.0	2																
199	o	100	40	5.7	5.7	4.6	4.6	-8.1	2	0.00E00	-9.69E04	519.4	2	0.00E00	-9.69E04	0.00	3.5
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-17.1	2	0.00E00	2.05E05	1096.5	2	0.00E00	2.05E05	0.00	7.4
0.0	1																
200	o	100	40	5.3	5.3	4.6	4.6	-16.4	2	0.00E00	-1.91E05	1084.5	2	0.00E00	-1.91E05	0.00	6.9
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-5.8	2	0.00E00	-6.89E04	369.6	2	0.00E00	-6.89E04	0.00	2.5
0.0	2																
201	o	100	40	5.7	5.7	4.6	4.6	-21.7	2	0.00E00	-2.59E05	1390.1	2	0.00E00	-2.59E05	0.00	9.4
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-14.5	2	0.00E00	-1.73E05	927.2	2	0.00E00	-1.73E05	0.00	6.3
0.0	2																
202	o	100	40	5.7	5.7	4.6	4.6	-26.8	2	0.00E00	-3.21E05	1720.7	2	0.00E00	-3.21E05	0.00	11.6
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-19.0	2	0.00E00	-2.28E05	1220.3	2	0.00E00	-2.28E05	0.00	8.3
0.0	2																
203	o	100	40	5.7	5.7	4.6	4.6	-31.2	2	0.00E00	-3.73E05	1999.9	2	0.00E00	-3.73E05	0.00	13.5
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-21.2	2	0.00E00	-2.54E05	1359.5	2	0.00E00	-2.54E05	0.00	9.2
0.0	2																
204	o	100	40	5.7	5.7	4.6	4.6	-34.8	2	0.00E00	-4.16E05	2228.1	2	0.00E00	-4.16E05	0.00	15.1
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-21.8	2	0.00E00	-2.60E05	1395.2	2	0.00E00	-2.60E05	0.00	9.4
0.0	2																
205	o	100	40	5.7	9.0	4.6	4.6	-30.8	2	0.00E00	-4.49E05	1527.6	2	0.00E00	-4.49E05	0.00	16.1
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-21.3	2	0.00E00	-2.55E05	1368.0	2	0.00E00	-2.55E05	0.00	9.3
0.0	2																
206	o	100	40	5.7	11.3	4.6	4.6	-29.8	2	0.00E00	-4.75E05	1302.0	2	0.00E00	-4.75E05	0.00	16.9
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-20.4	2	0.00E00	-2.44E05	1307.3	2	0.00E00	-2.44E05	0.00	8.8
0.0	2																
207	o	100	40	5.7	11.3	4.6	4.6	-31.0	2	0.00E00	-4.94E05	1353.2	2	0.00E00	-4.94E05	0.00	17.6
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-19.2	2	0.00E00	-2.30E05	1232.7	2	0.00E00	-2.30E05	0.00	8.3
0.0	2																
208	o	100	40	5.7	11.3	4.6	4.6	-31.8	2	0.00E00	-5.06E05	1387.5	2	0.00E00	-5.06E05	0.00	18.1
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-18.0	2	0.00E00	-2.16E05	1156.4	2	0.00E00	-2.16E05	0.00	7.8
0.0	2																
209	o	100	40	5.7	9.0	4.6	4.6	-35.2	2	0.00E00	-5.13E05	1744.4	2	0.00E00	-5.13E05	0.00	18.4
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-16.9	2	0.00E00	-2.03E05	1085.7	2	0.00E00	-2.03E05	0.00	7.3
0.0	2																
210	o	100	40	5.7	5.7	4.6	4.6	-43.1	2	0.00E00	-5.15E05	2759.2	2	0.00E00	-5.15E05	0.00	18.7
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-16.0	2	0.00E00	-1.91E05	1024.4	2	0.00E00	-1.91E05	0.00	6.9
0.0	2																
211	o	100	40	5.7	5.7	4.6	4.6	-42.9	2	0.00E00	-5.13E05	2747.8	2	0.00E00	-5.13E05	0.00	18.6
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-15.2	2	0.00E00	-1.82E05	974.2	2	0.00E00	-1.82E05	0.00	6.6
0.0	2																
212	o	100	40	5.7	5.7	4.6	4.6	-42.9	2	0.00E00	-5.13E05	2747.4	2	0.00E00	-5.13E05	0.00	18.6
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-15.2	2	0.00E00	-1.81E05	972.6	2	0.00E00	-1.81E05	0.00	6.6
0.0	2																
213	o	100	40	5.7	5.7	4.6	4.6	-43.1	2	0.00E00	-5.15E05	2759.2	2	0.00E00	-5.15E05	0.00	18.7
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-16.0	2	0.00E00	-1.91E05	1024.7	2	0.00E00	-1.91E05	0.00	6.9
0.0	2																
214	o	100	40	5.7	5.7	4.6	4.6	-42.9	2	0.00E00	-5.13E05	2752.1	2	0.00E00	-5.13E05	0.00	18.6
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-17.0	2	0.00E00	-2.03E05	1088.0	2	0.00E00	-2.03E05	0.00	7.4
0.0	2																
215	o	100	40	5.7	5.7	4.6	4.6	-42.4	2	0.00E00	-5.07E05	2716.9	2	0.00E00	-5.07E05	0.00	18.4
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-18.1	2	0.00E00	-2.17E05	1161.0	2	0.00E00	-2.17E05	0.00	7.9
0.0	2																
216	o	100	40	5.7	5.7	4.6	4.6	-41.4	2	0.00E00	-4.95E05	2651.6	2	0.00E00	-4.95E05	0.00	17.9
0.0	2																

	v	100	40	5.7	5.7	4.6	4.6	-19.3	2	0.00E00	-2.31E05	1239.7	2	0.00E00	-2.31E05	0.00	8.4	0.0 2
217	o	100	40	5.7	5.7	4.6	4.6	-39.8	2	0.00E00	-4.76E05	2553.1	2	0.00E00	-4.76E05	0.00	17.3	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-20.6	2	0.00E00	-2.46E05	1317.0	2	0.00E00	-2.46E05	0.00	8.9	0.0 2
218	o	100	40	5.7	5.7	4.6	4.6	-37.7	2	0.00E00	-4.51E05	2417.0	2	0.00E00	-4.51E05	0.00	16.4	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-21.5	2	0.00E00	-2.58E05	1380.7	2	0.00E00	-2.58E05	0.00	9.3	0.0 2
219	o	100	40	5.7	5.7	4.6	4.6	-34.9	2	0.00E00	-4.17E05	2237.9	2	0.00E00	-4.17E05	0.00	15.1	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-22.0	2	0.00E00	-2.63E05	1411.0	2	0.00E00	-2.63E05	0.00	9.5	0.0 2
220	o	100	40	5.7	5.7	4.6	4.6	-31.4	2	0.00E00	-3.75E05	2010.4	2	0.00E00	-3.75E05	0.00	13.6	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-21.5	2	0.00E00	-2.57E05	1378.5	2	0.00E00	-2.57E05	0.00	9.3	0.0 2
221	o	100	40	5.7	5.7	4.6	4.6	-27.0	2	0.00E00	-3.23E05	1731.3	2	0.00E00	-3.23E05	0.00	11.7	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-19.4	2	0.00E00	-2.32E05	1242.6	2	0.00E00	-2.32E05	0.00	8.4	0.0 2
222	o	100	40	5.7	5.7	4.6	4.6	-21.9	2	0.00E00	-2.61E05	1400.5	2	0.00E00	-2.61E05	0.00	9.5	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-14.9	2	0.00E00	-1.78E05	952.3	2	0.00E00	-1.78E05	0.00	6.4	0.0 2
223	o	100	40	5.7	5.7	4.6	4.6	-16.1	2	0.00E00	-1.93E05	1033.2	2	0.00E00	-1.93E05	0.00	7.0	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-7.2	2	0.00E00	-8.64E04	463.1	2	0.00E00	-8.64E04	0.00	3.1	0.0 2
224	o	100	40	5.7	5.7	4.6	4.6	-8.1	2	0.00E00	-9.72E04	521.2	2	0.00E00	-9.72E04	0.00	3.5	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-16.8	2	0.00E00	2.00E05	1074.8	2	0.00E00	2.00E05	0.00	7.3	0.0 1
225	o	50	40	3.4	3.4	4.6	4.6	-2.3	2	0.00E00	-1.51E04	135.9	2	0.00E00	-1.51E04	0.00	1.1	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-1.6	2	0.00E00	-1.89E04	101.4	2	0.00E00	-1.89E04	0.00	0.7	0.0 2
226	o	50	40	3.4	3.4	4.6	4.6	-1.2	2	0.00E00	-7.95E03	71.5	2	0.00E00	-7.95E03	0.00	0.6	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-1.0	2	0.00E00	-1.24E04	66.2	2	0.00E00	-1.24E04	0.00	0.4	0.0 2
227	o	100	40	5.7	5.7	4.6	4.6	-5.4	2	0.00E00	-6.40E04	343.1	2	0.00E00	-6.40E04	0.00	2.3	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-13.8	2	0.00E00	1.65E05	884.2	2	0.00E00	1.65E05	0.00	6.0	0.0 1
228	o	100	40	5.3	5.3	4.6	4.6	-12.1	2	0.00E00	-1.40E05	795.5	2	0.00E00	-1.40E05	0.00	5.1	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-1.3	2	0.00E00	-1.50E04	80.7	2	0.00E00	-1.50E04	0.00	0.5	0.0 2
229	o	100	40	5.7	5.7	4.6	4.6	-17.5	2	0.00E00	-2.09E05	1120.0	2	0.00E00	-2.09E05	0.00	7.6	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-10.7	2	0.00E00	-1.29E05	688.9	2	0.00E00	-1.29E05	0.00	4.7	0.0 2
230	o	100	40	5.7	5.7	4.6	4.6	-22.9	2	0.00E00	-2.73E05	1464.9	2	0.00E00	-2.73E05	0.00	9.9	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-15.6	2	0.00E00	-1.87E05	1002.1	2	0.00E00	-1.87E05	0.00	6.8	0.0 2
231	o	100	40	5.7	5.7	4.6	4.6	-27.7	2	0.00E00	-3.31E05	1773.2	2	0.00E00	-3.31E05	0.00	12.0	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-18.2	2	0.00E00	-2.18E05	1169.3	2	0.00E00	-2.18E05	0.00	7.9	0.0 2
232	o	100	40	5.7	5.7	4.6	4.6	-31.8	2	0.00E00	-3.81E05	2039.9	2	0.00E00	-3.81E05	0.00	13.8	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-19.3	2	0.00E00	-2.31E05	1236.1	2	0.00E00	-2.31E05	0.00	8.4	0.0 2
233	o	100	40	5.7	9.0	4.6	4.6	-29.0	2	0.00E00	-4.22E05	1435.6	2	0.00E00	-4.22E05	0.00	15.2	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-19.3	2	0.00E00	-2.31E05	1240.0	2	0.00E00	-2.31E05	0.00	8.4	0.0 2
234	o	100	40	5.7	11.3	4.6	4.6	-28.6	2	0.00E00	-4.56E05	1250.1	2	0.00E00	-4.56E05	0.00	16.3	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-18.9	2	0.00E00	-2.25E05	1208.7	2	0.00E00	-2.25E05	0.00	8.2	0.0 2
235	o	100	40	5.7	11.3	4.6	4.6	-30.3	2	0.00E00	-4.82E05	1322.5	2	0.00E00	-4.82E05	0.00	17.2	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-18.1	2	0.00E00	-2.17E05	1161.1	2	0.00E00	-2.17E05	0.00	7.9	0.0 2
236	o	100	40	5.7	11.3	4.6	4.6	-31.5	2	0.00E00	-5.02E05	1376.3	2	0.00E00	-5.02E05	0.00	17.9	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-17.3	2	0.00E00	-2.07E05	1109.9	2	0.00E00	-2.07E05	0.00	7.5	0.0 2
237	o	100	40	5.7	9.0	4.6	4.6	-35.3	2	0.00E00	-5.15E05	1752.4	2	0.00E00	-5.15E05	0.00	18.5	0.0 2
	v	100	40	5.7	5.7	4.6	4.6	-16.6	2	0.00E00	-1.98E05	1062.6	2	0.00E00	-1.98E05	0.00	7.2	0.0 2
238	o	100	40	5.7	5.7	4.6	4.6	-43.7	2	0.00E00	-5.23E05	2802.9	2	0.00E00	-5.23E05	0.00	19.0	0.0 2

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        v 100  40   5.7   5.7  4.6  4.6  -16.0  2  0.00E00 -1.91E05  1023.7  2  0.00E00 -1.91E05   0.00  6.9
0.0  2
  239   o 100  40   5.7   5.7  4.6  4.6  -43.9  2  0.00E00 -5.25E05  2816.5  2  0.00E00 -5.25E05   0.00 19.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -15.5  2  0.00E00 -1.86E05   995.5  2  0.00E00 -1.86E05   0.00  6.7
0.0  2
  240   o 100  40   5.7   5.7  4.6  4.6  -44.0  2  0.00E00 -5.25E05  2816.8  2  0.00E00 -5.25E05   0.00 19.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -15.5  2  0.00E00 -1.86E05   995.3  2  0.00E00 -1.86E05   0.00  6.7
0.0  2
  241   o 100  40   5.7   5.7  4.6  4.6  -43.8  2  0.00E00 -5.23E05  2804.5  2  0.00E00 -5.23E05   0.00 19.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.0  2  0.00E00 -1.91E05  1025.4  2  0.00E00 -1.91E05   0.00  6.9
0.0  2
  242   o 100  40   5.7   5.7  4.6  4.6  -43.2  2  0.00E00 -5.16E05  2766.1  2  0.00E00 -5.16E05   0.00 18.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.6  2  0.00E00 -1.99E05  1066.3  2  0.00E00 -1.99E05   0.00  7.2
0.0  2
  243   o 100  40   5.7   5.7  4.6  4.6  -42.1  2  0.00E00 -5.03E05  2696.3  2  0.00E00 -5.03E05   0.00 18.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.4  2  0.00E00 -2.08E05  1115.8  2  0.00E00 -2.08E05   0.00  7.5
0.0  2
  244   o 100  40   5.7   5.7  4.6  4.6  -40.5  2  0.00E00 -4.84E05  2592.8  2  0.00E00 -4.84E05   0.00 17.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.2  2  0.00E00 -2.18E05  1169.3  2  0.00E00 -2.18E05   0.00  7.9
0.0  2
  245   o 100  40   5.7   5.7  4.6  4.6  -38.3  2  0.00E00 -4.58E05  2452.6  2  0.00E00 -4.58E05   0.00 16.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.0  2  0.00E00 -2.27E05  1219.3  2  0.00E00 -2.27E05   0.00  8.3
0.0  2
  246   o 100  40   5.7   5.7  4.6  4.6  -35.5  2  0.00E00 -4.24E05  2272.5  2  0.00E00 -4.24E05   0.00 15.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.6  2  0.00E00 -2.34E05  1253.4  2  0.00E00 -2.34E05   0.00  8.5
0.0  2
  247   o 100  40   5.7   5.7  4.6  4.6  -32.0  2  0.00E00 -3.82E05  2049.8  2  0.00E00 -3.82E05   0.00 13.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.5  2  0.00E00 -2.34E05  1252.3  2  0.00E00 -2.34E05   0.00  8.5
0.0  2
  248   o 100  40   5.7   5.7  4.6  4.6  -27.8  2  0.00E00 -3.33E05  1783.3  2  0.00E00 -3.33E05   0.00 12.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.5  2  0.00E00 -2.22E05  1188.3  2  0.00E00 -2.22E05   0.00  8.0
0.0  2
  249   o 100  40   5.7   5.7  4.6  4.6  -23.0  2  0.00E00 -2.75E05  1474.6  2  0.00E00 -2.75E05   0.00 10.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.0  2  0.00E00 -1.91E05  1024.0  2  0.00E00 -1.91E05   0.00  6.9
0.0  2
  250   o 100  40   5.7   5.7  4.6  4.6  -17.6  2  0.00E00 -2.11E05  1128.7  2  0.00E00 -2.11E05   0.00  7.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -11.1  2  0.00E00 -1.33E05   713.5  2  0.00E00 -1.33E05   0.00  4.8
0.0  2
  251   o 100  40   5.7   5.7  4.6  4.6  -11.8  2  0.00E00 -1.41E05   757.8  2  0.00E00 -1.41E05   0.00  5.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -3.3  2  0.00E00 -3.97E04   212.9  2  0.00E00 -3.97E04   0.00  1.4
0.0  2
  252   o 100  40   5.7   5.7  4.6  4.6   -5.4  2  0.00E00 -6.43E04   344.7  2  0.00E00 -6.43E04   0.00  2.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -13.4  2  0.00E00  1.60E05   857.8  2  0.00E00  1.60E05   0.00  5.8
0.0  1
  253   o  50  40   3.4   3.4  4.6  4.6   -1.4  2  0.00E00 -9.22E03    82.9  2  0.00E00 -9.22E03   0.00  0.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -1.1  2  0.00E00 -1.26E04    67.4  2  0.00E00 -1.26E04   0.00  0.5
0.0  2
  254   o  50  40   3.4   3.4  4.6  4.6   -1.2  2  0.00E00 -8.07E03    72.6  2  0.00E00 -8.07E03   0.00  0.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -1.0  2  0.00E00 -1.25E04    66.8  2  0.00E00 -1.25E04   0.00  0.5
0.0  2
  255   o 100  40   5.7   5.7  4.6  4.6   -5.4  2  0.00E00 -6.50E04   348.4  2  0.00E00 -6.50E04   0.00  2.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -13.8  2  0.00E00  1.66E05   887.3  2  0.00E00  1.66E05   0.00  6.0
0.0  1
  256   o 100  40   5.3   5.3  4.6  4.6  -12.2  2  0.00E00 -1.42E05   804.2  2  0.00E00 -1.42E05   0.00  5.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -1.3  2  0.00E00 -1.52E04    81.6  2  0.00E00 -1.52E04   0.00  0.6
0.0  2
  257   o 100  40   5.7   5.7  4.6  4.6  -17.6  2  0.00E00 -2.10E05  1127.2  2  0.00E00 -2.10E05   0.00  7.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -10.8  2  0.00E00 -1.29E05   692.8  2  0.00E00 -1.29E05   0.00  4.7
0.0  2
  258   o 100  40   5.7   5.7  4.6  4.6  -22.9  2  0.00E00 -2.74E05  1470.5  2  0.00E00 -2.74E05   0.00  9.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -15.7  2  0.00E00 -1.88E05  1005.4  2  0.00E00 -1.88E05   0.00  6.8
0.0  2
  259   o 100  40   5.7   5.7  4.6  4.6  -27.7  2  0.00E00 -3.31E05  1776.9  2  0.00E00 -3.31E05   0.00 12.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.3  2  0.00E00 -2.19E05  1171.9  2  0.00E00 -2.19E05   0.00  7.9
0.0  2
  260   o 100  40   5.7   5.7  4.6  4.6  -31.9  2  0.00E00 -3.81E05  2041.7  2  0.00E00 -3.81E05   0.00 13.8
0.0  2
```

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        v 100  40   5.7   5.7  4.6  4.6  -19.3  2  0.00E00 -2.31E05  1238.2  2  0.00E00 -2.31E05   0.00  8.4
0.0  2
  261   o 100  40   5.7   9.0  4.6  4.6  -29.0  2  0.00E00 -4.22E05  1435.7  2  0.00E00 -4.22E05   0.00 15.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.4  2  0.00E00 -2.32E05  1241.5  2  0.00E00 -2.32E05   0.00  8.4
0.0  2
  262   o 100  40   5.7  11.3  4.6  4.6  -28.6  2  0.00E00 -4.56E05  1249.5  2  0.00E00 -4.56E05   0.00 16.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.9  2  0.00E00 -2.26E05  1209.7  2  0.00E00 -2.26E05   0.00  8.2
0.0  2
  263   o 100  40   5.7  11.3  4.6  4.6  -30.2  2  0.00E00 -4.82E05  1321.2  2  0.00E00 -4.82E05   0.00 17.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.1  2  0.00E00 -2.17E05  1161.7  2  0.00E00 -2.17E05   0.00  7.9
0.0  2
  264   o 100  40   5.7  11.3  4.6  4.6  -31.5  2  0.00E00 -5.01E05  1374.4  2  0.00E00 -5.01E05   0.00 17.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.3  2  0.00E00 -2.07E05  1110.0  2  0.00E00 -2.07E05   0.00  7.5
0.0  2
  265   o 100  40   5.7   9.0  4.6  4.6  -35.3  2  0.00E00 -5.14E05  1749.3  2  0.00E00 -5.14E05   0.00 18.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.6  2  0.00E00 -1.98E05  1062.4  2  0.00E00 -1.98E05   0.00  7.2
0.0  2
  266   o 100  40   5.7   5.7  4.6  4.6  -43.6  2  0.00E00 -5.22E05  2797.2  2  0.00E00 -5.22E05   0.00 18.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.0  2  0.00E00 -1.91E05  1023.2  2  0.00E00 -1.91E05   0.00  6.9
0.0  2
  267   o 100  40   5.7   5.7  4.6  4.6  -43.9  2  0.00E00 -5.24E05  2810.3  2  0.00E00 -5.24E05   0.00 19.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -15.5  2  0.00E00 -1.86E05   994.6  2  0.00E00 -1.86E05   0.00  6.7
0.0  2
  268   o 100  40   5.7   5.7  4.6  4.6  -43.9  2  0.00E00 -5.24E05  2810.7  2  0.00E00 -5.24E05   0.00 19.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -15.5  2  0.00E00 -1.86E05   994.6  2  0.00E00 -1.86E05   0.00  6.7
0.0  2
  269   o 100  40   5.7   5.7  4.6  4.6  -43.7  2  0.00E00 -5.22E05  2799.1  2  0.00E00 -5.22E05   0.00 18.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.0  2  0.00E00 -1.91E05  1025.0  2  0.00E00 -1.91E05   0.00  6.9
0.0  2
  270   o 100  40   5.7   5.7  4.6  4.6  -43.1  2  0.00E00 -5.15E05  2761.6  2  0.00E00 -5.15E05   0.00 18.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.6  2  0.00E00 -1.99E05  1066.3  2  0.00E00 -1.99E05   0.00  7.2
0.0  2
  271   o 100  40   5.7   5.7  4.6  4.6  -42.0  2  0.00E00 -5.02E05  2692.8  2  0.00E00 -5.02E05   0.00 18.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.4  2  0.00E00 -2.08E05  1116.0  2  0.00E00 -2.08E05   0.00  7.6
0.0  2
  272   o 100  40   5.7   5.7  4.6  4.6  -40.4  2  0.00E00 -4.83E05  2590.5  2  0.00E00 -4.83E05   0.00 17.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.3  2  0.00E00 -2.18E05  1170.0  2  0.00E00 -2.18E05   0.00  7.9
0.0  2
  273   o 100  40   5.7   5.7  4.6  4.6  -38.3  2  0.00E00 -4.57E05  2451.6  2  0.00E00 -4.57E05   0.00 16.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.0  2  0.00E00 -2.28E05  1220.5  2  0.00E00 -2.28E05   0.00  8.3
0.0  2
  274   o 100  40   5.7   5.7  4.6  4.6  -35.5  2  0.00E00 -4.24E05  2273.0  2  0.00E00 -4.24E05   0.00 15.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.6  2  0.00E00 -2.34E05  1255.0  2  0.00E00 -2.34E05   0.00  8.5
0.0  2
  275   o 100  40   5.7   5.7  4.6  4.6  -32.0  2  0.00E00 -3.83E05  2052.0  2  0.00E00 -3.83E05   0.00 13.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.6  2  0.00E00 -2.34E05  1254.5  2  0.00E00 -2.34E05   0.00  8.5
0.0  2
  276   o 100  40   5.7   5.7  4.6  4.6  -27.9  2  0.00E00 -3.33E05  1787.3  2  0.00E00 -3.33E05   0.00 12.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.6  2  0.00E00 -2.22E05  1191.1  2  0.00E00 -2.22E05   0.00  8.1
0.0  2
  277   o 100  40   5.7   5.7  4.6  4.6  -23.1  2  0.00E00 -2.76E05  1480.5  2  0.00E00 -2.76E05   0.00 10.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.0  2  0.00E00 -1.92E05  1027.5  2  0.00E00 -1.92E05   0.00  7.0
0.0  2
  278   o 100  40   5.7   5.7  4.6  4.6  -17.7  2  0.00E00 -2.12E05  1136.3  2  0.00E00 -2.12E05   0.00  7.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -11.2  2  0.00E00 -1.34E05   717.6  2  0.00E00 -1.34E05   0.00  4.9
0.0  2
  279   o 100  40   5.7   5.7  4.6  4.6  -12.0  2  0.00E00 -1.43E05   766.3  2  0.00E00 -1.43E05   0.00  5.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -3.4  2  0.00E00 -4.06E04   217.8  2  0.00E00 -4.06E04   0.00  1.5
0.0  2
  280   o 100  40   5.7   5.7  4.6  4.6   -5.5  2  0.00E00 -6.53E04   350.2  2  0.00E00 -6.53E04   0.00  2.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -13.4  2  0.00E00  1.61E05   861.1  2  0.00E00  1.61E05   0.00  5.8
0.0  1
  281   o  50  40   3.4   3.4  4.6  4.6   -1.4  2  0.00E00 -9.37E03    84.3  2  0.00E00 -9.37E03   0.00  0.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -1.1  2  0.00E00 -1.27E04    68.0  2  0.00E00 -1.27E04   0.00  0.5
0.0  2
  282   o  50  40   3.4   3.4  4.6  4.6   -2.0  2  0.00E00 -1.31E04   117.5  2  0.00E00 -1.31E04   0.00  0.9
0.0  2
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        v 100  40   5.7   5.7  4.6  4.6   -1.6  2  0.00E00 -1.88E04   100.6  2  0.00E00 -1.88E04   0.00  0.7
0.0  2
  283   o 100  40   5.7   5.7  4.6  4.6   -8.1  2  0.00E00 -9.73E04   521.9  2  0.00E00 -9.73E04   0.00  3.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.2  2  0.00E00  2.05E05  1101.1  2  0.00E00  2.05E05   0.00  7.5
0.0  1
  284   o 100  40   5.3   5.3  4.6  4.6  -16.5  2  0.00E00 -1.92E05  1087.8  2  0.00E00 -1.92E05   0.00  7.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -5.8  2  0.00E00 -6.98E04   374.2  2  0.00E00 -6.98E04   0.00  2.5
0.0  2
  285   o 100  40   5.7   5.7  4.6  4.6  -21.7  2  0.00E00 -2.59E05  1390.4  2  0.00E00 -2.59E05   0.00  9.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -14.6  2  0.00E00 -1.74E05   933.5  2  0.00E00 -1.74E05   0.00  6.3
0.0  2
  286   o 100  40   5.7   5.7  4.6  4.6  -26.8  2  0.00E00 -3.20E05  1717.9  2  0.00E00 -3.20E05   0.00 11.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.1  2  0.00E00 -2.29E05  1225.3  2  0.00E00 -2.29E05   0.00  8.3
0.0  2
  287   o 100  40   5.7   5.7  4.6  4.6  -31.1  2  0.00E00 -3.72E05  1994.1  2  0.00E00 -3.72E05   0.00 13.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -21.3  2  0.00E00 -2.54E05  1363.1  2  0.00E00 -2.54E05   0.00  9.2
0.0  2
  288   o 100  40   5.7   5.7  4.6  4.6  -34.6  2  0.00E00 -4.14E05  2219.5  2  0.00E00 -4.14E05   0.00 15.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -21.8  2  0.00E00 -2.61E05  1397.7  2  0.00E00 -2.61E05   0.00  9.5
0.0  2
  289   o 100  40   5.7   9.0  4.6  4.6  -30.7  2  0.00E00 -4.47E05  1520.6  2  0.00E00 -4.47E05   0.00 16.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -21.4  2  0.00E00 -2.55E05  1369.5  2  0.00E00 -2.55E05   0.00  9.3
0.0  2
  290   o 100  40   5.7  11.3  4.6  4.6  -29.6  2  0.00E00 -4.72E05  1295.3  2  0.00E00 -4.72E05   0.00 16.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.4  2  0.00E00 -2.44E05  1307.9  2  0.00E00 -2.44E05   0.00  8.8
0.0  2
  291   o 100  40   5.7  11.3  4.6  4.6  -30.8  2  0.00E00 -4.91E05  1345.6  2  0.00E00 -4.91E05   0.00 17.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.2  2  0.00E00 -2.30E05  1232.4  2  0.00E00 -2.30E05   0.00  8.3
0.0  2
  292   o 100  40   5.7  11.3  4.6  4.6  -31.6  2  0.00E00 -5.03E05  1379.1  2  0.00E00 -5.03E05   0.00 18.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.0  2  0.00E00 -2.16E05  1155.4  2  0.00E00 -2.16E05   0.00  7.8
0.0  2
  293   o 100  40   5.7   9.0  4.6  4.6  -35.0  2  0.00E00 -5.10E05  1733.2  2  0.00E00 -5.10E05   0.00 18.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.9  2  0.00E00 -2.02E05  1084.1  2  0.00E00 -2.02E05   0.00  7.3
0.0  2
  294   o 100  40   5.7   5.7  4.6  4.6  -42.8  2  0.00E00 -5.11E05  2740.5  2  0.00E00 -5.11E05   0.00 18.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.0  2  0.00E00 -1.91E05  1022.2  2  0.00E00 -1.91E05   0.00  6.9
0.0  2
  295   o 100  40   5.7   5.7  4.6  4.6  -42.6  2  0.00E00 -5.09E05  2728.6  2  0.00E00 -5.09E05   0.00 18.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -15.2  2  0.00E00 -1.81E05   971.5  2  0.00E00 -1.81E05   0.00  6.6
0.0  2
  296   o 100  40   5.7   5.7  4.6  4.6  -42.6  2  0.00E00 -5.09E05  2728.3  2  0.00E00 -5.09E05   0.00 18.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -15.1  2  0.00E00 -1.81E05   970.2  2  0.00E00 -1.81E05   0.00  6.6
0.0  2
  297   o 100  40   5.7   5.7  4.6  4.6  -42.8  2  0.00E00 -5.11E05  2740.8  2  0.00E00 -5.11E05   0.00 18.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.0  2  0.00E00 -1.91E05  1022.8  2  0.00E00 -1.91E05   0.00  6.9
0.0  2
  298   o 100  40   5.7   5.7  4.6  4.6  -42.7  2  0.00E00 -5.10E05  2734.7  2  0.00E00 -5.10E05   0.00 18.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.0  2  0.00E00 -2.03E05  1086.7  2  0.00E00 -2.03E05   0.00  7.4
0.0  2
  299   o 100  40   5.7   5.7  4.6  4.6  -42.1  2  0.00E00 -5.04E05  2700.7  2  0.00E00 -5.04E05   0.00 18.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.1  2  0.00E00 -2.16E05  1160.3  2  0.00E00 -2.16E05   0.00  7.9
0.0  2
  300   o 100  40   5.7   5.7  4.6  4.6  -41.1  2  0.00E00 -4.92E05  2637.0  2  0.00E00 -4.92E05   0.00 17.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.3  2  0.00E00 -2.31E05  1239.8  2  0.00E00 -2.31E05   0.00  8.4
0.0  2
  301   o 100  40   5.7   5.7  4.6  4.6  -39.6  2  0.00E00 -4.74E05  2540.3  2  0.00E00 -4.74E05   0.00 17.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.6  2  0.00E00 -2.46E05  1317.9  2  0.00E00 -2.46E05   0.00  8.9
0.0  2
  302   o 100  40   5.7   5.7  4.6  4.6  -37.5  2  0.00E00 -4.49E05  2406.2  2  0.00E00 -4.49E05   0.00 16.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -21.6  2  0.00E00 -2.58E05  1382.5  2  0.00E00 -2.58E05   0.00  9.4
0.0  2
  303   o 100  40   5.7   5.7  4.6  4.6  -34.8  2  0.00E00 -4.16E05  2229.6  2  0.00E00 -4.16E05   0.00 15.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.1  2  0.00E00 -2.64E05  1413.8  2  0.00E00 -2.64E05   0.00  9.6
0.0  2
  304   o 100  40   5.7   5.7  4.6  4.6  -31.3  2  0.00E00 -3.74E05  2004.9  2  0.00E00 -3.74E05   0.00 13.6
0.0  2
```

	v	100	40	5.7	5.7	4.6	4.6	-21.6	2	0.00E00	-2.58E05	1382.5	2	0.00E00	-2.58E05	0.00	9.4
0.0	2																
305	o	100	40	5.7	5.7	4.6	4.6	-27.0	2	0.00E00	-3.23E05	1728.9	2	0.00E00	-3.23E05	0.00	11.7
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-19.5	2	0.00E00	-2.33E05	1248.0	2	0.00E00	-2.33E05	0.00	8.4
0.0	2																
306	o	100	40	5.7	5.7	4.6	4.6	-21.9	2	0.00E00	-2.61E05	1401.1	2	0.00E00	-2.61E05	0.00	9.5
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-15.0	2	0.00E00	-1.79E05	958.9	2	0.00E00	-1.79E05	0.00	6.5
0.0	2																
307	o	100	40	5.7	5.7	4.6	4.6	-16.2	2	0.00E00	-1.93E05	1036.6	2	0.00E00	-1.93E05	0.00	7.0
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-7.4	2	0.00E00	-8.81E04	472.0	2	0.00E00	-8.81E04	0.00	3.2
0.0	2																
308	o	100	40	5.7	5.7	4.6	4.6	-8.2	2	0.00E00	-9.77E04	523.8	2	0.00E00	-9.77E04	0.00	3.5
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-16.9	2	0.00E00	2.01E05	1079.9	2	0.00E00	2.01E05	0.00	7.3
0.0	1																
309	o	50	40	3.4	3.4	4.6	4.6	-2.3	2	0.00E00	-1.52E04	136.3	2	0.00E00	-1.52E04	0.00	1.1
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-1.6	2	0.00E00	-1.91E04	102.6	2	0.00E00	-1.91E04	0.00	0.7
0.0	2																
310	o	50	40	3.4	3.4	4.6	4.6	-9.1	2	0.00E00	-5.90E04	530.7	2	0.00E00	-5.90E04	0.00	4.3
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-2.2	2	0.00E00	-2.66E04	142.5	2	0.00E00	-2.66E04	0.00	1.0
0.0	2																
311	o	100	40	5.7	5.7	4.6	4.6	-12.6	2	0.00E00	-1.50E05	804.9	2	0.00E00	-1.50E05	0.00	5.4
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-20.1	2	0.00E00	2.40E05	1289.1	2	0.00E00	2.40E05	0.00	8.7
0.0	1																
312	o	100	40	5.3	5.3	4.6	4.6	-20.5	2	0.00E00	-2.38E05	1353.8	2	0.00E00	-2.38E05	0.00	8.7
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-11.6	2	0.00E00	-1.39E05	744.0	2	0.00E00	-1.39E05	0.00	5.0
0.0	2																
313	o	100	40	5.7	5.7	4.6	4.6	-25.4	2	0.00E00	-3.03E05	1626.8	2	0.00E00	-3.03E05	0.00	11.0
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-18.8	2	0.00E00	-2.24E05	1202.7	2	0.00E00	-2.24E05	0.00	8.1
0.0	2																
314	o	100	40	5.7	5.7	4.6	4.6	-30.0	2	0.00E00	-3.59E05	1925.1	2	0.00E00	-3.59E05	0.00	13.0
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-22.7	2	0.00E00	-2.71E05	1454.0	2	0.00E00	-2.71E05	0.00	9.8
0.0	2																
315	o	100	40	5.7	5.7	4.6	4.6	-33.6	2	0.00E00	-4.02E05	2156.2	2	0.00E00	-4.02E05	0.00	14.6
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-24.1	2	0.00E00	-2.88E05	1546.0	2	0.00E00	-2.88E05	0.00	10.5
0.0	2																
316	o	100	40	5.7	5.7	4.6	4.6	-36.3	2	0.00E00	-4.34E05	2328.2	2	0.00E00	-4.34E05	0.00	15.8
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-24.0	2	0.00E00	-2.87E05	1537.1	2	0.00E00	-2.87E05	0.00	10.4
0.0	2																
317	o	100	40	5.7	9.0	4.6	4.6	-31.4	2	0.00E00	-4.57E05	1554.4	2	0.00E00	-4.57E05	0.00	16.4
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-22.9	2	0.00E00	-2.74E05	1470.5	2	0.00E00	-2.74E05	0.00	9.9
0.0	2																
318	o	100	40	5.7	11.3	4.6	4.6	-29.7	2	0.00E00	-4.73E05	1295.6	2	0.00E00	-4.73E05	0.00	16.9
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-21.5	2	0.00E00	-2.57E05	1375.6	2	0.00E00	-2.57E05	0.00	9.3
0.0	2																
319	o	100	40	5.7	11.3	4.6	4.6	-30.2	2	0.00E00	-4.82E05	1321.4	2	0.00E00	-4.82E05	0.00	17.2
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-19.8	2	0.00E00	-2.37E05	1271.0	2	0.00E00	-2.37E05	0.00	8.6
0.0	2																
320	o	100	40	5.7	11.3	4.6	4.6	-30.5	2	0.00E00	-4.86E05	1333.4	2	0.00E00	-4.86E05	0.00	17.4
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-18.2	2	0.00E00	-2.18E05	1167.9	2	0.00E00	-2.18E05	0.00	7.9
0.0	2																
321	o	100	40	5.7	9.0	4.6	4.6	-33.4	2	0.00E00	-4.86E05	1653.4	2	0.00E00	-4.86E05	0.00	17.5
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-16.7	2	0.00E00	-2.00E05	1072.3	2	0.00E00	-2.00E05	0.00	7.3
0.0	2																
322	o	100	40	5.7	5.7	4.6	4.6	-40.3	2	0.00E00	-4.82E05	2583.1	2	0.00E00	-4.82E05	0.00	17.5
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-15.4	2	0.00E00	-1.84E05	987.0	2	0.00E00	-1.84E05	0.00	6.7
0.0	2																
323	o	100	40	5.7	5.7	4.6	4.6	-39.7	2	0.00E00	-4.75E05	2547.0	2	0.00E00	-4.75E05	0.00	17.2
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-14.2	2	0.00E00	-1.70E05	912.7	2	0.00E00	-1.70E05	0.00	6.2
0.0	2																
324	o	100	40	5.7	5.7	4.6	4.6	-39.7	2	0.00E00	-4.75E05	2545.9	2	0.00E00	-4.75E05	0.00	17.2
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-14.2	2	0.00E00	-1.70E05	909.9	2	0.00E00	-1.70E05	0.00	6.2
0.0	2																
325	o	100	40	5.7	5.7	4.6	4.6	-40.3	2	0.00E00	-4.82E05	2581.8	2	0.00E00	-4.82E05	0.00	17.5
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-15.4	2	0.00E00	-1.84E05	986.0	2	0.00E00	-1.84E05	0.00	6.7
0.0	2																
326	o	100	40	5.7	5.7	4.6	4.6	-40.7	2	0.00E00	-4.86E05	2607.3	2	0.00E00	-4.86E05	0.00	17.6
0.0	2																

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        v 100  40   5.7   5.7  4.6  4.6  -16.7  2  0.00E00 -2.00E05  1073.4  2  0.00E00 -2.00E05   0.00  7.3
0.0  2
  327   o 100  40   5.7   5.7  4.6  4.6  -40.7  2  0.00E00 -4.87E05  2609.9  2  0.00E00 -4.87E05   0.00 17.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.3  2  0.00E00 -2.18E05  1171.2  2  0.00E00 -2.18E05   0.00  7.9
0.0  2
  328   o 100  40   5.7   5.7  4.6  4.6  -40.4  2  0.00E00 -4.83E05  2588.3  2  0.00E00 -4.83E05   0.00 17.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.9  2  0.00E00 -2.38E05  1276.9  2  0.00E00 -2.38E05   0.00  8.6
0.0  2
  329   o 100  40   5.7   5.7  4.6  4.6  -39.6  2  0.00E00 -4.74E05  2539.6  2  0.00E00 -4.74E05   0.00 17.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -21.6  2  0.00E00 -2.58E05  1384.2  2  0.00E00 -2.58E05   0.00  9.4
0.0  2
  330   o 100  40   5.7   5.7  4.6  4.6  -38.4  2  0.00E00 -4.59E05  2458.7  2  0.00E00 -4.59E05   0.00 16.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -23.1  2  0.00E00 -2.77E05  1482.3  2  0.00E00 -2.77E05   0.00 10.0
0.0  2
  331   o 100  40   5.7   5.7  4.6  4.6  -36.5  2  0.00E00 -4.36E05  2337.9  2  0.00E00 -4.36E05   0.00 15.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -24.2  2  0.00E00 -2.90E05  1552.4  2  0.00E00 -2.90E05   0.00 10.5
0.0  2
  332   o 100  40   5.7   5.7  4.6  4.6  -33.8  2  0.00E00 -4.04E05  2167.1  2  0.00E00 -4.04E05   0.00 14.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -24.4  2  0.00E00 -2.92E05  1564.9  2  0.00E00 -2.92E05   0.00 10.6
0.0  2
  333   o 100  40   5.7   5.7  4.6  4.6  -30.2  2  0.00E00 -3.61E05  1936.8  2  0.00E00 -3.61E05   0.00 13.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -23.0  2  0.00E00 -2.75E05  1476.6  2  0.00E00 -2.75E05   0.00 10.0
0.0  2
  334   o 100  40   5.7   5.7  4.6  4.6  -25.6  2  0.00E00 -3.06E05  1638.9  2  0.00E00 -3.06E05   0.00 11.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.2  2  0.00E00 -2.29E05  1228.1  2  0.00E00 -2.29E05   0.00  8.3
0.0  2
  335   o 100  40   5.7   5.7  4.6  4.6  -20.1  2  0.00E00 -2.41E05  1289.9  2  0.00E00 -2.41E05   0.00  8.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -12.1  2  0.00E00 -1.44E05   773.2  2  0.00E00 -1.44E05   0.00  5.2
0.0  2
  336   o 100  40   5.7   5.7  4.6  4.6  -12.7  2  0.00E00 -1.52E05   814.8  2  0.00E00 -1.52E05   0.00  5.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.9  2  0.00E00  2.38E05  1274.7  2  0.00E00  2.38E05   0.00  8.6
0.0  1
  337   o  50  40   3.4   3.4  4.6  4.6   -9.3  2  0.00E00 -6.07E04   545.3  2  0.00E00 -6.07E04   0.00  4.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -2.3  2  0.00E00 -2.72E04   145.6  2  0.00E00 -2.72E04   0.00  1.0
0.0  2
  338   o  50  40   3.4   3.4  4.6  4.6  -14.2  2  0.00E00 -9.28E04   834.5  2  0.00E00 -9.28E04   0.00  6.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -2.7  2  0.00E00 -3.26E04   174.8  2  0.00E00 -3.26E04   0.00  1.2
0.0  2
  339   o 100  40   5.7   5.7  4.6  4.6  -18.4  2  0.00E00 -2.20E05  1178.7  2  0.00E00 -2.20E05   0.00  8.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -21.8  2  0.00E00  2.61E05  1398.7  2  0.00E00  2.61E05   0.00  9.5
0.0  1
  340   o 100  40   5.3   5.3  4.6  4.6  -24.2  2  0.00E00 -2.81E05  1594.9  2  0.00E00 -2.81E05   0.00 10.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.3  2  0.00E00 -1.95E05  1046.2  2  0.00E00 -1.95E05   0.00  7.1
0.0  2
  341   o 100  40   5.7   5.7  4.6  4.6  -28.5  2  0.00E00 -3.40E05  1824.3  2  0.00E00 -3.40E05   0.00 12.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.5  2  0.00E00 -2.69E05  1444.4  2  0.00E00 -2.69E05   0.00  9.8
0.0  2
  342   o 100  40   5.7   5.7  4.6  4.6  -32.3  2  0.00E00 -3.87E05  2073.1  2  0.00E00 -3.87E05   0.00 14.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -25.5  2  0.00E00 -3.05E05  1632.7  2  0.00E00 -3.05E05   0.00 11.0
0.0  2
  343   o 100  40   5.7   5.7  4.6  4.6  -34.9  2  0.00E00 -4.18E05  2239.0  2  0.00E00 -4.18E05   0.00 15.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -26.0  2  0.00E00 -3.11E05  1664.5  2  0.00E00 -3.11E05   0.00 11.3
0.0  2
  344   o 100  40   5.7   5.7  4.6  4.6  -36.5  2  0.00E00 -4.37E05  2341.6  2  0.00E00 -4.37E05   0.00 15.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -25.1  2  0.00E00 -3.00E05  1607.0  2  0.00E00 -3.00E05   0.00 10.9
0.0  2
  345   o 100  40   5.7   9.0  4.6  4.6  -30.7  2  0.00E00 -4.47E05  1521.0  2  0.00E00 -4.47E05   0.00 16.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -23.5  2  0.00E00 -2.80E05  1503.0  2  0.00E00 -2.80E05   0.00 10.2
0.0  2
  346   o 100  40   5.7  11.3  4.6  4.6  -28.3  2  0.00E00 -4.52E05  1238.4  2  0.00E00 -4.52E05   0.00 16.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -21.5  2  0.00E00 -2.57E05  1379.2  2  0.00E00 -2.57E05   0.00  9.3
0.0  2
  347   o 100  40   5.7  11.3  4.6  4.6  -28.3  2  0.00E00 -4.52E05  1238.3  2  0.00E00 -4.52E05   0.00 16.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.5  2  0.00E00 -2.33E05  1251.4  2  0.00E00 -2.33E05   0.00  8.5
0.0  2
  348   o 100  40   5.7  11.3  4.6  4.6  -28.1  2  0.00E00 -4.48E05  1228.3  2  0.00E00 -4.48E05   0.00 16.0
0.0  2
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        v 100  40   5.7   5.7  4.6  4.6  -17.6  2  0.00E00 -2.10E05  1128.0  2  0.00E00 -2.10E05   0.00  7.6
0.0  2
  349   o 100  40   5.7   9.0  4.6  4.6  -30.3  2  0.00E00 -4.41E05  1500.1  2  0.00E00 -4.41E05   0.00 15.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -15.8  2  0.00E00 -1.89E05  1013.5  2  0.00E00 -1.89E05   0.00  6.9
0.0  2
  350   o 100  40   5.7   5.7  4.6  4.6  -36.1  2  0.00E00 -4.31E05  2311.5  2  0.00E00 -4.31E05   0.00 15.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -14.2  2  0.00E00 -1.70E05   909.4  2  0.00E00 -1.70E05   0.00  6.2
0.0  2
  351   o 100  40   5.7   5.7  4.6  4.6  -35.2  2  0.00E00 -4.20E05  2253.3  2  0.00E00 -4.20E05   0.00 15.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -12.7  2  0.00E00 -1.52E05   815.6  2  0.00E00 -1.52E05   0.00  5.5
0.0  2
  352   o 100  40   5.7   5.7  4.6  4.6  -35.1  2  0.00E00 -4.20E05  2251.5  2  0.00E00 -4.20E05   0.00 15.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -12.7  2  0.00E00 -1.51E05   811.4  2  0.00E00 -1.51E05   0.00  5.5
0.0  2
  353   o 100  40   5.7   5.7  4.6  4.6  -36.0  2  0.00E00 -4.31E05  2308.7  2  0.00E00 -4.31E05   0.00 15.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -14.2  2  0.00E00 -1.69E05   906.9  2  0.00E00 -1.69E05   0.00  6.1
0.0  2
  354   o 100  40   5.7   5.7  4.6  4.6  -36.9  2  0.00E00 -4.41E05  2364.0  2  0.00E00 -4.41E05   0.00 16.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -15.8  2  0.00E00 -1.89E05  1012.9  2  0.00E00 -1.89E05   0.00  6.9
0.0  2
  355   o 100  40   5.7   5.7  4.6  4.6  -37.5  2  0.00E00 -4.48E05  2402.6  2  0.00E00 -4.48E05   0.00 16.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.6  2  0.00E00 -2.11E05  1129.6  2  0.00E00 -2.11E05   0.00  7.6
0.0  2
  356   o 100  40   5.7   5.7  4.6  4.6  -37.8  2  0.00E00 -4.52E05  2424.1  2  0.00E00 -4.52E05   0.00 16.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -19.6  2  0.00E00 -2.34E05  1255.4  2  0.00E00 -2.34E05   0.00  8.5
0.0  2
  357   o 100  40   5.7   5.7  4.6  4.6  -37.9  2  0.00E00 -4.53E05  2426.4  2  0.00E00 -4.53E05   0.00 16.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -21.6  2  0.00E00 -2.59E05  1386.2  2  0.00E00 -2.59E05   0.00  9.4
0.0  2
  358   o 100  40   5.7   5.7  4.6  4.6  -37.5  2  0.00E00 -4.49E05  2404.8  2  0.00E00 -4.49E05   0.00 16.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -23.6  2  0.00E00 -2.82E05  1513.2  2  0.00E00 -2.82E05   0.00 10.2
0.0  2
  359   o 100  40   5.7   5.7  4.6  4.6  -36.7  2  0.00E00 -4.38E05  2350.4  2  0.00E00 -4.38E05   0.00 15.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -25.3  2  0.00E00 -3.02E05  1620.9  2  0.00E00 -3.02E05   0.00 11.0
0.0  2
  360   o 100  40   5.7   5.7  4.6  4.6  -35.1  2  0.00E00 -4.20E05  2249.5  2  0.00E00 -4.20E05   0.00 15.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -26.2  2  0.00E00 -3.14E05  1682.3  2  0.00E00 -3.14E05   0.00 11.4
0.0  2
  361   o 100  40   5.7   5.7  4.6  4.6  -32.5  2  0.00E00 -3.89E05  2085.1  2  0.00E00 -3.89E05   0.00 14.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -25.8  2  0.00E00 -3.09E05  1654.4  2  0.00E00 -3.09E05   0.00 11.2
0.0  2
  362   o 100  40   5.7   5.7  4.6  4.6  -28.7  2  0.00E00 -3.43E05  1837.4  2  0.00E00 -3.43E05   0.00 12.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.9  2  0.00E00 -2.74E05  1469.9  2  0.00E00 -2.74E05   0.00  9.9
0.0  2
  363   o 100  40   5.7   5.7  4.6  4.6  -23.7  2  0.00E00 -2.83E05  1519.6  2  0.00E00 -2.83E05   0.00 10.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.8  2  0.00E00 -2.00E05  1074.1  2  0.00E00 -2.00E05   0.00  7.3
0.0  2
  364   o 100  40   5.7   5.7  4.6  4.6  -18.6  2  0.00E00 -2.23E05  1193.2  2  0.00E00 -2.23E05   0.00  8.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -21.7  2  0.00E00  2.60E05  1393.0  2  0.00E00  2.60E05   0.00  9.4
0.0  1
  365   o  50  40   3.4   3.4  4.6  4.6  -14.6  2  0.00E00 -9.52E04   855.5  2  0.00E00 -9.52E04   0.00  6.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -2.8  2  0.00E00 -3.34E04   179.1  2  0.00E00 -3.34E04   0.00  1.2
0.0  2
  366   o  50  40   3.4   3.4  4.6  4.6  -17.5  2  0.00E00 -1.14E05  1028.1  2  0.00E00 -1.14E05   0.00  8.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -3.0  2  0.00E00 -3.54E04   189.7  2  0.00E00 -3.54E04   0.00  1.3
0.0  2
  367   o 100  40   5.7   5.7  4.6  4.6  -21.8  2  0.00E00 -2.61E05  1399.1  2  0.00E00 -2.61E05   0.00  9.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -21.5  2  0.00E00  2.58E05  1380.6  2  0.00E00  2.58E05   0.00  9.3
0.0  1
  368   o 100  40   5.3   5.3  4.6  4.6  -27.2  2  0.00E00 -3.16E05  1797.3  2  0.00E00 -3.16E05   0.00 11.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.8  2  0.00E00 -2.49E05  1335.3  2  0.00E00 -2.49E05   0.00  9.0
0.0  2
  369   o 100  40   5.7   5.7  4.6  4.6  -30.6  2  0.00E00 -3.65E05  1958.8  2  0.00E00 -3.65E05   0.00 13.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -25.5  2  0.00E00 -3.05E05  1634.6  2  0.00E00 -3.05E05   0.00 11.1
0.0  2
  370   o 100  40   5.7   5.7  4.6  4.6  -33.2  2  0.00E00 -3.97E05  2127.2  2  0.00E00 -3.97E05   0.00 14.4
0.0  2
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        v 100  40   5.7   5.7  4.6  4.6  -27.1  2  0.00E00 -3.24E05  1735.3  2  0.00E00 -3.24E05   0.00 11.7
0.0  2
  371   o 100  40   5.7   5.7  4.6  4.6  -34.4  2  0.00E00 -4.11E05  2202.9  2  0.00E00 -4.11E05   0.00 14.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -26.5  2  0.00E00 -3.17E05  1698.7  2  0.00E00 -3.17E05   0.00 11.5
0.0  2
  372   o 100  40   5.7   5.7  4.6  4.6  -34.7  2  0.00E00 -4.14E05  2221.3  2  0.00E00 -4.14E05   0.00 15.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -24.9  2  0.00E00 -2.97E05  1594.4  2  0.00E00 -2.97E05   0.00 10.8
0.0  2
  373   o 100  40   5.7   5.7  4.6  4.6  -34.4  2  0.00E00 -4.11E05  2204.6  2  0.00E00 -4.11E05   0.00 14.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.8  2  0.00E00 -2.72E05  1459.6  2  0.00E00 -2.72E05   0.00  9.9
0.0  2
  374   o 100  40   5.7   5.7  4.6  4.6  -33.8  2  0.00E00 -4.04E05  2167.6  2  0.00E00 -4.04E05   0.00 14.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.5  2  0.00E00 -2.45E05  1315.1  2  0.00E00 -2.45E05   0.00  8.9
0.0  2
  375   o 100  40   5.7   5.7  4.6  4.6  -33.0  2  0.00E00 -3.95E05  2117.6  2  0.00E00 -3.95E05   0.00 14.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.3  2  0.00E00 -2.19E05  1171.9  2  0.00E00 -2.19E05   0.00  7.9
0.0  2
  376   o 100  40   5.7   5.7  4.6  4.6  -32.1  2  0.00E00 -3.84E05  2057.7  2  0.00E00 -3.84E05   0.00 13.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.2  2  0.00E00 -1.93E05  1035.5  2  0.00E00 -1.93E05   0.00  7.0
0.0  2
  377   o 100  40   5.7   5.7  4.6  4.6  -31.0  2  0.00E00 -3.71E05  1988.2  2  0.00E00 -3.71E05   0.00 13.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -14.2  2  0.00E00 -1.69E05   908.3  2  0.00E00 -1.69E05   0.00  6.1
0.0  2
  378   o 100  40   5.7   5.7  4.6  4.6  -29.8  2  0.00E00 -3.56E05  1908.3  2  0.00E00 -3.56E05   0.00 12.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -12.3  2  0.00E00 -1.48E05   790.8  2  0.00E00 -1.48E05   0.00  5.4
0.0  2
  379   o 100  40   5.7   5.7  4.6  4.6  -28.6  2  0.00E00 -3.42E05  1831.2  2  0.00E00 -3.42E05   0.00 12.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -10.6  2  0.00E00 -1.27E05   682.1  2  0.00E00 -1.27E05   0.00  4.6
0.0  2
  380   o 100  40   5.7   5.7  4.6  4.6  -28.5  2  0.00E00 -3.41E05  1828.8  2  0.00E00 -3.41E05   0.00 12.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -10.6  2  0.00E00 -1.26E05   676.7  2  0.00E00 -1.26E05   0.00  4.6
0.0  2
  381   o 100  40   5.7   5.7  4.6  4.6  -29.7  2  0.00E00 -3.55E05  1904.0  2  0.00E00 -3.55E05   0.00 12.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -12.3  2  0.00E00 -1.47E05   786.9  2  0.00E00 -1.47E05   0.00  5.3
0.0  2
  382   o 100  40   5.7   5.7  4.6  4.6  -31.0  2  0.00E00 -3.70E05  1985.5  2  0.00E00 -3.70E05   0.00 13.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -14.1  2  0.00E00 -1.69E05   906.1  2  0.00E00 -1.69E05   0.00  6.1
0.0  2
  383   o 100  40   5.7   5.7  4.6  4.6  -32.1  2  0.00E00 -3.84E05  2056.7  2  0.00E00 -3.84E05   0.00 13.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -16.2  2  0.00E00 -1.93E05  1035.3  2  0.00E00 -1.93E05   0.00  7.0
0.0  2
  384   o 100  40   5.7   5.7  4.6  4.6  -33.1  2  0.00E00 -3.95E05  2118.6  2  0.00E00 -3.95E05   0.00 14.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -18.3  2  0.00E00 -2.19E05  1174.1  2  0.00E00 -2.19E05   0.00  7.9
0.0  2
  385   o 100  40   5.7   5.7  4.6  4.6  -33.9  2  0.00E00 -4.05E05  2170.6  2  0.00E00 -4.05E05   0.00 14.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.6  2  0.00E00 -2.46E05  1320.1  2  0.00E00 -2.46E05   0.00  8.9
0.0  2
  386   o 100  40   5.7   5.7  4.6  4.6  -34.5  2  0.00E00 -4.12E05  2209.8  2  0.00E00 -4.12E05   0.00 15.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.9  2  0.00E00 -2.74E05  1467.8  2  0.00E00 -2.74E05   0.00  9.9
0.0  2
  387   o 100  40   5.7   5.7  4.6  4.6  -34.8  2  0.00E00 -4.16E05  2228.7  2  0.00E00 -4.16E05   0.00 15.1
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -25.1  2  0.00E00 -3.00E05  1606.2  2  0.00E00 -3.00E05   0.00 10.9
0.0  2
  388   o 100  40   5.7   5.7  4.6  4.6  -34.5  2  0.00E00 -4.13E05  2212.6  2  0.00E00 -4.13E05   0.00 15.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -26.8  2  0.00E00 -3.20E05  1714.5  2  0.00E00 -3.20E05   0.00 11.6
0.0  2
  389   o 100  40   5.7   5.7  4.6  4.6  -33.4  2  0.00E00 -3.99E05  2139.1  2  0.00E00 -3.99E05   0.00 14.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -27.4  2  0.00E00 -3.27E05  1755.3  2  0.00E00 -3.27E05   0.00 11.9
0.0  2
  390   o 100  40   5.7   5.7  4.6  4.6  -30.8  2  0.00E00 -3.68E05  1972.8  2  0.00E00 -3.68E05   0.00 13.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -25.9  2  0.00E00 -3.09E05  1658.6  2  0.00E00 -3.09E05   0.00 11.2
0.0  2
  391   o 100  40   5.7   5.7  4.6  4.6  -26.7  2  0.00E00 -3.20E05  1712.9  2  0.00E00 -3.20E05   0.00 11.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -21.2  2  0.00E00 -2.54E05  1360.7  2  0.00E00 -2.54E05   0.00  9.2
0.0  2
  392   o 100  40   5.7   5.7  4.6  4.6  -22.1  2  0.00E00 -2.64E05  1417.4  2  0.00E00 -2.64E05   0.00  9.6
0.0  2
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	v	100	40	5.7	5.7	4.6	4.6	-21.6	2	0.00E00	2.58E05	1384.7	2	0.00E00	2.58E05	0.00	9.4
0.0	1																
393	o	50	40	3.4	3.4	4.6	4.6	-17.9	2	0.00E00	-1.17E05	1051.5	2	0.00E00	-1.17E05	0.00	8.4
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-3.0	2	0.00E00	-3.64E04	195.0	2	0.00E00	-3.64E04	0.00	1.3
0.0	2																
394	o	50	40	3.4	3.4	4.6	4.6	-20.6	2	0.00E00	-1.34E05	1204.2	2	0.00E00	-1.34E05	0.00	9.7
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-2.9	2	0.00E00	3.42E04	183.1	2	0.00E00	3.42E04	0.00	1.2
0.0	2																
395	o	100	40	5.7	5.7	4.6	4.6	-24.7	2	0.00E00	-2.95E05	1583.0	2	0.00E00	-2.95E05	0.00	10.7
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-12.6	2	0.00E00	1.50E05	805.6	2	0.00E00	1.50E05	0.00	5.5
0.0	2																
396	o	100	40	5.3	5.3	4.6	4.6	-29.2	2	0.00E00	-3.39E05	1927.2	2	0.00E00	-3.39E05	0.00	12.3
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-24.6	2	0.00E00	-2.94E05	1574.4	2	0.00E00	-2.94E05	0.00	10.7
0.0	2																
397	o	100	40	5.7	5.7	4.6	4.6	-30.9	2	0.00E00	-3.69E05	1977.2	2	0.00E00	-3.69E05	0.00	13.4
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-27.0	2	0.00E00	-3.22E05	1728.3	2	0.00E00	-3.22E05	0.00	11.7
0.0	2																
398	o	100	40	5.7	5.7	4.6	4.6	-31.6	2	0.00E00	-3.78E05	2023.8	2	0.00E00	-3.78E05	0.00	13.7
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-27.0	2	0.00E00	-3.23E05	1729.2	2	0.00E00	-3.23E05	0.00	11.7
0.0	2																
399	o	100	40	5.7	5.7	4.6	4.6	-31.0	2	0.00E00	-3.71E05	1987.8	2	0.00E00	-3.71E05	0.00	13.5
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-25.4	2	0.00E00	-3.04E05	1630.6	2	0.00E00	-3.04E05	0.00	11.0
0.0	2																
400	o	100	40	5.7	5.7	4.6	4.6	-29.9	2	0.00E00	-3.57E05	1915.8	2	0.00E00	-3.57E05	0.00	13.0
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-23.3	2	0.00E00	-2.78E05	1491.9	2	0.00E00	-2.78E05	0.00	10.1
0.0	2																
401	o	100	40	5.7	5.7	4.6	4.6	-28.5	2	0.00E00	-3.41E05	1828.8	2	0.00E00	-3.41E05	0.00	12.4
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-20.9	2	0.00E00	-2.50E05	1339.0	2	0.00E00	-2.50E05	0.00	9.1
0.0	2																
402	o	100	40	5.7	5.7	4.6	4.6	-27.1	2	0.00E00	-3.24E05	1737.3	2	0.00E00	-3.24E05	0.00	11.8
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-18.5	2	0.00E00	-2.21E05	1184.6	2	0.00E00	-2.21E05	0.00	8.0
0.0	2																
403	o	100	40	5.7	5.7	4.6	4.6	-25.7	2	0.00E00	-3.07E05	1644.4	2	0.00E00	-3.07E05	0.00	11.1
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-16.1	2	0.00E00	-1.93E05	1034.9	2	0.00E00	-1.93E05	0.00	7.0
0.0	2																
404	o	100	40	5.7	5.7	4.6	4.6	-24.2	2	0.00E00	-2.89E05	1550.4	2	0.00E00	-2.89E05	0.00	10.5
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-13.9	2	0.00E00	-1.66E05	892.1	2	0.00E00	-1.66E05	0.00	6.0
0.0	2																
405	o	100	40	5.7	5.7	4.6	4.6	-22.7	2	0.00E00	-2.71E05	1453.9	2	0.00E00	-2.71E05	0.00	9.8
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-11.8	2	0.00E00	-1.42E05	758.6	2	0.00E00	-1.42E05	0.00	5.1
0.0	2																
406	o	100	40	5.7	5.7	4.6	4.6	-21.1	2	0.00E00	-2.52E05	1352.8	2	0.00E00	-2.52E05	0.00	9.2
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-9.9	2	0.00E00	-1.18E05	633.2	2	0.00E00	-1.18E05	0.00	4.3
0.0	2																
407	o	100	40	5.7	5.7	4.6	4.6	-19.7	2	0.00E00	-2.35E05	1261.0	2	0.00E00	-2.35E05	0.00	8.5
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-8.0	2	0.00E00	-9.60E04	514.5	2	0.00E00	-9.60E04	0.00	3.5
0.0	2																
408	o	100	40	5.7	5.7	4.6	4.6	-19.6	2	0.00E00	-2.35E05	1258.0	2	0.00E00	-2.35E05	0.00	8.5
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-7.9	2	0.00E00	-9.48E04	508.3	2	0.00E00	-9.48E04	0.00	3.4
0.0	2																
409	o	100	40	5.7	5.7	4.6	4.6	-21.0	2	0.00E00	-2.51E05	1347.2	2	0.00E00	-2.51E05	0.00	9.1
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-9.8	2	0.00E00	-1.17E05	628.2	2	0.00E00	-1.17E05	0.00	4.3
0.0	2																
410	o	100	40	5.7	5.7	4.6	4.6	-22.6	2	0.00E00	-2.70E05	1449.5	2	0.00E00	-2.70E05	0.00	9.8
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-11.8	2	0.00E00	-1.41E05	755.1	2	0.00E00	-1.41E05	0.00	5.1
0.0	2																
411	o	100	40	5.7	5.7	4.6	4.6	-24.1	2	0.00E00	-2.89E05	1547.4	2	0.00E00	-2.89E05	0.00	10.5
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-13.9	2	0.00E00	-1.66E05	890.3	2	0.00E00	-1.66E05	0.00	6.0
0.0	2																
412	o	100	40	5.7	5.7	4.6	4.6	-25.6	2	0.00E00	-3.06E05	1643.0	2	0.00E00	-3.06E05	0.00	11.1
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-16.2	2	0.00E00	-1.93E05	1035.2	2	0.00E00	-1.93E05	0.00	7.0
0.0	2																
413	o	100	40	5.7	5.7	4.6	4.6	-27.1	2	0.00E00	-3.24E05	1737.8	2	0.00E00	-3.24E05	0.00	11.8
0.0	2																
	v	100	40	5.7	5.7	4.6	4.6	-18.5	2	0.00E00	-2.22E05	1187.4	2	0.00E00	-2.22E05	0.00	8.0
0.0	2																
414	o	100	40	5.7	5.7	4.6	4.6	-28.6	2	0.00E00	-3.42E05	1831.5	2	0.00E00	-3.42E05	0.00	12.4
0.0	2																

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        v 100  40   5.7   5.7  4.6  4.6  -21.0  2  0.00E00 -2.51E05  1344.8  2  0.00E00 -2.51E05   0.00  9.1
0.0  2
  415   o 100  40   5.7   5.7  4.6  4.6  -30.0  2  0.00E00 -3.58E05  1920.9  2  0.00E00 -3.58E05   0.00 13.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -23.4  2  0.00E00 -2.80E05  1501.2  2  0.00E00 -2.80E05   0.00 10.2
0.0  2
  416   o 100  40   5.7   5.7  4.6  4.6  -31.1  2  0.00E00 -3.72E05  1995.6  2  0.00E00 -3.72E05   0.00 13.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -25.6  2  0.00E00 -3.07E05  1643.7  2  0.00E00 -3.07E05   0.00 11.1
0.0  2
  417   o 100  40   5.7   5.7  4.6  4.6  -31.7  2  0.00E00 -3.80E05  2034.7  2  0.00E00 -3.80E05   0.00 13.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -27.2  2  0.00E00 -3.26E05  1746.3  2  0.00E00 -3.26E05   0.00 11.8
0.0  2
  418   o 100  40   5.7   5.7  4.6  4.6  -31.1  2  0.00E00 -3.71E05  1991.4  2  0.00E00 -3.71E05   0.00 13.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -27.3  2  0.00E00 -3.26E05  1749.0  2  0.00E00 -3.26E05   0.00 11.8
0.0  2
  419   o 100  40   5.7   5.7  4.6  4.6  -28.7  2  0.00E00 -3.43E05  1837.5  2  0.00E00 -3.43E05   0.00 12.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -24.9  2  0.00E00 -2.98E05  1595.6  2  0.00E00 -2.98E05   0.00 10.8
0.0  2
  420   o 100  40   5.7   5.7  4.6  4.6  -25.1  2  0.00E00 -3.00E05  1605.9  2  0.00E00 -3.00E05   0.00 10.9
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -12.7  2  0.00E00  1.51E05   811.8  2  0.00E00  1.51E05   0.00  5.5
0.0  2
  421   o  50  40   3.4   3.4  4.6  4.6  -20.9  2  0.00E00 -1.37E05  1227.3  2  0.00E00 -1.37E05   0.00  9.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -2.9  2  0.00E00  3.53E04   189.0  2  0.00E00  3.53E04   0.00  1.3
0.0  2
  422   o  50  40   3.4   3.4  4.6  4.6  -24.0  2  0.00E00 -1.56E05  1404.7  2  0.00E00 -1.56E05   0.00 11.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -2.5  2  0.00E00 -2.94E04   157.8  2  0.00E00 -2.94E04   0.00  1.1
0.0  2
  423   o 100  40   5.7   5.7  4.6  4.6  -26.9  2  0.00E00 -3.21E05  1723.4  2  0.00E00 -3.21E05   0.00 11.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -15.0  2  0.00E00 -1.79E05   960.6  2  0.00E00 -1.79E05   0.00  6.5
0.0  2
  424   o 100  40   5.3   5.3  4.6  4.6  -29.2  2  0.00E00 -3.40E05  1930.0  2  0.00E00 -3.40E05   0.00 12.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -26.3  2  0.00E00 -3.15E05  1687.4  2  0.00E00 -3.15E05   0.00 11.4
0.0  2
  425   o 100  40   5.7   5.7  4.6  4.6  -28.2  2  0.00E00 -3.37E05  1809.2  2  0.00E00 -3.37E05   0.00 12.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -26.2  2  0.00E00 -3.13E05  1676.1  2  0.00E00 -3.13E05   0.00 11.3
0.0  2
  426   o 100  40   5.7   5.7  4.6  4.6  -26.2  2  0.00E00 -3.13E05  1680.6  2  0.00E00 -3.13E05   0.00 11.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -24.9  2  0.00E00 -2.97E05  1593.3  2  0.00E00 -2.97E05   0.00 10.8
0.0  2
  427   o 100  40   5.7   5.7  4.6  4.6  -23.8  2  0.00E00 -2.84E05  1523.5  2  0.00E00 -2.84E05   0.00 10.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.7  2  0.00E00 -2.72E05  1457.4  2  0.00E00 -2.72E05   0.00  9.9
0.0  2
  428   o 100  40   5.7   5.7  4.6  4.6  -21.3  2  0.00E00 -2.55E05  1366.9  2  0.00E00 -2.55E05   0.00  9.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -20.3  2  0.00E00 -2.43E05  1304.0  2  0.00E00 -2.43E05   0.00  8.8
0.0  2
  429   o 100  40   5.7   5.7  4.6  4.6  -19.1  2  0.00E00 -2.29E05  1226.6  2  0.00E00 -2.29E05   0.00  8.3
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -17.9  2  0.00E00 -2.14E05  1148.0  2  0.00E00 -2.14E05   0.00  7.8
0.0  2
  430   o 100  40   5.7   5.7  4.6  4.6  -17.1  2  0.00E00 -2.05E05  1096.5  2  0.00E00 -2.05E05   0.00  7.4
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -15.5  2  0.00E00 -1.86E05   994.7  2  0.00E00 -1.86E05   0.00  6.7
0.0  2
  431   o 100  40   5.7   5.7  4.6  4.6  -15.2  2  0.00E00 -1.82E05   973.6  2  0.00E00 -1.82E05   0.00  6.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -13.2  2  0.00E00 -1.58E05   846.7  2  0.00E00 -1.58E05   0.00  5.7
0.0  2
  432   o 100  40   5.7   5.7  4.6  4.6  -13.3  2  0.00E00 -1.60E05   855.5  2  0.00E00 -1.60E05   0.00  5.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -8.0  2  0.00E00 -9.51E04   509.7  2  0.00E00 -9.51E04   0.00  3.4
0.0  2
  433   o 100  40   5.7   5.7  4.6  4.6  -11.5  2  0.00E00 -1.38E05   739.7  2  0.00E00 -1.38E05   0.00  5.0
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -6.6  2  0.00E00 -7.94E04   425.8  2  0.00E00 -7.94E04   0.00  2.9
0.0  2
  434   o 100  40   5.7   5.7  4.6  4.6   -9.7  2  0.00E00 -1.16E05   623.3  2  0.00E00 -1.16E05   0.00  4.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -5.4  2  0.00E00 -6.47E04   346.9  2  0.00E00 -6.47E04   0.00  2.3
0.0  2
  435   o 100  40   5.7   5.7  4.6  4.6   -8.1  2  0.00E00 -9.72E04   521.1  2  0.00E00 -9.72E04   0.00  3.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -4.3  2  0.00E00 -5.09E04   273.0  2  0.00E00 -5.09E04   0.00  1.8
0.0  2
  436   o 100  40   5.7   5.7  4.6  4.6   -8.1  2  0.00E00 -9.66E04   517.7  2  0.00E00 -9.66E04   0.00  3.5
0.0  2
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	v	100	40	5.7	5.7	4.6	4.6	-4.2	2	0.00E00	-5.02E04	269.1	2	0.00E00	-5.02E04	0.00	1.8	
0.0	2																	
437	o	100	40	5.7	5.7	4.6	4.6	-9.6	2	0.00E00	-1.15E05	616.6	2	0.00E00	-1.15E05	0.00	4.2	
0.0	2																	
	v	100	40	5.7	5.7	4.6	4.6	-5.4	2	0.00E00	-6.41E04	343.6	2	0.00E00	-6.41E04	0.00	2.3	
0.0	2																	
438	o	100	40	5.7	5.7	4.6	4.6	-11.4	2	0.00E00	-1.37E05	733.5	2	0.00E00	-1.37E05	0.00	5.0	
0.0	2																	
	v	100	40	5.7	5.7	4.6	4.6	-6.6	2	0.00E00	-7.90E04	423.4	2	0.00E00	-7.90E04	0.00	2.9	
0.0	2																	
439	o	100	40	5.7	5.7	4.6	4.6	-13.3	2	0.00E00	-1.59E05	850.2	2	0.00E00	-1.59E05	0.00	5.8	
0.0	2																	
	v	100	40	5.7	5.7	4.6	4.6	-10.9	1	0.00E00	-1.30E05	697.1	1	0.00E00	-1.30E05	0.00	4.7	
0.0	1																	
440	o	100	40	5.7	5.7	4.6	4.6	-15.1	2	0.00E00	-1.81E05	969.3	2	0.00E00	-1.81E05	0.00	6.6	
0.0	2																	
	v	100	40	5.7	5.7	4.6	4.6	-13.2	2	0.00E00	-1.58E05	845.3	2	0.00E00	-1.58E05	0.00	5.7	
0.0	2																	
441	o	100	40	5.7	5.7	4.6	4.6	-17.1	2	0.00E00	-2.04E05	1093.6	2	0.00E00	-2.04E05	0.00	7.4	
0.0	2																	
	v	100	40	5.7	5.7	4.6	4.6	-15.5	2	0.00E00	-1.86E05	995.4	2	0.00E00	-1.86E05	0.00	6.7	
0.0	2																	
442	o	100	40	5.7	5.7	4.6	4.6	-19.1	2	0.00E00	-2.29E05	1225.5	2	0.00E00	-2.29E05	0.00	8.3	
0.0	2																	
	v	100	40	5.7	5.7	4.6	4.6	-18.0	2	0.00E00	-2.15E05	1151.3	2	0.00E00	-2.15E05	0.00	7.8	
0.0	2																	
443	o	100	40	5.7	5.7	4.6	4.6	-21.4	2	0.00E00	-2.55E05	1368.4	2	0.00E00	-2.55E05	0.00	9.3	
0.0	2																	
	v	100	40	5.7	5.7	4.6	4.6	-20.4	2	0.00E00	-2.44E05	1310.4	2	0.00E00	-2.44E05	0.00	8.9	
0.0	2																	
444	o	100	40	5.7	5.7	4.6	4.6	-23.8	2	0.00E00	-2.85E05	1528.0	2	0.00E00	-2.85E05	0.00	10.3	
0.0	2																	
	v	100	40	5.7	5.7	4.6	4.6	-22.9	2	0.00E00	-2.74E05	1467.2	2	0.00E00	-2.74E05	0.00	9.9	
0.0	2																	
445	o	100	40	5.7	5.7	4.6	4.6	-26.4	2	0.00E00	-3.15E05	1689.1	2	0.00E00	-3.15E05	0.00	11.4	
0.0	2																	
	v	100	40	5.7	5.7	4.6	4.6	-25.1	2	0.00E00	-3.00E05	1606.4	2	0.00E00	-3.00E05	0.00	10.9	
0.0	2																	
446	o	100	40	5.7	5.7	4.6	4.6	-28.4	2	0.00E00	-3.40E05	1823.1	2	0.00E00	-3.40E05	0.00	12.3	
0.0	2																	
	v	100	40	5.7	5.7	4.6	4.6	-26.4	2	0.00E00	-3.15E05	1690.4	2	0.00E00	-3.15E05	0.00	11.4	
0.0	2																	
447	o	100	40	5.7	5.7	4.6	4.6	-28.8	2	0.00E00	-3.44E05	1842.6	2	0.00E00	-3.44E05	0.00	12.5	
0.0	2																	
	v	100	40	5.7	5.7	4.6	4.6	-26.6	2	0.00E00	-3.17E05	1702.0	2	0.00E00	-3.17E05	0.00	11.5	
0.0	2																	
448	o	100	40	5.7	5.7	4.6	4.6	-27.4	2	0.00E00	-3.28E05	1756.8	2	0.00E00	-3.28E05	0.00	11.9	
0.0	2																	
	v	100	40	5.7	5.7	4.6	4.6	-15.1	2	0.00E00	-1.80E05	964.9	2	0.00E00	-1.80E05	0.00	6.5	
0.0	2																	
449	o	50	40	3.4	3.4	4.6	4.6	-24.4	2	0.00E00	-1.59E05	1431.3	2	0.00E00	-1.59E05	0.00	11.5	
0.0	2																	
	v	100	40	5.7	5.7	4.6	4.6	-2.5	2	0.00E00	-3.01E04	161.5	2	0.00E00	-3.01E04	0.00	1.1	
0.0	2																	
450	o	50	40	3.4	3.4	4.6	4.6	-24.3	2	0.00E00	-1.58E05	1424.4	2	0.00E00	-1.58E05	0.00	11.4	
0.0	2																	
	v	100	40	5.7	5.7	4.6	4.6	-3.6	2	0.00E00	4.27E04	229.2	2	0.00E00	4.27E04	0.00	1.6	
0.0	2																	
451	o	100	40	5.7	5.7	4.6	4.6	-26.1	2	0.00E00	-3.12E05	1672.9	2	0.00E00	-3.12E05	0.00	11.3	
0.0	2																	
	v	100	40	5.7	5.7	4.6	4.6	-24.4	2	0.00E00	-2.92E05	1566.9	2	0.00E00	-2.92E05	0.00	10.6	
0.0	2																	
452	o	100	40	5.3	5.3	4.6	4.6	-24.6	2	0.00E00	-2.85E05	1621.6	2	0.00E00	-2.85E05	0.00	10.4	
0.0	2																	
	v	100	40	5.7	5.7	4.6	4.6	-26.1	2	0.00E00	-3.11E05	1669.7	2	0.00E00	-3.11E05	0.00	11.3	
0.0	2																	
453	o	100	40	5.7	5.7	4.6	4.6	-13.2	2	0.00E00	-1.58E05	847.8	2	0.00E00	-1.58E05	0.00	5.7	
0.0	2																	
	v	100	40	5.7	5.7	4.6	4.6	-24.2	2	0.00E00	-2.89E05	1550.1	2	0.00E00	-2.89E05	0.00	10.5	
0.0	2																	
454	o	100	40	5.7	5.7	4.6	4.6	-14.2	2	0.00E00	1.69E05	906.9	2	0.00E00	1.69E05	0.00	6.1	
0.0	2																	
	v	100	40	5.7	5.7	4.6	4.6	-21.9	2	0.00E00	-2.61E05	1401.4	2	0.00E00	-2.61E05	0.00	9.5	
0.0	2																	
455	o	100	40	5.7	5.7	4.6	4.6	-22.7	2	0.00E00	2.71E05	1455.1	2	0.00E00	2.71E05	0.00	9.8	
0.0	1																	
	v	100	40	5.7	5.7	4.6	4.6	-19.6	2	0.00E00	-2.34E05	1254.1	2	0.00E00	-2.34E05	0.00	8.5	
0.0	2																	
456	o	100	40	5.7	5.7	4.6	4.6	-22.4	2	0.00E00	2.68E05	1436.8	2	0.00E00	2.68E05	0.00	9.7	
0.0	1																	
	v	100	40	5.7	5.7	4.6	4.6	-11.8	2	0.00E00	-1.41E05	758.3	2	0.00E00	-1.41E05	0.00	5.1	
0.0	2																	
457	o	100	40	5.7	5.7	4.6	4.6	-21.1	2	0.00E00	2.52E05	1352.9	2	0.00E00	2.52E05	0.00	9.2	
0.0	1																	
	v	100	40	5.7	5.7	4.6	4.6	-10.2	2	0.00E00	-1.22E05	652.7	2	0.00E00	-1.22E05	0.00	4.4	
0.0	2																	
458	o	100	40	5.7	5.7	4.6	4.6	-19.3	2	0.00E00	2.30E05	1235.3	2	0.00E00	2.30E05	0.00	8.4	
0.0	1																	

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        v 100  40   5.7   5.7  4.6  4.6   -8.6  2  0.00E00 -1.03E05   552.9  2  0.00E00 -1.03E05   0.00  3.7
0.0  2
  459   o 100  40   5.7   5.7  4.6  4.6  -17.2  2  0.00E00  2.06E05  1102.4  2  0.00E00  2.06E05   0.00  7.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -7.1  2  0.00E00 -8.54E04   457.9  2  0.00E00 -8.54E04   0.00  3.1
0.0  2
  460   o 100  40   5.7   5.7  4.6  4.6  -15.1  2  0.00E00  1.80E05   965.4  2  0.00E00  1.80E05   0.00  6.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -5.0  2  0.00E00  6.02E04   322.6  2  0.00E00  6.02E04   0.00  2.2
0.0  2
  461   o 100  40   5.7   5.7  4.6  4.6  -12.9  2  0.00E00  1.54E05   827.7  2  0.00E00  1.54E05   0.00  5.6
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -3.8  2  0.00E00  4.49E04   240.8  2  0.00E00  4.49E04   0.00  1.6
0.0  2
  462   o 100  40   5.7   5.7  4.6  4.6  -10.8  2  0.00E00  1.29E05   692.8  2  0.00E00  1.29E05   0.00  4.7
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -2.5  2  0.00E00  2.99E04   160.3  2  0.00E00  2.99E04   0.00  1.1
0.0  2
  463   o 100  40   5.7   5.7  4.6  4.6   -9.0  2  0.00E00  1.08E05   579.8  2  0.00E00  1.08E05   0.00  3.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -1.3  2  0.00E00  1.54E04    82.6  2  0.00E00  1.54E04   0.00  0.6
0.0  2
  464   o 100  40   5.7   5.7  4.6  4.6   -9.0  2  0.00E00  1.08E05   576.9  2  0.00E00  1.08E05   0.00  3.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -1.2  2  0.00E00  1.47E04    78.9  2  0.00E00  1.47E04   0.00  0.5
0.0  2
  465   o 100  40   5.7   5.7  4.6  4.6  -10.7  2  0.00E00  1.28E05   687.7  2  0.00E00  1.28E05   0.00  4.7
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -2.4  2  0.00E00  2.92E04   156.5  2  0.00E00  2.92E04   0.00  1.1
0.0  2
  466   o 100  40   5.7   5.7  4.6  4.6  -12.9  2  0.00E00  1.54E05   823.9  2  0.00E00  1.54E05   0.00  5.6
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -3.7  2  0.00E00  4.42E04   237.1  2  0.00E00  4.42E04   0.00  1.6
0.0  2
  467   o 100  40   5.7   5.7  4.6  4.6  -15.0  2  0.00E00  1.80E05   963.0  2  0.00E00  1.80E05   0.00  6.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -5.7  1  0.00E00 -6.76E04   362.4  1  0.00E00 -6.76E04   0.00  2.5
0.0  1
  468   o 100  40   5.7   5.7  4.6  4.6  -17.2  2  0.00E00  2.06E05  1101.7  2  0.00E00  2.06E05   0.00  7.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -7.1  2  0.00E00 -8.51E04   456.4  2  0.00E00 -8.51E04   0.00  3.1
0.0  2
  469   o 100  40   5.7   5.7  4.6  4.6  -19.3  2  0.00E00  2.31E05  1236.2  2  0.00E00  2.31E05   0.00  8.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -8.6  2  0.00E00 -1.03E05   552.8  2  0.00E00 -1.03E05   0.00  3.7
0.0  2
  470   o 100  40   5.7   5.7  4.6  4.6  -21.2  2  0.00E00  2.53E05  1355.5  2  0.00E00  2.53E05   0.00  9.2
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -10.2  2  0.00E00 -1.22E05   654.1  2  0.00E00 -1.22E05   0.00  4.4
0.0  2
  471   o 100  40   5.7   5.7  4.6  4.6  -22.5  2  0.00E00  2.69E05  1441.0  2  0.00E00  2.69E05   0.00  9.8
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -11.9  2  0.00E00 -1.42E05   761.7  2  0.00E00 -1.42E05   0.00  5.2
0.0  2
  472   o 100  40   5.7   5.7  4.6  4.6  -22.8  2  0.00E00  2.72E05  1460.0  2  0.00E00  2.72E05   0.00  9.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -19.7  2  0.00E00 -2.35E05  1260.7  2  0.00E00 -2.35E05   0.00  8.5
0.0  2
  473   o 100  40   5.7   5.7  4.6  4.6  -14.2  2  0.00E00  1.70E05   909.8  2  0.00E00  1.70E05   0.00  6.2
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -22.0  2  0.00E00 -2.63E05  1410.5  2  0.00E00 -2.63E05   0.00  9.5
0.0  2
  474   o 100  40   5.7   5.7  4.6  4.6  -13.3  2  0.00E00 -1.59E05   854.9  2  0.00E00 -1.59E05   0.00  5.8
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -24.3  2  0.00E00 -2.91E05  1559.6  2  0.00E00 -2.91E05   0.00 10.6
0.0  2
  475   o 100  40   5.7   5.7  4.6  4.6  -24.2  2  0.00E00 -2.89E05  1548.5  2  0.00E00 -2.89E05   0.00 10.5
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -26.2  2  0.00E00 -3.13E05  1676.8  2  0.00E00 -3.13E05   0.00 11.3
0.0  2
  476   o 100  40   5.7   5.7  4.6  4.6  -26.6  2  0.00E00 -3.19E05  1707.6  2  0.00E00 -3.19E05   0.00 11.6
0.0  2
        v 100  40   5.7   5.7  4.6  4.6  -24.4  2  0.00E00 -2.92E05  1565.9  2  0.00E00 -2.92E05   0.00 10.6
0.0  2
  477   o  50  40   3.4   3.4  4.6  4.6  -24.9  2  0.00E00 -1.62E05  1458.8  2  0.00E00 -1.62E05   0.00 11.7
0.0  2
        v 100  40   5.7   5.7  4.6  4.6   -3.6  2  0.00E00  4.35E04   233.1  2  0.00E00  4.35E04   0.00  1.6
0.0  2
  478   o  60  40   3.4   3.4  4.6  4.6   -6.5  2  0.00E00  4.65E04   415.6  2  0.00E00  4.65E04   0.00  2.8
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -5.8  2  0.00E00  3.81E04   342.2  2  0.00E00  3.81E04   0.00  2.7
0.0  1
  479   o 100  40   5.7   5.7  4.6  4.6   -3.6  2  0.00E00  4.36E04   233.6  2  0.00E00  4.36E04   0.00  1.6
0.0  2
        v  50  40   3.4   3.4  4.6  4.6  -22.9  2  0.00E00 -1.50E05  1344.6  2  0.00E00 -1.50E05   0.00 10.8
0.0  2
  480   o 100  40   5.3   5.3  4.6  4.6   -9.1  2  0.00E00 -1.06E05   602.8  2  0.00E00 -1.06E05   0.00  3.9
0.0  2
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	v	50	40	3.4	3.4	4.6	4.6	-23.8	2	0.00E00	-1.55E05	1395.0	2	0.00E00	-1.55E05	0.00	11.2	0.0 2
481	o	100	40	5.7	5.7	4.6	4.6	-15.0	2	0.00E00	-1.80E05	964.1	2	0.00E00	-1.80E05	0.00	6.5	0.0 2
	v	50	40	3.4	3.4	4.6	4.6	-21.4	2	0.00E00	-1.40E05	1256.9	2	0.00E00	-1.40E05	0.00	10.1	0.0 2
482	o	100	40	5.7	5.7	4.6	4.6	-16.3	2	0.00E00	-1.95E05	1045.0	2	0.00E00	-1.95E05	0.00	7.1	0.0 2
	v	50	40	3.4	3.4	4.6	4.6	-18.7	2	0.00E00	-1.22E05	1093.4	2	0.00E00	-1.22E05	0.00	8.8	0.0 2
483	o	100	40	5.7	5.7	4.6	4.6	-16.1	2	0.00E00	-1.92E05	1031.4	2	0.00E00	-1.92E05	0.00	7.0	0.0 2
	v	50	40	3.4	3.4	4.6	4.6	-16.4	2	0.00E00	-1.07E05	958.5	2	0.00E00	-1.07E05	0.00	7.7	0.0 2
484	o	100	40	5.7	5.7	4.6	4.6	-14.9	2	0.00E00	-1.79E05	957.1	2	0.00E00	-1.79E05	0.00	6.5	0.0 2
	v	50	40	3.4	3.4	4.6	4.6	-4.4	2	0.00E00	2.84E04	255.1	2	0.00E00	2.84E04	0.00	2.0	0.0 2
485	o	100	40	5.7	5.7	4.6	4.6	-13.3	2	0.00E00	-1.58E05	849.4	2	0.00E00	-1.58E05	0.00	5.7	0.0 2
	v	50	40	3.4	3.4	4.6	4.6	-4.3	2	0.00E00	2.83E04	254.1	2	0.00E00	2.83E04	0.00	2.0	0.0 2
486	o	100	40	5.7	5.7	4.6	4.6	-11.3	2	0.00E00	-1.35E05	724.3	2	0.00E00	-1.35E05	0.00	4.9	0.0 2
	v	50	40	3.4	3.4	4.6	4.6	-4.0	2	0.00E00	2.62E04	235.8	2	0.00E00	2.62E04	0.00	1.9	0.0 2
487	o	100	40	5.7	5.7	4.6	4.6	-6.4	2	0.00E00	-7.65E04	410.1	2	0.00E00	-7.65E04	0.00	2.8	0.0 2
	v	50	40	3.4	3.4	4.6	4.6	-9.1	2	0.00E00	5.93E04	532.9	2	0.00E00	5.93E04	0.00	4.3	0.0 2
488	o	100	40	5.7	5.7	4.6	4.6	-2.0	2	0.00E00	-2.40E04	128.6	2	0.00E00	-2.40E04	0.00	0.9	0.0 2
	v	50	40	3.4	3.4	4.6	4.6	-8.2	2	0.00E00	5.32E04	478.2	2	0.00E00	5.32E04	0.00	3.8	0.0 1
489	o	100	40	5.7	5.7	4.6	4.6	-1.2	2	0.00E00	-1.44E04	77.3	2	0.00E00	-1.44E04	0.00	0.5	0.0 2
	v	50	40	3.4	3.4	4.6	4.6	-6.3	2	0.00E00	4.07E04	366.2	2	0.00E00	4.07E04	0.00	2.9	0.0 1
490	o	100	40	5.7	5.7	4.6	4.6	-1.5	2	0.00E00	1.75E04	93.8	2	0.00E00	1.75E04	0.00	0.6	0.0 2
	v	50	40	3.4	3.4	4.6	4.6	-4.4	2	0.00E00	2.84E04	255.3	2	0.00E00	2.84E04	0.00	2.0	0.0 1
491	o	100	40	5.7	5.7	4.6	4.6	-1.3	2	0.00E00	1.59E04	85.5	2	0.00E00	1.59E04	0.00	0.6	0.0 1
	v	50	40	3.4	3.4	4.6	4.6	-2.5	2	0.00E00	1.63E04	146.2	2	0.00E00	1.63E04	0.00	1.2	0.0 1
492	o	100	40	5.7	5.7	4.6	4.6	-1.3	2	0.00E00	1.54E04	82.4	2	0.00E00	1.54E04	0.00	0.6	0.0 1
	v	50	40	3.4	3.4	4.6	4.6	-2.4	2	0.00E00	1.57E04	140.9	2	0.00E00	1.57E04	0.00	1.1	0.0 1
493	o	100	40	5.7	5.7	4.6	4.6	-1.4	2	0.00E00	1.68E04	89.9	2	0.00E00	1.68E04	0.00	0.6	0.0 2
	v	50	40	3.4	3.4	4.6	4.6	-4.3	2	0.00E00	2.78E04	250.1	2	0.00E00	2.78E04	0.00	2.0	0.0 1
494	o	100	40	5.7	5.7	4.6	4.6	-1.2	2	0.00E00	-1.42E04	76.3	2	0.00E00	-1.42E04	0.00	0.5	0.0 2
	v	50	40	3.4	3.4	4.6	4.6	-6.2	2	0.00E00	4.02E04	361.4	2	0.00E00	4.02E04	0.00	2.9	0.0 1
495	o	100	40	5.7	5.7	4.6	4.6	-2.0	2	0.00E00	-2.38E04	127.5	2	0.00E00	-2.38E04	0.00	0.9	0.0 2
	v	50	40	3.4	3.4	4.6	4.6	-8.1	2	0.00E00	5.27E04	473.9	2	0.00E00	5.27E04	0.00	3.8	0.0 1
496	o	100	40	5.7	5.7	4.6	4.6	-6.4	2	0.00E00	-7.61E04	407.9	2	0.00E00	-7.61E04	0.00	2.8	0.0 2
	v	50	40	3.4	3.4	4.6	4.6	-3.5	2	0.00E00	2.30E04	207.1	2	0.00E00	2.30E04	0.00	1.7	0.0 2
497	o	100	40	5.7	5.7	4.6	4.6	-11.3	2	0.00E00	-1.35E05	721.5	2	0.00E00	-1.35E05	0.00	4.9	0.0 2
	v	50	40	3.4	3.4	4.6	4.6	-4.0	2	0.00E00	2.61E04	234.7	2	0.00E00	2.61E04	0.00	1.9	0.0 2
498	o	100	40	5.7	5.7	4.6	4.6	-13.2	2	0.00E00	-1.58E05	847.8	2	0.00E00	-1.58E05	0.00	5.7	0.0 2
	v	50	40	3.4	3.4	4.6	4.6	-4.3	2	0.00E00	2.82E04	253.1	2	0.00E00	2.82E04	0.00	2.0	0.0 2
499	o	100	40	5.7	5.7	4.6	4.6	-14.9	2	0.00E00	-1.78E05	956.8	2	0.00E00	-1.78E05	0.00	6.5	0.0 2
	v	50	40	3.4	3.4	4.6	4.6	-4.3	2	0.00E00	2.82E04	253.9	2	0.00E00	2.82E04	0.00	2.0	0.0 2
500	o	100	40	5.7	5.7	4.6	4.6	-16.1	2	0.00E00	-1.92E05	1031.9	2	0.00E00	-1.92E05	0.00	7.0	0.0 2
	v	50	40	3.4	3.4	4.6	4.6	-16.4	2	0.00E00	-1.07E05	962.6	2	0.00E00	-1.07E05	0.00	7.7	0.0 2
501	o	100	40	5.7	5.7	4.6	4.6	-16.3	2	0.00E00	-1.95E05	1045.8	2	0.00E00	-1.95E05	0.00	7.1	0.0 2
	v	50	40	3.4	3.4	4.6	4.6	-18.8	2	0.00E00	-1.22E05	1099.0	2	0.00E00	-1.22E05	0.00	8.8	0.0 2
502	o	100	40	5.7	5.7	4.6	4.6	-15.0	2	0.00E00	-1.80E05	964.1	2	0.00E00	-1.80E05	0.00	6.5	0.0 2

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        v  50  40   3.4   3.4  4.6  4.6  -21.6  2  0.00E00 -1.41E05  1263.1  2  0.00E00 -1.41E05   0.00 10.1
0.0  2
  503   o 100  40   5.7   5.7  4.6  4.6   -8.9  2  0.00E00 -1.06E05   567.7  2  0.00E00 -1.06E05   0.00  3.8
0.0  2
        v  50  40   3.4   3.4  4.6  4.6  -23.9  2  0.00E00 -1.56E05  1398.2  2  0.00E00 -1.56E05   0.00 11.2
0.0  2
  504   o 100  40   5.7   5.7  4.6  4.6   -3.7  2  0.00E00  4.45E04   238.5  2  0.00E00  4.45E04   0.00  1.6
0.0  2
        v  50  40   3.4   3.4  4.6  4.6  -22.8  2  0.00E00 -1.49E05  1335.8  2  0.00E00 -1.49E05   0.00 10.7
0.0  2
  505   o  60  40   3.4   3.4  4.6  4.6   -6.5  2  0.00E00  4.66E04   416.7  2  0.00E00  4.66E04   0.00  2.8
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -5.9  2  0.00E00  3.82E04   343.2  2  0.00E00  3.82E04   0.00  2.8
0.0  1

Combinazione quasi permanente
  nod sez   B   H   Af+   Af-   c+   c-     sc  c        N        M      sf  c        N        M Wk(mm)   st
Sm(mm)  c
    2   o  60  40   3.4   3.4  4.6  4.6   -6.4  1  0.00E00  4.59E04   410.1  1  0.00E00  4.59E04   0.00  2.8
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -5.8  1  0.00E00  3.75E04   337.3  1  0.00E00  3.75E04   0.00  2.7
0.0  1
    3   o 100  40   5.7   5.7  4.6  4.6   -3.6  1  0.00E00  4.30E04   230.6  1  0.00E00  4.30E04   0.00  1.6
0.0  1
        v  50  40   3.4   3.4  4.6  4.6  -23.7  1  0.00E00 -1.54E05  1386.9  1  0.00E00 -1.54E05   0.00 11.1
0.0  1
    4   o 100  40   5.3   5.3  4.6  4.6   -9.5  1  0.00E00 -1.11E05   628.9  1  0.00E00 -1.11E05   0.00  4.0
0.0  1
        v  50  40   3.4   3.4  4.6  4.6  -24.3  1  0.00E00 -1.58E05  1423.5  1  0.00E00 -1.58E05   0.00 11.4
0.0  1
    5   o 100  40   5.7   5.7  4.6  4.6  -15.6  1  0.00E00 -1.87E05  1000.4  1  0.00E00 -1.87E05   0.00  6.8
0.0  1
        v  50  40   3.4   3.4  4.6  4.6  -21.8  1  0.00E00 -1.42E05  1276.1  1  0.00E00 -1.42E05   0.00 10.2
0.0  1
    6   o 100  40   5.7   5.7  4.6  4.6  -16.8  1  0.00E00 -2.01E05  1076.1  1  0.00E00 -2.01E05   0.00  7.3
0.0  1
        v  50  40   3.4   3.4  4.6  4.6  -18.9  1  0.00E00 -1.23E05  1109.3  1  0.00E00 -1.23E05   0.00  8.9
0.0  1
    7   o 100  40   5.7   5.7  4.6  4.6  -16.4  1  0.00E00 -1.97E05  1054.2  1  0.00E00 -1.97E05   0.00  7.1
0.0  1
        v  50  40   3.4   3.4  4.6  4.6  -16.7  1  0.00E00 -1.09E05   976.5  1  0.00E00 -1.09E05   0.00  7.8
0.0  1
    8   o 100  40   5.7   5.7  4.6  4.6  -15.2  1  0.00E00 -1.81E05   972.5  1  0.00E00 -1.81E05   0.00  6.6
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -4.1  1  0.00E00  2.65E04   237.9  1  0.00E00  2.65E04   0.00  1.9
0.0  1
    9   o 100  40   5.7   5.7  4.6  4.6  -13.4  1  0.00E00 -1.60E05   859.0  1  0.00E00 -1.60E05   0.00  5.8
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -4.0  1  0.00E00  2.59E04   233.2  1  0.00E00  2.59E04   0.00  1.9
0.0  1
   10   o 100  40   5.7   5.7  4.6  4.6  -11.4  1  0.00E00 -1.36E05   730.0  1  0.00E00 -1.36E05   0.00  4.9
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -3.6  1  0.00E00  2.38E04   213.8  1  0.00E00  2.38E04   0.00  1.7
0.0  1
   11   o 100  40   5.7   5.7  4.6  4.6   -6.4  1  0.00E00 -7.70E04   412.6  1  0.00E00 -7.70E04   0.00  2.8
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -3.2  1  0.00E00  2.08E04   186.9  1  0.00E00  2.08E04   0.00  1.5
0.0  1
   12   o 100  40   5.7   5.7  4.6  4.6   -2.0  1  0.00E00 -2.41E04   129.1  1  0.00E00 -2.41E04   0.00  0.9
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -7.0  1  0.00E00  4.58E04   412.1  1  0.00E00  4.58E04   0.00  3.3
0.0  1
   13   o 100  40   5.7   5.7  4.6  4.6   -1.2  1  0.00E00 -1.45E04    77.5  1  0.00E00 -1.45E04   0.00  0.5
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -2.1  1  0.00E00  1.40E04   125.5  1  0.00E00  1.40E04   0.00  1.0
0.0  1
   14   o 100  40   5.7   5.7  4.6  4.6   -1.5  1  0.00E00  1.75E04    93.9  1  0.00E00  1.75E04   0.00  0.6
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -1.6  1  0.00E00  1.06E04    95.0  1  0.00E00  1.06E04   0.00  0.8
0.0  1
   15   o 100  40   5.7   5.7  4.6  4.6   -1.3  1  0.00E00  1.60E04    85.6  1  0.00E00  1.60E04   0.00  0.6
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -1.1  1  0.00E00  7.38E03    66.4  1  0.00E00  7.38E03   0.00  0.5
0.0  1
   16   o 100  40   5.7   5.7  4.6  4.6   -1.3  1  0.00E00  1.54E04    82.6  1  0.00E00  1.54E04   0.00  0.6
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -1.1  1  0.00E00  7.24E03    65.0  1  0.00E00  7.24E03   0.00  0.5
0.0  1
   17   o 100  40   5.7   5.7  4.6  4.6   -3.0  1  0.00E00  3.56E04   190.6  1  0.00E00  3.56E04   0.00  1.3
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -1.6  1  0.00E00  1.04E04    93.5  1  0.00E00  1.04E04   0.00  0.7
0.0  1
   18   o 100  40   5.7   5.7  4.6  4.6   -2.7  1  0.00E00  3.22E04   172.6  1  0.00E00  3.22E04   0.00  1.2
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -2.1  1  0.00E00  1.38E04   124.1  1  0.00E00  1.38E04   0.00  1.0
0.0  1
   19   o 100  40   5.7   5.7  4.6  4.6   -1.9  1  0.00E00 -2.32E04   124.6  1  0.00E00 -2.32E04   0.00  0.8
0.0  1
```

	v	50	40	3.4	3.4	4.6	4.6	-2.7	1	0.00E00	1.73E04	155.3	1	0.00E00	1.73E04	0.00	1.2	0.0	1
20	o	100	40	5.7	5.7	4.6	4.6	-6.4	1	0.00E00	-7.65E04	410.1	1	0.00E00	-7.65E04	0.00	2.8	0.0	1
	v	50	40	3.4	3.4	4.6	4.6	-3.2	1	0.00E00	2.07E04	185.7	1	0.00E00	2.07E04	0.00	1.5	0.0	1
21	o	100	40	5.7	5.7	4.6	4.6	-11.3	1	0.00E00	-1.36E05	726.9	1	0.00E00	-1.36E05	0.00	4.9	0.0	1
	v	50	40	3.4	3.4	4.6	4.6	-3.6	1	0.00E00	2.37E04	212.8	1	0.00E00	2.37E04	0.00	1.7	0.0	1
22	o	100	40	5.7	5.7	4.6	4.6	-13.4	1	0.00E00	-1.60E05	857.2	1	0.00E00	-1.60E05	0.00	5.8	0.0	1
	v	50	40	3.4	3.4	4.6	4.6	-4.0	1	0.00E00	2.58E04	232.3	1	0.00E00	2.58E04	0.00	1.9	0.0	1
23	o	100	40	5.7	5.7	4.6	4.6	-15.2	1	0.00E00	-1.81E05	972.0	1	0.00E00	-1.81E05	0.00	6.6	0.0	1
	v	50	40	3.4	3.4	4.6	4.6	-4.0	1	0.00E00	2.64E04	236.9	1	0.00E00	2.64E04	0.00	1.9	0.0	1
24	o	100	40	5.7	5.7	4.6	4.6	-16.5	1	0.00E00	-1.97E05	1054.8	1	0.00E00	-1.97E05	0.00	7.1	0.0	1
	v	50	40	3.4	3.4	4.6	4.6	-16.7	1	0.00E00	-1.09E05	980.5	1	0.00E00	-1.09E05	0.00	7.9	0.0	1
25	o	100	40	5.7	5.7	4.6	4.6	-16.8	1	0.00E00	-2.01E05	1077.1	1	0.00E00	-2.01E05	0.00	7.3	0.0	1
	v	50	40	3.4	3.4	4.6	4.6	-19.0	1	0.00E00	-1.24E05	1114.8	1	0.00E00	-1.24E05	0.00	8.9	0.0	1
26	o	100	40	5.7	5.7	4.6	4.6	-15.6	1	0.00E00	-1.87E05	1000.5	1	0.00E00	-1.87E05	0.00	6.8	0.0	1
	v	50	40	3.4	3.4	4.6	4.6	-21.9	1	0.00E00	-1.43E05	1282.4	1	0.00E00	-1.43E05	0.00	10.3	0.0	1
27	o	100	40	5.7	5.7	4.6	4.6	-9.2	1	0.00E00	-1.11E05	592.6	1	0.00E00	-1.11E05	0.00	4.0	0.0	1
	v	50	40	3.4	3.4	4.6	4.6	-24.4	1	0.00E00	-1.59E05	1426.9	1	0.00E00	-1.59E05	0.00	11.4	0.0	1
28	o	100	40	5.7	5.7	4.6	4.6	-3.7	1	0.00E00	4.39E04	235.1	1	0.00E00	4.39E04	0.00	1.6	0.0	1
	v	50	40	3.4	3.4	4.6	4.6	-23.5	1	0.00E00	-1.53E05	1378.5	1	0.00E00	-1.53E05	0.00	11.1	0.0	1
29	o	60	40	3.4	3.4	4.6	4.6	-6.4	1	0.00E00	4.59E04	410.5	1	0.00E00	4.59E04	0.00	2.8	0.0	1
	v	50	40	3.4	3.4	4.6	4.6	-5.8	1	0.00E00	3.76E04	337.9	1	0.00E00	3.76E04	0.00	2.7	0.0	1
30	o	50	40	3.4	3.4	4.6	4.6	-23.6	1	0.00E00	-1.54E05	1384.2	1	0.00E00	-1.54E05	0.00	11.1	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-3.6	1	0.00E00	4.33E04	232.1	1	0.00E00	4.33E04	0.00	1.6	0.0	1
31	o	100	40	5.7	5.7	4.6	4.6	-25.6	1	0.00E00	-3.06E05	1638.8	1	0.00E00	-3.06E05	0.00	11.1	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-25.0	1	0.00E00	-2.99E05	1600.7	1	0.00E00	-2.99E05	0.00	10.8	0.0	1
32	o	100	40	5.3	5.3	4.6	4.6	-24.4	1	0.00E00	-2.83E05	1608.1	1	0.00E00	-2.83E05	0.00	10.3	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-26.6	1	0.00E00	-3.18E05	1704.0	1	0.00E00	-3.18E05	0.00	11.5	0.0	1
33	o	100	40	5.7	5.7	4.6	4.6	-13.2	1	0.00E00	-1.58E05	848.0	1	0.00E00	-1.58E05	0.00	5.7	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-24.6	1	0.00E00	-2.94E05	1573.8	1	0.00E00	-2.94E05	0.00	10.6	0.0	1
34	o	100	40	5.7	5.7	4.6	4.6	-14.1	1	0.00E00	1.69E05	903.7	1	0.00E00	1.69E05	0.00	6.1	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-22.1	1	0.00E00	-2.64E05	1417.6	1	0.00E00	-2.64E05	0.00	9.6	0.0	1
35	o	100	40	5.7	5.7	4.6	4.6	-22.5	1	0.00E00	2.69E05	1441.0	1	0.00E00	2.69E05	0.00	9.8	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-19.8	1	0.00E00	-2.36E05	1266.5	1	0.00E00	-2.36E05	0.00	8.6	0.0	1
36	o	100	40	5.7	5.7	4.6	4.6	-22.0	1	0.00E00	2.63E05	1409.1	1	0.00E00	2.63E05	0.00	9.5	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-11.7	1	0.00E00	-1.40E05	750.9	1	0.00E00	-1.40E05	0.00	5.1	0.0	1
37	o	100	40	5.7	5.7	4.6	4.6	-20.5	1	0.00E00	2.45E05	1315.7	1	0.00E00	2.45E05	0.00	8.9	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-10.1	1	0.00E00	-1.21E05	647.3	1	0.00E00	-1.21E05	0.00	4.4	0.0	1
38	o	100	40	5.7	5.7	4.6	4.6	-18.6	1	0.00E00	2.22E05	1192.0	1	0.00E00	2.22E05	0.00	8.1	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-8.6	1	0.00E00	-1.02E05	549.3	1	0.00E00	-1.02E05	0.00	3.7	0.0	1
39	o	100	40	5.7	5.7	4.6	4.6	-16.5	1	0.00E00	1.97E05	1055.9	1	0.00E00	1.97E05	0.00	7.1	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-7.1	1	0.00E00	-8.50E04	455.7	1	0.00E00	-8.50E04	0.00	3.1	0.0	1
40	o	100	40	5.7	5.7	4.6	4.6	-14.3	1	0.00E00	1.71E05	916.3	1	0.00E00	1.71E05	0.00	6.2	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-5.7	1	0.00E00	-6.84E04	366.4	1	0.00E00	-6.84E04	0.00	2.5	0.0	1
41	o	100	40	5.7	5.7	4.6	4.6	-12.1	1	0.00E00	1.45E05	777.4	1	0.00E00	1.45E05	0.00	5.3	0.0	1

	v	100	40	5.7	5.7	4.6	4.6	-4.4	1	0.00E00	-5.24E04	280.8	1	0.00E00	-5.24E04	0.00	1.9	0.0 1
42	o	100	40	5.7	5.7	4.6	4.6	-10.0	1	0.00E00	1.20E05	641.8	1	0.00E00	1.20E05	0.00	4.3	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-3.1	1	0.00E00	-3.70E04	198.2	1	0.00E00	-3.70E04	0.00	1.3	0.0 1
43	o	100	40	5.7	5.7	4.6	4.6	-8.2	1	0.00E00	9.86E04	528.5	1	0.00E00	9.86E04	0.00	3.6	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-1.8	1	0.00E00	-2.20E04	118.1	1	0.00E00	-2.20E04	0.00	0.8	0.0 1
44	o	100	40	5.7	5.7	4.6	4.6	-8.2	1	0.00E00	9.80E04	525.3	1	0.00E00	9.80E04	0.00	3.6	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-1.8	1	0.00E00	-2.12E04	113.6	1	0.00E00	-2.12E04	0.00	0.8	0.0 1
45	o	100	40	5.7	5.7	4.6	4.6	-9.9	1	0.00E00	1.19E05	636.2	1	0.00E00	1.19E05	0.00	4.3	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-3.0	1	0.00E00	-3.62E04	194.0	1	0.00E00	-3.62E04	0.00	1.3	0.0 1
46	o	100	40	5.7	5.7	4.6	4.6	-12.1	1	0.00E00	1.44E05	772.9	1	0.00E00	1.44E05	0.00	5.2	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-4.3	1	0.00E00	-5.17E04	277.2	1	0.00E00	-5.17E04	0.00	1.9	0.0 1
47	o	100	40	5.7	5.7	4.6	4.6	-14.3	1	0.00E00	1.70E05	913.3	1	0.00E00	1.70E05	0.00	6.2	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-5.7	1	0.00E00	-6.78E04	363.7	1	0.00E00	-6.78E04	0.00	2.5	0.0 1
48	o	100	40	5.7	5.7	4.6	4.6	-16.5	1	0.00E00	1.97E05	1054.6	1	0.00E00	1.97E05	0.00	7.1	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-7.1	1	0.00E00	-8.47E04	454.0	1	0.00E00	-8.47E04	0.00	3.1	0.0 1
49	o	100	40	5.7	5.7	4.6	4.6	-18.6	1	0.00E00	2.22E05	1192.2	1	0.00E00	2.22E05	0.00	8.1	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-8.6	1	0.00E00	-1.02E05	548.9	1	0.00E00	-1.02E05	0.00	3.7	0.0 1
50	o	100	40	5.7	5.7	4.6	4.6	-20.6	1	0.00E00	2.46E05	1317.8	1	0.00E00	2.46E05	0.00	8.9	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-10.1	1	0.00E00	-1.21E05	648.5	1	0.00E00	-1.21E05	0.00	4.4	0.0 1
51	o	100	40	5.7	5.7	4.6	4.6	-22.0	1	0.00E00	2.64E05	1412.9	1	0.00E00	2.64E05	0.00	9.6	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-11.8	1	0.00E00	-1.41E05	754.0	1	0.00E00	-1.41E05	0.00	5.1	0.0 1
52	o	100	40	5.7	5.7	4.6	4.6	-22.6	1	0.00E00	2.70E05	1445.7	1	0.00E00	2.70E05	0.00	9.8	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-19.9	1	0.00E00	-2.37E05	1272.9	1	0.00E00	-2.37E05	0.00	8.6	0.0 1
53	o	100	40	5.7	5.7	4.6	4.6	-14.1	1	0.00E00	1.69E05	906.6	1	0.00E00	1.69E05	0.00	6.1	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-22.3	1	0.00E00	-2.66E05	1426.5	1	0.00E00	-2.66E05	0.00	9.7	0.0 1
54	o	100	40	5.7	5.7	4.6	4.6	-13.3	1	0.00E00	-1.59E05	854.6	1	0.00E00	-1.59E05	0.00	5.8	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-24.7	1	0.00E00	-2.95E05	1583.3	1	0.00E00	-2.95E05	0.00	10.7	0.0 1
55	o	100	40	5.7	5.7	4.6	4.6	-24.0	1	0.00E00	-2.86E05	1534.9	1	0.00E00	-2.86E05	0.00	10.4	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-26.7	1	0.00E00	-3.19E05	1711.1	1	0.00E00	-3.19E05	0.00	11.6	0.0 1
56	o	100	40	5.7	5.7	4.6	4.6	-26.1	1	0.00E00	-3.12E05	1672.0	1	0.00E00	-3.12E05	0.00	11.3	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-24.9	1	0.00E00	-2.98E05	1598.8	1	0.00E00	-2.98E05	0.00	10.8	0.0 1
57	o	50	40	3.4	3.4	4.6	4.6	-24.2	1	0.00E00	-1.58E05	1418.2	1	0.00E00	-1.58E05	0.00	11.4	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-3.7	1	0.00E00	4.40E04	235.7	1	0.00E00	4.40E04	0.00	1.6	0.0 1
58	o	50	40	3.4	3.4	4.6	4.6	-23.7	1	0.00E00	-1.54E05	1388.4	1	0.00E00	-1.54E05	0.00	11.1	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-2.4	1	0.00E00	-2.90E04	155.7	1	0.00E00	-2.90E04	0.00	1.1	0.0 1
59	o	100	40	5.7	5.7	4.6	4.6	-26.7	1	0.00E00	-3.19E05	1709.0	1	0.00E00	-3.19E05	0.00	11.6	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-15.2	1	0.00E00	-1.81E05	971.7	1	0.00E00	-1.81E05	0.00	6.6	0.0 1
60	o	100	40	5.3	5.3	4.6	4.6	-29.2	1	0.00E00	-3.39E05	1926.6	1	0.00E00	-3.39E05	0.00	12.3	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-26.5	1	0.00E00	-3.17E05	1700.9	1	0.00E00	-3.17E05	0.00	11.5	0.0 1
61	o	100	40	5.7	5.7	4.6	4.6	-28.4	1	0.00E00	-3.39E05	1818.8	1	0.00E00	-3.39E05	0.00	12.3	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-26.3	1	0.00E00	-3.15E05	1686.8	1	0.00E00	-3.15E05	0.00	11.4	0.0 1
62	o	100	40	5.7	5.7	4.6	4.6	-26.5	1	0.00E00	-3.17E05	1700.7	1	0.00E00	-3.17E05	0.00	11.5	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-25.0	1	0.00E00	-2.99E05	1601.5	1	0.00E00	-2.99E05	0.00	10.8	0.0 1
63	o	100	40	5.7	5.7	4.6	4.6	-24.2	1	0.00E00	-2.90E05	1552.0	1	0.00E00	-2.90E05	0.00	10.5	0.0 1

	v	100	40	5.7	5.7	4.6	4.6	-22.9	1	0.00E00	-2.73E05	1464.5	1	0.00E00	-2.73E05	0.00	9.9	0.0 1
64	o	100	40	5.7	5.7	4.6	4.6	-21.9	1	0.00E00	-2.62E05	1403.5	1	0.00E00	-2.62E05	0.00	9.5	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-20.4	1	0.00E00	-2.44E05	1310.3	1	0.00E00	-2.44E05	0.00	8.9	0.0 1
65	o	100	40	5.7	5.7	4.6	4.6	-19.8	1	0.00E00	-2.37E05	1268.6	1	0.00E00	-2.37E05	0.00	8.6	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-18.0	1	0.00E00	-2.15E05	1153.8	1	0.00E00	-2.15E05	0.00	7.8	0.0 1
66	o	100	40	5.7	5.7	4.6	4.6	-17.8	1	0.00E00	-2.13E05	1141.4	1	0.00E00	-2.13E05	0.00	7.7	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-15.6	1	0.00E00	-1.87E05	1000.2	1	0.00E00	-1.87E05	0.00	6.8	0.0 1
67	o	100	40	5.7	5.7	4.6	4.6	-15.9	1	0.00E00	-1.90E05	1020.4	1	0.00E00	-1.90E05	0.00	6.9	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-13.3	1	0.00E00	-1.59E05	851.8	1	0.00E00	-1.59E05	0.00	5.8	0.0 1
68	o	100	40	5.7	5.7	4.6	4.6	-14.1	1	0.00E00	-1.69E05	903.5	1	0.00E00	-1.69E05	0.00	6.1	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-11.1	1	0.00E00	-1.32E05	710.1	1	0.00E00	-1.32E05	0.00	4.8	0.0 1
69	o	100	40	5.7	5.7	4.6	4.6	-12.3	1	0.00E00	-1.47E05	788.4	1	0.00E00	-1.47E05	0.00	5.3	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-9.0	1	0.00E00	-1.07E05	575.0	1	0.00E00	-1.07E05	0.00	3.9	0.0 1
70	o	100	40	5.7	5.7	4.6	4.6	-10.5	1	0.00E00	-1.25E05	672.5	1	0.00E00	-1.25E05	0.00	4.6	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-7.0	1	0.00E00	-8.31E04	445.7	1	0.00E00	-8.31E04	0.00	3.0	0.0 1
71	o	100	40	5.7	5.7	4.6	4.6	-8.9	1	0.00E00	-1.06E05	570.5	1	0.00E00	-1.06E05	0.00	3.9	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-5.0	1	0.00E00	-5.99E04	320.9	1	0.00E00	-5.99E04	0.00	2.2	0.0 1
72	o	100	40	5.7	5.7	4.6	4.6	-8.8	1	0.00E00	-1.06E05	567.0	1	0.00E00	-1.06E05	0.00	3.8	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-4.9	1	0.00E00	-5.85E04	313.9	1	0.00E00	-5.85E04	0.00	2.1	0.0 1
73	o	100	40	5.7	5.7	4.6	4.6	-10.4	1	0.00E00	-1.24E05	665.5	1	0.00E00	-1.24E05	0.00	4.5	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-6.9	1	0.00E00	-8.20E04	439.5	1	0.00E00	-8.20E04	0.00	3.0	0.0 1
74	o	100	40	5.7	5.7	4.6	4.6	-12.2	1	0.00E00	-1.46E05	782.0	1	0.00E00	-1.46E05	0.00	5.3	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-8.9	1	0.00E00	-1.06E05	569.9	1	0.00E00	-1.06E05	0.00	3.9	0.0 1
75	o	100	40	5.7	5.7	4.6	4.6	-14.0	1	0.00E00	-1.68E05	898.0	1	0.00E00	-1.68E05	0.00	6.1	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-11.0	1	0.00E00	-1.32E05	706.6	1	0.00E00	-1.32E05	0.00	4.8	0.0 1
76	o	100	40	5.7	5.7	4.6	4.6	-15.9	1	0.00E00	-1.90E05	1015.9	1	0.00E00	-1.90E05	0.00	6.9	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-13.3	1	0.00E00	-1.59E05	850.1	1	0.00E00	-1.59E05	0.00	5.8	0.0 1
77	o	100	40	5.7	5.7	4.6	4.6	-17.8	1	0.00E00	-2.12E05	1138.4	1	0.00E00	-2.12E05	0.00	7.7	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-15.6	1	0.00E00	-1.87E05	1000.6	1	0.00E00	-1.87E05	0.00	6.8	0.0 1
78	o	100	40	5.7	5.7	4.6	4.6	-19.8	1	0.00E00	-2.36E05	1267.5	1	0.00E00	-2.36E05	0.00	8.6	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-18.1	1	0.00E00	-2.16E05	1156.8	1	0.00E00	-2.16E05	0.00	7.8	0.0 1
79	o	100	40	5.7	5.7	4.6	4.6	-21.9	1	0.00E00	-2.62E05	1404.6	1	0.00E00	-2.62E05	0.00	9.5	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-20.5	1	0.00E00	-2.46E05	1316.4	1	0.00E00	-2.46E05	0.00	8.9	0.0 1
80	o	100	40	5.7	5.7	4.6	4.6	-24.3	1	0.00E00	-2.90E05	1556.3	1	0.00E00	-2.90E05	0.00	10.5	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-23.0	1	0.00E00	-2.75E05	1473.9	1	0.00E00	-2.75E05	0.00	10.0	0.0 1
81	o	100	40	5.7	5.7	4.6	4.6	-26.7	1	0.00E00	-3.19E05	1708.8	1	0.00E00	-3.19E05	0.00	11.6	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-25.2	1	0.00E00	-3.01E05	1614.4	1	0.00E00	-3.01E05	0.00	10.9	0.0 1
82	o	100	40	5.7	5.7	4.6	4.6	-28.6	1	0.00E00	-3.42E05	1832.2	1	0.00E00	-3.42E05	0.00	12.4	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-26.5	1	0.00E00	-3.17E05	1700.8	1	0.00E00	-3.17E05	0.00	11.5	0.0 1
83	o	100	40	5.7	5.7	4.6	4.6	-28.7	1	0.00E00	-3.43E05	1839.0	1	0.00E00	-3.43E05	0.00	12.4	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-26.8	1	0.00E00	-3.20E05	1715.0	1	0.00E00	-3.20E05	0.00	11.6	0.0 1
84	o	100	40	5.7	5.7	4.6	4.6	-27.2	1	0.00E00	-3.25E05	1741.9	1	0.00E00	-3.25E05	0.00	11.8	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-15.2	1	0.00E00	-1.82E05	975.4	1	0.00E00	-1.82E05	0.00	6.6	0.0 1
85	o	50	40	3.4	3.4	4.6	4.6	-24.1	1	0.00E00	-1.57E05	1414.6	1	0.00E00	-1.57E05	0.00	11.3	0.0 1

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        v 100  40   5.7   5.7  4.6  4.6   -2.5  1  0.00E00 -2.97E04   159.3  1  0.00E00 -2.97E04   0.00  1.1
0.0  1
   86   o  50  40   3.4   3.4  4.6  4.6  -20.4  1  0.00E00 -1.33E05  1197.5  1  0.00E00 -1.33E05   0.00  9.6
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -2.8  1  0.00E00  3.37E04   180.6  1  0.00E00  3.37E04   0.00  1.2
0.0  1
   87   o 100  40   5.7   5.7  4.6  4.6  -24.6  1  0.00E00 -2.94E05  1578.2  1  0.00E00 -2.94E05   0.00 10.7
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -12.5  1  0.00E00  1.49E05   798.0  1  0.00E00  1.49E05   0.00  5.4
0.0  1
   88   o 100  40   5.3   5.3  4.6  4.6  -29.2  1  0.00E00 -3.40E05  1929.8  1  0.00E00 -3.40E05   0.00 12.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -24.6  1  0.00E00 -2.94E05  1576.2  1  0.00E00 -2.94E05   0.00 10.7
0.0  1
   89   o 100  40   5.7   5.7  4.6  4.6  -31.0  1  0.00E00 -3.71E05  1988.1  1  0.00E00 -3.71E05   0.00 13.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -27.0  1  0.00E00 -3.23E05  1729.3  1  0.00E00 -3.23E05   0.00 11.7
0.0  1
   90   o 100  40   5.7   5.7  4.6  4.6  -31.9  1  0.00E00 -3.81E05  2041.7  1  0.00E00 -3.81E05   0.00 13.8
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -27.0  1  0.00E00 -3.23E05  1730.0  1  0.00E00 -3.23E05   0.00 11.7
0.0  1
   91   o 100  40   5.7   5.7  4.6  4.6  -31.4  1  0.00E00 -3.75E05  2011.4  1  0.00E00 -3.75E05   0.00 13.6
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -25.5  1  0.00E00 -3.04E05  1631.6  1  0.00E00 -3.04E05   0.00 11.0
0.0  1
   92   o 100  40   5.7   5.7  4.6  4.6  -30.3  1  0.00E00 -3.63E05  1944.3  1  0.00E00 -3.63E05   0.00 13.2
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -23.3  1  0.00E00 -2.79E05  1493.4  1  0.00E00 -2.79E05   0.00 10.1
0.0  1
   93   o 100  40   5.7   5.7  4.6  4.6  -29.0  1  0.00E00 -3.47E05  1861.5  1  0.00E00 -3.47E05   0.00 12.6
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -20.9  1  0.00E00 -2.50E05  1341.0  1  0.00E00 -2.50E05   0.00  9.1
0.0  1
   94   o 100  40   5.7   5.7  4.6  4.6  -27.7  1  0.00E00 -3.31E05  1773.2  1  0.00E00 -3.31E05   0.00 12.0
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -18.5  1  0.00E00 -2.21E05  1187.0  1  0.00E00 -2.21E05   0.00  8.0
0.0  1
   95   o 100  40   5.7   5.7  4.6  4.6  -26.3  1  0.00E00 -3.14E05  1682.8  1  0.00E00 -3.14E05   0.00 11.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -16.2  1  0.00E00 -1.94E05  1037.7  1  0.00E00 -1.94E05   0.00  7.0
0.0  1
   96   o 100  40   5.7   5.7  4.6  4.6  -24.8  1  0.00E00 -2.97E05  1590.7  1  0.00E00 -2.97E05   0.00 10.8
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -14.0  1  0.00E00 -1.67E05   895.8  1  0.00E00 -1.67E05   0.00  6.1
0.0  1
   97   o 100  40   5.7   5.7  4.6  4.6  -23.3  1  0.00E00 -2.79E05  1495.5  1  0.00E00 -2.79E05   0.00 10.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -11.9  1  0.00E00 -1.42E05   762.3  1  0.00E00 -1.42E05   0.00  5.2
0.0  1
   98   o 100  40   5.7   5.7  4.6  4.6  -21.8  1  0.00E00 -2.60E05  1395.2  1  0.00E00 -2.60E05   0.00  9.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -9.9  1  0.00E00 -1.19E05   636.8  1  0.00E00 -1.19E05   0.00  4.3
0.0  1
   99   o 100  40   5.7   5.7  4.6  4.6  -20.3  1  0.00E00 -2.43E05  1303.9  1  0.00E00 -2.43E05   0.00  8.8
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -8.1  1  0.00E00 -9.67E04   518.2  1  0.00E00 -9.67E04   0.00  3.5
0.0  1
  100   o 100  40   5.7   5.7  4.6  4.6  -20.3  1  0.00E00 -2.43E05  1300.7  1  0.00E00 -2.43E05   0.00  8.8
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -8.0  1  0.00E00 -9.55E04   511.7  1  0.00E00 -9.55E04   0.00  3.5
0.0  1
  101   o 100  40   5.7   5.7  4.6  4.6  -21.7  1  0.00E00 -2.59E05  1389.4  1  0.00E00 -2.59E05   0.00  9.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -9.9  1  0.00E00 -1.18E05   631.5  1  0.00E00 -1.18E05   0.00  4.3
0.0  1
  102   o 100  40   5.7   5.7  4.6  4.6  -23.3  1  0.00E00 -2.78E05  1490.8  1  0.00E00 -2.78E05   0.00 10.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -11.8  1  0.00E00 -1.41E05   758.4  1  0.00E00 -1.41E05   0.00  5.1
0.0  1
  103   o 100  40   5.7   5.7  4.6  4.6  -24.8  1  0.00E00 -2.96E05  1587.4  1  0.00E00 -2.96E05   0.00 10.7
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -13.9  1  0.00E00 -1.67E05   893.7  1  0.00E00 -1.67E05   0.00  6.0
0.0  1
  104   o 100  40   5.7   5.7  4.6  4.6  -26.2  1  0.00E00 -3.14E05  1681.2  1  0.00E00 -3.14E05   0.00 11.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -16.2  1  0.00E00 -1.94E05  1037.7  1  0.00E00 -1.94E05   0.00  7.0
0.0  1
  105   o 100  40   5.7   5.7  4.6  4.6  -27.7  1  0.00E00 -3.31E05  1773.4  1  0.00E00 -3.31E05   0.00 12.0
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -18.6  1  0.00E00 -2.22E05  1189.5  1  0.00E00 -2.22E05   0.00  8.0
0.0  1
  106   o 100  40   5.7   5.7  4.6  4.6  -29.1  1  0.00E00 -3.48E05  1863.8  1  0.00E00 -3.48E05   0.00 12.6
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -21.0  1  0.00E00 -2.51E05  1346.5  1  0.00E00 -2.51E05   0.00  9.1
0.0  1
  107   o 100  40   5.7   5.7  4.6  4.6  -30.4  1  0.00E00 -3.64E05  1949.2  1  0.00E00 -3.64E05   0.00 13.2
0.0  1
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        v 100  40   5.7   5.7  4.6  4.6  -23.4  1  0.00E00 -2.80E05  1502.3  1  0.00E00 -2.80E05   0.00 10.2
0.0  1
  108   o 100  40   5.7   5.7  4.6  4.6  -31.5  1  0.00E00 -3.77E05  2018.9  1  0.00E00 -3.77E05   0.00 13.7
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -25.7  1  0.00E00 -3.07E05  1644.3  1  0.00E00 -3.07E05   0.00 11.1
0.0  1
  109   o 100  40   5.7   5.7  4.6  4.6  -32.0  1  0.00E00 -3.83E05  2052.2  1  0.00E00 -3.83E05   0.00 13.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -27.3  1  0.00E00 -3.26E05  1746.7  1  0.00E00 -3.26E05   0.00 11.8
0.0  1
  110   o 100  40   5.7   5.7  4.6  4.6  -31.2  1  0.00E00 -3.73E05  2001.9  1  0.00E00 -3.73E05   0.00 13.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -27.3  1  0.00E00 -3.26E05  1749.6  1  0.00E00 -3.26E05   0.00 11.8
0.0  1
  111   o 100  40   5.7   5.7  4.6  4.6  -28.7  1  0.00E00 -3.43E05  1839.8  1  0.00E00 -3.43E05   0.00 12.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -24.9  1  0.00E00 -2.98E05  1596.8  1  0.00E00 -2.98E05   0.00 10.8
0.0  1
  112   o 100  40   5.7   5.7  4.6  4.6  -25.0  1  0.00E00 -2.99E05  1600.7  1  0.00E00 -2.99E05   0.00 10.8
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -12.5  1  0.00E00  1.50E05   804.2  1  0.00E00  1.50E05   0.00  5.4
0.0  1
  113   o  50  40   3.4   3.4  4.6  4.6  -20.8  1  0.00E00 -1.36E05  1220.1  1  0.00E00 -1.36E05   0.00  9.8
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -2.9  1  0.00E00  3.48E04   186.4  1  0.00E00  3.48E04   0.00  1.3
0.0  1
  114   o  50  40   3.4   3.4  4.6  4.6  -17.5  1  0.00E00 -1.14E05  1023.4  1  0.00E00 -1.14E05   0.00  8.2
0.0  1
        v 100  40   5.9   5.9  4.6  4.6   -2.9  1  0.00E00 -3.50E04   180.0  1  0.00E00 -3.50E04   0.00  1.3
0.0  1
  115   o 100  40   5.7   5.7  4.6  4.6  -21.8  1  0.00E00 -2.60E05  1395.3  1  0.00E00 -2.60E05   0.00  9.4
0.0  1
        v 100  40   5.9   5.9  4.6  4.6  -21.0  1  0.00E00  2.56E05  1315.9  1  0.00E00  2.56E05   0.00  9.3
0.0  1
  116   o 100  40   5.3   5.3  4.6  4.6  -27.2  1  0.00E00 -3.17E05  1797.7  1  0.00E00 -3.17E05   0.00 11.5
0.0  1
        v 100  40   5.9   5.9  4.6  4.6  -20.3  1  0.00E00 -2.48E05  1277.2  1  0.00E00 -2.48E05   0.00  9.0
0.0  1
  117   o 100  40   5.7   5.7  4.6  4.6  -30.7  1  0.00E00 -3.66E05  1964.5  1  0.00E00 -3.66E05   0.00 13.3
0.0  1
        v 100  40   5.9   5.9  4.6  4.6  -24.9  1  0.00E00 -3.04E05  1564.8  1  0.00E00 -3.04E05   0.00 11.0
0.0  1
  118   o 100  40   5.7   5.7  4.6  4.6  -33.4  1  0.00E00 -3.99E05  2137.7  1  0.00E00 -3.99E05   0.00 14.5
0.0  1
        v 100  40   5.9   5.9  4.6  4.6  -26.5  1  0.00E00 -3.23E05  1661.8  1  0.00E00 -3.23E05   0.00 11.7
0.0  1
  119   o 100  40   5.7   5.7  4.6  4.6  -34.6  1  0.00E00 -4.14E05  2217.9  1  0.00E00 -4.14E05   0.00 15.0
0.0  1
        v 100  40   5.9   5.9  4.6  4.6  -25.9  1  0.00E00 -3.16E05  1627.1  1  0.00E00 -3.16E05   0.00 11.4
0.0  1
  120   o 100  40   5.7   5.7  4.6  4.6  -35.0  1  0.00E00 -4.18E05  2240.2  1  0.00E00 -4.18E05   0.00 15.2
0.0  1
        v 100  40   5.9   5.9  4.6  4.6  -24.3  1  0.00E00 -2.97E05  1527.8  1  0.00E00 -2.97E05   0.00 10.8
0.0  1
  121   o 100  40   5.7   5.7  4.6  4.6  -34.8  1  0.00E00 -4.15E05  2227.1  1  0.00E00 -4.15E05   0.00 15.1
0.0  1
        v 100  40   5.9   5.9  4.6  4.6  -22.3  1  0.00E00 -2.72E05  1399.4  1  0.00E00 -2.72E05   0.00  9.8
0.0  1
  122   o 100  40   5.7   5.7  4.6  4.6  -34.2  1  0.00E00 -4.09E05  2193.1  1  0.00E00 -4.09E05   0.00 14.8
0.0  1
        v 100  40   5.9   5.9  4.6  4.6  -20.1  1  0.00E00 -2.45E05  1261.6  1  0.00E00 -2.45E05   0.00  8.9
0.0  1
  123   o 100  40   5.7   5.7  4.6  4.6  -33.5  1  0.00E00 -4.00E05  2145.7  1  0.00E00 -4.00E05   0.00 14.5
0.0  1
        v 100  40   5.9   5.9  4.6  4.6  -17.9  1  0.00E00 -2.19E05  1124.9  1  0.00E00 -2.19E05   0.00  7.9
0.0  1
  124   o 100  40   5.7   5.7  4.6  4.6  -32.6  1  0.00E00 -3.89E05  2087.7  1  0.00E00 -3.89E05   0.00 14.1
0.0  1
        v 100  40   5.9   5.9  4.6  4.6  -15.8  1  0.00E00 -1.93E05   994.6  1  0.00E00 -1.93E05   0.00  7.0
0.0  1
  125   o 100  40   5.7   5.7  4.6  4.6  -31.5  1  0.00E00 -3.77E05  2019.8  1  0.00E00 -3.77E05   0.00 13.7
0.0  1
        v 100  40   5.9   5.9  4.6  4.6  -13.9  1  0.00E00 -1.70E05   873.1  1  0.00E00 -1.70E05   0.00  6.1
0.0  1
  126   o 100  40   5.7   5.7  4.6  4.6  -30.3  1  0.00E00 -3.62E05  1941.1  1  0.00E00 -3.62E05   0.00 13.1
0.0  1
        v 100  40   5.9   5.9  4.6  4.6  -12.1  1  0.00E00 -1.48E05   760.7  1  0.00E00 -1.48E05   0.00  5.4
0.0  1
  127   o 100  40   5.7   5.7  4.6  4.6  -29.1  1  0.00E00 -3.48E05  1864.7  1  0.00E00 -3.48E05   0.00 12.6
0.0  1
        v 100  40   5.9   5.9  4.6  4.6  -10.5  1  0.00E00 -1.28E05   656.8  1  0.00E00 -1.28E05   0.00  4.6
0.0  1
  128   o 100  40   5.7   5.7  4.6  4.6  -29.1  1  0.00E00 -3.47E05  1862.1  1  0.00E00 -3.47E05   0.00 12.6
0.0  1
        v 100  40   5.9   5.9  4.6  4.6  -10.4  1  0.00E00 -1.27E05   651.4  1  0.00E00 -1.27E05   0.00  4.6
0.0  1
  129   o 100  40   5.7   5.7  4.6  4.6  -30.2  1  0.00E00 -3.61E05  1936.5  1  0.00E00 -3.61E05   0.00 13.1
0.0  1
```

	v	100	40	5.9	5.9	4.6	4.6	-12.1	1	0.00E00	-1.47E05	756.7	1	0.00E00	-1.47E05	0.00	5.3	0.0	1
130	o	100	40	5.7	5.7	4.6	4.6	-31.5	1	0.00E00	-3.76E05	2016.8	1	0.00E00	-3.76E05	0.00	13.6	0.0	1
	v	100	40	5.9	5.9	4.6	4.6	-13.9	1	0.00E00	-1.69E05	870.6	1	0.00E00	-1.69E05	0.00	6.1	0.0	1
131	o	100	40	5.7	5.7	4.6	4.6	-32.6	1	0.00E00	-3.89E05	2086.5	1	0.00E00	-3.89E05	0.00	14.1	0.0	1
	v	100	40	5.9	5.9	4.6	4.6	-15.8	1	0.00E00	-1.93E05	994.1	1	0.00E00	-1.93E05	0.00	7.0	0.0	1
132	o	100	40	5.7	5.7	4.6	4.6	-33.5	1	0.00E00	-4.00E05	2146.3	1	0.00E00	-4.00E05	0.00	14.5	0.0	1
	v	100	40	5.9	5.9	4.6	4.6	-17.9	1	0.00E00	-2.19E05	1126.6	1	0.00E00	-2.19E05	0.00	7.9	0.0	1
133	o	100	40	5.7	5.7	4.6	4.6	-34.3	1	0.00E00	-4.10E05	2195.9	1	0.00E00	-4.10E05	0.00	14.9	0.0	1
	v	100	40	5.9	5.9	4.6	4.6	-20.2	1	0.00E00	-2.46E05	1266.0	1	0.00E00	-2.46E05	0.00	8.9	0.0	1
134	o	100	40	5.7	5.7	4.6	4.6	-34.8	1	0.00E00	-4.16E05	2232.0	1	0.00E00	-4.16E05	0.00	15.1	0.0	1
	v	100	40	5.9	5.9	4.6	4.6	-22.4	1	0.00E00	-2.73E05	1406.8	1	0.00E00	-2.73E05	0.00	9.9	0.0	1
135	o	100	40	5.7	5.7	4.6	4.6	-35.1	1	0.00E00	-4.19E05	2247.3	1	0.00E00	-4.19E05	0.00	15.2	0.0	1
	v	100	40	5.9	5.9	4.6	4.6	-24.5	1	0.00E00	-2.99E05	1538.7	1	0.00E00	-2.99E05	0.00	10.8	0.0	1
136	o	100	40	5.7	5.7	4.6	4.6	-34.8	1	0.00E00	-4.15E05	2227.2	1	0.00E00	-4.15E05	0.00	15.1	0.0	1
	v	100	40	5.9	5.9	4.6	4.6	-26.2	1	0.00E00	-3.19E05	1641.8	1	0.00E00	-3.19E05	0.00	11.6	0.0	1
137	o	100	40	5.7	5.7	4.6	4.6	-33.5	1	0.00E00	-4.01E05	2149.2	1	0.00E00	-4.01E05	0.00	14.5	0.0	1
	v	100	40	5.9	5.9	4.6	4.6	-26.8	1	0.00E00	-3.26E05	1680.4	1	0.00E00	-3.26E05	0.00	11.8	0.0	1
138	o	100	40	5.7	5.7	4.6	4.6	-30.9	1	0.00E00	-3.69E05	1978.1	1	0.00E00	-3.69E05	0.00	13.4	0.0	1
	v	100	40	5.9	5.9	4.6	4.6	-25.3	1	0.00E00	-3.08E05	1587.2	1	0.00E00	-3.08E05	0.00	11.2	0.0	1
139	o	100	40	5.7	5.7	4.6	4.6	-26.7	1	0.00E00	-3.20E05	1713.0	1	0.00E00	-3.20E05	0.00	11.6	0.0	1
	v	100	40	5.9	5.9	4.6	4.6	-20.7	1	0.00E00	-2.53E05	1300.8	1	0.00E00	-2.53E05	0.00	9.2	0.0	1
140	o	100	40	5.7	5.7	4.6	4.6	-22.1	1	0.00E00	-2.64E05	1413.2	1	0.00E00	-2.64E05	0.00	9.6	0.0	1
	v	100	40	5.9	5.9	4.6	4.6	-21.0	1	0.00E00	2.56E05	1319.5	1	0.00E00	2.56E05	0.00	9.3	0.0	1
141	o	50	40	3.4	3.4	4.6	4.6	-17.9	1	0.00E00	-1.16E05	1046.5	1	0.00E00	-1.16E05	0.00	8.4	0.0	1
	v	100	40	5.9	5.9	4.6	4.6	-2.9	1	0.00E00	-3.59E04	185.0	1	0.00E00	-3.59E04	0.00	1.3	0.0	1
142	o	50	40	3.4	3.4	4.6	4.6	-14.1	1	0.00E00	-9.22E04	829.0	1	0.00E00	-9.22E04	0.00	6.6	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-2.7	1	0.00E00	-3.22E04	172.6	1	0.00E00	-3.22E04	0.00	1.2	0.0	1
143	o	100	40	5.7	5.7	4.6	4.6	-18.3	1	0.00E00	-2.19E05	1172.7	1	0.00E00	-2.19E05	0.00	7.9	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-21.7	1	0.00E00	2.59E05	1388.3	1	0.00E00	2.59E05	0.00	9.4	0.0	1
144	o	100	40	5.3	5.3	4.6	4.6	-24.1	1	0.00E00	-2.80E05	1590.7	1	0.00E00	-2.80E05	0.00	10.2	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-16.2	1	0.00E00	-1.93E05	1036.9	1	0.00E00	-1.93E05	0.00	7.0	0.0	1
145	o	100	40	5.7	5.7	4.6	4.6	-28.5	1	0.00E00	-3.40E05	1823.7	1	0.00E00	-3.40E05	0.00	12.3	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-22.4	1	0.00E00	-2.68E05	1435.5	1	0.00E00	-2.68E05	0.00	9.7	0.0	1
146	o	100	40	5.7	5.7	4.6	4.6	-32.4	1	0.00E00	-3.87E05	2075.8	1	0.00E00	-3.87E05	0.00	14.0	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-25.3	1	0.00E00	-3.03E05	1623.7	1	0.00E00	-3.03E05	0.00	11.0	0.0	1
147	o	100	40	5.7	5.7	4.6	4.6	-35.0	1	0.00E00	-4.19E05	2244.9	1	0.00E00	-4.19E05	0.00	15.2	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-25.8	1	0.00E00	-3.09E05	1656.1	1	0.00E00	-3.09E05	0.00	11.2	0.0	1
148	o	100	40	5.7	5.7	4.6	4.6	-36.7	1	0.00E00	-4.38E05	2350.5	1	0.00E00	-4.38E05	0.00	15.9	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-25.0	1	0.00E00	-2.98E05	1599.6	1	0.00E00	-2.98E05	0.00	10.8	0.0	1
149	o	100	40	5.7	9.0	4.6	4.6	-30.8	1	0.00E00	-4.49E05	1528.4	1	0.00E00	-4.49E05	0.00	16.1	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-23.4	1	0.00E00	-2.79E05	1496.8	1	0.00E00	-2.79E05	0.00	10.1	0.0	1
150	o	100	40	5.7	11.3	4.6	4.6	-28.5	1	0.00E00	-4.54E05	1245.7	1	0.00E00	-4.54E05	0.00	16.2	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-21.4	1	0.00E00	-2.56E05	1374.4	1	0.00E00	-2.56E05	0.00	9.3	0.0	1
151	o	100	40	5.7	11.3	4.6	4.6	-28.5	1	0.00E00	-4.55E05	1246.7	1	0.00E00	-4.55E05	0.00	16.2	0.0	1

	v	100	40	5.7	5.7	4.6	4.6	-19.5	1	0.00E00	-2.33E05	1247.8	1	0.00E00	-2.33E05	0.00	8.4	0.0	1
152	o	100	40	5.7	11.3	4.6	4.6	-28.3	1	0.00E00	-4.51E05	1237.7	1	0.00E00	-4.51E05	0.00	16.1	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-17.6	1	0.00E00	-2.10E05	1125.5	1	0.00E00	-2.10E05	0.00	7.6	0.0	1
153	o	100	40	5.7	9.0	4.6	4.6	-30.5	1	0.00E00	-4.45E05	1512.7	1	0.00E00	-4.45E05	0.00	16.0	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-15.8	1	0.00E00	-1.89E05	1012.0	1	0.00E00	-1.89E05	0.00	6.8	0.0	1
154	o	100	40	5.7	5.7	4.6	4.6	-36.4	1	0.00E00	-4.35E05	2332.7	1	0.00E00	-4.35E05	0.00	15.8	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-14.2	1	0.00E00	-1.70E05	908.7	1	0.00E00	-1.70E05	0.00	6.1	0.0	1
155	o	100	40	5.7	5.7	4.6	4.6	-35.5	1	0.00E00	-4.24E05	2275.2	1	0.00E00	-4.24E05	0.00	15.4	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-12.7	1	0.00E00	-1.52E05	815.6	1	0.00E00	-1.52E05	0.00	5.5	0.0	1
156	o	100	40	5.7	5.7	4.6	4.6	-35.5	1	0.00E00	-4.24E05	2273.3	1	0.00E00	-4.24E05	0.00	15.4	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-12.7	1	0.00E00	-1.51E05	811.1	1	0.00E00	-1.51E05	0.00	5.5	0.0	1
157	o	100	40	5.7	5.7	4.6	4.6	-36.3	1	0.00E00	-4.35E05	2329.6	1	0.00E00	-4.35E05	0.00	15.8	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-14.1	1	0.00E00	-1.69E05	905.9	1	0.00E00	-1.69E05	0.00	6.1	0.0	1
158	o	100	40	5.7	5.7	4.6	4.6	-37.2	1	0.00E00	-4.45E05	2383.6	1	0.00E00	-4.45E05	0.00	16.1	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-15.8	1	0.00E00	-1.89E05	1011.0	1	0.00E00	-1.89E05	0.00	6.8	0.0	1
159	o	100	40	5.7	5.7	4.6	4.6	-37.8	1	0.00E00	-4.52E05	2420.6	1	0.00E00	-4.52E05	0.00	16.4	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-17.6	1	0.00E00	-2.10E05	1126.8	1	0.00E00	-2.10E05	0.00	7.6	0.0	1
160	o	100	40	5.7	5.7	4.6	4.6	-38.1	1	0.00E00	-4.55E05	2440.3	1	0.00E00	-4.55E05	0.00	16.5	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-19.5	1	0.00E00	-2.33E05	1251.5	1	0.00E00	-2.33E05	0.00	8.5	0.0	1
161	o	100	40	5.7	5.7	4.6	4.6	-38.1	1	0.00E00	-4.55E05	2440.4	1	0.00E00	-4.55E05	0.00	16.5	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-21.5	1	0.00E00	-2.58E05	1381.0	1	0.00E00	-2.58E05	0.00	9.3	0.0	1
162	o	100	40	5.7	5.7	4.6	4.6	-37.7	1	0.00E00	-4.51E05	2416.2	1	0.00E00	-4.51E05	0.00	16.3	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-23.5	1	0.00E00	-2.81E05	1506.7	1	0.00E00	-2.81E05	0.00	10.2	0.0	1
163	o	100	40	5.7	5.7	4.6	4.6	-36.8	1	0.00E00	-4.40E05	2359.0	1	0.00E00	-4.40E05	0.00	16.0	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-25.2	1	0.00E00	-3.01E05	1613.1	1	0.00E00	-3.01E05	0.00	10.9	0.0	1
164	o	100	40	5.7	5.7	4.6	4.6	-35.2	1	0.00E00	-4.21E05	2255.0	1	0.00E00	-4.21E05	0.00	15.3	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-26.1	1	0.00E00	-3.12E05	1673.4	1	0.00E00	-3.12E05	0.00	11.3	0.0	1
165	o	100	40	5.7	5.7	4.6	4.6	-32.6	1	0.00E00	-3.89E05	2087.4	1	0.00E00	-3.89E05	0.00	14.1	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-25.7	1	0.00E00	-3.07E05	1645.0	1	0.00E00	-3.07E05	0.00	11.1	0.0	1
166	o	100	40	5.7	5.7	4.6	4.6	-28.7	1	0.00E00	-3.43E05	1836.4	1	0.00E00	-3.43E05	0.00	12.4	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-22.8	1	0.00E00	-2.72E05	1460.2	1	0.00E00	-2.72E05	0.00	9.9	0.0	1
167	o	100	40	5.7	5.7	4.6	4.6	-23.6	1	0.00E00	-2.83E05	1515.4	1	0.00E00	-2.83E05	0.00	10.3	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-16.6	1	0.00E00	-1.99E05	1064.2	1	0.00E00	-1.99E05	0.00	7.2	0.0	1
168	o	100	40	5.7	5.7	4.6	4.6	-18.5	1	0.00E00	-2.21E05	1186.8	1	0.00E00	-2.21E05	0.00	8.0	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-21.6	1	0.00E00	2.58E05	1382.4	1	0.00E00	2.58E05	0.00	9.4	0.0	1
169	o	50	40	3.4	3.4	4.6	4.6	-14.5	1	0.00E00	-9.45E04	849.7	1	0.00E00	-9.45E04	0.00	6.8	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-2.8	1	0.00E00	-3.30E04	176.8	1	0.00E00	-3.30E04	0.00	1.2	0.0	1
170	o	50	40	3.4	3.4	4.6	4.6	-8.9	1	0.00E00	-5.83E04	524.0	1	0.00E00	-5.83E04	0.00	4.2	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-2.2	1	0.00E00	-2.62E04	140.3	1	0.00E00	-2.62E04	0.00	0.9	0.0	1
171	o	100	40	5.7	5.7	4.6	4.6	-12.4	1	0.00E00	-1.49E05	796.4	1	0.00E00	-1.49E05	0.00	5.4	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-19.9	1	0.00E00	2.38E05	1277.3	1	0.00E00	2.38E05	0.00	8.6	0.0	1
172	o	100	40	5.3	5.3	4.6	4.6	-20.4	1	0.00E00	-2.37E05	1344.7	1	0.00E00	-2.37E05	0.00	8.6	0.0	1
	v	100	40	5.7	5.7	4.6	4.6	-11.4	1	0.00E00	-1.37E05	732.5	1	0.00E00	-1.37E05	0.00	5.0	0.0	1
173	o	100	40	5.7	5.7	4.6	4.6	-25.3	1	0.00E00	-3.02E05	1619.8	1	0.00E00	-3.02E05	0.00	11.0	0.0	1

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        v 100  40   5.7   5.7  4.6  4.6  -18.6  1  0.00E00 -2.22E05  1190.9  1  0.00E00 -2.22E05   0.00  8.1
0.0  1
  174   o 100  40   5.7   5.7  4.6  4.6  -30.0  1  0.00E00 -3.58E05  1919.9  1  0.00E00 -3.58E05   0.00 13.0
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -22.5  1  0.00E00 -2.69E05  1441.7  1  0.00E00 -2.69E05   0.00  9.8
0.0  1
  175   o 100  40   5.7   5.7  4.6  4.6  -33.6  1  0.00E00 -4.02E05  2153.1  1  0.00E00 -4.02E05   0.00 14.6
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -23.9  1  0.00E00 -2.86E05  1534.2  1  0.00E00 -2.86E05   0.00 10.4
0.0  1
  176   o 100  40   5.7   5.7  4.6  4.6  -36.3  1  0.00E00 -4.34E05  2327.1  1  0.00E00 -4.34E05   0.00 15.7
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -23.8  1  0.00E00 -2.85E05  1526.3  1  0.00E00 -2.85E05   0.00 10.3
0.0  1
  177   o 100  40   5.7   9.0  4.6  4.6  -31.4  1  0.00E00 -4.57E05  1554.9  1  0.00E00 -4.57E05   0.00 16.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -22.8  1  0.00E00 -2.73E05  1461.0  1  0.00E00 -2.73E05   0.00  9.9
0.0  1
  178   o 100  40   5.7  11.3  4.6  4.6  -29.7  1  0.00E00 -4.73E05  1296.9  1  0.00E00 -4.73E05   0.00 16.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -21.3  1  0.00E00 -2.55E05  1367.5  1  0.00E00 -2.55E05   0.00  9.3
0.0  1
  179   o 100  40   5.7  11.3  4.6  4.6  -30.3  1  0.00E00 -4.83E05  1323.6  1  0.00E00 -4.83E05   0.00 17.2
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -19.7  1  0.00E00 -2.36E05  1264.4  1  0.00E00 -2.36E05   0.00  8.6
0.0  1
  180   o 100  40   5.7  11.3  4.6  4.6  -30.6  1  0.00E00 -4.87E05  1336.4  1  0.00E00 -4.87E05   0.00 17.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -18.1  1  0.00E00 -2.17E05  1162.6  1  0.00E00 -2.17E05   0.00  7.9
0.0  1
  181   o 100  40   5.7   9.0  4.6  4.6  -33.4  1  0.00E00 -4.88E05  1657.9  1  0.00E00 -4.88E05   0.00 17.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -16.7  1  0.00E00 -1.99E05  1068.2  1  0.00E00 -1.99E05   0.00  7.2
0.0  1
  182   o 100  40   5.7   5.7  4.6  4.6  -40.4  1  0.00E00 -4.83E05  2591.3  1  0.00E00 -4.83E05   0.00 17.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -15.4  1  0.00E00 -1.84E05   983.9  1  0.00E00 -1.84E05   0.00  6.7
0.0  1
  183   o 100  40   5.7   5.7  4.6  4.6  -39.9  1  0.00E00 -4.77E05  2556.0  1  0.00E00 -4.77E05   0.00 17.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -14.2  1  0.00E00 -1.70E05   910.5  1  0.00E00 -1.70E05   0.00  6.2
0.0  1
  184   o 100  40   5.7   5.7  4.6  4.6  -39.9  1  0.00E00 -4.77E05  2554.8  1  0.00E00 -4.77E05   0.00 17.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -14.2  1  0.00E00 -1.69E05   907.4  1  0.00E00 -1.69E05   0.00  6.1
0.0  1
  185   o 100  40   5.7   5.7  4.6  4.6  -40.4  1  0.00E00 -4.83E05  2589.8  1  0.00E00 -4.83E05   0.00 17.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -15.3  1  0.00E00 -1.83E05   982.6  1  0.00E00 -1.83E05   0.00  6.6
0.0  1
  186   o 100  40   5.7   5.7  4.6  4.6  -40.8  1  0.00E00 -4.88E05  2614.1  1  0.00E00 -4.88E05   0.00 17.7
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -16.7  1  0.00E00 -1.99E05  1068.9  1  0.00E00 -1.99E05   0.00  7.2
0.0  1
  187   o 100  40   5.7   5.7  4.6  4.6  -40.8  1  0.00E00 -4.88E05  2615.4  1  0.00E00 -4.88E05   0.00 17.7
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -18.2  1  0.00E00 -2.17E05  1165.6  1  0.00E00 -2.17E05   0.00  7.9
0.0  1
  188   o 100  40   5.7   5.7  4.6  4.6  -40.4  1  0.00E00 -4.84E05  2592.3  1  0.00E00 -4.84E05   0.00 17.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -19.8  1  0.00E00 -2.37E05  1269.9  1  0.00E00 -2.37E05   0.00  8.6
0.0  1
  189   o 100  40   5.7   5.7  4.6  4.6  -39.7  1  0.00E00 -4.74E05  2542.0  1  0.00E00 -4.74E05   0.00 17.2
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -21.5  1  0.00E00 -2.57E05  1375.8  1  0.00E00 -2.57E05   0.00  9.3
0.0  1
  190   o 100  40   5.7   5.7  4.6  4.6  -38.4  1  0.00E00 -4.59E05  2459.2  1  0.00E00 -4.59E05   0.00 16.6
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -23.0  1  0.00E00 -2.75E05  1472.4  1  0.00E00 -2.75E05   0.00 10.0
0.0  1
  191   o 100  40   5.7   5.7  4.6  4.6  -36.5  1  0.00E00 -4.36E05  2336.4  1  0.00E00 -4.36E05   0.00 15.8
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -24.0  1  0.00E00 -2.87E05  1541.1  1  0.00E00 -2.87E05   0.00 10.4
0.0  1
  192   o 100  40   5.7   5.7  4.6  4.6  -33.8  1  0.00E00 -4.04E05  2163.5  1  0.00E00 -4.04E05   0.00 14.6
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -24.2  1  0.00E00 -2.90E05  1552.6  1  0.00E00 -2.90E05   0.00 10.5
0.0  1
  193   o 100  40   5.7   5.7  4.6  4.6  -30.1  1  0.00E00 -3.60E05  1931.2  1  0.00E00 -3.60E05   0.00 13.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -22.8  1  0.00E00 -2.73E05  1463.8  1  0.00E00 -2.73E05   0.00  9.9
0.0  1
  194   o 100  40   5.7   5.7  4.6  4.6  -25.5  1  0.00E00 -3.04E05  1631.4  1  0.00E00 -3.04E05   0.00 11.0
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -19.0  1  0.00E00 -2.27E05  1215.7  1  0.00E00 -2.27E05   0.00  8.2
0.0  1
  195   o 100  40   5.7   5.7  4.6  4.6  -20.0  1  0.00E00 -2.39E05  1281.0  1  0.00E00 -2.39E05   0.00  8.7
0.0  1
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        v 100  40   5.7   5.7  4.6  4.6  -11.9  1  0.00E00 -1.42E05   761.2  1  0.00E00 -1.42E05   0.00  5.2
0.0  1
  196   o 100  40   5.7   5.7  4.6  4.6  -12.6  1  0.00E00 -1.50E05   805.8  1  0.00E00 -1.50E05   0.00  5.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -19.7  1  0.00E00  2.36E05  1262.7  1  0.00E00  2.36E05   0.00  8.5
0.0  1
  197   o  50  40   3.4   3.4  4.6  4.6   -9.2  1  0.00E00 -5.99E04   538.1  1  0.00E00 -5.99E04   0.00  4.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -2.2  1  0.00E00 -2.67E04   143.4  1  0.00E00 -2.67E04   0.00  1.0
0.0  1
  198   o  50  40   3.4   3.4  4.6  4.6   -2.0  1  0.00E00 -1.29E04   115.9  1  0.00E00 -1.29E04   0.00  0.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -1.5  1  0.00E00 -1.84E04    98.6  1  0.00E00 -1.84E04   0.00  0.7
0.0  1
  199   o 100  40   5.7   5.7  4.6  4.6   -8.0  1  0.00E00 -9.59E04   514.2  1  0.00E00 -9.59E04   0.00  3.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -17.0  1  0.00E00  2.03E05  1087.6  1  0.00E00  2.03E05   0.00  7.4
0.0  1
  200   o 100  40   5.3   5.3  4.6  4.6  -16.3  1  0.00E00 -1.89E05  1074.4  1  0.00E00 -1.89E05   0.00  6.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -5.7  1  0.00E00 -6.84E04   366.7  1  0.00E00 -6.84E04   0.00  2.5
0.0  1
  201   o 100  40   5.7   5.7  4.6  4.6  -21.5  1  0.00E00 -2.57E05  1377.6  1  0.00E00 -2.57E05   0.00  9.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -14.4  1  0.00E00 -1.72E05   919.9  1  0.00E00 -1.72E05   0.00  6.2
0.0  1
  202   o 100  40   5.7   5.7  4.6  4.6  -26.6  1  0.00E00 -3.18E05  1705.4  1  0.00E00 -3.18E05   0.00 11.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -18.9  1  0.00E00 -2.26E05  1210.7  1  0.00E00 -2.26E05   0.00  8.2
0.0  1
  203   o 100  40   5.7   5.7  4.6  4.6  -30.9  1  0.00E00 -3.70E05  1982.4  1  0.00E00 -3.70E05   0.00 13.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -21.0  1  0.00E00 -2.52E05  1348.8  1  0.00E00 -2.52E05   0.00  9.1
0.0  1
  204   o 100  40   5.7   5.7  4.6  4.6  -34.5  1  0.00E00 -4.12E05  2208.7  1  0.00E00 -4.12E05   0.00 14.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -21.6  1  0.00E00 -2.58E05  1384.4  1  0.00E00 -2.58E05   0.00  9.4
0.0  1
  205   o 100  40   5.7   9.0  4.6  4.6  -30.5  1  0.00E00 -4.45E05  1514.3  1  0.00E00 -4.45E05   0.00 16.0
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -21.2  1  0.00E00 -2.53E05  1357.5  1  0.00E00 -2.53E05   0.00  9.2
0.0  1
  206   o 100  40   5.7  11.3  4.6  4.6  -29.5  1  0.00E00 -4.71E05  1290.7  1  0.00E00 -4.71E05   0.00 16.8
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -20.2  1  0.00E00 -2.42E05  1297.3  1  0.00E00 -2.42E05   0.00  8.8
0.0  1
  207   o 100  40   5.7  11.3  4.6  4.6  -30.7  1  0.00E00 -4.89E05  1341.5  1  0.00E00 -4.89E05   0.00 17.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -19.1  1  0.00E00 -2.28E05  1223.3  1  0.00E00 -2.28E05   0.00  8.3
0.0  1
  208   o 100  40   5.7  11.3  4.6  4.6  -31.5  1  0.00E00 -5.02E05  1375.5  1  0.00E00 -5.02E05   0.00 17.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -17.9  1  0.00E00 -2.14E05  1147.6  1  0.00E00 -2.14E05   0.00  7.8
0.0  1
  209   o 100  40   5.7   9.0  4.6  4.6  -34.9  1  0.00E00 -5.09E05  1729.4  1  0.00E00 -5.09E05   0.00 18.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -16.8  1  0.00E00 -2.01E05  1077.5  1  0.00E00 -2.01E05   0.00  7.3
0.0  1
  210   o 100  40   5.7   5.7  4.6  4.6  -42.7  1  0.00E00 -5.10E05  2735.3  1  0.00E00 -5.10E05   0.00 18.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -15.9  1  0.00E00 -1.90E05  1016.7  1  0.00E00 -1.90E05   0.00  6.9
0.0  1
  211   o 100  40   5.7   5.7  4.6  4.6  -42.5  1  0.00E00 -5.08E05  2724.1  1  0.00E00 -5.08E05   0.00 18.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -15.1  1  0.00E00 -1.80E05   966.9  1  0.00E00 -1.80E05   0.00  6.5
0.0  1
  212   o 100  40   5.7   5.7  4.6  4.6  -42.5  1  0.00E00 -5.08E05  2723.7  1  0.00E00 -5.08E05   0.00 18.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -15.1  1  0.00E00 -1.80E05   965.3  1  0.00E00 -1.80E05   0.00  6.5
0.0  1
  213   o 100  40   5.7   5.7  4.6  4.6  -42.7  1  0.00E00 -5.10E05  2735.4  1  0.00E00 -5.10E05   0.00 18.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -15.9  1  0.00E00 -1.90E05  1017.0  1  0.00E00 -1.90E05   0.00  6.9
0.0  1
  214   o 100  40   5.7   5.7  4.6  4.6  -42.6  1  0.00E00 -5.09E05  2728.3  1  0.00E00 -5.09E05   0.00 18.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -16.8  1  0.00E00 -2.01E05  1079.8  1  0.00E00 -2.01E05   0.00  7.3
0.0  1
  215   o 100  40   5.7   5.7  4.6  4.6  -42.0  1  0.00E00 -5.02E05  2693.4  1  0.00E00 -5.02E05   0.00 18.2
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -18.0  1  0.00E00 -2.15E05  1152.1  1  0.00E00 -2.15E05   0.00  7.8
0.0  1
  216   o 100  40   5.7   5.7  4.6  4.6  -41.0  1  0.00E00 -4.90E05  2628.7  1  0.00E00 -4.90E05   0.00 17.8
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -19.2  1  0.00E00 -2.29E05  1230.2  1  0.00E00 -2.29E05   0.00  8.3
0.0  1
  217   o 100  40   5.7   5.7  4.6  4.6  -39.5  1  0.00E00 -4.72E05  2531.0  1  0.00E00 -4.72E05   0.00 17.1
0.0  1
```

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        v 100  40   5.7   5.7  4.6  4.6  -20.4  1  0.00E00 -2.44E05  1306.9  1  0.00E00 -2.44E05   0.00  8.8
0.0  1
  218   o 100  40   5.7   5.7  4.6  4.6  -37.4  1  0.00E00 -4.47E05  2396.0  1  0.00E00 -4.47E05   0.00 16.2
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -21.4  1  0.00E00 -2.56E05  1370.0  1  0.00E00 -2.56E05   0.00  9.3
0.0  1
  219   o 100  40   5.7   5.7  4.6  4.6  -34.6  1  0.00E00 -4.14E05  2218.4  1  0.00E00 -4.14E05   0.00 15.0
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -21.8  1  0.00E00 -2.61E05  1400.0  1  0.00E00 -2.61E05   0.00  9.5
0.0  1
  220   o 100  40   5.7   5.7  4.6  4.6  -31.1  1  0.00E00 -3.72E05  1992.8  1  0.00E00 -3.72E05   0.00 13.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -21.3  1  0.00E00 -2.55E05  1367.7  1  0.00E00 -2.55E05   0.00  9.3
0.0  1
  221   o 100  40   5.7   5.7  4.6  4.6  -26.8  1  0.00E00 -3.20E05  1716.0  1  0.00E00 -3.20E05   0.00 11.6
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -19.2  1  0.00E00 -2.30E05  1232.9  1  0.00E00 -2.30E05   0.00  8.3
0.0  1
  222   o 100  40   5.7   5.7  4.6  4.6  -21.7  1  0.00E00 -2.59E05  1387.9  1  0.00E00 -2.59E05   0.00  9.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -14.7  1  0.00E00 -1.76E05   944.8  1  0.00E00 -1.76E05   0.00  6.4
0.0  1
  223   o 100  40   5.7   5.7  4.6  4.6  -16.0  1  0.00E00 -1.91E05  1023.6  1  0.00E00 -1.91E05   0.00  6.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -7.2  1  0.00E00 -8.57E04   459.4  1  0.00E00 -8.57E04   0.00  3.1
0.0  1
  224   o 100  40   5.7   5.7  4.6  4.6   -8.1  1  0.00E00 -9.62E04   515.9  1  0.00E00 -9.62E04   0.00  3.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -16.6  1  0.00E00  1.99E05  1066.1  1  0.00E00  1.99E05   0.00  7.2
0.0  1
  225   o  50  40   3.4   3.4  4.6  4.6   -2.3  1  0.00E00 -1.49E04   134.3  1  0.00E00 -1.49E04   0.00  1.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -1.6  1  0.00E00 -1.88E04   100.5  1  0.00E00 -1.88E04   0.00  0.7
0.0  1
  226   o  50  40   3.4   3.4  4.6  4.6   -1.2  1  0.00E00 -7.83E03    70.3  1  0.00E00 -7.83E03   0.00  0.6
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -1.0  1  0.00E00 -1.23E04    65.7  1  0.00E00 -1.23E04   0.00  0.4
0.0  1
  227   o 100  40   5.7   5.7  4.6  4.6   -5.3  1  0.00E00 -6.33E04   339.2  1  0.00E00 -6.33E04   0.00  2.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -13.7  1  0.00E00  1.64E05   877.1  1  0.00E00  1.64E05   0.00  5.9
0.0  1
  228   o 100  40   5.3   5.3  4.6  4.6  -11.9  1  0.00E00 -1.39E05   787.7  1  0.00E00 -1.39E05   0.00  5.0
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -1.2  1  0.00E00 -1.49E04    80.0  1  0.00E00 -1.49E04   0.00  0.5
0.0  1
  229   o 100  40   5.7   5.7  4.6  4.6  -17.3  1  0.00E00 -2.07E05  1109.7  1  0.00E00 -2.07E05   0.00  7.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -10.7  1  0.00E00 -1.28E05   683.6  1  0.00E00 -1.28E05   0.00  4.6
0.0  1
  230   o 100  40   5.7   5.7  4.6  4.6  -22.7  1  0.00E00 -2.71E05  1451.8  1  0.00E00 -2.71E05   0.00  9.8
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -15.5  1  0.00E00 -1.85E05   994.3  1  0.00E00 -1.85E05   0.00  6.7
0.0  1
  231   o 100  40   5.7   5.7  4.6  4.6  -27.4  1  0.00E00 -3.28E05  1757.5  1  0.00E00 -3.28E05   0.00 11.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -18.1  1  0.00E00 -2.16E05  1160.2  1  0.00E00 -2.16E05   0.00  7.9
0.0  1
  232   o 100  40   5.7   5.7  4.6  4.6  -31.6  1  0.00E00 -3.77E05  2022.0  1  0.00E00 -3.77E05   0.00 13.7
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -19.1  1  0.00E00 -2.29E05  1226.6  1  0.00E00 -2.29E05   0.00  8.3
0.0  1
  233   o 100  40   5.7   9.0  4.6  4.6  -28.7  1  0.00E00 -4.19E05  1423.1  1  0.00E00 -4.19E05   0.00 15.0
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -19.2  1  0.00E00 -2.30E05  1230.5  1  0.00E00 -2.30E05   0.00  8.3
0.0  1
  234   o 100  40   5.7  11.3  4.6  4.6  -28.4  1  0.00E00 -4.52E05  1239.3  1  0.00E00 -4.52E05   0.00 16.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -18.7  1  0.00E00 -2.24E05  1199.4  1  0.00E00 -2.24E05   0.00  8.1
0.0  1
  235   o 100  40   5.7  11.3  4.6  4.6  -30.0  1  0.00E00 -4.78E05  1311.1  1  0.00E00 -4.78E05   0.00 17.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -18.0  1  0.00E00 -2.15E05  1152.3  1  0.00E00 -2.15E05   0.00  7.8
0.0  1
  236   o 100  40   5.7  11.3  4.6  4.6  -31.2  1  0.00E00 -4.98E05  1364.4  1  0.00E00 -4.98E05   0.00 17.8
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -17.2  1  0.00E00 -2.05E05  1101.5  1  0.00E00 -2.05E05   0.00  7.5
0.0  1
  237   o 100  40   5.7   9.0  4.6  4.6  -35.0  1  0.00E00 -5.11E05  1737.2  1  0.00E00 -5.11E05   0.00 18.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -16.5  1  0.00E00 -1.97E05  1054.6  1  0.00E00 -1.97E05   0.00  7.1
0.0  1
  238   o 100  40   5.7   5.7  4.6  4.6  -43.4  1  0.00E00 -5.18E05  2778.7  1  0.00E00 -5.18E05   0.00 18.8
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -15.9  1  0.00E00 -1.90E05  1016.1  1  0.00E00 -1.90E05   0.00  6.9
0.0  1
  239   o 100  40   5.7   5.7  4.6  4.6  -43.6  1  0.00E00 -5.21E05  2792.2  1  0.00E00 -5.21E05   0.00 18.9
0.0  1
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        v 100  40   5.7   5.7  4.6  4.6  -15.4  1  0.00E00 -1.84E05   988.1  1  0.00E00 -1.84E05   0.00  6.7
0.0  1
  240   o 100  40   5.7   5.7  4.6  4.6  -43.6  1  0.00E00 -5.21E05  2792.5  1  0.00E00 -5.21E05   0.00 18.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -15.4  1  0.00E00 -1.84E05   987.9  1  0.00E00 -1.84E05   0.00  6.7
0.0  1
  241   o 100  40   5.7   5.7  4.6  4.6  -43.4  1  0.00E00 -5.19E05  2780.2  1  0.00E00 -5.19E05   0.00 18.8
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -15.9  1  0.00E00 -1.90E05  1017.8  1  0.00E00 -1.90E05   0.00  6.9
0.0  1
  242   o 100  40   5.7   5.7  4.6  4.6  -42.8  1  0.00E00 -5.12E05  2742.2  1  0.00E00 -5.12E05   0.00 18.6
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -16.5  1  0.00E00 -1.97E05  1058.3  1  0.00E00 -1.97E05   0.00  7.2
0.0  1
  243   o 100  40   5.7   5.7  4.6  4.6  -41.7  1  0.00E00 -4.99E05  2673.0  1  0.00E00 -4.99E05   0.00 18.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -17.3  1  0.00E00 -2.07E05  1107.3  1  0.00E00 -2.07E05   0.00  7.5
0.0  1
  244   o 100  40   5.7   5.7  4.6  4.6  -40.1  1  0.00E00 -4.79E05  2570.3  1  0.00E00 -4.79E05   0.00 17.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -18.1  1  0.00E00 -2.16E05  1160.4  1  0.00E00 -2.16E05   0.00  7.9
0.0  1
  245   o 100  40   5.7   5.7  4.6  4.6  -37.9  1  0.00E00 -4.54E05  2431.3  1  0.00E00 -4.54E05   0.00 16.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -18.9  1  0.00E00 -2.26E05  1210.0  1  0.00E00 -2.26E05   0.00  8.2
0.0  1
  246   o 100  40   5.7   5.7  4.6  4.6  -35.1  1  0.00E00 -4.20E05  2252.7  1  0.00E00 -4.20E05   0.00 15.2
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -19.4  1  0.00E00 -2.32E05  1243.7  1  0.00E00 -2.32E05   0.00  8.4
0.0  1
  247   o 100  40   5.7   5.7  4.6  4.6  -31.7  1  0.00E00 -3.79E05  2031.8  1  0.00E00 -3.79E05   0.00 13.7
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -19.4  1  0.00E00 -2.32E05  1242.6  1  0.00E00 -2.32E05   0.00  8.4
0.0  1
  248   o 100  40   5.7   5.7  4.6  4.6  -27.6  1  0.00E00 -3.30E05  1767.5  1  0.00E00 -3.30E05   0.00 12.0
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -18.4  1  0.00E00 -2.20E05  1179.1  1  0.00E00 -2.20E05   0.00  8.0
0.0  1
  249   o 100  40   5.7   5.7  4.6  4.6  -22.8  1  0.00E00 -2.73E05  1461.4  1  0.00E00 -2.73E05   0.00  9.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -15.9  1  0.00E00 -1.90E05  1016.1  1  0.00E00 -1.90E05   0.00  6.9
0.0  1
  250   o 100  40   5.7   5.7  4.6  4.6  -17.4  1  0.00E00 -2.09E05  1118.3  1  0.00E00 -2.09E05   0.00  7.6
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -11.0  1  0.00E00 -1.32E05   707.9  1  0.00E00 -1.32E05   0.00  4.8
0.0  1
  251   o 100  40   5.7   5.7  4.6  4.6  -11.7  1  0.00E00 -1.40E05   750.4  1  0.00E00 -1.40E05   0.00  5.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -3.3  1  0.00E00 -3.94E04   211.3  1  0.00E00 -3.94E04   0.00  1.4
0.0  1
  252   o 100  40   5.7   5.7  4.6  4.6   -5.3  1  0.00E00 -6.36E04   340.9  1  0.00E00 -6.36E04   0.00  2.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -13.3  1  0.00E00  1.59E05   850.9  1  0.00E00  1.59E05   0.00  5.8
0.0  1
  253   o  50  40   3.4   3.4  4.6  4.6   -1.4  1  0.00E00 -9.08E03    81.6  1  0.00E00 -9.08E03   0.00  0.7
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -1.0  1  0.00E00 -1.25E04    66.9  1  0.00E00 -1.25E04   0.00  0.5
0.0  1
  254   o  50  40   3.4   3.4  4.6  4.6   -1.2  1  0.00E00 -7.95E03    71.4  1  0.00E00 -7.95E03   0.00  0.6
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -1.0  1  0.00E00 -1.24E04    66.3  1  0.00E00 -1.24E04   0.00  0.4
0.0  1
  255   o 100  40   5.7   5.7  4.6  4.6   -5.4  1  0.00E00 -6.43E04   344.5  1  0.00E00 -6.43E04   0.00  2.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -13.7  1  0.00E00  1.64E05   880.2  1  0.00E00  1.64E05   0.00  6.0
0.0  1
  256   o 100  40   5.3   5.3  4.6  4.6  -12.1  1  0.00E00 -1.40E05   796.3  1  0.00E00 -1.40E05   0.00  5.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -1.3  1  0.00E00 -1.51E04    81.0  1  0.00E00 -1.51E04   0.00  0.5
0.0  1
  257   o 100  40   5.7   5.7  4.6  4.6  -17.4  1  0.00E00 -2.08E05  1116.8  1  0.00E00 -2.08E05   0.00  7.6
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -10.7  1  0.00E00 -1.28E05   687.4  1  0.00E00 -1.28E05   0.00  4.7
0.0  1
  258   o 100  40   5.7   5.7  4.6  4.6  -22.7  1  0.00E00 -2.72E05  1457.3  1  0.00E00 -2.72E05   0.00  9.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -15.6  1  0.00E00 -1.86E05   997.6  1  0.00E00 -1.86E05   0.00  6.8
0.0  1
  259   o 100  40   5.7   5.7  4.6  4.6  -27.5  1  0.00E00 -3.29E05  1761.1  1  0.00E00 -3.29E05   0.00 11.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -18.1  1  0.00E00 -2.17E05  1162.8  1  0.00E00 -2.17E05   0.00  7.9
0.0  1
  260   o 100  40   5.7   5.7  4.6  4.6  -31.6  1  0.00E00 -3.78E05  2023.9  1  0.00E00 -3.78E05   0.00 13.7
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -19.2  1  0.00E00 -2.29E05  1228.6  1  0.00E00 -2.29E05   0.00  8.3
0.0  1
  261   o 100  40   5.7   9.0  4.6  4.6  -28.7  1  0.00E00 -4.19E05  1423.2  1  0.00E00 -4.19E05   0.00 15.0
0.0  1
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        v 100  40   5.7   5.7  4.6  4.6  -19.2  1  0.00E00 -2.30E05  1232.0  1  0.00E00 -2.30E05   0.00  8.3
0.0  1
  262   o 100  40   5.7  11.3  4.6  4.6  -28.4  1  0.00E00 -4.52E05  1238.6  1  0.00E00 -4.52E05   0.00 16.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -18.7  1  0.00E00 -2.24E05  1200.4  1  0.00E00 -2.24E05   0.00  8.1
0.0  1
  263   o 100  40   5.7  11.3  4.6  4.6  -30.0  1  0.00E00 -4.78E05  1309.7  1  0.00E00 -4.78E05   0.00 17.0
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -18.0  1  0.00E00 -2.15E05  1152.9  1  0.00E00 -2.15E05   0.00  7.8
0.0  1
  264   o 100  40   5.7  11.3  4.6  4.6  -31.2  1  0.00E00 -4.97E05  1362.5  1  0.00E00 -4.97E05   0.00 17.7
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -17.2  1  0.00E00 -2.06E05  1101.7  1  0.00E00 -2.06E05   0.00  7.5
0.0  1
  265   o 100  40   5.7   9.0  4.6  4.6  -35.0  1  0.00E00 -5.10E05  1734.2  1  0.00E00 -5.10E05   0.00 18.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -16.5  1  0.00E00 -1.97E05  1054.4  1  0.00E00 -1.97E05   0.00  7.1
0.0  1
  266   o 100  40   5.7   5.7  4.6  4.6  -43.3  1  0.00E00 -5.17E05  2773.1  1  0.00E00 -5.17E05   0.00 18.8
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -15.8  1  0.00E00 -1.89E05  1015.5  1  0.00E00 -1.89E05   0.00  6.9
0.0  1
  267   o 100  40   5.7   5.7  4.6  4.6  -43.5  1  0.00E00 -5.20E05  2786.0  1  0.00E00 -5.20E05   0.00 18.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -15.4  1  0.00E00 -1.84E05   987.2  1  0.00E00 -1.84E05   0.00  6.7
0.0  1
  268   o 100  40   5.7   5.7  4.6  4.6  -43.5  1  0.00E00 -5.20E05  2786.5  1  0.00E00 -5.20E05   0.00 18.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -15.4  1  0.00E00 -1.84E05   987.2  1  0.00E00 -1.84E05   0.00  6.7
0.0  1
  269   o 100  40   5.7   5.7  4.6  4.6  -43.3  1  0.00E00 -5.18E05  2774.9  1  0.00E00 -5.18E05   0.00 18.8
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -15.9  1  0.00E00 -1.90E05  1017.4  1  0.00E00 -1.90E05   0.00  6.9
0.0  1
  270   o 100  40   5.7   5.7  4.6  4.6  -42.7  1  0.00E00 -5.11E05  2737.8  1  0.00E00 -5.11E05   0.00 18.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -16.5  1  0.00E00 -1.97E05  1058.2  1  0.00E00 -1.97E05   0.00  7.2
0.0  1
  271   o 100  40   5.7   5.7  4.6  4.6  -41.7  1  0.00E00 -4.98E05  2669.6  1  0.00E00 -4.98E05   0.00 18.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -17.3  1  0.00E00 -2.07E05  1107.6  1  0.00E00 -2.07E05   0.00  7.5
0.0  1
  272   o 100  40   5.7   5.7  4.6  4.6  -40.1  1  0.00E00 -4.79E05  2568.0  1  0.00E00 -4.79E05   0.00 17.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -18.1  1  0.00E00 -2.17E05  1161.1  1  0.00E00 -2.17E05   0.00  7.9
0.0  1
  273   o 100  40   5.7   5.7  4.6  4.6  -37.9  1  0.00E00 -4.53E05  2430.3  1  0.00E00 -4.53E05   0.00 16.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -18.9  1  0.00E00 -2.26E05  1211.1  1  0.00E00 -2.26E05   0.00  8.2
0.0  1
  274   o 100  40   5.7   5.7  4.6  4.6  -35.2  1  0.00E00 -4.20E05  2253.2  1  0.00E00 -4.20E05   0.00 15.2
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -19.4  1  0.00E00 -2.32E05  1245.4  1  0.00E00 -2.32E05   0.00  8.4
0.0  1
  275   o 100  40   5.7   5.7  4.6  4.6  -31.7  1  0.00E00 -3.79E05  2034.0  1  0.00E00 -3.79E05   0.00 13.8
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -19.4  1  0.00E00 -2.32E05  1244.8  1  0.00E00 -2.32E05   0.00  8.4
0.0  1
  276   o 100  40   5.7   5.7  4.6  4.6  -27.6  1  0.00E00 -3.30E05  1771.5  1  0.00E00 -3.30E05   0.00 12.0
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -18.4  1  0.00E00 -2.20E05  1181.9  1  0.00E00 -2.20E05   0.00  8.0
0.0  1
  277   o 100  40   5.7   5.7  4.6  4.6  -22.9  1  0.00E00 -2.74E05  1467.2  1  0.00E00 -2.74E05   0.00  9.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -15.9  1  0.00E00 -1.90E05  1019.6  1  0.00E00 -1.90E05   0.00  6.9
0.0  1
  278   o 100  40   5.7   5.7  4.6  4.6  -17.6  1  0.00E00 -2.10E05  1125.8  1  0.00E00 -2.10E05   0.00  7.6
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -11.1  1  0.00E00 -1.33E05   712.0  1  0.00E00 -1.33E05   0.00  4.8
0.0  1
  279   o 100  40   5.7   5.7  4.6  4.6  -11.8  1  0.00E00 -1.42E05   758.9  1  0.00E00 -1.42E05   0.00  5.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -3.4  1  0.00E00 -4.03E04   216.2  1  0.00E00 -4.03E04   0.00  1.5
0.0  1
  280   o 100  40   5.7   5.7  4.6  4.6   -5.4  1  0.00E00 -6.46E04   346.4  1  0.00E00 -6.46E04   0.00  2.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -13.3  1  0.00E00  1.59E05   854.2  1  0.00E00  1.59E05   0.00  5.8
0.0  1
  281   o  50  40   3.4   3.4  4.6  4.6   -1.4  1  0.00E00 -9.23E03    83.0  1  0.00E00 -9.23E03   0.00  0.7
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -1.1  1  0.00E00 -1.26E04    67.5  1  0.00E00 -1.26E04   0.00  0.5
0.0  1
  282   o  50  40   3.4   3.4  4.6  4.6   -2.0  1  0.00E00 -1.29E04   116.0  1  0.00E00 -1.29E04   0.00  0.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -1.6  1  0.00E00 -1.86E04    99.8  1  0.00E00 -1.86E04   0.00  0.7
0.0  1
  283   o 100  40   5.7   5.7  4.6  4.6   -8.1  1  0.00E00 -9.64E04   516.6  1  0.00E00 -9.64E04   0.00  3.5
0.0  1
```

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        v 100  40   5.7   5.7  4.6  4.6  -17.0  1  0.00E00  2.04E05  1092.2  1  0.00E00  2.04E05   0.00  7.4
0.0  1
  284   o 100  40   5.3   5.3  4.6  4.6  -16.3  1  0.00E00 -1.90E05  1077.7  1  0.00E00 -1.90E05   0.00  6.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -5.8  1  0.00E00 -6.92E04   371.2  1  0.00E00 -6.92E04   0.00  2.5
0.0  1
  285   o 100  40   5.7   5.7  4.6  4.6  -21.5  1  0.00E00 -2.57E05  1377.9  1  0.00E00 -2.57E05   0.00  9.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -14.5  1  0.00E00 -1.73E05   926.1  1  0.00E00 -1.73E05   0.00  6.3
0.0  1
  286   o 100  40   5.7   5.7  4.6  4.6  -26.6  1  0.00E00 -3.18E05  1702.7  1  0.00E00 -3.18E05   0.00 11.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -19.0  1  0.00E00 -2.27E05  1215.7  1  0.00E00 -2.27E05   0.00  8.2
0.0  1
  287   o 100  40   5.7   5.7  4.6  4.6  -30.8  1  0.00E00 -3.69E05  1976.7  1  0.00E00 -3.69E05   0.00 13.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -21.1  1  0.00E00 -2.52E05  1352.5  1  0.00E00 -2.52E05   0.00  9.2
0.0  1
  288   o 100  40   5.7   5.7  4.6  4.6  -34.3  1  0.00E00 -4.10E05  2200.2  1  0.00E00 -4.10E05   0.00 14.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -21.6  1  0.00E00 -2.59E05  1386.9  1  0.00E00 -2.59E05   0.00  9.4
0.0  1
  289   o 100  40   5.7   9.0  4.6  4.6  -30.4  1  0.00E00 -4.43E05  1507.4  1  0.00E00 -4.43E05   0.00 15.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -21.2  1  0.00E00 -2.53E05  1358.9  1  0.00E00 -2.53E05   0.00  9.2
0.0  1
  290   o 100  40   5.7  11.3  4.6  4.6  -29.4  1  0.00E00 -4.68E05  1284.1  1  0.00E00 -4.68E05   0.00 16.7
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -20.3  1  0.00E00 -2.42E05  1297.8  1  0.00E00 -2.42E05   0.00  8.8
0.0  1
  291   o 100  40   5.7  11.3  4.6  4.6  -30.5  1  0.00E00 -4.87E05  1333.9  1  0.00E00 -4.87E05   0.00 17.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -19.1  1  0.00E00 -2.28E05  1223.0  1  0.00E00 -2.28E05   0.00  8.3
0.0  1
  292   o 100  40   5.7  11.3  4.6  4.6  -31.3  1  0.00E00 -4.99E05  1367.2  1  0.00E00 -4.99E05   0.00 17.8
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -17.9  1  0.00E00 -2.14E05  1146.7  1  0.00E00 -2.14E05   0.00  7.8
0.0  1
  293   o 100  40   5.7   9.0  4.6  4.6  -34.7  1  0.00E00 -5.05E05  1718.2  1  0.00E00 -5.05E05   0.00 18.2
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -16.8  1  0.00E00 -2.01E05  1075.9  1  0.00E00 -2.01E05   0.00  7.3
0.0  1
  294   o 100  40   5.7   5.7  4.6  4.6  -42.4  1  0.00E00 -5.07E05  2716.9  1  0.00E00 -5.07E05   0.00 18.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -15.8  1  0.00E00 -1.89E05  1014.6  1  0.00E00 -1.89E05   0.00  6.9
0.0  1
  295   o 100  40   5.7   5.7  4.6  4.6  -42.2  1  0.00E00 -5.05E05  2705.1  1  0.00E00 -5.05E05   0.00 18.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -15.0  1  0.00E00 -1.80E05   964.2  1  0.00E00 -1.80E05   0.00  6.5
0.0  1
  296   o 100  40   5.7   5.7  4.6  4.6  -42.2  1  0.00E00 -5.05E05  2704.8  1  0.00E00 -5.05E05   0.00 18.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -15.0  1  0.00E00 -1.80E05   963.0  1  0.00E00 -1.80E05   0.00  6.5
0.0  1
  297   o 100  40   5.7   5.7  4.6  4.6  -42.4  1  0.00E00 -5.07E05  2717.2  1  0.00E00 -5.07E05   0.00 18.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -15.8  1  0.00E00 -1.89E05  1015.2  1  0.00E00 -1.89E05   0.00  6.9
0.0  1
  298   o 100  40   5.7   5.7  4.6  4.6  -42.3  1  0.00E00 -5.06E05  2711.1  1  0.00E00 -5.06E05   0.00 18.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -16.8  1  0.00E00 -2.01E05  1078.5  1  0.00E00 -2.01E05   0.00  7.3
0.0  1
  299   o 100  40   5.7   5.7  4.6  4.6  -41.8  1  0.00E00 -4.99E05  2677.4  1  0.00E00 -4.99E05   0.00 18.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -18.0  1  0.00E00 -2.15E05  1151.5  1  0.00E00 -2.15E05   0.00  7.8
0.0  1
  300   o 100  40   5.7   5.7  4.6  4.6  -40.8  1  0.00E00 -4.88E05  2614.2  1  0.00E00 -4.88E05   0.00 17.7
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -19.2  1  0.00E00 -2.29E05  1230.3  1  0.00E00 -2.29E05   0.00  8.3
0.0  1
  301   o 100  40   5.7   5.7  4.6  4.6  -39.3  1  0.00E00 -4.70E05  2518.3  1  0.00E00 -4.70E05   0.00 17.0
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -20.4  1  0.00E00 -2.44E05  1307.8  1  0.00E00 -2.44E05   0.00  8.8
0.0  1
  302   o 100  40   5.7   5.7  4.6  4.6  -37.2  1  0.00E00 -4.45E05  2385.4  1  0.00E00 -4.45E05   0.00 16.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -21.4  1  0.00E00 -2.56E05  1371.8  1  0.00E00 -2.56E05   0.00  9.3
0.0  1
  303   o 100  40   5.7   5.7  4.6  4.6  -34.5  1  0.00E00 -4.12E05  2210.2  1  0.00E00 -4.12E05   0.00 15.0
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -21.9  1  0.00E00 -2.62E05  1402.8  1  0.00E00 -2.62E05   0.00  9.5
0.0  1
  304   o 100  40   5.7   5.7  4.6  4.6  -31.0  1  0.00E00 -3.71E05  1987.3  1  0.00E00 -3.71E05   0.00 13.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -21.4  1  0.00E00 -2.56E05  1371.7  1  0.00E00 -2.56E05   0.00  9.3
0.0  1
  305   o 100  40   5.7   5.7  4.6  4.6  -26.7  1  0.00E00 -3.20E05  1713.6  1  0.00E00 -3.20E05   0.00 11.6
0.0  1
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        v 100  40   5.7   5.7  4.6  4.6  -19.3  1  0.00E00 -2.31E05  1238.2  1  0.00E00 -2.31E05   0.00  8.4
0.0  1
  306   o 100  40   5.7   5.7  4.6  4.6  -21.7  1  0.00E00 -2.59E05  1388.5  1  0.00E00 -2.59E05   0.00  9.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -14.8  1  0.00E00 -1.77E05   951.3  1  0.00E00 -1.77E05   0.00  6.4
0.0  1
  307   o 100  40   5.7   5.7  4.6  4.6  -16.0  1  0.00E00 -1.92E05  1027.0  1  0.00E00 -1.92E05   0.00  6.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -7.3  1  0.00E00 -8.74E04   468.3  1  0.00E00 -8.74E04   0.00  3.2
0.0  1
  308   o 100  40   5.7   5.7  4.6  4.6   -8.1  1  0.00E00 -9.67E04   518.6  1  0.00E00 -9.67E04   0.00  3.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -16.7  1  0.00E00  2.00E05  1071.1  1  0.00E00  2.00E05   0.00  7.2
0.0  1
  309   o  50  40   3.4   3.4  4.6  4.6   -2.3  1  0.00E00 -1.50E04   134.6  1  0.00E00 -1.50E04   0.00  1.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -1.6  1  0.00E00 -1.90E04   101.8  1  0.00E00 -1.90E04   0.00  0.7
0.0  1
  310   o  50  40   3.4   3.4  4.6  4.6   -9.0  1  0.00E00 -5.85E04   525.5  1  0.00E00 -5.85E04   0.00  4.2
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -2.2  1  0.00E00 -2.64E04   141.3  1  0.00E00 -2.64E04   0.00  1.0
0.0  1
  311   o 100  40   5.7   5.7  4.6  4.6  -12.4  1  0.00E00 -1.49E05   797.3  1  0.00E00 -1.49E05   0.00  5.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -20.0  1  0.00E00  2.39E05  1278.6  1  0.00E00  2.39E05   0.00  8.7
0.0  1
  312   o 100  40   5.3   5.3  4.6  4.6  -20.3  1  0.00E00 -2.36E05  1341.5  1  0.00E00 -2.36E05   0.00  8.6
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -11.5  1  0.00E00 -1.38E05   738.1  1  0.00E00 -1.38E05   0.00  5.0
0.0  1
  313   o 100  40   5.7   5.7  4.6  4.6  -25.2  1  0.00E00 -3.01E05  1612.5  1  0.00E00 -3.01E05   0.00 10.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -18.6  1  0.00E00 -2.23E05  1193.2  1  0.00E00 -2.23E05   0.00  8.1
0.0  1
  314   o 100  40   5.7   5.7  4.6  4.6  -29.8  1  0.00E00 -3.56E05  1908.3  1  0.00E00 -3.56E05   0.00 12.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -22.5  1  0.00E00 -2.69E05  1442.5  1  0.00E00 -2.69E05   0.00  9.8
0.0  1
  315   o 100  40   5.7   5.7  4.6  4.6  -33.4  1  0.00E00 -3.99E05  2137.5  1  0.00E00 -3.99E05   0.00 14.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -23.9  1  0.00E00 -2.86E05  1533.8  1  0.00E00 -2.86E05   0.00 10.4
0.0  1
  316   o 100  40   5.7   5.7  4.6  4.6  -36.0  1  0.00E00 -4.31E05  2308.1  1  0.00E00 -4.31E05   0.00 15.6
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -23.8  1  0.00E00 -2.84E05  1525.1  1  0.00E00 -2.84E05   0.00 10.3
0.0  1
  317   o 100  40   5.7   9.0  4.6  4.6  -31.1  1  0.00E00 -4.53E05  1540.9  1  0.00E00 -4.53E05   0.00 16.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -22.8  1  0.00E00 -2.72E05  1459.0  1  0.00E00 -2.72E05   0.00  9.9
0.0  1
  318   o 100  40   5.7  11.3  4.6  4.6  -29.4  1  0.00E00 -4.68E05  1284.4  1  0.00E00 -4.68E05   0.00 16.7
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -21.3  1  0.00E00 -2.55E05  1364.9  1  0.00E00 -2.55E05   0.00  9.2
0.0  1
  319   o 100  40   5.7  11.3  4.6  4.6  -30.0  1  0.00E00 -4.78E05  1310.0  1  0.00E00 -4.78E05   0.00 17.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -19.7  1  0.00E00 -2.35E05  1261.3  1  0.00E00 -2.35E05   0.00  8.5
0.0  1
  320   o 100  40   5.7  11.3  4.6  4.6  -30.3  1  0.00E00 -4.82E05  1321.9  1  0.00E00 -4.82E05   0.00 17.2
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -18.1  1  0.00E00 -2.16E05  1159.1  1  0.00E00 -2.16E05   0.00  7.8
0.0  1
  321   o 100  40   5.7   9.0  4.6  4.6  -33.1  1  0.00E00 -4.82E05  1639.1  1  0.00E00 -4.82E05   0.00 17.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -16.6  1  0.00E00 -1.99E05  1064.3  1  0.00E00 -1.99E05   0.00  7.2
0.0  1
  322   o 100  40   5.7   5.7  4.6  4.6  -40.0  1  0.00E00 -4.78E05  2560.8  1  0.00E00 -4.78E05   0.00 17.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -15.3  1  0.00E00 -1.83E05   979.7  1  0.00E00 -1.83E05   0.00  6.6
0.0  1
  323   o 100  40   5.7   5.7  4.6  4.6  -39.4  1  0.00E00 -4.71E05  2525.0  1  0.00E00 -4.71E05   0.00 17.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -14.1  1  0.00E00 -1.69E05   906.0  1  0.00E00 -1.69E05   0.00  6.1
0.0  1
  324   o 100  40   5.7   5.7  4.6  4.6  -39.4  1  0.00E00 -4.71E05  2523.9  1  0.00E00 -4.71E05   0.00 17.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -14.1  1  0.00E00 -1.68E05   903.2  1  0.00E00 -1.68E05   0.00  6.1
0.0  1
  325   o 100  40   5.7   5.7  4.6  4.6  -39.9  1  0.00E00 -4.77E05  2559.5  1  0.00E00 -4.77E05   0.00 17.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -15.3  1  0.00E00 -1.83E05   978.7  1  0.00E00 -1.83E05   0.00  6.6
0.0  1
  326   o 100  40   5.7   5.7  4.6  4.6  -40.3  1  0.00E00 -4.82E05  2584.8  1  0.00E00 -4.82E05   0.00 17.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -16.6  1  0.00E00 -1.99E05  1065.3  1  0.00E00 -1.99E05   0.00  7.2
0.0  1
  327   o 100  40   5.7   5.7  4.6  4.6  -40.4  1  0.00E00 -4.83E05  2587.3  1  0.00E00 -4.83E05   0.00 17.5
0.0  1
```

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        v 100  40   5.7   5.7  4.6  4.6  -18.1  1  0.00E00 -2.17E05  1162.3  1  0.00E00 -2.17E05   0.00  7.9
0.0  1
  328   o 100  40   5.7   5.7  4.6  4.6  -40.0  1  0.00E00 -4.79E05  2566.0  1  0.00E00 -4.79E05   0.00 17.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -19.8  1  0.00E00 -2.36E05  1267.1  1  0.00E00 -2.36E05   0.00  8.6
0.0  1
  329   o 100  40   5.7   5.7  4.6  4.6  -39.3  1  0.00E00 -4.70E05  2517.7  1  0.00E00 -4.70E05   0.00 17.0
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -21.4  1  0.00E00 -2.56E05  1373.5  1  0.00E00 -2.56E05   0.00  9.3
0.0  1
  330   o 100  40   5.7   5.7  4.6  4.6  -38.0  1  0.00E00 -4.55E05  2437.5  1  0.00E00 -4.55E05   0.00 16.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -22.9  1  0.00E00 -2.74E05  1470.8  1  0.00E00 -2.74E05   0.00 10.0
0.0  1
  331   o 100  40   5.7   5.7  4.6  4.6  -36.2  1  0.00E00 -4.32E05  2317.6  1  0.00E00 -4.32E05   0.00 15.7
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -24.0  1  0.00E00 -2.87E05  1540.2  1  0.00E00 -2.87E05   0.00 10.4
0.0  1
  332   o 100  40   5.7   5.7  4.6  4.6  -33.5  1  0.00E00 -4.01E05  2148.2  1  0.00E00 -4.01E05   0.00 14.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -24.2  1  0.00E00 -2.90E05  1552.6  1  0.00E00 -2.90E05   0.00 10.5
0.0  1
  333   o 100  40   5.7   5.7  4.6  4.6  -30.0  1  0.00E00 -3.58E05  1919.8  1  0.00E00 -3.58E05   0.00 13.0
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -22.9  1  0.00E00 -2.73E05  1464.9  1  0.00E00 -2.73E05   0.00  9.9
0.0  1
  334   o 100  40   5.7   5.7  4.6  4.6  -25.3  1  0.00E00 -3.03E05  1624.4  1  0.00E00 -3.03E05   0.00 11.0
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -19.0  1  0.00E00 -2.27E05  1218.3  1  0.00E00 -2.27E05   0.00  8.2
0.0  1
  335   o 100  40   5.7   5.7  4.6  4.6  -19.9  1  0.00E00 -2.38E05  1278.3  1  0.00E00 -2.38E05   0.00  8.6
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -12.0  1  0.00E00 -1.43E05   767.0  1  0.00E00 -1.43E05   0.00  5.2
0.0  1
  336   o 100  40   5.7   5.7  4.6  4.6  -12.6  1  0.00E00 -1.51E05   807.1  1  0.00E00 -1.51E05   0.00  5.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -19.7  1  0.00E00  2.36E05  1264.4  1  0.00E00  2.36E05   0.00  8.6
0.0  1
  337   o  50  40   3.4   3.4  4.6  4.6   -9.2  1  0.00E00 -6.01E04   539.9  1  0.00E00 -6.01E04   0.00  4.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -2.3  1  0.00E00 -2.69E04   144.4  1  0.00E00 -2.69E04   0.00  1.0
0.0  1
  338   o  50  40   3.4   3.4  4.6  4.6  -14.1  1  0.00E00 -9.20E04   826.9  1  0.00E00 -9.20E04   0.00  6.6
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -2.7  1  0.00E00 -3.23E04   173.4  1  0.00E00 -3.23E04   0.00  1.2
0.0  1
  339   o 100  40   5.7   5.7  4.6  4.6  -18.2  1  0.00E00 -2.18E05  1168.0  1  0.00E00 -2.18E05   0.00  7.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -21.6  1  0.00E00  2.59E05  1387.3  1  0.00E00  2.59E05   0.00  9.4
0.0  1
  340   o 100  40   5.3   5.3  4.6  4.6  -23.9  1  0.00E00 -2.78E05  1580.8  1  0.00E00 -2.78E05   0.00 10.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -16.2  1  0.00E00 -1.94E05  1037.8  1  0.00E00 -1.94E05   0.00  7.0
0.0  1
  341   o 100  40   5.7   5.7  4.6  4.6  -28.2  1  0.00E00 -3.37E05  1808.4  1  0.00E00 -3.37E05   0.00 12.2
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -22.4  1  0.00E00 -2.67E05  1432.8  1  0.00E00 -2.67E05   0.00  9.7
0.0  1
  342   o 100  40   5.7   5.7  4.6  4.6  -32.1  1  0.00E00 -3.83E05  2055.2  1  0.00E00 -3.83E05   0.00 13.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -25.3  1  0.00E00 -3.02E05  1619.7  1  0.00E00 -3.02E05   0.00 11.0
0.0  1
  343   o 100  40   5.7   5.7  4.6  4.6  -34.6  1  0.00E00 -4.14E05  2219.7  1  0.00E00 -4.14E05   0.00 15.0
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -25.8  1  0.00E00 -3.08E05  1651.4  1  0.00E00 -3.08E05   0.00 11.2
0.0  1
  344   o 100  40   5.7   5.7  4.6  4.6  -36.2  1  0.00E00 -4.33E05  2321.4  1  0.00E00 -4.33E05   0.00 15.7
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -24.9  1  0.00E00 -2.97E05  1594.4  1  0.00E00 -2.97E05   0.00 10.8
0.0  1
  345   o 100  40   5.7   9.0  4.6  4.6  -30.4  1  0.00E00 -4.43E05  1507.9  1  0.00E00 -4.43E05   0.00 15.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -23.3  1  0.00E00 -2.78E05  1491.2  1  0.00E00 -2.78E05   0.00 10.1
0.0  1
  346   o 100  40   5.7  11.3  4.6  4.6  -28.1  1  0.00E00 -4.48E05  1227.8  1  0.00E00 -4.48E05   0.00 16.0
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -21.4  1  0.00E00 -2.55E05  1368.6  1  0.00E00 -2.55E05   0.00  9.3
0.0  1
  347   o 100  40   5.7  11.3  4.6  4.6  -28.1  1  0.00E00 -4.48E05  1227.6  1  0.00E00 -4.48E05   0.00 16.0
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -19.4  1  0.00E00 -2.32E05  1241.8  1  0.00E00 -2.32E05   0.00  8.4
0.0  1
  348   o 100  40   5.7  11.3  4.6  4.6  -27.9  1  0.00E00 -4.44E05  1217.7  1  0.00E00 -4.44E05   0.00 15.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -17.5  1  0.00E00 -2.09E05  1119.5  1  0.00E00 -2.09E05   0.00  7.6
0.0  1
  349   o 100  40   5.7   9.0  4.6  4.6  -30.0  1  0.00E00 -4.37E05  1487.2  1  0.00E00 -4.37E05   0.00 15.7
0.0  1
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        v 100  40   5.7   5.7  4.6  4.6  -15.7  1  0.00E00 -1.88E05  1006.0  1  0.00E00 -1.88E05   0.00  6.8
0.0  1
  350   o 100  40   5.7   5.7  4.6  4.6  -35.8  1  0.00E00 -4.27E05  2291.6  1  0.00E00 -4.27E05   0.00 15.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -14.1  1  0.00E00 -1.68E05   902.7  1  0.00E00 -1.68E05   0.00  6.1
0.0  1
  351   o 100  40   5.7   5.7  4.6  4.6  -34.9  1  0.00E00 -4.17E05  2233.9  1  0.00E00 -4.17E05   0.00 15.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -12.6  1  0.00E00 -1.51E05   809.7  1  0.00E00 -1.51E05   0.00  5.5
0.0  1
  352   o 100  40   5.7   5.7  4.6  4.6  -34.8  1  0.00E00 -4.16E05  2232.1  1  0.00E00 -4.16E05   0.00 15.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -12.6  1  0.00E00 -1.50E05   805.5  1  0.00E00 -1.50E05   0.00  5.5
0.0  1
  353   o 100  40   5.7   5.7  4.6  4.6  -35.7  1  0.00E00 -4.27E05  2288.8  1  0.00E00 -4.27E05   0.00 15.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -14.0  1  0.00E00 -1.68E05   900.2  1  0.00E00 -1.68E05   0.00  6.1
0.0  1
  354   o 100  40   5.7   5.7  4.6  4.6  -36.6  1  0.00E00 -4.37E05  2343.6  1  0.00E00 -4.37E05   0.00 15.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -15.7  1  0.00E00 -1.88E05  1005.3  1  0.00E00 -1.88E05   0.00  6.8
0.0  1
  355   o 100  40   5.7   5.7  4.6  4.6  -37.2  1  0.00E00 -4.44E05  2381.9  1  0.00E00 -4.44E05   0.00 16.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -17.5  1  0.00E00 -2.09E05  1121.0  1  0.00E00 -2.09E05   0.00  7.6
0.0  1
  356   o 100  40   5.7   5.7  4.6  4.6  -37.5  1  0.00E00 -4.48E05  2403.2  1  0.00E00 -4.48E05   0.00 16.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -19.4  1  0.00E00 -2.32E05  1245.8  1  0.00E00 -2.32E05   0.00  8.4
0.0  1
  357   o 100  40   5.7   5.7  4.6  4.6  -37.5  1  0.00E00 -4.49E05  2405.6  1  0.00E00 -4.49E05   0.00 16.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -21.5  1  0.00E00 -2.57E05  1375.5  1  0.00E00 -2.57E05   0.00  9.3
0.0  1
  358   o 100  40   5.7   5.7  4.6  4.6  -37.2  1  0.00E00 -4.45E05  2384.1  1  0.00E00 -4.45E05   0.00 16.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -23.4  1  0.00E00 -2.80E05  1501.4  1  0.00E00 -2.80E05   0.00 10.2
0.0  1
  359   o 100  40   5.7   5.7  4.6  4.6  -36.4  1  0.00E00 -4.35E05  2330.2  1  0.00E00 -4.35E05   0.00 15.8
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -25.1  1  0.00E00 -3.00E05  1608.1  1  0.00E00 -3.00E05   0.00 10.9
0.0  1
  360   o 100  40   5.7   5.7  4.6  4.6  -34.8  1  0.00E00 -4.16E05  2230.1  1  0.00E00 -4.16E05   0.00 15.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -26.0  1  0.00E00 -3.11E05  1669.0  1  0.00E00 -3.11E05   0.00 11.3
0.0  1
  361   o 100  40   5.7   5.7  4.6  4.6  -32.3  1  0.00E00 -3.86E05  2067.0  1  0.00E00 -3.86E05   0.00 14.0
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -25.6  1  0.00E00 -3.06E05  1641.3  1  0.00E00 -3.06E05   0.00 11.1
0.0  1
  362   o 100  40   5.7   5.7  4.6  4.6  -28.4  1  0.00E00 -3.40E05  1821.4  1  0.00E00 -3.40E05   0.00 12.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -22.8  1  0.00E00 -2.72E05  1458.2  1  0.00E00 -2.72E05   0.00  9.9
0.0  1
  363   o 100  40   5.7   5.7  4.6  4.6  -23.5  1  0.00E00 -2.81E05  1506.2  1  0.00E00 -2.81E05   0.00 10.2
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -16.6  1  0.00E00 -1.99E05  1065.4  1  0.00E00 -1.99E05   0.00  7.2
0.0  1
  364   o 100  40   5.7   5.7  4.6  4.6  -18.4  1  0.00E00 -2.21E05  1182.4  1  0.00E00 -2.21E05   0.00  8.0
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -21.6  1  0.00E00  2.58E05  1381.6  1  0.00E00  2.58E05   0.00  9.3
0.0  1
  365   o  50  40   3.4   3.4  4.6  4.6  -14.5  1  0.00E00 -9.43E04   847.7  1  0.00E00 -9.43E04   0.00  6.8
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -2.8  1  0.00E00 -3.31E04   177.6  1  0.00E00 -3.31E04   0.00  1.2
0.0  1
  366   o  50  40   3.4   3.4  4.6  4.6  -17.4  1  0.00E00 -1.13E05  1019.0  1  0.00E00 -1.13E05   0.00  8.2
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -2.9  1  0.00E00 -3.51E04   188.2  1  0.00E00 -3.51E04   0.00  1.3
0.0  1
  367   o 100  40   5.7   5.7  4.6  4.6  -21.6  1  0.00E00 -2.59E05  1386.8  1  0.00E00 -2.59E05   0.00  9.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -21.4  1  0.00E00  2.55E05  1369.3  1  0.00E00  2.55E05   0.00  9.3
0.0  1
  368   o 100  40   5.3   5.3  4.6  4.6  -27.0  1  0.00E00 -3.14E05  1781.7  1  0.00E00 -3.14E05   0.00 11.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -20.7  1  0.00E00 -2.47E05  1324.5  1  0.00E00 -2.47E05   0.00  9.0
0.0  1
  369   o 100  40   5.7   5.7  4.6  4.6  -30.3  1  0.00E00 -3.62E05  1942.0  1  0.00E00 -3.62E05   0.00 13.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -25.3  1  0.00E00 -3.02E05  1621.5  1  0.00E00 -3.02E05   0.00 11.0
0.0  1
  370   o 100  40   5.7   5.7  4.6  4.6  -32.9  1  0.00E00 -3.93E05  2109.0  1  0.00E00 -3.93E05   0.00 14.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -26.9  1  0.00E00 -3.21E05  1721.5  1  0.00E00 -3.21E05   0.00 11.6
0.0  1
  371   o 100  40   5.7   5.7  4.6  4.6  -34.1  1  0.00E00 -4.07E05  2184.1  1  0.00E00 -4.07E05   0.00 14.8
0.0  1
```

	v	100	40	5.7	5.7	4.6	4.6	-26.3	1	0.00E00	-3.14E05	1685.2	1	0.00E00	-3.14E05	0.00	11.4	0.0 1
372	o	100	40	5.7	5.7	4.6	4.6	-34.4	1	0.00E00	-4.11E05	2202.2	1	0.00E00	-4.11E05	0.00	14.9	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-24.7	1	0.00E00	-2.95E05	1581.9	1	0.00E00	-2.95E05	0.00	10.7	0.0 1
373	o	100	40	5.7	5.7	4.6	4.6	-34.1	1	0.00E00	-4.08E05	2185.7	1	0.00E00	-4.08E05	0.00	14.8	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-22.6	1	0.00E00	-2.70E05	1448.3	1	0.00E00	-2.70E05	0.00	9.8	0.0 1
374	o	100	40	5.7	5.7	4.6	4.6	-33.5	1	0.00E00	-4.01E05	2149.0	1	0.00E00	-4.01E05	0.00	14.5	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-20.4	1	0.00E00	-2.43E05	1305.0	1	0.00E00	-2.43E05	0.00	8.8	0.0 1
375	o	100	40	5.7	5.7	4.6	4.6	-32.8	1	0.00E00	-3.92E05	2099.4	1	0.00E00	-3.92E05	0.00	14.2	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-18.1	1	0.00E00	-2.17E05	1163.0	1	0.00E00	-2.17E05	0.00	7.9	0.0 1
376	o	100	40	5.7	5.7	4.6	4.6	-31.8	1	0.00E00	-3.81E05	2039.9	1	0.00E00	-3.81E05	0.00	13.8	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-16.0	1	0.00E00	-1.92E05	1027.7	1	0.00E00	-1.92E05	0.00	7.0	0.0 1
377	o	100	40	5.7	5.7	4.6	4.6	-30.8	1	0.00E00	-3.68E05	1971.1	1	0.00E00	-3.68E05	0.00	13.3	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-14.1	1	0.00E00	-1.68E05	901.6	1	0.00E00	-1.68E05	0.00	6.1	0.0 1
378	o	100	40	5.7	5.7	4.6	4.6	-29.5	1	0.00E00	-3.53E05	1891.9	1	0.00E00	-3.53E05	0.00	12.8	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-12.3	1	0.00E00	-1.46E05	785.1	1	0.00E00	-1.46E05	0.00	5.3	0.0 1
379	o	100	40	5.7	5.7	4.6	4.6	-28.3	1	0.00E00	-3.39E05	1815.4	1	0.00E00	-3.39E05	0.00	12.3	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-10.6	1	0.00E00	-1.26E05	677.3	1	0.00E00	-1.26E05	0.00	4.6	0.0 1
380	o	100	40	5.7	5.7	4.6	4.6	-28.3	1	0.00E00	-3.38E05	1813.0	1	0.00E00	-3.38E05	0.00	12.3	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-10.5	1	0.00E00	-1.25E05	671.9	1	0.00E00	-1.25E05	0.00	4.5	0.0 1
381	o	100	40	5.7	5.7	4.6	4.6	-29.5	1	0.00E00	-3.52E05	1887.6	1	0.00E00	-3.52E05	0.00	12.8	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-12.2	1	0.00E00	-1.46E05	781.2	1	0.00E00	-1.46E05	0.00	5.3	0.0 1
382	o	100	40	5.7	5.7	4.6	4.6	-30.7	1	0.00E00	-3.67E05	1968.4	1	0.00E00	-3.67E05	0.00	13.3	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-14.0	1	0.00E00	-1.68E05	899.4	1	0.00E00	-1.68E05	0.00	6.1	0.0 1
383	o	100	40	5.7	5.7	4.6	4.6	-31.8	1	0.00E00	-3.80E05	2039.0	1	0.00E00	-3.80E05	0.00	13.8	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-16.0	1	0.00E00	-1.92E05	1027.5	1	0.00E00	-1.92E05	0.00	7.0	0.0 1
384	o	100	40	5.7	5.7	4.6	4.6	-32.8	1	0.00E00	-3.92E05	2100.4	1	0.00E00	-3.92E05	0.00	14.2	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-18.2	1	0.00E00	-2.17E05	1165.2	1	0.00E00	-2.17E05	0.00	7.9	0.0 1
385	o	100	40	5.7	5.7	4.6	4.6	-33.6	1	0.00E00	-4.01E05	2152.0	1	0.00E00	-4.01E05	0.00	14.6	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-20.4	1	0.00E00	-2.44E05	1310.0	1	0.00E00	-2.44E05	0.00	8.9	0.0 1
386	o	100	40	5.7	5.7	4.6	4.6	-34.2	1	0.00E00	-4.09E05	2190.9	1	0.00E00	-4.09E05	0.00	14.8	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-22.7	1	0.00E00	-2.72E05	1456.4	1	0.00E00	-2.72E05	0.00	9.9	0.0 1
387	o	100	40	5.7	5.7	4.6	4.6	-34.5	1	0.00E00	-4.12E05	2209.6	1	0.00E00	-4.12E05	0.00	15.0	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-24.9	1	0.00E00	-2.97E05	1593.6	1	0.00E00	-2.97E05	0.00	10.8	0.0 1
388	o	100	40	5.7	5.7	4.6	4.6	-34.2	1	0.00E00	-4.09E05	2193.7	1	0.00E00	-4.09E05	0.00	14.8	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-26.5	1	0.00E00	-3.17E05	1701.0	1	0.00E00	-3.17E05	0.00	11.5	0.0 1
389	o	100	40	5.7	5.7	4.6	4.6	-33.1	1	0.00E00	-3.96E05	2120.8	1	0.00E00	-3.96E05	0.00	14.4	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-27.2	1	0.00E00	-3.25E05	1741.4	1	0.00E00	-3.25E05	0.00	11.8	0.0 1
390	o	100	40	5.7	5.7	4.6	4.6	-30.5	1	0.00E00	-3.65E05	1955.9	1	0.00E00	-3.65E05	0.00	13.2	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-25.7	1	0.00E00	-3.07E05	1645.4	1	0.00E00	-3.07E05	0.00	11.1	0.0 1
391	o	100	40	5.7	5.7	4.6	4.6	-26.5	1	0.00E00	-3.17E05	1698.0	1	0.00E00	-3.17E05	0.00	11.5	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-21.1	1	0.00E00	-2.52E05	1349.7	1	0.00E00	-2.52E05	0.00	9.1	0.0 1
392	o	100	40	5.7	5.7	4.6	4.6	-21.9	1	0.00E00	-2.62E05	1404.9	1	0.00E00	-2.62E05	0.00	9.5	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-21.4	1	0.00E00	2.56E05	1373.4	1	0.00E00	2.56E05	0.00	9.3	0.0 1
393	o	50	40	3.4	3.4	4.6	4.6	-17.8	1	0.00E00	-1.16E05	1042.2	1	0.00E00	-1.16E05	0.00	8.4	0.0 1

```
        v 100  40   5.7   5.7  4.6  4.6   -3.0  1  0.00E00 -3.61E04   193.4  1  0.00E00 -3.61E04   0.00  1.3
0.0  1
  394   o  50  40   3.4   3.4  4.6  4.6  -20.4  1  0.00E00 -1.33E05  1194.0  1  0.00E00 -1.33E05   0.00  9.6
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -2.8  1  0.00E00  3.39E04   181.6  1  0.00E00  3.39E04   0.00  1.2
0.0  1
  395   o 100  40   5.7   5.7  4.6  4.6  -24.5  1  0.00E00 -2.93E05  1569.3  1  0.00E00 -2.93E05   0.00 10.6
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -12.5  1  0.00E00  1.49E05   799.0  1  0.00E00  1.49E05   0.00  5.4
0.0  1
  396   o 100  40   5.3   5.3  4.6  4.6  -28.9  1  0.00E00 -3.36E05  1910.7  1  0.00E00 -3.36E05   0.00 12.2
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -24.4  1  0.00E00 -2.91E05  1561.7  1  0.00E00 -2.91E05   0.00 10.6
0.0  1
  397   o 100  40   5.7   5.7  4.6  4.6  -30.6  1  0.00E00 -3.66E05  1960.4  1  0.00E00 -3.66E05   0.00 13.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -26.8  1  0.00E00 -3.20E05  1714.4  1  0.00E00 -3.20E05   0.00 11.6
0.0  1
  398   o 100  40   5.7   5.7  4.6  4.6  -31.3  1  0.00E00 -3.74E05  2006.6  1  0.00E00 -3.74E05   0.00 13.6
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -26.8  1  0.00E00 -3.20E05  1715.3  1  0.00E00 -3.20E05   0.00 11.6
0.0  1
  399   o 100  40   5.7   5.7  4.6  4.6  -30.8  1  0.00E00 -3.68E05  1970.9  1  0.00E00 -3.68E05   0.00 13.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -25.2  1  0.00E00 -3.02E05  1617.7  1  0.00E00 -3.02E05   0.00 10.9
0.0  1
  400   o 100  40   5.7   5.7  4.6  4.6  -29.6  1  0.00E00 -3.54E05  1899.4  1  0.00E00 -3.54E05   0.00 12.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -23.1  1  0.00E00 -2.76E05  1480.2  1  0.00E00 -2.76E05   0.00 10.0
0.0  1
  401   o 100  40   5.7   5.7  4.6  4.6  -28.3  1  0.00E00 -3.38E05  1813.2  1  0.00E00 -3.38E05   0.00 12.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -20.7  1  0.00E00 -2.48E05  1328.6  1  0.00E00 -2.48E05   0.00  9.0
0.0  1
  402   o 100  40   5.7   5.7  4.6  4.6  -26.9  1  0.00E00 -3.21E05  1722.4  1  0.00E00 -3.21E05   0.00 11.7
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -18.3  1  0.00E00 -2.19E05  1175.5  1  0.00E00 -2.19E05   0.00  8.0
0.0  1
  403   o 100  40   5.7   5.7  4.6  4.6  -25.4  1  0.00E00 -3.04E05  1630.3  1  0.00E00 -3.04E05   0.00 11.0
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -16.0  1  0.00E00 -1.92E05  1027.1  1  0.00E00 -1.92E05   0.00  7.0
0.0  1
  404   o 100  40   5.7   5.7  4.6  4.6  -24.0  1  0.00E00 -2.87E05  1537.1  1  0.00E00 -2.87E05   0.00 10.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -13.8  1  0.00E00 -1.65E05   885.6  1  0.00E00 -1.65E05   0.00  6.0
0.0  1
  405   o 100  40   5.7   5.7  4.6  4.6  -22.5  1  0.00E00 -2.69E05  1441.4  1  0.00E00 -2.69E05   0.00  9.8
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -11.8  1  0.00E00 -1.41E05   753.2  1  0.00E00 -1.41E05   0.00  5.1
0.0  1
  406   o 100  40   5.7   5.7  4.6  4.6  -20.9  1  0.00E00 -2.50E05  1341.1  1  0.00E00 -2.50E05   0.00  9.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -9.8  1  0.00E00 -1.17E05   628.8  1  0.00E00 -1.17E05   0.00  4.3
0.0  1
  407   o 100  40   5.7   5.7  4.6  4.6  -19.5  1  0.00E00 -2.33E05  1250.1  1  0.00E00 -2.33E05   0.00  8.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -8.0  1  0.00E00 -9.53E04   511.1  1  0.00E00 -9.53E04   0.00  3.5
0.0  1
  408   o 100  40   5.7   5.7  4.6  4.6  -19.5  1  0.00E00 -2.33E05  1247.1  1  0.00E00 -2.33E05   0.00  8.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -7.9  1  0.00E00 -9.42E04   505.0  1  0.00E00 -9.42E04   0.00  3.4
0.0  1
  409   o 100  40   5.7   5.7  4.6  4.6  -20.8  1  0.00E00 -2.49E05  1335.6  1  0.00E00 -2.49E05   0.00  9.0
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -9.7  1  0.00E00 -1.16E05   623.8  1  0.00E00 -1.16E05   0.00  4.2
0.0  1
  410   o 100  40   5.7   5.7  4.6  4.6  -22.4  1  0.00E00 -2.68E05  1437.0  1  0.00E00 -2.68E05   0.00  9.7
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -11.7  1  0.00E00 -1.40E05   749.7  1  0.00E00 -1.40E05   0.00  5.1
0.0  1
  411   o 100  40   5.7   5.7  4.6  4.6  -23.9  1  0.00E00 -2.86E05  1534.1  1  0.00E00 -2.86E05   0.00 10.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -13.8  1  0.00E00 -1.65E05   884.4  1  0.00E00 -1.65E05   0.00  6.0
0.0  1
  412   o 100  40   5.7   5.7  4.6  4.6  -25.4  1  0.00E00 -3.04E05  1628.9  1  0.00E00 -3.04E05   0.00 11.0
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -16.0  1  0.00E00 -1.92E05  1027.4  1  0.00E00 -1.92E05   0.00  7.0
0.0  1
  413   o 100  40   5.7   5.7  4.6  4.6  -26.9  1  0.00E00 -3.21E05  1722.9  1  0.00E00 -3.21E05   0.00 11.7
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -18.4  1  0.00E00 -2.20E05  1178.4  1  0.00E00 -2.20E05   0.00  8.0
0.0  1
  414   o 100  40   5.7   5.7  4.6  4.6  -28.3  1  0.00E00 -3.39E05  1815.8  1  0.00E00 -3.39E05   0.00 12.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -20.8  1  0.00E00 -2.49E05  1334.4  1  0.00E00 -2.49E05   0.00  9.0
0.0  1
  415   o 100  40   5.7   5.7  4.6  4.6  -29.7  1  0.00E00 -3.55E05  1904.5  1  0.00E00 -3.55E05   0.00 12.9
0.0  1
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	v	100	40	5.7	5.7	4.6	4.6	-23.2	1	0.00E00	-2.78E05	1489.5	1	0.00E00	-2.78E05	0.00	10.1	0.0 1
416	o	100	40	5.7	5.7	4.6	4.6	-30.9	1	0.00E00	-3.69E05	1978.6	1	0.00E00	-3.69E05	0.00	13.4	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-25.4	1	0.00E00	-3.04E05	1630.7	1	0.00E00	-3.04E05	0.00	11.0	0.0 1
417	o	100	40	5.7	5.7	4.6	4.6	-31.5	1	0.00E00	-3.76E05	2017.5	1	0.00E00	-3.76E05	0.00	13.7	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-27.0	1	0.00E00	-3.23E05	1732.3	1	0.00E00	-3.23E05	0.00	11.7	0.0 1
418	o	100	40	5.7	5.7	4.6	4.6	-30.8	1	0.00E00	-3.68E05	1974.6	1	0.00E00	-3.68E05	0.00	13.4	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-27.1	1	0.00E00	-3.24E05	1735.0	1	0.00E00	-3.24E05	0.00	11.7	0.0 1
419	o	100	40	5.7	5.7	4.6	4.6	-28.4	1	0.00E00	-3.40E05	1821.8	1	0.00E00	-3.40E05	0.00	12.3	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-24.7	1	0.00E00	-2.95E05	1582.8	1	0.00E00	-2.95E05	0.00	10.7	0.0 1
420	o	100	40	5.7	5.7	4.6	4.6	-24.8	1	0.00E00	-2.97E05	1592.0	1	0.00E00	-2.97E05	0.00	10.8	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-12.6	1	0.00E00	1.50E05	805.2	1	0.00E00	1.50E05	0.00	5.4	0.0 1
421	o	50	40	3.4	3.4	4.6	4.6	-20.8	1	0.00E00	-1.35E05	1216.8	1	0.00E00	-1.35E05	0.00	9.8	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-2.9	1	0.00E00	3.50E04	187.4	1	0.00E00	3.50E04	0.00	1.3	0.0 1
422	o	50	40	3.4	3.4	4.6	4.6	-23.8	1	0.00E00	-1.55E05	1393.1	1	0.00E00	-1.55E05	0.00	11.2	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-2.4	1	0.00E00	-2.92E04	156.5	1	0.00E00	-2.92E04	0.00	1.1	0.0 1
423	o	100	40	5.7	5.7	4.6	4.6	-26.7	1	0.00E00	-3.19E05	1709.1	1	0.00E00	-3.19E05	0.00	11.6	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-14.9	1	0.00E00	-1.78E05	952.8	1	0.00E00	-1.78E05	0.00	6.4	0.0 1
424	o	100	40	5.3	5.3	4.6	4.6	-29.0	1	0.00E00	-3.37E05	1913.9	1	0.00E00	-3.37E05	0.00	12.2	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-26.1	1	0.00E00	-3.12E05	1673.7	1	0.00E00	-3.12E05	0.00	11.3	0.0 1
425	o	100	40	5.7	5.7	4.6	4.6	-28.0	1	0.00E00	-3.35E05	1794.0	1	0.00E00	-3.35E05	0.00	12.1	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-25.9	1	0.00E00	-3.10E05	1662.6	1	0.00E00	-3.10E05	0.00	11.2	0.0 1
426	o	100	40	5.7	5.7	4.6	4.6	-26.0	1	0.00E00	-3.11E05	1666.5	1	0.00E00	-3.11E05	0.00	11.3	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-24.7	1	0.00E00	-2.95E05	1580.7	1	0.00E00	-2.95E05	0.00	10.7	0.0 1
427	o	100	40	5.7	5.7	4.6	4.6	-23.6	1	0.00E00	-2.82E05	1510.6	1	0.00E00	-2.82E05	0.00	10.2	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-22.6	1	0.00E00	-2.70E05	1446.0	1	0.00E00	-2.70E05	0.00	9.8	0.0 1
428	o	100	40	5.7	5.7	4.6	4.6	-21.1	1	0.00E00	-2.53E05	1355.3	1	0.00E00	-2.53E05	0.00	9.2	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-20.2	1	0.00E00	-2.41E05	1294.0	1	0.00E00	-2.41E05	0.00	8.8	0.0 1
429	o	100	40	5.7	5.7	4.6	4.6	-19.0	1	0.00E00	-2.27E05	1216.2	1	0.00E00	-2.27E05	0.00	8.2	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-17.8	1	0.00E00	-2.13E05	1139.3	1	0.00E00	-2.13E05	0.00	7.7	0.0 1
430	o	100	40	5.7	5.7	4.6	4.6	-17.0	1	0.00E00	-2.03E05	1087.1	1	0.00E00	-2.03E05	0.00	7.4	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-15.4	1	0.00E00	-1.84E05	987.3	1	0.00E00	-1.84E05	0.00	6.7	0.0 1
431	o	100	40	5.7	5.7	4.6	4.6	-15.1	1	0.00E00	-1.80E05	965.3	1	0.00E00	-1.80E05	0.00	6.5	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-13.1	1	0.00E00	-1.57E05	840.6	1	0.00E00	-1.57E05	0.00	5.7	0.0 1
432	o	100	40	5.7	5.7	4.6	4.6	-13.2	1	0.00E00	-1.58E05	848.2	1	0.00E00	-1.58E05	0.00	5.7	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-7.9	1	0.00E00	-9.44E04	506.2	1	0.00E00	-9.44E04	0.00	3.4	0.0 1
433	o	100	40	5.7	5.7	4.6	4.6	-11.4	1	0.00E00	-1.37E05	733.3	1	0.00E00	-1.37E05	0.00	5.0	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-6.6	1	0.00E00	-7.89E04	423.0	1	0.00E00	-7.89E04	0.00	2.9	0.0 1
434	o	100	40	5.7	5.7	4.6	4.6	-9.6	1	0.00E00	-1.15E05	617.9	1	0.00E00	-1.15E05	0.00	4.2	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-5.4	1	0.00E00	-6.43E04	344.8	1	0.00E00	-6.43E04	0.00	2.3	0.0 1
435	o	100	40	5.7	5.7	4.6	4.6	-8.1	1	0.00E00	-9.64E04	516.6	1	0.00E00	-9.64E04	0.00	3.5	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-4.2	1	0.00E00	-5.06E04	271.5	1	0.00E00	-5.06E04	0.00	1.8	0.0 1
436	o	100	40	5.7	5.7	4.6	4.6	-8.0	1	0.00E00	-9.57E04	513.2	1	0.00E00	-9.57E04	0.00	3.5	0.0 1
	v	100	40	5.7	5.7	4.6	4.6	-4.2	1	0.00E00	-4.99E04	267.7	1	0.00E00	-4.99E04	0.00	1.8	0.0 1
437	o	100	40	5.7	5.7	4.6	4.6	-9.5	1	0.00E00	-1.14E05	611.2	1	0.00E00	-1.14E05	0.00	4.1	0.0 1

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        v 100  40   5.7   5.7  4.6  4.6   -5.3  1  0.00E00 -6.37E04   341.5  1  0.00E00 -6.37E04   0.00  2.3
0.0  1
  438   o 100  40   5.7   5.7  4.6  4.6  -11.3  1  0.00E00 -1.36E05   727.2  1  0.00E00 -1.36E05   0.00  4.9
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -6.6  1  0.00E00 -7.85E04   420.6  1  0.00E00 -7.85E04   0.00  2.8
0.0  1
  439   o 100  40   5.7   5.7  4.6  4.6  -13.2  1  0.00E00 -1.57E05   842.9  1  0.00E00 -1.57E05   0.00  5.7
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -10.9  1  0.00E00 -1.30E05   697.1  1  0.00E00 -1.30E05   0.00  4.7
0.0  1
  440   o 100  40   5.7   5.7  4.6  4.6  -15.0  1  0.00E00 -1.79E05   961.0  1  0.00E00 -1.79E05   0.00  6.5
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -13.1  1  0.00E00 -1.57E05   839.1  1  0.00E00 -1.57E05   0.00  5.7
0.0  1
  441   o 100  40   5.7   5.7  4.6  4.6  -16.9  1  0.00E00 -2.02E05  1084.3  1  0.00E00 -2.02E05   0.00  7.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -15.4  1  0.00E00 -1.84E05   988.0  1  0.00E00 -1.84E05   0.00  6.7
0.0  1
  442   o 100  40   5.7   5.7  4.6  4.6  -19.0  1  0.00E00 -2.27E05  1215.1  1  0.00E00 -2.27E05   0.00  8.2
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -17.8  1  0.00E00 -2.13E05  1142.6  1  0.00E00 -2.13E05   0.00  7.7
0.0  1
  443   o 100  40   5.7   5.7  4.6  4.6  -21.2  1  0.00E00 -2.53E05  1356.8  1  0.00E00 -2.53E05   0.00  9.2
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -20.3  1  0.00E00 -2.43E05  1300.3  1  0.00E00 -2.43E05   0.00  8.8
0.0  1
  444   o 100  40   5.7   5.7  4.6  4.6  -23.6  1  0.00E00 -2.83E05  1515.1  1  0.00E00 -2.83E05   0.00 10.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -22.7  1  0.00E00 -2.72E05  1455.7  1  0.00E00 -2.72E05   0.00  9.8
0.0  1
  445   o 100  40   5.7   5.7  4.6  4.6  -26.1  1  0.00E00 -3.12E05  1674.9  1  0.00E00 -3.12E05   0.00 11.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -24.9  1  0.00E00 -2.97E05  1593.7  1  0.00E00 -2.97E05   0.00 10.8
0.0  1
  446   o 100  40   5.7   5.7  4.6  4.6  -28.2  1  0.00E00 -3.37E05  1807.8  1  0.00E00 -3.37E05   0.00 12.2
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -26.2  1  0.00E00 -3.13E05  1676.8  1  0.00E00 -3.13E05   0.00 11.3
0.0  1
  447   o 100  40   5.7   5.7  4.6  4.6  -28.5  1  0.00E00 -3.41E05  1827.2  1  0.00E00 -3.41E05   0.00 12.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -26.3  1  0.00E00 -3.15E05  1688.2  1  0.00E00 -3.15E05   0.00 11.4
0.0  1
  448   o 100  40   5.7   5.7  4.6  4.6  -27.2  1  0.00E00 -3.25E05  1742.3  1  0.00E00 -3.25E05   0.00 11.8
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -14.9  1  0.00E00 -1.79E05   957.0  1  0.00E00 -1.79E05   0.00  6.5
0.0  1
  449   o  50  40   3.4   3.4  4.6  4.6  -24.2  1  0.00E00 -1.58E05  1419.5  1  0.00E00 -1.58E05   0.00 11.4
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -2.5  1  0.00E00 -2.99E04   160.2  1  0.00E00 -2.99E04   0.00  1.1
0.0  1
  450   o  50  40   3.4   3.4  4.6  4.6  -24.1  1  0.00E00 -1.57E05  1412.8  1  0.00E00 -1.57E05   0.00 11.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -3.5  1  0.00E00  4.24E04   227.3  1  0.00E00  4.24E04   0.00  1.5
0.0  1
  451   o 100  40   5.7   5.7  4.6  4.6  -25.9  1  0.00E00 -3.10E05  1659.4  1  0.00E00 -3.10E05   0.00 11.2
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -24.2  1  0.00E00 -2.90E05  1554.0  1  0.00E00 -2.90E05   0.00 10.5
0.0  1
  452   o 100  40   5.3   5.3  4.6  4.6  -24.4  1  0.00E00 -2.83E05  1608.3  1  0.00E00 -2.83E05   0.00 10.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -25.8  1  0.00E00 -3.09E05  1656.0  1  0.00E00 -3.09E05   0.00 11.2
0.0  1
  453   o 100  40   5.7   5.7  4.6  4.6  -13.1  1  0.00E00 -1.57E05   840.8  1  0.00E00 -1.57E05   0.00  5.7
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -24.0  1  0.00E00 -2.87E05  1537.5  1  0.00E00 -2.87E05   0.00 10.4
0.0  1
  454   o 100  40   5.7   5.7  4.6  4.6  -14.0  1  0.00E00  1.68E05   899.4  1  0.00E00  1.68E05   0.00  6.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -21.7  1  0.00E00 -2.59E05  1390.4  1  0.00E00 -2.59E05   0.00  9.4
0.0  1
  455   o 100  40   5.7   5.7  4.6  4.6  -22.5  1  0.00E00  2.69E05  1443.1  1  0.00E00  2.69E05   0.00  9.8
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -19.4  1  0.00E00 -2.32E05  1244.4  1  0.00E00 -2.32E05   0.00  8.4
0.0  1
  456   o 100  40   5.7   5.7  4.6  4.6  -22.2  1  0.00E00  2.66E05  1425.0  1  0.00E00  2.66E05   0.00  9.6
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -11.7  1  0.00E00 -1.40E05   752.7  1  0.00E00 -1.40E05   0.00  5.1
0.0  1
  457   o 100  40   5.7   5.7  4.6  4.6  -20.9  1  0.00E00  2.50E05  1341.7  1  0.00E00  2.50E05   0.00  9.1
0.0  1
        v 100  40   5.7   5.7  4.6  4.6  -10.1  1  0.00E00 -1.21E05   648.0  1  0.00E00 -1.21E05   0.00  4.4
0.0  1
  458   o 100  40   5.7   5.7  4.6  4.6  -19.1  1  0.00E00  2.29E05  1225.1  1  0.00E00  2.29E05   0.00  8.3
0.0  1
        v 100  40   5.7   5.7  4.6  4.6   -8.6  1  0.00E00 -1.02E05   549.1  1  0.00E00 -1.02E05   0.00  3.7
0.0  1
  459   o 100  40   5.7   5.7  4.6  4.6  -17.1  1  0.00E00  2.04E05  1093.2  1  0.00E00  2.04E05   0.00  7.4
0.0  1
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	v	100	40	5.7	5.7	4.6	4.6	-7.1	1	0.00E00	-8.48E04	454.8	1	0.00E00	-8.48E04	0.00	3.1
0.0	1																
460	o	100	40	5.7	5.7	4.6	4.6	-14.9	1	0.00E00	1.79E05	957.3	1	0.00E00	1.79E05	0.00	6.5
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-5.0	1	0.00E00	5.96E04	319.2	1	0.00E00	5.96E04	0.00	2.2
0.0	1																
461	o	100	40	5.7	5.7	4.6	4.6	-12.8	1	0.00E00	1.53E05	820.8	1	0.00E00	1.53E05	0.00	5.6
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-3.7	1	0.00E00	4.44E04	238.1	1	0.00E00	4.44E04	0.00	1.6
0.0	1																
462	o	100	40	5.7	5.7	4.6	4.6	-10.7	1	0.00E00	1.28E05	687.0	1	0.00E00	1.28E05	0.00	4.6
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-2.5	1	0.00E00	2.95E04	158.3	1	0.00E00	2.95E04	0.00	1.1
0.0	1																
463	o	100	40	5.7	5.7	4.6	4.6	-9.0	1	0.00E00	1.07E05	574.9	1	0.00E00	1.07E05	0.00	3.9
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-1.3	1	0.00E00	1.52E04	81.3	1	0.00E00	1.52E04	0.00	0.6
0.0	1																
464	o	100	40	5.7	5.7	4.6	4.6	-8.9	1	0.00E00	1.07E05	572.0	1	0.00E00	1.07E05	0.00	3.9
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-1.2	1	0.00E00	1.45E04	77.6	1	0.00E00	1.45E04	0.00	0.5
0.0	1																
465	o	100	40	5.7	5.7	4.6	4.6	-10.6	1	0.00E00	1.27E05	681.9	1	0.00E00	1.27E05	0.00	4.6
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-2.4	1	0.00E00	2.88E04	154.5	1	0.00E00	2.88E04	0.00	1.0
0.0	1																
466	o	100	40	5.7	5.7	4.6	4.6	-12.7	1	0.00E00	1.52E05	816.9	1	0.00E00	1.52E05	0.00	5.5
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-3.7	1	0.00E00	4.37E04	234.5	1	0.00E00	4.37E04	0.00	1.6
0.0	1																
467	o	100	40	5.7	5.7	4.6	4.6	-14.9	1	0.00E00	1.78E05	954.9	1	0.00E00	1.78E05	0.00	6.5
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-5.7	1	0.00E00	-6.76E04	362.4	1	0.00E00	-6.76E04	0.00	2.5
0.0	1																
468	o	100	40	5.7	5.7	4.6	4.6	-17.0	1	0.00E00	2.04E05	1092.5	1	0.00E00	2.04E05	0.00	7.4
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-7.1	1	0.00E00	-8.46E04	453.4	1	0.00E00	-8.46E04	0.00	3.1
0.0	1																
469	o	100	40	5.7	5.7	4.6	4.6	-19.1	1	0.00E00	2.29E05	1225.9	1	0.00E00	2.29E05	0.00	8.3
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-8.6	1	0.00E00	-1.02E05	548.9	1	0.00E00	-1.02E05	0.00	3.7
0.0	1																
470	o	100	40	5.7	5.7	4.6	4.6	-21.0	1	0.00E00	2.51E05	1344.3	1	0.00E00	2.51E05	0.00	9.1
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-10.1	1	0.00E00	-1.21E05	649.4	1	0.00E00	-1.21E05	0.00	4.4
0.0	1																
471	o	100	40	5.7	5.7	4.6	4.6	-22.3	1	0.00E00	2.67E05	1429.1	1	0.00E00	2.67E05	0.00	9.7
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-11.8	1	0.00E00	-1.41E05	756.0	1	0.00E00	-1.41E05	0.00	5.1
0.0	1																
472	o	100	40	5.7	5.7	4.6	4.6	-22.6	1	0.00E00	2.70E05	1448.0	1	0.00E00	2.70E05	0.00	9.8
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-19.5	1	0.00E00	-2.33E05	1251.0	1	0.00E00	-2.33E05	0.00	8.5
0.0	1																
473	o	100	40	5.7	5.7	4.6	4.6	-14.1	1	0.00E00	1.68E05	902.3	1	0.00E00	1.68E05	0.00	6.1
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-21.8	1	0.00E00	-2.61E05	1399.4	1	0.00E00	-2.61E05	0.00	9.5
0.0	1																
474	o	100	40	5.7	5.7	4.6	4.6	-13.2	1	0.00E00	-1.58E05	847.9	1	0.00E00	-1.58E05	0.00	5.7
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-24.1	1	0.00E00	-2.89E05	1546.9	1	0.00E00	-2.89E05	0.00	10.5
0.0	1																
475	o	100	40	5.7	5.7	4.6	4.6	-24.0	1	0.00E00	-2.87E05	1535.9	1	0.00E00	-2.87E05	0.00	10.4
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-25.9	1	0.00E00	-3.10E05	1663.1	1	0.00E00	-3.10E05	0.00	11.3
0.0	1																
476	o	100	40	5.7	5.7	4.6	4.6	-26.4	1	0.00E00	-3.16E05	1693.8	1	0.00E00	-3.16E05	0.00	11.5
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-24.2	1	0.00E00	-2.90E05	1553.0	1	0.00E00	-2.90E05	0.00	10.5
0.0	1																
477	o	50	40	3.4	3.4	4.6	4.6	-24.7	1	0.00E00	-1.61E05	1447.0	1	0.00E00	-1.61E05	0.00	11.6
0.0	1																
	v	100	40	5.7	5.7	4.6	4.6	-3.6	1	0.00E00	4.31E04	231.2	1	0.00E00	4.31E04	0.00	1.6
0.0	1																
478	o	60	40	3.4	3.4	4.6	4.6	-6.4	1	0.00E00	4.61E04	412.2	1	0.00E00	4.61E04	0.00	2.8
0.0	1																
	v	50	40	3.4	3.4	4.6	4.6	-5.8	1	0.00E00	3.78E04	339.4	1	0.00E00	3.78E04	0.00	2.7
0.0	1																
479	o	100	40	5.7	5.7	4.6	4.6	-3.6	1	0.00E00	4.32E04	231.7	1	0.00E00	4.32E04	0.00	1.6
0.0	1																
	v	50	40	3.4	3.4	4.6	4.6	-22.8	1	0.00E00	-1.48E05	1333.6	1	0.00E00	-1.48E05	0.00	10.7
0.0	1																
480	o	100	40	5.3	5.3	4.6	4.6	-9.1	1	0.00E00	-1.05E05	597.8	1	0.00E00	-1.05E05	0.00	3.8
0.0	1																
	v	50	40	3.4	3.4	4.6	4.6	-23.6	1	0.00E00	-1.54E05	1383.6	1	0.00E00	-1.54E05	0.00	11.1
0.0	1																
481	o	100	40	5.7	5.7	4.6	4.6	-14.9	1	0.00E00	-1.78E05	956.2	1	0.00E00	-1.78E05	0.00	6.5
0.0	1																

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        v  50  40   3.4   3.4  4.6  4.6  -21.3  1  0.00E00 -1.39E05  1246.7  1  0.00E00 -1.39E05   0.00 10.0
0.0  1
  482   o 100  40   5.7   5.7  4.6  4.6  -16.2  1  0.00E00 -1.93E05  1036.3  1  0.00E00 -1.93E05   0.00  7.0
0.0  1
        v  50  40   3.4   3.4  4.6  4.6  -18.5  1  0.00E00 -1.21E05  1084.7  1  0.00E00 -1.21E05   0.00  8.7
0.0  1
  483   o 100  40   5.7   5.7  4.6  4.6  -16.0  1  0.00E00 -1.91E05  1022.8  1  0.00E00 -1.91E05   0.00  6.9
0.0  1
        v  50  40   3.4   3.4  4.6  4.6  -16.2  1  0.00E00 -1.06E05   951.1  1  0.00E00 -1.06E05   0.00  7.6
0.0  1
  484   o 100  40   5.7   5.7  4.6  4.6  -14.8  1  0.00E00 -1.77E05   949.2  1  0.00E00 -1.77E05   0.00  6.4
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -4.3  1  0.00E00  2.81E04   252.6  1  0.00E00  2.81E04   0.00  2.0
0.0  1
  485   o 100  40   5.7   5.7  4.6  4.6  -13.1  1  0.00E00 -1.57E05   842.3  1  0.00E00 -1.57E05   0.00  5.7
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -4.3  1  0.00E00  2.80E04   251.6  1  0.00E00  2.80E04   0.00  2.0
0.0  1
  486   o 100  40   5.7   5.7  4.6  4.6  -11.2  1  0.00E00 -1.34E05   718.2  1  0.00E00 -1.34E05   0.00  4.9
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -4.0  1  0.00E00  2.60E04   233.4  1  0.00E00  2.60E04   0.00  1.9
0.0  1
  487   o 100  40   5.7   5.7  4.6  4.6   -6.3  1  0.00E00 -7.59E04   406.7  1  0.00E00 -7.59E04   0.00  2.8
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -9.0  1  0.00E00  5.87E04   527.7  1  0.00E00  5.87E04   0.00  4.2
0.0  1
  488   o 100  40   5.7   5.7  4.6  4.6   -2.0  1  0.00E00 -2.38E04   127.5  1  0.00E00 -2.38E04   0.00  0.9
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -8.1  1  0.00E00  5.27E04   473.4  1  0.00E00  5.27E04   0.00  3.8
0.0  1
  489   o 100  40   5.7   5.7  4.6  4.6   -1.2  1  0.00E00 -1.43E04    76.7  1  0.00E00 -1.43E04   0.00  0.5
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -6.2  1  0.00E00  4.03E04   362.4  1  0.00E00  4.03E04   0.00  2.9
0.0  1
  490   o 100  40   5.7   5.7  4.6  4.6   -1.5  1  0.00E00  1.73E04    93.0  1  0.00E00  1.73E04   0.00  0.6
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -4.3  1  0.00E00  2.81E04   252.4  1  0.00E00  2.81E04   0.00  2.0
0.0  1
  491   o 100  40   5.7   5.7  4.6  4.6   -1.3  1  0.00E00  1.58E04    84.7  1  0.00E00  1.58E04   0.00  0.6
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -2.5  1  0.00E00  1.60E04   144.2  1  0.00E00  1.60E04   0.00  1.2
0.0  1
  492   o 100  40   5.7   5.7  4.6  4.6   -1.3  1  0.00E00  1.52E04    81.7  1  0.00E00  1.52E04   0.00  0.6
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -2.4  1  0.00E00  1.55E04   138.9  1  0.00E00  1.55E04   0.00  1.1
0.0  1
  493   o 100  40   5.7   5.7  4.6  4.6   -1.4  1  0.00E00  1.66E04    89.1  1  0.00E00  1.66E04   0.00  0.6
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -4.2  1  0.00E00  2.75E04   247.2  1  0.00E00  2.75E04   0.00  2.0
0.0  1
  494   o 100  40   5.7   5.7  4.6  4.6   -1.2  1  0.00E00 -1.41E04    75.7  1  0.00E00 -1.41E04   0.00  0.5
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -6.1  1  0.00E00  3.98E04   357.6  1  0.00E00  3.98E04   0.00  2.9
0.0  1
  495   o 100  40   5.7   5.7  4.6  4.6   -2.0  1  0.00E00 -2.36E04   126.5  1  0.00E00 -2.36E04   0.00  0.9
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -7.1  1  0.00E00  4.60E04   413.8  1  0.00E00  4.60E04   0.00  3.3
0.0  1
  496   o 100  40   5.7   5.7  4.6  4.6   -6.3  1  0.00E00 -7.55E04   404.5  1  0.00E00 -7.55E04   0.00  2.7
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -3.5  1  0.00E00  2.28E04   204.9  1  0.00E00  2.28E04   0.00  1.6
0.0  1
  497   o 100  40   5.7   5.7  4.6  4.6  -11.2  1  0.00E00 -1.33E05   715.5  1  0.00E00 -1.33E05   0.00  4.8
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -4.0  1  0.00E00  2.59E04   232.4  1  0.00E00  2.59E04   0.00  1.9
0.0  1
  498   o 100  40   5.7   5.7  4.6  4.6  -13.1  1  0.00E00 -1.57E05   840.8  1  0.00E00 -1.57E05   0.00  5.7
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -4.3  1  0.00E00  2.79E04   250.6  1  0.00E00  2.79E04   0.00  2.0
0.0  1
  499   o 100  40   5.7   5.7  4.6  4.6  -14.8  1  0.00E00 -1.77E05   948.8  1  0.00E00 -1.77E05   0.00  6.4
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -4.3  1  0.00E00  2.80E04   251.5  1  0.00E00  2.80E04   0.00  2.0
0.0  1
  500   o 100  40   5.7   5.7  4.6  4.6  -16.0  1  0.00E00 -1.91E05  1023.4  1  0.00E00 -1.91E05   0.00  6.9
0.0  1
        v  50  40   3.4   3.4  4.6  4.6  -16.3  1  0.00E00 -1.06E05   955.1  1  0.00E00 -1.06E05   0.00  7.7
0.0  1
  501   o 100  40   5.7   5.7  4.6  4.6  -16.2  1  0.00E00 -1.93E05  1037.1  1  0.00E00 -1.93E05   0.00  7.0
0.0  1
        v  50  40   3.4   3.4  4.6  4.6  -18.6  1  0.00E00 -1.21E05  1090.1  1  0.00E00 -1.21E05   0.00  8.7
0.0  1
  502   o 100  40   5.7   5.7  4.6  4.6  -14.9  1  0.00E00 -1.78E05   956.1  1  0.00E00 -1.78E05   0.00  6.5
0.0  1
        v  50  40   3.4   3.4  4.6  4.6  -21.4  1  0.00E00 -1.39E05  1252.8  1  0.00E00 -1.39E05   0.00 10.0
0.0  1
  503   o 100  40   5.7   5.7  4.6  4.6   -8.8  1  0.00E00 -1.05E05   563.0  1  0.00E00 -1.05E05   0.00  3.8
0.0  1
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        v  50  40   3.4   3.4  4.6  4.6  -23.7  1  0.00E00 -1.54E05  1386.7  1  0.00E00 -1.54E05   0.00 11.1
0.0  1
  504   o 100  40   5.7   5.7  4.6  4.6   -3.7  1  0.00E00  4.41E04   236.6  1  0.00E00  4.41E04   0.00  1.6
0.0  1
        v  50  40   3.4   3.4  4.6  4.6  -22.6  1  0.00E00 -1.47E05  1324.9  1  0.00E00 -1.47E05   0.00 10.6
0.0  1
  505   o  60  40   3.4   3.4  4.6  4.6   -6.4  1  0.00E00  4.63E04   413.3  1  0.00E00  4.63E04   0.00  2.8
0.0  1
        v  50  40   3.4   3.4  4.6  4.6   -5.8  1  0.00E00  3.79E04   340.4  1  0.00E00  3.79E04   0.00  2.7
0.0  1
```