

ภาคผนวก ก.

ข้อมูลระบบไฟฟ้ากำลังที่ใช้ในการทดสอบ

ก.1 รูปแบบไฟล์ข้อมูลตามมาตรฐาน IEEE CDF

การจัดรูปแบบไฟล์ข้อมูลระบบไฟฟ้ากำลังตามมาตรฐาน Common Data Format (CDF) มีรายละเอียดดังนี้ (ข้อมูลจาก <http://www.ee.washington.edu/research/pstca/>)

Partial Description of the IEEE Common Data Format for the Exchange of Solved Load Flow Data

The complete description can be found in the paper "Common Data Format for the Exchange of Solved Load Flow Data", Working Group on a Common Format for the Exchange of Solved Load Flow Data, IEEE Transactions on Power Apparatus and Systems, Vol. PAS-92, No. 6, November/December 1973, pp. 1916-1925.

The data file has lines of up to 128 characters. The lines are grouped into sections with section headers. Data items are entered in specific columns. No blank items are allowed, enter zeros instead. Floating point items should have explicit decimal point. No implicit decimal points are used.

Data type codes: A - Alphanumeric (no special characters)
I - Integer
F - Floating point
* - Mandatory item

Title Data
=====

First card in file.

Columns 2- 9 Date, in format DD/MM/YY with leading zeros. If no date provided, use 0b/0b/0b where b is blank.

Columns 11-30 Originator's name (A)

Columns 32-37 MVA Base (F*)

Columns 39-42 Year (I)

Column 44 Season (S - Summer, W - Winter)

Column 46-73 Case identification (A)

Bus Data *
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Section start card *:

Columns 1-16 BUS DATA FOLLOWS (not clear that any more than BUS in 1-3 is significant) *

Columns ?- ? NNNNN ITEMS (column not clear, I would not count on this)

Bus data cards *:

Columns 1- 4 Bus number (I) *

Columns 7-17 Name (A) (left justify) *

Columns 19-20 Load flow area number (I) Don't use zero! *

Columns 21-23 Loss zone number (I)

Columns 25-26 Type (I) *

0 - Unregulated (load, PQ)

1 - Hold MVAR generation within voltage limits, (PQ)

2 - Hold voltage within VAR limits (gen, PV)

3 - Hold voltage and angle (swing, V-Theta) (must always

have one)

Columns 28-33	Final voltage, p.u. (F) *
Columns 34-40	Final angle, degrees (F) *
Columns 41-49	Load MW (F) *
Columns 50-59	Load MVAR (F) *
Columns 60-67	Generation MW (F) *
Columns 68-75	Generation MVAR (F) *
Columns 77-83	Base KV (F)
Columns 85-90	Desired volts (pu) (F) (This is desired remote voltage if this bus is controlling another bus.
Columns 91-98	Maximum MVAR or voltage limit (F)
Columns 99-106	Minimum MVAR or voltage limit (F)
Columns 107-114	Shunt conductance G (per unit) (F) *
Columns 115-122	Shunt susceptance B (per unit) (F) *
Columns 124-127	Remote controlled bus number

Section end card:

Columns 1- 4 -999

Branch Data *

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Section start card *:

Columns 1-16 BRANCH DATA FOLLOWS (not clear that any more than BRANCH is significant) *

Columns 40?- ? NNNNN ITEMS (column not clear, I would not count on this)

Branch data cards *:

Columns 1- 4	Tap bus number (I) *
	For transformers or phase shifters, the side of the model the non-unity tap is on
Columns 6- 9	Z bus number (I) *
	For transformers and phase shifters, the side of the model the device impedance is on.
Columns 11-12	Load flow area (I)
Columns 13-14	Loss zone (I)
Column 17	Circuit (I) * (Use 1 for single lines)
Column 19	Type (I) *
	0 - Transmission line
	1 - Fixed tap
	2 - Variable tap for voltage control (TCUL, LTC)
	3 - Variable tap (turns ratio) for MVAR control
	4 - Variable phase angle for MW control (phase shifter)
Columns 20-29	Branch resistance R, per unit (F) *
Columns 30-40	Branch reactance X, per unit (F) * No zero impedance lines
Columns 41-50	Line charging B, per unit (F) * (total line charging, +B)
Columns 51-55	Line MVA rating No 1 (I) Left justify!
Columns 57-61	Line MVA rating No 2 (I) Left justify!
Columns 63-67	Line MVA rating No 3 (I) Left justify!
Columns 69-72	Control bus number
Column 74	Side (I)
	0 - Controlled bus is one of the terminals
	1 - Controlled bus is near the tap side
	2 - Controlled bus is near the impedance side (Z bus)
Columns 77-82	Transformer final turns ratio (F)
Columns 84-90	Transformer (phase shifter) final angle (F)
Columns 91-97	Minimum tap or phase shift (F)
Columns 98-104	Maximum tap or phase shift (F)
Columns 106-111	Step size (F)
Columns 113-119	Minimum voltage, MVAR or MW limit (F)
Columns 120-126	Maximum voltage, MVAR or MW limit (F)

Section end card:

Columns 1- 4 -999

Loss Zone Data

=====

Section start card

Columns 1-16 LOSS ZONES FOLLOWS (not clear that any more than LOSS
is significant)

Columns 40?- ? NNNNN ITEMS (column not clear, I would not count on this)

Loss Zone Cards:

Columns 1- 3 Loss zone number (I)

Columns 5-16 Loss zone name (A)

Section end card:

Columns 1- 3 -99

Interchange Data *

=====

Section start card

Columns 1-16 INTERCHANGE DATA FOLLOWS (not clear that any more than
first word is significant).

Columns 40?- ? NNNNN ITEMS (column not clear, I would not count on this)

Interchange Data Cards *:

Columns 1- 2 Area number (I) no zeros! *

Columns 4- 7 Interchange slack bus number (I) *

Columns 9-20 Alternate swing bus name (A)

Columns 21-28 Area interchange export, MW (F) (+ = out) *

Columns 30-35 Area interchange tolerance, MW (F) *

Columns 38-43 Area code (abbreviated name) (A) *

Columns 46-75 Area name (A)

Section end card:

Columns 1- 2 -9

Tie Line Data

=====

Section start card

Columns 1-16 TIE LINES FOLLOW (not clear that any more than TIE
is significant)

Columns 40?- ? NNNNN ITEMS (column not clear, I would not count on this)

Tie Line Cards:

Columns 1- 4 Metered bus number (I)

Columns 7-8 Metered area number (I)

Columns 11-14 Non-metered bus number (I)

Columns 17-18 Non-metered area number (I)

Column 21 Circuit number

Section end card:

Columns 1- 3 -999

ก.2 ข้อมูลระบบ IEEE 30 Bus

08/20/93 UW ARCHIVE		100.0 1961 W IEEE 30 Bus Test Case																	
BUS DATA FOLLOWS		30 ITEMS																	
1	Glen Lyn	132	1	1	3	1.060	0.0	0.0	260.2	-16.1	132.0	1.060	0.0	0.0	0.0	0.0	0.0	0.0	0
2	Claytor	132	1	1	2	1.043	-5.48	21.7	12.7	40.0	50.0	132.0	1.045	50.0	-40.0	0.0	0.0	0.0	0
3	Kumis	132	1	1	0	1.021	-7.96	2.4	1.2	0.0	0.0	132.0	0.0	0.0	0.0	0.0	0.0	0.0	0
4	Hancock	132	1	1	0	1.012	-9.62	7.6	1.6	0.0	0.0	132.0	0.0	0.0	0.0	0.0	0.0	0.0	0
5	Fieldale	132	1	1	2	1.010	-14.37	94.2	19.0	0.0	37.0	132.0	1.010	40.0	-40.0	0.0	0.0	0.0	0
6	Roanoke	132	1	1	0	1.010	-11.34	0.0	0.0	0.0	0.0	132.0	0.0	0.0	0.0	0.0	0.0	0.0	0
7	Blaine	132	1	1	0	1.002	-13.12	22.8	10.9	0.0	0.0	132.0	0.0	0.0	0.0	0.0	0.0	0.0	0
8	Reusens	132	1	1	2	1.010	-12.10	30.0	30.0	0.0	37.3	132.0	1.010	40.0	-10.0	0.0	0.0	0.0	0
9	Roanoke	1.0	1	1	0	1.051	-14.38	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0
10	Roanoke	33	1	1	0	1.045	-15.97	5.8	2.0	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.19	0
11	Roanoke	11	1	1	2	1.082	-14.39	0.0	0.0	0.0	16.2	11.0	1.082	24.0	-6.0	0.0	0.0	0.0	0
12	Hancock	33	1	1	0	1.057	-15.24	11.2	7.5	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0
13	Hancock	11	1	1	2	1.071	-15.24	0.0	0.0	0.0	10.6	11.0	1.071	24.0	-6.0	0.0	0.0	0.0	0
14	Bus 14	33	1	1	0	1.042	-16.13	6.2	1.6	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0
15	Bus 15	33	1	1	0	1.038	-16.22	8.2	2.5	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0
16	Bus 16	33	1	1	0	1.045	-15.83	3.5	1.8	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0
17	Bus 17	33	1	1	0	1.040	-16.14	9.0	5.8	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0
18	Bus 18	33	1	1	0	1.028	-16.82	3.2	0.9	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0
19	Bus 19	33	1	1	0	1.026	-17.00	9.5	3.4	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0
20	Bus 20	33	1	1	0	1.030	-16.80	2.2	0.7	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0
21	Bus 21	33	1	1	0	1.033	-16.42	17.5	11.2	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0
22	Bus 22	33	1	1	0	1.033	-16.41	0.0	0.0	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0
23	Bus 23	33	1	1	0	1.027	-16.61	3.2	1.6	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0
24	Bus 24	33	1	1	0	1.021	-16.78	8.7	6.7	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.043	0
25	Bus 25	33	1	1	0	1.017	-16.35	0.0	0.0	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0
26	Bus 26	33	1	1	0	1.000	-16.77	3.5	2.3	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0
27	Cloverdle	33	1	1	0	1.023	-15.82	0.0	0.0	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0
28	Cloverdle	132	1	1	0	1.007	-11.97	0.0	0.0	0.0	0.0	132.0	0.0	0.0	0.0	0.0	0.0	0.0	0
29	Bus 29	33	1	1	0	1.003	-17.06	2.4	0.9	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0
30	Bus 30	33	1	1	0	0.992	-17.94	10.6	1.9	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0
-999																			
BRANCH DATA FOLLOWS		41 ITEMS																	
1	2	1	1	1	0	0.0192	0.0575	0.0528	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
1	3	1	1	1	0	0.0452	0.1652	0.0408	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
2	4	1	1	1	0	0.0570	0.1737	0.0368	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
3	4	1	1	1	0	0.0132	0.0379	0.0084	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
2	5	1	1	1	0	0.0472	0.1983	0.0418	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
2	6	1	1	1	0	0.0581	0.1763	0.0374	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0

4	6	1	1	1	0	0.0119	0.0414	0.0090	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
5	7	1	1	1	0	0.0460	0.1160	0.0204	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
6	7	1	1	1	0	0.0267	0.0820	0.0170	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
6	8	1	1	1	0	0.0120	0.0420	0.0090	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
6	9	1	1	1	0	0.0	0.2080	0.0	0	0	0	0	0	0.978	0.0	0.0	0.0	0.0	0.0
6	10	1	1	1	0	0.0	0.5560	0.0	0	0	0	0	0	0.969	0.0	0.0	0.0	0.0	0.0
9	11	1	1	1	0	0.0	0.2080	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
9	10	1	1	1	0	0.0	0.1100	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
4	12	1	1	1	0	0.0	0.2560	0.0	0	0	0	0	0	0.932	0.0	0.0	0.0	0.0	0.0
12	13	1	1	1	0	0.0	0.1400	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
12	14	1	1	1	0	0.1231	0.2559	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
12	15	1	1	1	0	0.0662	0.1304	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
12	16	1	1	1	0	0.0945	0.1987	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
14	15	1	1	1	0	0.2210	0.1997	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
16	17	1	1	1	0	0.0524	0.1923	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
15	18	1	1	1	0	0.1073	0.2185	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
18	19	1	1	1	0	0.0639	0.1292	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
19	20	1	1	1	0	0.0340	0.0680	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
10	20	1	1	1	0	0.0936	0.2090	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
10	17	1	1	1	0	0.0324	0.0845	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
10	21	1	1	1	0	0.0348	0.0749	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
10	22	1	1	1	0	0.0727	0.1499	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
21	22	1	1	1	0	0.0116	0.0236	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
15	23	1	1	1	0	0.1000	0.2020	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
22	24	1	1	1	0	0.1150	0.1790	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
23	24	1	1	1	0	0.1320	0.2700	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
24	25	1	1	1	0	0.1885	0.3292	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
25	26	1	1	1	0	0.2544	0.3800	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
25	27	1	1	1	0	0.1093	0.2087	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
28	27	1	1	1	0	0.0	0.3960	0.0	0	0	0	0	0	0.968	0.0	0.0	0.0	0.0	0.0
27	29	1	1	1	0	0.2198	0.4153	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
27	30	1	1	1	0	0.3202	0.6027	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
29	30	1	1	1	0	0.2399	0.4533	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
8	28	1	1	1	0	0.0636	0.2000	0.0428	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
6	28	1	1	1	0	0.0169	0.0599	0.0130	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0

-999

LOSS ZONES FOLLOWS

1 ITEMS

1 IEEE 30 BUS

-99

INTERCHANGE DATA FOLLOWS

1 ITEMS

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1 2 Claytor 132 0.0 999.99 IEEE30 IEEE 30 Bus Test Case

TIE LINES FOLLOWS

0 ITEMS

-999

END OF DATA

ก.3 ข้อมูลระบบ IEEE 118 Bus

08/25/93 UW ARCHIVE			100.0 1961 W IEEE 118 Bus Test Case															
BUS DATA FOLLOWS			118 ITEMS															
1	Riversde	V2	1	1	2	0.955	10.67	51.0	27.0	0.0	0.0	0.0	0.955	15.0	-5.0	0.0	0.0	0
2	Pokagon	V2	1	1	0	0.971	11.22	20.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
3	HickryCk	V2	1	1	0	0.968	11.56	39.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
4	NwCarls1	V2	1	1	2	0.998	15.28	30.0	12.0	-9.0	0.0	0.0	0.998	300.0	-300.0	0.0	0.0	0
5	Olive	V2	1	1	0	1.002	15.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.40	0
6	Kankakee	V2	1	1	2	0.990	13.00	52.0	22.0	0.0	0.0	0.0	0.990	50.0	-13.0	0.0	0.0	0
7	JacksnRd	V2	1	1	0	0.989	12.56	19.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
8	Olive	V1	1	1	2	1.015	20.77	0.0	0.0	-28.0	0.0	0.0	1.015	300.0	-300.0	0.0	0.0	0
9	Bequine	V1	1	1	0	1.043	28.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
10	Breed	V1	1	1	2	1.050	35.61	0.0	0.0	450.0	0.0	0.0	1.050	200.0	-147.0	0.0	0.0	0
11	SouthBnd	V2	1	1	0	0.985	12.72	70.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
12	TwinBrch	V2	1	1	2	0.990	12.20	47.0	10.0	85.0	0.0	0.0	0.990	120.0	-35.0	0.0	0.0	0
13	Concord	V2	1	1	0	0.968	11.35	34.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
14	GoshenJt	V2	1	1	0	0.984	11.50	14.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
15	FtWayne	V2	1	1	2	0.970	11.23	90.0	30.0	0.0	0.0	0.0	0.970	30.0	-10.0	0.0	0.0	0
16	N. E.	V2	1	1	0	0.984	11.91	25.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
17	Sorenson	V2	1	1	0	0.995	13.74	11.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
18	McKinley	V2	1	1	2	0.973	11.53	60.0	34.0	0.0	0.0	0.0	0.973	50.0	-16.0	0.0	0.0	0
19	Lincoln	V2	1	1	2	0.963	11.05	45.0	25.0	0.0	0.0	0.0	0.962	24.0	-8.0	0.0	0.0	0
20	Adams	V2	1	1	0	0.958	11.93	18.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
21	Jay	V2	1	1	0	0.959	13.52	14.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
22	Randolph	V2	1	1	0	0.970	16.08	10.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
23	CollCrnr	V2	1	1	0	1.000	21.00	7.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
24	Trenton	V2	1	1	2	0.992	20.89	0.0	0.0	-13.0	0.0	0.0	0.992	300.0	-300.0	0.0	0.0	0
25	TannrsCk	V2	1	1	2	1.050	27.93	0.0	0.0	220.0	0.0	0.0	1.050	140.0	-47.0	0.0	0.0	0
26	TannrsCk	V1	1	1	2	1.015	29.71	0.0	0.0	314.0	0.0	0.0	1.015	1000.0	-1000.0	0.0	0.0	0
27	Madison	V2	1	1	2	0.968	15.35											

39	NwLibrty	V2	1	1	0	0.970	8.41	27.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
40	West End	V2	1	1	2	0.970	7.35	20.0	23.0	-46.0	0.0	0.0	0.970	300.0	-300.0	0.0	0
41	S.Tiffin	V2	1	1	0	0.967	6.92	37.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
42	Howard	V2	1	1	2	0.985	8.53	37.0	23.0	-59.0	0.0	0.0	0.985	300.0	-300.0	0.0	0
43	S.Kenton	V2	1	1	0	0.978	11.28	18.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
44	WMVernon	V2	1	1	0	0.985	13.82	16.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.10	0
45	N.Newark	V2	1	1	0	0.987	15.67	53.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.10	0
46	W.Lancst	V2	1	1	2	1.005	18.49	28.0	10.0	19.0	0.0	0.0	1.005	100.0	-100.0	0.0	0
47	Crooksvl	V2	1	1	0	1.017	20.73	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
48	Zanesvll	V2	1	1	0	1.021	19.93	20.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.15	0
49	Philo	V2	1	1	2	1.025	20.94	87.0	30.0	204.0	0.0	0.0	1.025	210.0	-85.0	0.0	0
50	WCambrdg	V2	1	1	0	1.001	18.90	17.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
51	Newcmrst	V2	1	1	0	0.967	16.28	17.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
52	SCoshoct	V2	1	1	0	0.957	15.32	18.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
53	Wooster	V2	1	1	0	0.946	14.35	23.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
54	Torrey	V2	1	1	2	0.955	15.26	113.0	32.0	48.0	0.0	0.0	0.955	300.0	-300.0	0.0	0
55	Wagenhls	V2	1	1	2	0.952	14.97	63.0	22.0	0.0	0.0	0.0	0.952	23.0	-8.0	0.0	0
56	Sunnysde	V2	1	1	2	0.954	15.16	84.0	18.0	0.0	0.0	0.0	0.954	15.0	-8.0	0.0	0
57	WNwPhil1	V2	1	1	0	0.971	16.36	12.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
58	WNwPhil2	V2	1	1	0	0.959	15.51	12.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
59	Tidd	V2	1	1	2	0.985	19.37	277.0	113.0	155.0	0.0	0.0	0.985	180.0	-60.0	0.0	0
60	SWKammer	V2	1	1	0	0.993	23.15	78.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
61	W.Kammer	V2	1	1	2	0.995	24.04	0.0	0.0	160.0	0.0	0.0	0.995	300.0	-100.0	0.0	0
62	Natrium	V2	1	1	2	0.998	23.43	77.0	14.0	0.0	0.0	0.0	0.998	20.0	-20.0	0.0	0
63	Tidd	V1	1	1	0	0.969	22.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
64	Kammer	V1	1	1	0	0.984	24.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
65	Muskngum	V1	1	1	2	1.005	27.45	0.0	0.0	391.0	0.0	0.0	1.005	200.0	-67.0	0.0	0
66	Muskngum	V2	1	1	2	1.050	27.68	39.0	18.0	392.0	0.0	0.0	1.050	200.0	-67.0	0.0	0
67	Summerfl	V2	1	1	0	1.020	24.84	28.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
68	Sporn	V1	1	1	0	1.003	27.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
69	Sporn	V2	1	1	3	1.035	30.00	0.0	0.0	516.4	0.0	0.0	1.035	300.0	-300.0	0.0	0
70	Portsmth	V2	1	1	2	0.984	22.58	66.0	20.0	0.0	0.0	0.0	0.984	32.0	-10.0	0.0	0
71	NPortsmt	V2	1	1	0	0.987	22.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
72	Hillsbro	V2	1	1	2	0.980	20.98	0.0	0.0	-12.0	0.0	0.0	0.980	100.0	-100.0	0.0	0
73	Sargents	V2	1	1	2	0.991	21.94	0.0	0.0	-6.0	0.0	0.0	0.991	100.0	-100.0	0.0	0
74	Bellefnt	V2	1	1	2	0.958	21.64	68.0	27.0	0.0	0.0	0.0	0.958	9.0	-6.0	0.0	0
75	SthPoint	V2	1	1	0	0.967	22.91	47.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
76	Darrah	V2	1	1	2	0.943	21.77	68.0	36.0	0.0	0.0	0.0	0.943	23.0	-8.0	0.0	0
77	Turner	V2	1	1	2	1.006	26.72	61.0	28.0	0.0	0.0	0.0	1.006	70.0	-20.0	0.0	0
78	Chemical	V2	1	1	0	1.003	26.42	71.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
79	CapitlHl	V2	1	1	0	1.009	26.72	39.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.20	0
80	CabinCrk	V2	1	1	2	1.040	28.96	130.0	26.0	477.0	0.0	0.0	1.040	280.0	-165.0	0.0	0
81	Kanawha	V1	1	1	0	0.997	28.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
82	Logan	V2	1	1	0	0.989	27.24	54.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.20	0
83	Sprigg	V2	1	1	0	0.985	28.42	20.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.10	0

84	BetsyLne	V2	1	1	0	0.980	30.95	11.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
85	BeaverCk	V2	1	1	2	0.985	32.51	24.0	15.0	0.0	0.0	0.0	0.985	23.0	-8.0	0.0	0
86	Hazard	V2	1	1	0	0.987	31.14	21.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
87	Pineville	V3	1	1	2	1.015	31.40	0.0	0.0	4.0	0.0	0.0	1.015	1000.0	-100.0	0.0	0
88	Fremont	V2	1	1	0	0.987	35.64	48.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
89	ClinchRv	V2	1	1	2	1.005	39.69	0.0	0.0	607.0	0.0	0.0	1.005	300.0	-210.0	0.0	0
90	Holston	V2	1	1	2	0.985	33.29	78.0	42.0	-85.0	0.0	0.0	0.985	300.0	-300.0	0.0	0
91	HolstonT	V2	1	1	2	0.980	33.31	0.0	0.0	-10.0	0.0	0.0	0.980	100.0	-100.0	0.0	0
92	Saltvllle	V2	1	1	2	0.993	33.80	65.0	10.0	0.0	0.0	0.0	0.990	9.0	-3.0	0.0	0
93	Tazewell	V2	1	1	0	0.987	30.79	12.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
94	Switchbk	V2	1	1	0	0.991	28.64	30.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
95	Caldwell	V2	1	1	0	0.981	27.67	42.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
96	Baileysv	V2	1	1	0	0.993	27.51	38.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
97	Sundial	V2	1	1	0	1.011	27.88	15.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
98	Bradley	V2	1	1	0	1.024	27.40	34.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
99	Hinton	V2	1	1	2	1.010	27.04	0.0	0.0	-42.0	0.0	0.0	1.010	100.0	-100.0	0.0	0
100	Glen Lyn	V2	1	1	2	1.017	28.03	37.0	18.0	252.0	0.0	0.0	1.017	155.0	-50.0	0.0	0
101	Wythe	V2	1	1	0	0.993	29.61	22.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
102	Smythe	V2	1	1	0	0.991	32.30	5.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
103	Claytor	V2	1	1	2	1.001	24.44	23.0	16.0	40.0	0.0	0.0	1.01	40.0	-15.0	0.0	0
104	Hancock	V2	1	1	2	0.971	21.69	38.0	25.0	0.0	0.0	0.0	0.971	23.0	-8.0	0.0	0
105	Roanoke	V2	1	1	2	0.965	20.57	31.0	26.0	0.0	0.0	0.0	0.965	23.0	-8.0	0.0	0.20
106	Cloverdl	V2	1	1	0	0.962	20.32	43.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
107	Reusens	V2	1	1	2	0.952	17.53	28.0	12.0	-22.0	0.0	0.0	0.952	200.0	-200.0	0.0	0.06
108	Blaine	V2	1	1	0	0.967	19.38	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
109	Franklin	V2	1	1	0	0.967	18.93	8.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
110	Fieldale	V2	1	1	2	0.973	18.09	39.0	30.0	0.0	0.0	0.0	0.973	23.0	-8.0	0.0	0.06
111	DanRiver	V2	1	1	2	0.980	19.74	0.0	0.0	36.0	0.0	0.0	0.980	1000.0	-100.0	0.0	0
112	Danville	V2	1	1	2	0.975	14.99	25.0	13.0	-43.0	0.0	0.0	0.975	1000.0	-100.0	0.0	0
113	Deer Crk	V2	1	1	2	0.993	13.74	0.0	0.0	-6.0	0.0	0.0	0.993	200.0	-100.0	0.0	0
114	WMedford	V2	1	1	0	0.960	14.46	8.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
115	Medford	V2	1	1	0	0.960	14.46	22.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
116	KygerCrk	V2	1	1	2	1.005	27.12	0.0	0.0	-184.0	0.0	0.0	1.005	1000.0	-1000.0	0.0	0
117	Corey	V2	1	1	0	0.974	10.67	20.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
118	WHuntngd	V2	1	1	0	0.949	21.92	33.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0

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BRANCH DATA FOLLOWS

80 ITEMS

1	2	1	1	1	0	0.03030	0.09990	0.02540	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
1	3	1	1	1	0	0.01290	0.04240	0.01082	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
4	5	1	1	1	0	0.00176	0.00798	0.00210	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
3	5	1	1	1	0	0.02410	0.10800	0.02840	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
5	6	1	1	1	0	0.01190	0.05400	0.01426	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
6	7	1	1	1	0	0.00459	0.02080	0.00550	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
8	9	1	1	1	0	0.00244	0.03050	1.16200	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
8	5	1	1	1	1	0.00000	0.02670	0.0	0	0	0	0	0	0.985	0.0	0.0	0.0	0.0	0.0

9	10	1	1	1	0	0.00258	0.03220	1.23000	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
4	11	1	1	1	0	0.02090	0.06880	0.01748	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
5	11	1	1	1	0	0.02030	0.06820	0.01738	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
11	12	1	1	1	0	0.00595	0.01960	0.00502	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
2	12	1	1	1	0	0.01870	0.06160	0.01572	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
3	12	1	1	1	0	0.04840	0.16000	0.04060	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
7	12	1	1	1	0	0.00862	0.03400	0.00874	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
11	13	1	1	1	0	0.02225	0.07310	0.01876	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
12	14	1	1	1	0	0.02150	0.07070	0.01816	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
13	15	1	1	1	0	0.07440	0.24440	0.06268	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
14	15	1	1	1	0	0.05950	0.19500	0.05020	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
12	16	1	1	1	0	0.02120	0.08340	0.02140	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
15	17	1	1	1	0	0.01320	0.04370	0.04440	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
16	17	1	1	1	0	0.04540	0.18010	0.04660	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
17	18	1	1	1	0	0.01230	0.05050	0.01298	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
18	19	1	1	1	0	0.01119	0.04930	0.01142	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
19	20	1	1	1	0	0.02520	0.11700	0.02980	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
15	19	1	1	1	0	0.01200	0.03940	0.01010	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
20	21	1	1	1	0	0.01830	0.08490	0.02160	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
21	22	1	1	1	0	0.02090	0.09700	0.02460	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
22	23	1	1	1	0	0.03420	0.15900	0.04040	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
23	24	1	1	1	0	0.01350	0.04920	0.04980	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
23	25	1	1	1	0	0.01560	0.08000	0.08640	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
26	25	1	1	1	1	0.00000	0.03820	0.0	0	0	0	0	0	0.960	0.0	0.0	0.0	0.0	0.0
25	27	1	1	1	0	0.03180	0.16300	0.17640	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
27	28	1	1	1	0	0.01913	0.08550	0.02160	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
28	29	1	1	1	0	0.02370	0.09430	0.02380	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
30	17	1	1	1	1	0.00000	0.03880	0.0	0	0	0	0	0	0.960	0.0	0.0	0.0	0.0	0.0
8	30	1	1	1	0	0.00431	0.05040	0.51400	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
26	30	1	1	1	0	0.00799	0.08600	0.90800	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
17	31	1	1	1	0	0.04740	0.15630	0.03990	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
29	31	1	1	1	0	0.01080	0.03310	0.00830	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
23	32	1	1	1	0	0.03170	0.11530	0.11730	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
31	32	1	1	1	0	0.02980	0.09850	0.02510	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
27	32	1	1	1	0	0.02290	0.07550	0.01926	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
15	33	1	1	1	0	0.03800	0.12440	0.03194	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
19	34	1	1	1	0	0.07520	0.24700	0.06320	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
35	36	1	1	1	0	0.00224	0.01020	0.00268	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
35	37	1	1	1	0	0.01100	0.04970	0.01318	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
33	37	1	1	1	0	0.04150	0.14200	0.03660	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
34	36	1	1	1	0	0.00871	0.02680	0.00568	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
34	37	1	1	1	0	0.00256	0.00940	0.00984	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
38	37	1	1	1	1	0.00000	0.03750	0.0	0	0	0	0	0	0.935	0.0	0.0	0.0	0.0	0.0
37	39	1	1	1	0	0.03210	0.10600	0.02700	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
37	40	1	1	1	0	0.05930	0.16800	0.04200	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0

30	38	1	1	1	0	0.00464	0.05400	0.42200	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
39	40	1	1	1	0	0.01840	0.06050	0.01552	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
40	41	1	1	1	0	0.01450	0.04870	0.01222	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
40	42	1	1	1	0	0.05550	0.18300	0.04660	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
41	42	1	1	1	0	0.04100	0.13500	0.03440	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
43	44	1	1	1	0	0.06080	0.24540	0.06068	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
34	43	1	1	1	0	0.04130	0.16810	0.04226	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
44	45	1	1	1	0	0.02240	0.09010	0.02240	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
45	46	1	1	1	0	0.04000	0.13560	0.03320	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
46	47	1	1	1	0	0.03800	0.12700	0.03160	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
46	48	1	1	1	0	0.06010	0.18900	0.04720	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
47	49	1	1	1	0	0.01910	0.06250	0.01604	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
42	49	1	1	1	0	0.07150	0.32300	0.08600	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
42	49	1	1	1	0	0.07150	0.32300	0.08600	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
45	49	1	1	1	0	0.06840	0.18600	0.04440	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
48	49	1	1	1	0	0.01790	0.05050	0.01258	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
49	50	1	1	1	0	0.02670	0.07520	0.01874	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
49	51	1	1	1	0	0.04860	0.13700	0.03420	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
51	52	1	1	1	0	0.02030	0.05880	0.01396	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
52	53	1	1	1	0	0.04050	0.16350	0.04058	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
53	54	1	1	1	0	0.02630	0.12200	0.03100	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
49	54	1	1	1	0	0.07300	0.28900	0.07380	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
49	54	1	1	1	0	0.08690	0.29100	0.07300	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
54	55	1	1	1	0	0.01690	0.07070	0.02020	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
54	56	1	1	1	0	0.00275	0.00955	0.00732	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
55	56	1	1	1	0	0.00488	0.01510	0.00374	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
56	57	1	1	1	0	0.03430	0.09660	0.02420	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
50	57	1	1	1	0	0.04740	0.13400	0.03320	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
56	58	1	1	1	0	0.03430	0.09660	0.02420	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
51	58	1	1	1	0	0.02550	0.07190	0.01788	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
54	59	1	1	1	0	0.05030	0.22930	0.05980	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
56	59	1	1	1	0	0.08250	0.25100	0.05690	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
56	59	1	1	1	0	0.08030	0.23900	0.05360	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
55	59	1	1	1	0	0.04739	0.21580	0.05646	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
59	60	1	1	1	0	0.03170	0.14500	0.03760	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
59	61	1	1	1	0	0.03280	0.15000	0.03880	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
60	61	1	1	1	0	0.00264	0.01350	0.01456	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
60	62	1	1	1	0	0.01230	0.05610	0.01468	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
61	62	1	1	1	0	0.00824	0.03760	0.00980	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
63	59	1	1	1	1	0.00000	0.03860	0.0	0	0	0	0	0	0.960	0.0	0.0	0.0	0.0	0.0
63	64	1	1	1	0	0.00172	0.02000	0.21600	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
64	61	1	1	1	1	0.00000	0.02680	0.0	0	0	0	0	0	0.985	0.0	0.0	0.0	0.0	0.0
38	65	1	1	1	0	0.00901	0.09860	1.04600	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
64	65	1	1	1	0	0.00269	0.03020	0.38000	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
49	66	1	1	1	0	0.01800	0.09190	0.02480	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0

49	66	1	1	1	0	0.01800	0.09190	0.02480	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
62	66	1	1	1	0	0.04820	0.21800	0.05780	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
62	67	1	1	1	0	0.02580	0.11700	0.03100	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
65	66	1	1	1	1	0.00000	0.03700	0.0	0	0	0	0	0	0.935	0.0	0.0	0.0	0.0	0.0
66	67	1	1	1	0	0.02240	0.10150	0.02682	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
65	68	1	1	1	0	0.00138	0.01600	0.63800	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
47	69	1	1	1	0	0.08440	0.27780	0.07092	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
49	69	1	1	1	0	0.09850	0.32400	0.08280	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
68	69	1	1	1	1	0.00000	0.03700	0.0	0	0	0	0	0	0.935	0.0	0.0	0.0	0.0	0.0
69	70	1	1	1	0	0.03000	0.12700	0.12200	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
24	70	1	1	1	0	0.00221	0.41150	0.10198	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
70	71	1	1	1	0	0.00882	0.03550	0.00878	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
24	72	1	1	1	0	0.04880	0.19600	0.04880	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
71	72	1	1	1	0	0.04460	0.18000	0.04444	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
71	73	1	1	1	0	0.00866	0.04540	0.01178	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
70	74	1	1	1	0	0.04010	0.13230	0.03368	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
70	75	1	1	1	0	0.04280	0.14100	0.03600	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
69	75	1	1	1	0	0.04050	0.12200	0.12400	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
74	75	1	1	1	0	0.01230	0.04060	0.01034	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
76	77	1	1	1	0	0.04440	0.14800	0.03680	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
69	77	1	1	1	0	0.03090	0.10100	0.10380	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
75	77	1	1	1	0	0.06010	0.19990	0.04978	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
77	78	1	1	1	0	0.00376	0.01240	0.01264	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
78	79	1	1	1	0	0.00546	0.02440	0.00648	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
77	80	1	1	1	0	0.01700	0.04850	0.04720	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
77	80	1	1	1	0	0.02940	0.10500	0.02280	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
79	80	1	1	1	0	0.01560	0.07040	0.01870	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
68	81	1	1	1	0	0.00175	0.02020	0.80800	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
81	80	1	1	1	1	0.00000	0.03700	0.0	0	0	0	0	0	0.935	0.0	0.0	0.0	0.0	0.0
77	82	1	1	1	0	0.02980	0.08530	0.08174	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
82	83	1	1	1	0	0.01120	0.03665	0.03796	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
83	84	1	1	1	0	0.06250	0.13200	0.02580	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
83	85	1	1	1	0	0.04300	0.14800	0.03480	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
84	85	1	1	1	0	0.03020	0.06410	0.01234	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
85	86	1	1	1	0	0.03500	0.12300	0.02760	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
86	87	1	1	1	0	0.02828	0.20740	0.04450	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
85	88	1	1	1	0	0.02000	0.10200	0.02760	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
85	89	1	1	1	0	0.02390	0.17300	0.04700	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
88	89	1	1	1	0	0.01390	0.07120	0.01934	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
89	90	1	1	1	0	0.05180	0.18800	0.05280	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
89	90	1	1	1	0	0.02380	0.09970	0.10600	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
90	91	1	1	1	0	0.02540	0.08360	0.02140	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
89	92	1	1	1	0	0.00990	0.05050	0.05480	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
89	92	1	1	1	0	0.03930	0.15810	0.04140	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
91	92	1	1	1	0	0.03870	0.12720	0.03268	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0

92	93	1	1	1	0	0.02580	0.08480	0.02180	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
92	94	1	1	1	0	0.04810	0.15800	0.04060	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
93	94	1	1	1	0	0.02230	0.07320	0.01876	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
94	95	1	1	1	0	0.01320	0.04340	0.01110	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
80	96	1	1	1	0	0.03560	0.18200	0.04940	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
82	96	1	1	1	0	0.01620	0.05300	0.05440	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
94	96	1	1	1	0	0.02690	0.08690	0.02300	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
80	97	1	1	1	0	0.01830	0.09340	0.02540	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
80	98	1	1	1	0	0.02380	0.10800	0.02860	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
80	99	1	1	1	0	0.04540	0.20600	0.05460	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
92	100	1	1	1	0	0.06480	0.29500	0.04720	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
94	100	1	1	1	0	0.01780	0.05800	0.06040	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
95	96	1	1	1	0	0.01710	0.05470	0.01474	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
96	97	1	1	1	0	0.01730	0.08850	0.02400	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
98	100	1	1	1	0	0.03970	0.17900	0.04760	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
99	100	1	1	1	0	0.01800	0.08130	0.02160	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
100	101	1	1	1	0	0.02770	0.12620	0.03280	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
92	102	1	1	1	0	0.01230	0.05590	0.01464	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
101	102	1	1	1	0	0.02460	0.11200	0.02940	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
100	103	1	1	1	0	0.01600	0.05250	0.05360	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
100	104	1	1	1	0	0.04510	0.20400	0.05410	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
103	104	1	1	1	0	0.04660	0.15840	0.04070	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
103	105	1	1	1	0	0.05350	0.16250	0.04080	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
100	106	1	1	1	0	0.06050	0.22900	0.06200	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
104	105	1	1	1	0	0.00994	0.03780	0.00986	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
105	106	1	1	1	0	0.01400	0.05470	0.01434	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
105	107	1	1	1	0	0.05300	0.18300	0.04720	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
105	108	1	1	1	0	0.02610	0.07030	0.01844	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
106	107	1	1	1	0	0.05300	0.18300	0.04720	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
108	109	1	1	1	0	0.01050	0.02880	0.00760	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
103	110	1	1	1	0	0.03906	0.18130	0.04610	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
109	110	1	1	1	0	0.02780	0.07620	0.02020	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
110	111	1	1	1	0	0.02200	0.07550	0.02000	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
110	112	1	1	1	0	0.02470	0.06400	0.06200	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
17	113	1	1	1	0	0.00913	0.03010	0.00768	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
32	113	1	1	1	0	0.06150	0.20300	0.05180	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
32	114	1	1	1	0	0.01350	0.06120	0.01628	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
27	115	1	1	1	0	0.01640	0.07410	0.01972	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
114	115	1	1	1	0	0.00230	0.01040	0.00276	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
68	116	1	1	1	0	0.00034	0.00405	0.16400	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
12	117	1	1	1	0	0.03290	0.14000	0.03580	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
75	118	1	1	1	0	0.01450	0.04810	0.01198	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
76	118	1	1	1	0	0.01640	0.05440	0.01356	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0

-999

LOSS ZONES FOLLOWS

1 ITEMS

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1 IEEE 118 BUS
-99
INTERCHANGE DATA FOLLOWS          1 ITEMS
1 80 CabinCrk V2 0.0 999.99 IEEE118 IEEE 118 Bus Test Case
-9
TIE LINES FOLLOWS                   0 ITEMS
-999
END OF DATA

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ก.4 ข้อมูลระบบ THA 424 Bus

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11/09/00 THAILAND SYSTEMS          100.0 2000 S THA 424-BUS TEST SYSTEM
BUS DATA FOLLOWS                   424 ITEMS (HEADER)

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1	BPK-B230	1	1	0	1.0057	-34.01	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	1
2	AP230	1	1	0	1.0007	-29.89	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	2
3	PA2_230	1	1	0	1.0056	-32.96	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	3
4	BWN230	1	1	0	1.0007	-29.47	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	4
5	RY2_230	1	1	0	1.0004	-28.43	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	5
6	BKI230	1	1	0	1.0000	-29.23	10.40	-11.59	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	6
7	NKM230	1	1	0	1.0000	-28.03	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	7
8	MM3_500	4	1	0	1.1352	-33.33	0.00	0.00	0.00	0.00	500.00	0.0000	0.000	0.000	0.0000	0.0000	0	8
9	TTK500	4	1	0	1.1095	-34.88	0.00	0.00	0.00	0.00	500.00	0.0000	0.000	0.000	0.0000	0.0000	0	9
10	WN500	1	1	0	1.0630	-34.97	0.00	0.00	0.00	0.00	500.00	0.0000	0.000	0.000	0.0000	0.0000	0	10
11	NCO500	1	1	0	1.0603	-34.63	0.00	0.00	0.00	0.00	500.00	0.0000	0.000	0.000	0.0000	0.0000	0	11
12	MM3_230	4	1	0	1.0902	-32.93	24.30	19.50	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	12
13	PL2_230	4	1	0	1.0720	-32.90	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	13
14	SK230	4	1	0	1.0368	-29.32	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	14
15	NS230	4	1	0	1.0649	-34.84	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	15
16	BB230	4	1	0	1.0172	-26.92	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	16
17	TA2_230	4	1	0	1.0214	-29.87	50.00	28.89	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	17
18	TTK230	4	1	0	1.0844	-35.70	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	18
19	CM3_230	4	1	0	1.0848	-35.04	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	19
20	CR230	4	1	0	1.1077	-34.40	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	20
21	LS230	4	1	0	1.0791	-33.61	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	21
22	KK3_230	2	1	0	1.0586	-33.75	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	22
23	CYP230	2	1	0	1.0647	-36.28	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	23
24	NR2_230	2	1	0	1.0405	-38.55	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	24
25	KK1_230	2	1	0	1.0583	-33.92	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	25
26	RE230	2	1	0	1.0575	-34.75	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	26
27	KHL230	1	1	0	1.0070	-26.53	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	27
28	SNR230	1	1	0	1.0062	-29.58	19.89	-6.90	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	28

29	BP2_230	1	1	0	1.0036	-34.98	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	29
30	RB2_230	1	1	0	1.0330	-36.49	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	30
31	HH230	1	1	0	1.0485	-37.28	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	31
32	PKK230	1	1	0	1.0557	-36.93	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	32
33	BSP230	1	1	0	1.0546	-36.08	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	33
34	SRT230	3	1	0	1.0778	-42.75	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	34
35	RPB230	3	1	0	1.0475	-40.50	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	35
36	KN230	3	1	0	1.0977	-43.58	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	36
37	NT230	3	1	0	1.1071	-45.82	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	37
38	PU230	3	1	0	1.1119	-47.37	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	38
39	HY2_230	3	1	0	1.1149	-48.65	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	39
40	TS230	3	1	0	1.0962	-45.42	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	40
41	KNE230	3	1	0	1.1162	-48.26	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	41
44	RB3_230	1	1	0	1.0331	-36.00	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	42
45	CBG500	1	1	0	1.0447	-34.46	0.00	0.00	0.00	0.00	500.00	0.0000	0.000	0.000	0.0000	0.0000	0	43
46	AT2_230	1	1	0	1.0336	-37.48	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	44
47	SNO230	1	1	0	1.0226	-37.05	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	45
48	SNO500	1	1	0	1.0521	-35.24	0.00	0.00	0.00	0.00	500.00	0.0000	0.000	0.000	0.0000	0.0000	0	46
49	TL3_230	1	1	0	1.0307	-38.02	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	47
50	SR2_230	1	1	0	1.0245	-38.37	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	48
51	AT1_230	1	1	0	1.0307	-37.56	9.30	30.70	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	49
52	BI2_230	1	1	0	1.0189	-37.54	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	50
53	WN230	1	1	0	1.0223	-36.91	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	51
54	RS230	1	1	0	1.0028	-38.40	234.99	118.39	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	52
55	KLM230	1	1	0	1.0007	-34.31	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	53
56	BPK-A230	1	1	0	1.0006	-33.86	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	54
57	BPL230	1	1	0	0.9995	-37.95	119.79	-22.79	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	55
58	TPR230	1	1	0	0.9991	-38.17	135.29	50.30	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	56
59	SB230	1	1	0	1.0000	-38.41	512.59	77.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	57
60	STB230	1	1	0	1.0022	-38.88	278.00	-6.50	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	58
61	BN230	1	1	0	1.0044	-38.83	289.90	53.89	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	59
62	SA1_230	1	1	0	0.9993	-39.24	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	60
63	NB230	1	1	0	0.9982	-39.09	209.60	99.99	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	61
64	CHW230	1	1	0	1.0007	-38.77	95.80	13.10	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	62
65	LPR230	1	1	0	0.9988	-39.06	355.70	72.19	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	63
66	RPS230	1	1	0	1.0002	-38.86	120.59	31.20	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	64
67	BK230	1	1	0	1.0028	-38.46	462.09	-53.50	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	65
68	ON-A230	1	1	0	1.0047	-37.85	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	66
69	ON-B230	1	1	0	1.0045	-37.88	36.20	8.30	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	67
70	NCO-A230	1	1	0	1.0182	-36.49	95.90	-12.10	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	68
71	NCO-B230	1	1	0	1.0180	-36.51	95.40	-11.69	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	69
72	NPO2_230	2	1	0	1.0484	-32.46	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	70
88	TECO230	1	1	0	1.0330	-36.49	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	71
91	IPT230	1	1	0	1.0010	-29.56	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	72
92	CP	3	1	0	1.0605	-43.58	22.40	3.50	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	73

93	PKK	1	1	0	1.0624	-38.56	7.59	0.70	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	74
94	SRT	3	1	0	1.0655	-44.65	8.69	-5.69	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	75
95	LSN	3	1	0	1.0653	-44.64	8.60	2.40	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	76
96	PP	3	1	0	1.0606	-44.87	26.70	10.20	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	77
97	BDN	3	1	0	1.0589	-45.29	34.10	6.20	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	78
98	TP	3	1	0	0.9848	-45.82	9.90	3.90	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	79
99	RN	3	1	0	0.9416	-50.65	21.70	2.20	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	80
100	PN	3	1	0	0.9842	-43.57	13.60	-4.30	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	81
101	PK1	3	1	0	0.9004	-49.91	44.40	14.70	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	82
102	PK2	3	1	0	0.8805	-51.66	50.30	15.40	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	83
103	RPB	3	1	0	1.0273	-41.89	1.30	0.40	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	84
104	TS	3	1	0	1.0809	-46.60	64.09	25.59	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	85
105	LR	3	1	0	1.0361	-44.27	40.30	11.10	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	86
106	KA	3	1	0	1.0119	-27.41	20.40	1.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	87
107	NT	3	1	0	1.0909	-47.44	32.00	5.29	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	88
108	RA	3	1	0	1.0905	-48.38	16.10	0.70	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	89
109	PU	3	1	0	1.0967	-47.80	7.19	0.30	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	90
110	HY1	3	1	0	1.1091	-50.89	31.90	3.70	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	91
111	STU	3	1	0	1.0910	-52.41	15.70	5.10	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	92
112	HY2	3	1	0	1.1127	-50.75	94.09	27.80	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.7200	0	93
113	SKL	3	1	0	1.1048	-51.42	50.60	11.80	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	94
114	PTN	3	1	0	1.0784	-50.21	33.00	7.70	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	95
115	YL1	3	1	0	1.0655	-47.84	20.70	2.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	96
116	BLG	3	1	0	1.0639	-44.59	4.40	0.50	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	97
118	NW	3	1	0	1.0505	-49.96	12.90	0.60	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	98
119	SUK	3	1	0	1.0467	-50.60	8.20	0.90	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	99
122	PRB	1	1	0	1.0489	-38.76	13.80	-0.40	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	100
123	HH	1	1	0	1.0452	-38.27	12.69	2.20	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	101
124	CA	1	1	0	1.0241	-39.39	20.90	9.09	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	102
125	KKC	1	1	0	1.0243	-39.47	0.89	0.20	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	103
126	PB	1	1	0	1.0136	-39.65	22.89	7.60	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	104
127	RB2	1	1	0	1.0125	-39.16	125.89	39.50	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	105
128	RB1	1	1	0	1.0110	-39.12	8.39	2.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	106
129	SM	1	1	0	1.0213	-37.39	13.69	5.70	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	107
130	SN4	1	1	0	1.0159	-37.88	0.00	0.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	108
131	SN2	1	1	0	1.0132	-38.19	44.10	15.10	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	109
132	SN1	1	1	0	1.0117	-38.14	49.00	34.19	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	110
133	SN3	1	1	0	0.9685	-42.60	74.19	30.40	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	111
134	SA1	1	1	0	0.9822	-41.27	66.60	25.59	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	112
135	SA2	1	1	0	0.9789	-41.51	52.20	8.59	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	113
136	NCS	1	1	0	0.9777	-41.50	116.20	31.20	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	114
137	BP2	1	1	0	0.9854	-38.82	65.89	36.20	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	115
138	KS	1	1	0	0.9591	-41.44	71.09	13.59	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	116
139	TM	1	1	0	0.9748	-38.25	14.50	4.39	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	117
140	KB	1	1	0	0.9740	-37.73	29.29	7.80	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	118

141	TTN	1	1	0	0.9972	-33.67	0.00	0.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	119
142	SNR	1	1	0	1.0060	-32.07	0.00	0.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	120
143	BP1	1	1	0	0.9837	-39.55	36.89	10.99	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	121
144	BPK	1	1	0	1.0002	-33.87	0.10	0.10	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	122
145	CB	1	1	0	0.9937	-33.85	45.39	16.69	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	123
146	SC	1	1	0	0.9982	-32.37	30.70	9.20	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	124
147	AP	1	1	0	1.0000	-32.20	82.40	72.40	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	125
148	BBG	1	1	0	0.9953	-30.96	40.80	18.60	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	126
149	AU2_230	1	1	0	1.0000	-29.87	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	127
150	AU2	1	1	0	0.9994	-29.97	0.00	0.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	128
151	BL	1	1	0	0.9882	-32.86	76.19	27.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	129
152	CTN	1	1	0	0.9847	-32.41	14.69	1.89	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	130
153	SH1	1	1	0	0.9826	-31.58	11.20	7.10	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	131
154	SH2	1	1	0	0.9778	-31.78	15.49	10.60	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	132
155	RY3	1	1	0	1.0000	-29.16	22.09	11.09	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	133
156	RY2	1	1	0	1.0000	-29.03	163.69	82.40	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	134
157	RY1	1	1	0	0.9905	-30.03	69.10	28.99	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	135
158	KLA	1	1	0	0.9879	-30.74	11.89	2.30	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	136
159	CT	1	1	0	0.9670	-34.00	50.59	8.99	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	137
160	TR	1	1	0	0.9637	-36.23	17.90	-3.59	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	138
161	KRD	1	1	0	0.9506	-34.36	15.00	12.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	139
162	CC	1	1	0	1.0000	-33.65	25.79	13.20	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	140
163	PA1	1	1	0	0.9967	-32.58	13.90	1.20	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	141
164	SMP	1	1	0	1.0000	-30.25	0.00	0.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	142
165	WNK	1	1	0	0.9778	-32.60	16.00	4.10	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	143
166	PA2	1	1	0	0.9982	-31.28	47.60	15.49	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	144
169	AU1	1	1	0	0.9985	-30.11	5.00	1.80	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	145
171	AT2	1	1	0	1.0211	-39.33	7.09	2.80	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	146
172	TL1	1	1	0	1.0073	-39.27	16.19	3.60	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	147
173	TL3	1	1	0	1.0070	-39.21	114.79	58.10	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	148
174	SR2	1	1	0	1.0000	-39.17	129.39	85.90	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	149
175	NR2	2	1	0	1.0307	-40.03	53.50	19.20	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	150
176	AT1	1	1	0	1.0218	-38.76	0.00	0.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	151
177	SI	1	1	0	1.0045	-40.67	39.90	11.40	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	152
178	LB1	1	1	0	0.9914	-41.45	18.00	3.09	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	153
179	LB2	1	1	0	1.0084	-40.92	31.29	5.20	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	154
180	CBD	1	1	0	0.9924	-43.00	15.19	2.60	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	155
181	SP	1	1	0	0.9812	-41.55	29.90	4.59	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	156
182	DBN	1	1	0	1.0173	-39.84	9.29	1.29	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	157
183	BI2	1	1	0	1.0000	-39.21	107.90	95.89	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	158
184	AY1	1	1	0	1.0050	-39.54	20.60	6.50	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	159
185	BI1	1	1	0	0.9995	-39.33	64.09	27.60	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	160
186	PTB	1	1	0	1.0034	-39.57	10.59	3.29	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	161
187	TL2	1	1	0	1.0070	-39.29	5.00	1.80	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	162
188	SRI	1	1	0	0.9908	-39.77	22.10	11.59	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	163

189	SR4	1	1	0	1.0000	-39.14	47.50	24.89	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	164
190	NY	1	1	0	0.9938	-39.74	12.50	3.10	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	165
191	TK2	4	1	0	1.0472	-38.51	18.79	5.09	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	166
192	TTK	4	1	0	1.0775	-36.97	6.00	0.50	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	167
193	BMN	4	1	0	1.0766	-37.85	13.20	-1.30	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	168
194	BGS	4	1	0	1.0688	-37.83	9.39	2.90	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	169
195	NS	4	1	0	1.0618	-36.17	37.99	1.10	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	170
196	MR	4	1	0	1.0457	-38.31	30.10	10.29	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	171
198	SLB	4	1	0	1.0525	-37.04	12.50	3.40	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	172
199	BB	4	1	0	1.0429	-29.62	-0.30	0.89	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	173
200	TA1	4	1	0	1.0602	-33.52	9.80	-1.79	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	174
201	MS	4	1	0	1.0630	-34.52	7.10	-0.69	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	175
202	KP	4	1	0	1.0717	-35.62	20.09	-3.39	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	176
203	ST	4	1	0	1.0580	-34.29	10.69	0.60	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	177
204	PL2	4	1	0	1.0545	-33.92	15.59	-1.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	178
205	SL	4	1	0	1.0615	-34.34	8.90	0.89	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	179
206	UT	4	1	0	1.0678	-33.73	12.00	-6.40	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	180
207	SK	4	1	0	1.0586	-31.39	1.50	-1.39	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	181
208	PR	4	1	0	1.0746	-35.05	12.89	-2.20	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	182
209	NA	4	1	0	1.0756	-36.75	9.29	-1.20	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	183
210	MM3	4	1	0	1.0771	-35.17	2.19	4.80	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	184
211	MMM	4	1	0	1.0685	-35.48	47.70	44.80	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	185
212	LP2	4	1	0	1.0735	-35.78	33.99	6.09	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	186
213	MM2	4	1	0	1.0750	-35.38	1.69	0.90	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	187
214	PY	4	1	0	1.0883	-36.42	12.60	0.70	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	188
215	CR	4	1	0	1.1010	-36.51	20.00	1.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	189
216	MCN	4	1	0	1.0964	-36.89	8.10	3.70	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	190
217	THG	4	1	0	1.0977	-37.08	6.50	2.09	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	191
218	CM3	4	1	0	1.0793	-36.67	33.90	-1.20	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	192
219	LN2	4	1	0	1.0587	-37.90	45.29	13.60	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	193
220	CM2	4	1	0	1.0647	-37.78	45.00	4.49	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	194
221	CM1	4	1	0	1.0703	-37.37	12.19	1.89	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	195
223	LP1	4	1	0	1.0653	-35.90	14.29	-1.80	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	196
225	LN1	4	1	0	1.0578	-37.84	14.69	0.20	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	197
226	SPP	4	1	0	1.0653	-35.90	2.09	1.79	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	198
229	TE	4	1	0	1.0529	-32.66	3.40	0.10	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	199
230	LS	4	1	0	1.0797	-34.32	5.59	-2.40	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	200
231	PE	4	1	0	1.0689	-35.43	11.40	-0.60	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	201
232	PC	4	1	0	1.0514	-35.60	15.50	0.70	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	202
233	PL1	4	1	0	1.0462	-34.42	25.89	-4.50	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	203
237	CTG	4	1	0	1.0474	-38.41	7.69	5.80	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	204
241	SKI	2	1	0	1.0091	-41.02	34.90	10.90	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	205
242	PCH	2	1	0	1.0019	-40.69	26.10	4.60	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	206
243	LTK	2	1	0	1.0111	-40.50	0.10	0.10	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	207
244	KK1	2	1	0	1.0583	-34.95	26.80	-1.40	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	208

245	CYP	2	1	0	1.0635	-36.86	15.09	-0.59	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	209
248	BPI	2	1	0	1.0527	-36.44	9.10	0.40	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	210
249	NR1	2	1	0	1.0298	-40.11	40.50	14.90	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	211
250	KNG	2	1	0	1.0178	-40.04	26.90	12.50	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	212
251	PO	2	1	0	1.0544	-37.46	9.10	1.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	213
252	BR	2	1	0	1.0300	-41.96	18.30	2.40	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	214
253	PKC	2	1	0	1.0259	-42.76	10.10	0.40	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	215
254	BNN	2	1	0	1.0542	-37.79	12.10	4.60	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	216
255	RE	2	1	0	1.0540	-35.27	21.09	6.70	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	217
256	PYK	2	1	0	1.0489	-37.65	6.50	0.20	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	218
257	SU	2	1	0	1.0350	-41.66	25.80	1.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	219
258	YT	2	1	0	1.0417	-34.31	12.80	1.20	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	220
259	SS	2	1	0	1.0309	-33.07	17.00	3.70	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	221
260	UB1	2	1	0	1.0230	-32.38	24.00	2.20	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	222
261	UB2	2	1	0	1.0273	-31.29	0.00	0.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	223
262	PMN	2	1	0	1.0134	-31.02	0.00	0.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	224
263	SRD	2	1	0	1.0012	-31.77	5.50	0.80	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	-0.1500	0	225
264	XESET	5	1	0	1.0000	-31.75	0.00	0.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	226
265	HHO	5	1	0	1.0000	-25.18	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	227
266	UB2_230	2	1	0	1.0243	-29.66	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	228
267	AN	2	1	0	1.0356	-34.00	8.60	0.40	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	229
268	MD	2	1	0	1.0188	-33.39	16.40	8.20	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	230
270	POT	2	1	0	1.0493	-35.77	8.20	3.10	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	231
271	NPO2	2	1	0	1.0557	-34.01	0.00	0.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	232
272	NPO1	2	1	0	1.0564	-34.32	18.10	-2.10	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	233
273	UR	2	1	0	1.0532	-34.57	5.00	1.80	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	234
274	CPA	2	1	0	1.0461	-34.90	1.80	-0.90	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	235
275	CLB	2	1	0	1.0343	-34.62	-0.70	0.10	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	236
277	KKU	2	1	0	1.0574	-35.00	5.00	1.80	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	237
278	MK	2	1	0	1.0481	-35.56	18.00	4.60	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	238
279	KK2	2	1	0	1.0579	-35.04	18.70	1.40	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	239
280	KL	2	1	0	1.0585	-34.90	14.00	2.70	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	240
281	SD	2	1	0	1.0602	-34.17	5.00	1.80	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	241
282	SO1	2	1	0	1.0780	-29.40	11.40	-3.80	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	242
283	NP	2	1	0	1.0760	-30.11	1.10	-0.50	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	243
284	SO2	2	1	0	1.0773	-28.33	0.00	0.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	244
285	SO2_230	2	1	0	1.0746	-26.94	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	245
286	TH	2	1	0	1.0238	-32.30	3.70	-0.60	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	246
287	PHK	2	1	0	1.0699	-32.24	12.40	-4.10	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	247
288	UD2	2	1	0	1.0492	-35.49	21.90	-4.80	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	248
289	BKN	2	1	0	1.0750	-33.02	3.80	-0.60	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	249
292	NH	2	1	0	1.0531	-34.83	5.90	0.40	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	250
293	BDG	2	1	0	1.0501	-35.12	5.00	1.80	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	251
294	UD1	2	1	0	1.0460	-35.95	19.90	1.50	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	252
295	NBL	2	1	0	1.0500	-37.99	8.00	-1.80	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	253

296	LE	2	1	0	1.0541	-40.02	14.30	-5.30	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	254
297	NK	2	1	0	1.0285	-36.14	12.20	-0.60	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	255
298	VT	5	1	0	1.0252	-35.64	0.00	0.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	256
301	NNG-H1	5	1	2	1.0000	-35.17	0.00	0.00	0.00	-38.21	115.00	1.0000	100.00	-100.00	0.0000	0.0000	0	257
304	NN	2	1	0	1.0824	-25.73	13.60	2.50	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.1530	0	258
305	NN230	2	1	0	1.0743	-25.26	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	259
306	THB230	5	1	0	1.0508	-21.60	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	260
307	THK230	5	1	0	1.0707	-24.73	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	261
308	BPL	1	1	0	0.9830	-41.62	268.69	58.50	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	262
309	SNO	1	1	0	0.9972	-39.94	146.29	66.89	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	263
312	RS115	1	1	0	1.0000	-40.31	261.99	68.09	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	264
317	KLM	1	1	0	1.0000	-35.57	168.90	110.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	265
318	BWN	1	1	0	1.0000	-29.96	38.00	23.99	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	266
319	KHL	1	1	0	1.0068	-26.59	1.29	0.20	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	267
320	SN4230	1	1	0	1.0276	-36.65	0.00	0.00	0.00	0.00	230.00	0.0000	0.000	0.000	0.0000	0.0000	0	268
322	BSP	1	1	0	1.0513	-36.99	48.39	8.70	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	269
324	SR3	1	1	0	1.0000	-39.17	0.00	0.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	270
325	SDO	3	1	0	1.1059	-51.78	16.69	1.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	271
326	KN	3	1	0	1.1198	-43.54	68.09	-65.99	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	272
327	KN-T1	3	1	2	1.0932	-39.77	0.00	0.00	70.00	-23.00	13.80	1.0000	47.00	-23.00	0.0000	0.0000	0	273
336	RPB-H1	3	1	2	1.0000	-33.96	0.00	0.00	90.00	-30.70	13.80	1.0000	40.00	-34.00	0.0000	0.0000	0	274
337	RPB-H2	3	1	2	1.0000	-33.96	0.00	0.00	90.00	-30.70	13.80	1.0000	40.00	-34.00	0.0000	0.0000	0	275
338	RPB-H3	3	1	2	1.0000	-33.96	0.00	0.00	90.00	-30.70	13.80	1.0000	40.00	-34.00	0.0000	0.0000	0	276
342	MM-T8	4	1	2	1.0638	-30.98	0.00	0.00	150.00	-90.00	18.00	1.0000	200.00	-90.00	0.0000	0.0000	0	277
343	MM-T9	4	1	2	1.0638	-30.98	0.00	0.00	150.00	-90.00	18.00	1.0000	200.00	-90.00	0.0000	0.0000	0	278
344	MM-T10	4	1	2	1.0915	-33.33	0.00	0.00	0.00	0.00	18.00	1.0000	0.00	0.00	0.0000	0.0000	0	279
345	MM-T11	4	1	2	1.0915	-33.33	0.00	0.00	0.00	0.00	18.00	1.0000	0.00	0.00	0.0000	0.0000	0	280
346	MM-T12	4	1	2	1.0915	-33.33	0.00	0.00	0.00	0.00	18.00	1.0000	0.00	0.00	0.0000	0.0000	0	281
347	MM-T13	4	1	2	1.0915	-33.33	0.00	0.00	0.00	0.00	18.00	1.0000	0.00	0.00	0.0000	0.0000	0	282
348	MM-T4	4	1	2	1.0537	-29.64	0.00	0.00	90.00	-50.00	13.80	1.0000	48.00	-50.00	0.0000	0.0000	0	283
349	MM-T5	4	1	2	1.0537	-29.64	0.00	0.00	90.00	-50.00	13.80	1.0000	48.00	-50.00	0.0000	0.0000	0	284
350	MM-T6	4	1	2	1.0537	-29.64	0.00	0.00	90.00	-50.00	13.80	1.0000	48.00	-50.00	0.0000	0.0000	0	285
351	MM-T7	4	1	2	1.0537	-29.64	0.00	0.00	90.00	-50.00	13.80	1.0000	48.00	-50.00	0.0000	0.0000	0	286
352	SK-H4	4	1	2	1.0000	-25.72	0.00	0.00	60.00	-32.07	13.80	1.0000	35.00	-35.00	0.0000	0.0000	0	287
353	SK-H3	4	1	2	1.0000	-25.72	0.00	0.00	60.00	-32.07	13.80	1.0000	35.00	-35.00	0.0000	0.0000	0	288
354	SK-H2	4	1	2	1.0000	-25.72	0.00	0.00	60.00	-32.07	13.80	1.0000	35.00	-35.00	0.0000	0.0000	0	289
355	SK-H1	4	1	2	1.0000	-29.32	0.00	0.00	0.00	-33.96	13.80	1.0000	35.00	-35.00	0.0000	0.0000	0	290
356	BB-H8	4	1	2	1.0000	-24.80	0.00	0.00	60.00	37.50	13.80	1.0000	56.00	-56.00	0.0000	0.0000	0	291
357	BB-H7	4	1	2	1.0320	-24.87	0.00	0.00	60.00	-40.00	13.80	1.0000	35.00	-40.00	0.0000	0.0000	0	292
358	BB-H6	4	1	2	1.0000	-25.35	0.00	0.00	40.00	-24.23	13.20	1.0000	50.00	-50.00	0.0000	0.0000	0	293
359	BB-H4	4	1	2	1.0000	-25.35	0.00	0.00	40.00	-24.23	13.20	1.0000	50.00	-50.00	0.0000	0.0000	0	294
360	BB-H2	4	1	2	1.0000	-25.35	0.00	0.00	40.00	-24.23	13.20	1.0000	50.00	-50.00	0.0000	0.0000	0	295
361	LKB	4	1	0	1.0205	-32.48	3.59	0.60	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	296
364	LKB-G1	4	1	2	1.0000	-31.77	0.00	0.00	3.00	-4.80	11.50	1.0000	8.00	-5.00	0.0000	0.0000	0	297
365	LKB-G10	4	1	2	1.0000	-31.77	0.00	0.00	3.00	-4.80	11.50	1.0000	8.00	-5.00	0.0000	0.0000	0	298

366	LKB-G2	4	1	2	1.0000	-31.77	0.00	0.00	3.00	-4.80	11.50	1.0000	8.00	-5.00	0.0000	0.0000	0	299
367	LKB-G3	4	1	2	1.0000	-31.77	0.00	0.00	3.00	-4.80	11.50	1.0000	8.00	-5.00	0.0000	0.0000	0	300
368	LKB-G4	4	1	2	1.0000	-31.77	0.00	0.00	3.00	-4.80	11.50	1.0000	19.00	-5.00	0.0000	0.0000	0	301
369	LKB-G9	4	1	2	1.0000	-31.77	0.00	0.00	3.00	-4.80	11.50	1.0000	8.00	-9.00	0.0000	0.0000	0	302
370	LKB-G5	4	1	2	1.0000	-31.77	0.00	0.00	3.00	-4.80	10.50	1.0000	19.00	-5.00	0.0000	0.0000	0	303
371	LKB-G6	4	1	2	1.0000	-31.77	0.00	0.00	3.00	-4.80	10.50	1.0000	19.00	-5.00	0.0000	0.0000	0	304
372	LKB-G7	4	1	2	1.0000	-31.77	0.00	0.00	3.00	-4.80	10.50	1.0000	19.00	-9.00	0.0000	0.0000	0	305
373	LKB-G8	4	1	2	1.0000	-31.77	0.00	0.00	3.00	-4.80	10.50	1.0000	16.00	-9.00	0.0000	0.0000	0	306
374	MM1	4	1	0	1.0693	-36.38	20.00	6.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	307
375	KTL	2	1	0	1.0251	-31.88	7.10	1.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	308
379	NPO-C1	2	1	2	1.0000	-26.04	0.00	0.00	180.00	-64.13	13.80	1.0000	135.00	-150.00	0.0000	0.0000	0	309
400	IP1-C1	1	1	2	1.0000	-26.35	0.00	0.00	700.00	7.53	11.00	1.0000	390.00	-60.00	0.0000	0.0000	0	310
403	BPK-C4	1	1	2	1.0057	-34.01	0.00	0.00	0.00	0.00	13.80	1.0000	0.00	0.00	0.0000	0.0000	0	311
406	BPK-C3	1	1	2	1.0057	-34.01	0.00	0.00	0.00	0.00	13.80	1.0000	0.00	0.00	0.0000	0.0000	0	312
407	BPK-T3	1	1	2	1.0057	-34.01	0.00	0.00	0.00	0.00	23.00	1.0000	0.00	0.00	0.0000	0.0000	0	313
408	BPK-T4	1	1	2	1.0057	-34.01	0.00	0.00	0.00	0.00	23.00	1.0000	0.00	0.00	0.0000	0.0000	0	314
413	BPK-C1	1	1	2	1.0000	-21.82	0.00	0.00	320.00	32.75	10.50	1.0000	200.00	-200.00	0.0000	0.0000	0	315
414	BPK-C2	1	1	2	1.0006	-33.86	0.00	0.00	0.00	0.00	10.50	1.0000	0.00	0.00	0.0000	0.0000	0	316
419	BPK-T1	1	1	2	1.0006	-33.86	0.00	0.00	0.00	0.00	22.00	1.0000	0.00	0.00	0.0000	0.0000	0	317
420	BPK-T2	1	1	3	1.0000	-27.21	0.00	0.00	665.57	34.96	22.00	1.0000	300.00	-200.00	0.0000	0.0000	0	318
429	SB-C1	1	1	2	1.0000	-27.74	0.00	0.00	284.01	26.51	11.50	1.0000	150.00	-30.00	0.0000	0.0000	0	319
434	SB-C2	1	1	2	1.0000	-38.41	0.00	0.00	0.00	0.00	15.00	1.0000	0.00	0.00	0.0000	0.0000	0	320
435	SB-T1	1	1	2	1.0000	-36.22	0.00	0.00	100.01	1.90	17.00	1.0000	120.00	-95.00	0.0000	0.0000	0	321
436	SB-T2	1	1	2	1.0000	-36.22	0.00	0.00	100.01	1.90	17.00	1.0000	120.00	-95.00	0.0000	0.0000	0	322
437	SB-T3	1	1	2	1.0000	-35.14	0.00	0.00	180.01	5.12	21.00	1.0000	235.00	-175.00	0.0000	0.0000	0	323
438	SB-T4	1	1	2	1.0000	-38.41	0.00	0.00	0.00	0.00	21.00	1.0000	0.00	0.00	0.0000	0.0000	0	324
439	SB-T5	1	1	2	1.0000	-38.41	0.00	0.00	0.00	0.00	21.00	1.0000	0.00	0.00	0.0000	0.0000	0	325
456	KHL-H3	1	1	2	1.0000	-23.15	0.00	0.00	55.00	-4.83	13.80	1.0000	38.00	-19.00	0.0000	0.0000	0	326
457	KHL-H2	1	1	2	1.0000	-23.64	0.00	0.00	55.00	-6.17	13.80	1.0000	38.00	-19.00	0.0000	0.0000	0	327
458	KHL-H1	1	1	2	1.0000	-23.64	0.00	0.00	55.00	-6.17	13.80	1.0000	38.00	-19.00	0.0000	0.0000	0	328
459	SNR-H1	1	1	2	1.0000	-27.34	0.00	0.00	70.00	-9.60	13.80	1.0000	50.00	-50.00	0.0000	0.0000	0	329
460	SNR-H2	1	1	2	1.0000	-27.34	0.00	0.00	70.00	-9.60	13.80	1.0000	50.00	-50.00	0.0000	0.0000	0	330
461	SNR-H3	1	1	2	1.0000	-27.34	0.00	0.00	70.00	-9.60	13.80	1.0000	50.00	-50.00	0.0000	0.0000	0	331
462	SNR-H4	1	1	2	1.0000	-25.60	0.00	0.00	120.00	-6.40	13.80	1.0000	87.00	-87.00	0.0000	0.0000	0	332
463	SNR-H5	1	1	2	1.0062	-29.58	0.00	0.00	0.00	0.00	13.80	1.0000	0.00	0.00	0.0000	0.0000	0	333
464	TN-H1	1	1	2	1.0000	-31.60	0.00	0.00	10.00	0.97	13.80	1.0000	6.30	-3.00	0.0000	0.0000	0	334
465	TN-H2	1	1	2	1.0000	-31.60	0.00	0.00	10.00	0.97	13.80	1.0000	6.30	-3.00	0.0000	0.0000	0	335
466	RB3_500	1	1	0	1.0389	-34.23	0.00	0.00	0.00	0.00	500.00	0.0000	0.000	0.000	0.0000	0.0000	0	336
467	RB-T1	1	1	2	1.0000	-31.14	0.00	0.00	307.22	-205.59	11.00	1.0000	400.00	-300.00	0.0000	0.0000	0	337
468	RB-T2	1	1	2	1.0000	-31.14	0.00	0.00	307.22	-205.59	11.00	1.0000	400.00	-300.00	0.0000	0.0000	0	338
472	RB-C1	1	1	2	1.0331	-36.00	0.00	0.00	0.00	0.00	18.00	1.0000	0.00	0.00	0.0000	0.0000	0	339
474	RB-C2	1	1	2	1.0331	-36.00	0.00	0.00	0.00	0.00	18.00	1.0000	0.00	0.00	0.0000	0.0000	0	340
475	SKA	2	1	0	1.0355	-41.91	3.30	0.00	0.00	0.00	115.00	0.0000	0.000	0.000	0.0000	0.0000	0	341
476	SRD-H1	2	1	2	1.0000	-31.77	0.00	0.00	0.00	-0.24	6.60	1.0000	6.00	-4.00	0.0000	0.0000	0	342
477	SRD-H2	2	1	2	1.0000	-31.77	0.00	0.00	0.00	-0.24	6.60	1.0000	6.00	-4.00	0.0000	0.0000	0	343

478	SRD-H3	2	1	2	1.0000	-31.77	0.00	0.00	0.00	-0.24	6.60	1.0000	6.00	-4.00	0.0000	0.0000	0	344
479	PMN-H1	2	1	2	1.0000	-31.02	0.00	0.00	0.00	-4.68	6.00	1.0000	25.00	-12.00	0.0000	0.0000	0	345
480	PMN-H2	2	1	2	1.0000	-31.02	0.00	0.00	0.00	-4.68	6.00	1.0000	25.00	-12.00	0.0000	0.0000	0	346
481	PMN-H3	2	1	2	1.0000	-31.02	0.00	0.00	0.00	-4.68	6.00	1.0000	25.00	-12.00	0.0000	0.0000	0	347
482	PMN-H4	2	1	2	1.0000	-31.02	0.00	0.00	0.00	-4.68	6.00	1.0000	25.00	-12.00	0.0000	0.0000	0	348
483	CLB-H1	2	1	2	1.0163	-34.62	0.00	0.00	0.00	-4.50	11.50	1.0000	9.00	-4.50	0.0000	0.0000	0	349
484	CLB-H2	2	1	2	1.0163	-34.62	0.00	0.00	0.00	-4.50	11.50	1.0000	9.00	-4.50	0.0000	0.0000	0	350
485	BLG-H1	3	1	2	1.0229	-39.24	0.00	0.00	30.00	-11.00	13.80	1.0000	10.00	-11.00	0.0000	0.0000	0	351
486	BLG-H2	3	1	2	1.0264	-39.26	0.00	0.00	30.00	-10.00	13.80	1.0000	10.00	-10.00	0.0000	0.0000	0	352
487	BLG-H3	3	1	2	1.0264	-39.26	0.00	0.00	30.00	-10.00	13.80	1.0000	10.00	-10.00	0.0000	0.0000	0	353
490	THB-H1	5	1	2	1.0260	-19.12	0.00	0.00	80.26	-42.00	13.80	1.0000	84.00	-42.00	0.0000	0.0000	306	354
491	THB-H2	5	1	2	1.0260	-19.12	0.00	0.00	80.26	-42.00	13.80	1.0000	84.00	-42.00	0.0000	0.0000	306	355
492	UR-H1	2	1	2	1.0422	-34.57	0.00	0.00	0.00	-1.00	10.00	1.0000	4.00	-1.00	0.0000	0.0000	273	356
493	UR-H2	2	1	2	1.0422	-34.57	0.00	0.00	0.00	-1.00	10.00	1.0000	4.00	-1.00	0.0000	0.0000	273	357
494	UR-H3	2	1	2	1.0422	-34.57	0.00	0.00	0.00	-1.00	10.00	1.0000	4.00	-1.00	0.0000	0.0000	273	358
495	GCC-T1	1	1	2	0.9834	-37.50	0.00	0.00	90.00	-50.34	11.00	1.0000	9900.00	-9900.00	0.0000	0.0000	174	359
496	XESET-H1	5	1	2	0.9991	-31.75	0.00	0.00	0.00	-0.76	11.00	1.0000	6.00	-4.00	0.0000	0.0000	264	360
497	XESET-H2	5	1	2	0.9991	-31.75	0.00	0.00	0.00	-0.76	11.00	1.0000	6.00	-4.00	0.0000	0.0000	264	361
498	XESET-H3	5	1	2	0.9991	-31.75	0.00	0.00	0.00	-0.76	11.00	1.0000	6.00	-4.00	0.0000	0.0000	264	362
499	XESET-H4	5	1	2	0.9991	-31.75	0.00	0.00	0.00	-0.76	11.00	1.0000	6.00	-4.00	0.0000	0.0000	264	363
500	XESET-H5	5	1	2	0.9992	-31.70	0.00	0.00	0.00	-0.76	11.00	1.0000	6.00	-4.00	0.0000	0.0000	264	364
501	HH-H1	5	1	2	0.9786	-23.60	0.00	0.00	46.50	-35.41	17.50	1.0000	35.00	-100.00	0.0000	0.0000	265	365
502	HH-H2	5	1	2	0.9786	-23.60	0.00	0.00	46.50	-35.41	17.50	1.0000	35.00	-100.00	0.0000	0.0000	265	366
503	PPI-T1	1	1	2	1.0175	-39.29	0.00	0.00	59.00	58.39	17.50	1.0000	9900.00	-9900.00	0.0000	0.0000	312	367
504	RP-T1	1	1	2	0.9961	-39.21	0.00	0.00	0.00	-5.30	13.80	1.0000	9900.00	-9900.00	0.0000	0.0000	183	368
505	AMT-T1	1	1	2	1.0390	-35.57	0.00	0.00	0.00	57.64	13.80	1.0000	9900.00	-9900.00	0.0000	0.0000	317	369
506	AEP-T1	1	1	2	1.0382	-33.24	0.00	0.00	60.00	57.64	13.80	1.0000	9900.00	-9900.00	0.0000	0.0000	317	370
507	APP-T1	1	1	2	1.0044	-33.65	0.00	0.00	0.00	5.86	13.80	1.0000	9900.00	-9900.00	0.0000	0.0000	162	371
508	TPS-T1	1	1	2	1.0042	-32.36	0.00	0.00	30.00	5.86	13.80	1.0000	9900.00	-9900.00	0.0000	0.0000	162	372
509	TLP-T1	1	1	2	1.0569	-29.03	0.00	0.00	0.00	19.88	13.80	1.0000	9900.00	-9900.00	0.0000	0.0000	156	373
510	TTP-T1	1	1	2	1.0423	-28.22	0.00	0.00	6.60	19.88	13.80	1.0000	9900.00	-9900.00	0.0000	0.0000	156	374
511	NPC-T1	1	1	2	1.0551	-24.68	0.00	0.00	26.00	19.88	13.80	1.0000	9900.00	-9900.00	0.0000	0.0000	156	375
512	IP-T1	1	1	2	1.0364	-22.07	0.00	0.00	55.00	19.88	13.80	1.0000	9900.00	-9900.00	0.0000	0.0000	156	376
513	IP-T2	1	1	2	1.0364	-22.07	0.00	0.00	55.00	19.88	13.80	1.0000	9900.00	-9900.00	0.0000	0.0000	156	377
514	BCC-T1	1	1	2	1.0205	-21.38	0.00	0.00	90.00	19.88	13.80	1.0000	9900.00	-9900.00	0.0000	0.0000	156	378
515	MTP-T1	1	1	2	0.9990	-27.68	0.00	0.00	49.00	-7.64	13.80	1.0000	9900.00	-9900.00	0.0000	0.0000	7	379
516	MTP-T2	1	1	2	0.9990	-27.68	0.00	0.00	49.00	-7.64	13.80	1.0000	9900.00	-9900.00	0.0000	0.0000	7	380
517	TCC-T1	1	1	2	0.9942	-25.77	0.00	0.00	60.00	-7.64	13.80	1.0000	9900.00	-9900.00	0.0000	0.0000	7	381
518	TCC-T2	1	1	2	0.9942	-25.77	0.00	0.00	60.00	-7.64	13.80	1.0000	9900.00	-9900.00	0.0000	0.0000	7	382
519	COC0-T1	1	1	2	1.0087	-27.86	0.00	0.00	60.00	23.75	13.80	1.0000	9900.00	-9900.00	0.0000	0.0000	155	383
520	COC0-T2	1	1	2	1.0087	-27.86	0.00	0.00	60.00	23.75	13.80	1.0000	9900.00	-9900.00	0.0000	0.0000	155	384
521	SHC-T1	1	1	2	1.0537	-32.20	0.00	0.00	0.00	71.65	13.80	1.0000	9900.00	-9900.00	0.0000	0.0000	147	385
522	LCP-T1	1	1	2	1.0559	-32.20	0.00	0.00	0.00	71.65	13.80	1.0000	9900.00	-9900.00	0.0000	0.0000	147	386
523	NPS-T1	1	1	2	0.9990	-29.06	0.00	0.00	90.00	-3.61	11.00	1.0000	9900.00	-9900.00	0.0000	0.0000	164	387
524	NPS-T2	1	1	2	0.9990	-29.06	0.00	0.00	90.00	-3.61	11.00	1.0000	9900.00	-9900.00	0.0000	0.0000	164	388

525	NPO-C2	2	1	2	1.0000	-26.04	0.00	0.00	180.00	-64.13	13.80	1.0000	135.00	-150.00	0.0000	0.0000	0	389
526	WN-C1	1	1	2	1.0223	-36.91	0.00	0.00	0.00	0.00	15.00	1.0000	0.00	0.00	0.0000	0.0000	0	390
527	WN-C2	1	1	2	1.0223	-36.91	0.00	0.00	0.00	0.00	15.00	1.0000	0.00	0.00	0.0000	0.0000	0	391
528	WN-C3	1	1	2	1.0000	-31.54	0.00	0.00	250.00	-46.40	15.00	1.0000	150.00	-70.00	0.0000	0.0000	0	392
529	KN-C1	3	1	2	1.0977	-43.58	0.00	0.00	0.00	0.00	11.50	1.0000	0.00	0.00	0.0000	0.0000	0	393
530	KN-T2	3	1	2	1.0705	-39.66	0.00	0.00	70.00	-23.00	13.80	1.0000	47.00	-23.00	0.0000	0.0000	0	394
531	RY-C1	1	1	2	1.0000	-19.06	0.00	0.00	250.00	19.84	11.50	1.0000	100.00	-30.00	0.0000	0.0000	0	395
532	RY-C2	1	1	2	1.0004	-28.43	0.00	0.00	0.00	0.00	11.50	1.0000	0.00	0.00	0.0000	0.0000	0	396
533	RY-C3	1	1	2	1.0004	-28.43	0.00	0.00	0.00	0.00	11.50	1.0000	0.00	0.00	0.0000	0.0000	0	397
534	RY-C4	1	1	2	1.0000	-19.06	0.00	0.00	250.00	19.84	11.50	1.0000	100.00	-30.00	0.0000	0.0000	0	398
535	TECO-C1	1	1	2	1.0330	-36.49	0.00	0.00	0.00	0.00	11.50	1.0000	0.00	0.00	0.0000	0.0000	88	399
536	TOP-T1	1	1	2	0.9536	-28.66	0.00	0.00	36.00	-78.63	11.00	1.0000	9900.00	-9900.00	0.0000	0.0000	149	400
537	SPG-T1	1	1	2	0.9246	-28.73	0.00	0.00	35.00	-303.07	11.00	1.0000	9900.00	-9900.00	0.0000	0.0000	6	401
538	TNP-T1	1	1	2	1.0162	-28.07	0.00	0.00	59.00	30.02	11.00	1.0000	9900.00	-9900.00	0.0000	0.0000	318	402
539	SMC-T1	1	1	2	1.0011	-38.41	0.00	0.00	0.00	43.02	11.00	1.0000	9900.00	-9900.00	0.0000	0.0000	59	403
540	NKC-T1	1	1	2	0.9577	-37.07	0.00	0.00	59.00	-67.89	15.00	1.0000	9900.00	-9900.00	0.0000	0.0000	189	404
541	BB-H5	1	1	2	1.0000	-25.35	0.00	0.00	40.00	-24.23	13.20	1.0000	50.00	-50.00	0.0000	0.0000	0	405
542	BB-H3	1	1	2	1.0000	-25.35	0.00	0.00	40.00	-24.23	13.20	1.0000	50.00	-50.00	0.0000	0.0000	0	406
543	BB-H1	1	1	2	1.0000	-25.35	0.00	0.00	40.00	-24.23	13.20	1.0000	50.00	-50.00	0.0000	0.0000	0	407
544	BLCP-C1	1	1	2	1.0000	-28.17	0.00	0.00	200.00	-99.72	230.00	1.0000	9900.00	-9900.00	0.0000	0.0000	0	408
545	BLCP-C2	1	1	2	1.0000	-28.17	0.00	0.00	200.00	-99.72	230.00	1.0000	9900.00	-9900.00	0.0000	0.0000	0	409
546	BW-C1	1	1	2	1.0007	-29.47	0.00	0.00	0.00	0.00	230.00	1.0000	0.00	0.00	0.0000	0.0000	0	410
547	EDL-H1	1	1	2	1.0000	-35.17	0.00	0.00	0.00	0.00	115.00	1.0000	9900.00	-9900.00	0.0000	0.0000	0	411
548	EPEC-C1	1	1	2	1.0000	-32.14	0.00	0.00	100.00	-0.07	230.00	1.0000	9900.00	-9900.00	0.0000	0.0000	0	412
549	GULF-C1	1	1	2	1.0000	-32.47	0.00	0.00	100.00	-118.17	230.00	1.0000	9900.00	-9900.00	0.0000	0.0000	0	413
550	GULF-C2	1	1	2	1.0000	-32.47	0.00	0.00	100.00	-118.17	230.00	1.0000	9900.00	-9900.00	0.0000	0.0000	0	414
552	KA-C1	1	1	2	1.0000	-25.47	0.00	0.00	90.00	-29.73	230.00	1.0000	9900.00	-9900.00	0.0000	0.0000	0	415
553	KA-C2	1	1	2	1.0000	-25.47	0.00	0.00	90.00	-29.73	230.00	1.0000	9900.00	-9900.00	0.0000	0.0000	0	416
554	RB-C3	1	1	2	1.0331	-36.00	0.00	0.00	0.00	0.00	230.00	1.0000	0.00	0.00	0.0000	0.0000	0	417
555	UNION-C1	1	1	2	1.0469	-34.71	0.00	0.00	0.00	0.00	500.00	1.0000	0.00	0.00	0.0000	0.0000	0	418
556	UNION-C2	1	1	2	1.0469	-34.71	0.00	0.00	0.00	0.00	500.00	1.0000	0.00	0.00	0.0000	0.0000	0	419
557	TPS-T2	1	1	2	1.0000	-35.47	0.00	0.00	4.20	-0.01	115.00	1.0000	9900.00	-9900.00	0.0000	0.0000	0	420
570	PDA	1	1	0	1.0407	-32.36	0.00	0.00	0.00	0.00	500.00	0.0000	0.000	0.000	0.0000	0.0000	0	421
571	BSP2	1	1	0	1.0456	-34.55	0.00	0.00	0.00	0.00	500.00	0.0000	0.000	0.000	0.0000	0.0000	0	422
572	572	1	1	0	1.0365	-32.04	0.00	0.00	0.00	0.00	500.00	0.0000	0.000	0.000	0.0000	0.0000	0	423
573	573	1	1	0	1.0469	-34.71	0.00	0.00	0.00	0.00	500.00	0.0000	0.000	0.000	0.0000	0.0000	0	424

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BRANCH DATA FOLLOWS										744 ITEMS (HEADER)											
1	2	1	0	1	0	0.005029	0.037829	0.07913	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	1
2	1	1	0	2	0	0.005030	0.037830	0.07910	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	2
2	1	1	0	3	0	0.005206	0.038577	0.08753	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	3
2	1	1	0	4	0	0.005210	0.038580	0.08750	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	4
3	1	1	0	1	0	0.003790	0.039490	0.16670	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	5
3	1	1	0	2	0	0.003790	0.039490	0.16670	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	6
1	68	1	0	1	0	0.002810	0.029710	0.12120	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	7

1	69	1	0	1	0	0.002810	0.029710	0.12120	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	8
1	70	1	0	1	0	0.002070	0.022580	0.08360	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	9
71	1	1	0	1	0	0.002070	0.022580	0.08360	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	10
144	1	1	0	1	2	0.000600	0.052580	0.000000	200	0	0	144	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	11
144	1	1	0	2	2	0.000600	0.052580	0.000000	200	0	0	144	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	12
403	1	1	0	1	2	0.000000	0.065200	0.000000	600	0	0	403	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	13
406	1	1	0	1	2	0.000000	0.065200	0.000000	600	0	0	406	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	14
1	407	1	0	1	2	0.000000	0.017400	0.000000	680	0	0	1	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	15
408	1	1	0	1	2	0.000000	0.017400	0.000000	680	0	0	408	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	16
2	4	1	0	1	0	0.002860	0.020690	0.04640	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	17
2	4	1	0	2	0	0.002860	0.020690	0.04640	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	18
2	5	1	0	1	0	0.005110	0.036970	0.08290	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	19
2	5	1	0	2	0	0.005110	0.036970	0.08290	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	20
2	91	1	0	1	0	0.000160	0.001650	0.00700	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	21
2	91	1	0	2	0	0.000160	0.001650	0.00700	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	22
2	147	1	0	1	2	0.000600	0.062750	0.000000	200	0	0	2	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	23
147	2	1	0	2	2	0.000600	0.062750	0.000000	200	0	0	147	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	24
147	2	1	0	3	2	0.000600	0.062750	0.000000	200	0	0	147	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	25
149	2	1	0	1	0	0.000160	0.001650	0.00700	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	26
149	2	1	0	2	0	0.000160	0.001650	0.00700	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	27
3	166	1	0	1	2	0.000600	0.062750	0.000000	200	0	0	3	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	28
3	166	1	0	2	2	0.000600	0.062750	0.000000	200	0	0	3	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	29
4	5	1	0	1	0	0.004420	0.031940	0.07160	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	30
5	4	1	0	2	0	0.004420	0.031940	0.07160	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	31
4	318	1	0	1	2	0.000600	0.062750	0.000000	200	0	0	4	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	32
4	318	1	0	2	2	0.000600	0.062750	0.000000	200	0	0	4	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	33
4	318	1	0	3	2	0.000600	0.062750	0.000000	200	0	0	4	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	34
546	4	1	0	1	2	0.000000	0.038000	0.000000	1000	0	0	546	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	35
5	6	1	0	1	0	0.000650	0.006710	0.02833	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	36
5	6	1	0	2	0	0.000650	0.006710	0.02833	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	37
5	7	1	0	1	0	0.000610	0.006400	0.02700	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	38
7	5	1	0	2	0	0.000610	0.006400	0.02700	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	39
156	5	1	0	1	2	0.000600	0.068500	0.000000	200	0	0	156	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	40
5	156	1	0	2	2	0.000600	0.068500	0.000000	200	0	0	5	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	41
5	156	1	0	3	2	0.000600	0.068500	0.000000	200	0	0	5	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	42
5	156	1	0	4	2	0.000600	0.068500	0.000000	200	0	0	5	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	43
531	5	1	0	1	2	0.000000	0.065200	0.000000	540	0	0	531	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	44
532	5	1	0	1	2	0.000000	0.065200	0.000000	540	0	0	532	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	45
533	5	1	0	1	2	0.000000	0.065200	0.000000	540	0	0	533	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	46
534	5	1	0	1	2	0.000000	0.065200	0.000000	540	0	0	534	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	47
6	537	1	0	1	2	0.000000	0.023000	0.000000	120	0	0	6	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	48
572	6	1	0	1	2	0.001400	0.022310	0.000000	600	0	0	572	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	49
572	6	1	0	2	2	0.001400	0.022310	0.000000	600	0	0	572	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	50
515	7	1	0	1	2	0.000000	0.012500	0.000000	1000	0	0	515	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	51
516	7	1	0	1	2	0.000000	0.012500	0.000000	1000	0	0	516	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	52

517	7	1	0	1	2	0.000000	0.065200	0.000000	1000	0	0	517	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	53	
518	7	1	0	1	2	0.000000	0.065200	0.000000	1000	0	0	518	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	54	
	8	9	4	0	1	0	0.002600	0.032600	3.50410	2834	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	55
	8	9	4	0	2	0	0.002600	0.032600	3.50410	2834	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	56
	8	9	4	0	3	0	0.002600	0.035890	3.34400	2833	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	57
	8	12	4	0	1	2	0.001400	0.022310	0.000000	600	0	0	8	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	58
	8	342	4	0	1	2	0.000000	0.031700	0.000000	370	0	0	8	0	1.0400	0.00	0.9000	1.1000	.00625	0.9900	1.0000	59
	8	343	4	0	1	2	0.000000	0.031700	0.000000	370	0	0	8	0	1.0400	0.00	0.9000	1.1000	.00625	0.9900	1.0000	60
	8	344	4	0	1	2	0.000000	0.031700	0.000000	370	0	0	8	0	1.0400	0.00	0.9000	1.1000	.00625	0.9900	1.0000	61
	8	345	4	0	1	2	0.000000	0.031700	0.000000	370	0	0	8	0	1.0400	0.00	0.9000	1.1000	.00625	0.9900	1.0000	62
	8	346	4	0	1	2	0.000000	0.031700	0.000000	370	0	0	8	0	1.0400	0.00	0.9000	1.1000	.00625	0.9900	1.0000	63
	8	347	4	0	1	2	0.000000	0.031700	0.000000	370	0	0	8	0	1.0400	0.00	0.9000	1.1000	.00625	0.9900	1.0000	64
10	9	1	0	1	0	0.001380	0.016460	1.83369	2834	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	65	
	9	10	4	0	2	0	0.001380	0.016460	1.83370	2834	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	66
	9	11	4	0	1	0	0.001690	0.022880	2.13190	2834	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	67
	9	18	4	0	1	2	0.001400	0.022310	0.000000	600	0	0	9	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	68
	9	18	4	0	2	2	0.001400	0.022310	0.000000	600	0	0	9	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	69
	9	18	4	0	3	2	0.001400	0.022310	0.000000	600	600	600	9	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	70
11	10	1	0	1	0	0.000420	0.005450	0.50920	2834	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	71	
11	10	1	0	2	0	0.000440	0.005210	0.57660	2834	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	72	
11	10	1	0	3	0	0.000440	0.005210	0.57660	2834	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	73	
10	11	1	0	4	0	0.000420	0.005450	0.50920	2834	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	74	
10	48	1	0	1	0	0.000510	0.006010	0.66530	2834	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	75	
10	48	1	0	2	0	0.000510	0.006010	0.66530	2834	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	76	
53	10	1	0	1	2	0.001400	0.022310	0.000000	600	0	0	53	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	77	
53	10	1	0	2	2	0.001400	0.022310	0.000000	600	0	0	53	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	78	
11	70	1	0	1	2	0.001400	0.022310	0.000000	600	0	0	11	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	79	
11	71	1	0	1	2	0.001400	0.022310	0.000000	600	0	0	11	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	80	
11	570	1	0	1	0	0.000560	0.010200	1.15660	3734	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	81	
11	570	1	0	2	0	0.000560	0.010200	1.15660	3734	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	82	
12	13	4	0	1	0	0.015930	0.118750	0.24280	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	83	
12	13	4	0	2	0	0.015930	0.118750	0.24280	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	84	
19	12	4	0	1	0	0.011720	0.084800	0.18670	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	85	
19	12	4	0	2	0	0.011720	0.084800	0.18670	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	86	
20	12	4	0	1	0	0.019960	0.157040	0.29590	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	87	
20	12	4	0	2	0	0.019960	0.157040	0.29590	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	88	
210	12	4	0	1	2	0.000600	0.067530	0.000000	200	0	0	210	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	89	
210	12	4	0	2	2	0.001400	0.140800	0.000000	120	0	0	210	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	90	
210	12	4	0	3	2	0.000600	0.067530	0.000000	120	0	0	210	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	91	
	12	348	4	0	1	2	0.000000	0.073100	0.000000	171	0	0	12	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	92
	12	349	4	0	1	2	0.000000	0.073100	0.000000	171	0	0	12	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	93
	12	350	4	0	1	2	0.000000	0.073100	0.000000	171	0	0	12	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	94
	12	351	4	0	1	2	0.000000	0.073100	0.000000	171	0	0	12	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	95
14	13	4	0	1	0	0.018060	0.090820	0.16710	358	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	96	
14	13	4	0	2	0	0.018060	0.090820	0.16710	358	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	97	

13	15	4	0	1	0	0.021430	0.107750	0.19820	326	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	98
13	15	4	0	2	0	0.021430	0.107750	0.19820	326	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	99
13	21	4	0	1	0	0.012080	0.090040	0.18410	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	100
13	21	4	0	2	0	0.012080	0.090040	0.18410	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	101
204	13	4	0	1	2	0.001400	0.063000	0.00000	200	0	0	204	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	102
14	207	4	0	1	2	0.001400	0.166850	0.00000	67	0	0	14	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	103
14	207	4	0	2	2	0.001400	0.166850	0.00000	67	0	0	14	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	104
352	14	4	0	1	2	0.000000	0.108400	0.00000	150	0	0	352	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	105
353	14	4	0	1	2	0.000000	0.108400	0.00000	150	0	0	353	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	106
354	14	4	0	1	2	0.000000	0.108400	0.00000	150	0	0	354	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	107
355	14	4	0	1	2	0.000000	0.108400	0.00000	150	0	0	355	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	108
16	15	4	0	1	0	0.021560	0.166650	0.32530	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	109
16	15	4	0	2	0	0.021560	0.166650	0.32530	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	110
17	15	4	0	1	0	0.015990	0.128430	0.23790	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	111
15	18	4	0	1	0	0.004970	0.035420	0.07180	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	112
15	18	4	0	2	0	0.004970	0.035420	0.07180	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	113
15	46	4	0	1	0	0.009880	0.076260	0.15030	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	114
15	46	4	0	2	0	0.009880	0.076260	0.15030	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	115
15	195	4	0	1	2	0.001400	0.063000	0.00000	200	0	0	15	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	116
15	195	4	0	2	2	0.001400	0.063000	0.00000	200	0	0	15	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	117
16	17	4	0	1	0	0.005460	0.043840	0.08120	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	118
16	199	4	0	1	2	0.001400	0.141700	0.00000	60	0	0	16	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	119
16	199	4	0	2	2	0.001400	0.141700	0.00000	60	0	0	16	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	120
16	356	4	0	1	2	0.000000	0.060200	0.00000	180	0	0	16	0	1.0400	0.00	0.9000	1.1000	.00625	0.9900	1.0000	121
357	16	4	0	1	2	0.000000	0.060200	0.00000	174	0	0	357	0	1.0400	0.00	0.9000	1.1000	.00625	0.9900	1.0000	122
358	16	4	0	1	2	0.000000	0.069500	0.00000	174	0	0	358	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	123
359	16	4	0	1	2	0.000000	0.069500	0.00000	174	0	0	359	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	124
360	16	4	0	1	2	0.000000	0.069500	0.00000	174	0	0	360	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	125
541	16	1	0	1	2	0.000000	0.069500	0.00000	174	0	0	541	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	126
542	16	1	0	1	2	0.000000	0.069500	0.00000	174	0	0	542	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	127
543	16	1	0	1	2	0.000000	0.069500	0.00000	174	0	0	543	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	128
18	23	4	0	1	0	0.015900	0.116880	0.26300	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	129
18	23	4	0	2	0	0.015900	0.116880	0.26300	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	130
18	49	4	0	1	0	0.006450	0.068250	0.27846	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	131
18	49	4	0	2	0	0.006450	0.068250	0.27846	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	132
18	51	4	0	1	0	0.014530	0.105050	0.23540	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	133
18	51	4	0	2	0	0.014530	0.105050	0.23540	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	134
192	18	4	0	1	2	0.000600	0.066000	0.00000	200	0	0	192	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	135
192	18	4	0	2	2	0.000600	0.065100	0.00000	200	0	0	192	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	136
218	19	4	0	1	2	0.000000	0.065100	0.00000	120	0	0	218	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	137
218	19	4	0	2	2	0.000000	0.065100	0.00000	120	0	0	218	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	138
215	20	4	0	1	2	0.000000	0.252400	0.00000	50	0	0	215	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	139
215	20	4	0	2	2	0.000000	0.252400	0.00000	50	0	0	215	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	140
21	22	4	0	1	0	0.017400	0.126400	0.27970	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	141
21	22	4	0	2	0	0.017400	0.126400	0.27970	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	142

230	21	4	0	1	2	0.001400	0.141700	0.000000	100	0	0	230	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	143
230	21	4	0	2	2	0.001400	0.141700	0.000000	100	0	0	230	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	144
22	23	2	0	1	0	0.009780	0.069430	0.15570	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	145
22	23	2	0	2	0	0.009780	0.069430	0.15570	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	146
22	25	2	0	1	0	0.001000	0.007200	0.01580	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	147
22	25	2	0	2	0	0.001000	0.007200	0.01580	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	148
22	26	2	0	1	0	0.011400	0.082600	0.18200	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	149
26	22	2	0	2	0	0.011400	0.082600	0.18200	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	150
22	72	2	0	1	0	0.001700	0.017600	0.07380	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	151
22	72	2	0	2	0	0.001700	0.017600	0.07380	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	152
23	24	2	0	1	0	0.010480	0.074390	0.16734	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	153
23	24	2	0	2	0	0.010480	0.074390	0.16730	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	154
23	245	2	0	1	2	0.000600	0.065100	0.000000	200	0	0	23	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	155
23	245	2	0	2	2	0.000600	0.065100	0.000000	200	0	0	23	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	156
50	24	1	0	1	0	0.011890	0.086510	0.18920	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	157
50	24	1	0	2	0	0.011890	0.086510	0.18920	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	158
24	175	2	0	1	2	0.000600	0.065100	0.000000	200	0	0	24	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	159
24	175	2	0	2	2	0.000600	0.065100	0.000000	200	0	0	24	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	160
24	175	2	0	3	2	0.000600	0.065100	0.000000	200	0	0	24	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	161
25	244	2	0	1	2	0.000600	0.066000	0.000000	200	0	0	25	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	162
25	244	2	0	2	2	0.000600	0.066000	0.000000	200	0	0	25	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	163
25	244	2	0	3	2	0.000600	0.066000	0.000000	200	0	0	25	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	164
26	255	2	0	1	2	0.000600	0.065100	0.000000	200	0	0	26	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	165
26	255	2	0	2	2	0.000600	0.065100	0.000000	200	0	0	26	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	166
26	255	2	0	3	2	0.000600	0.065100	0.000000	200	0	0	26	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	167
28	27	1	0	1	0	0.008280	0.065170	0.12280	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	168
28	27	1	0	2	0	0.008280	0.065170	0.12280	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	169
27	319	1	0	1	2	0.001400	0.164470	0.000000	67	0	0	27	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	170
27	319	1	0	2	2	0.001400	0.164470	0.000000	67	0	0	27	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	171
456	27	1	0	1	2	0.000000	0.108000	0.000000	111	0	0	456	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	172
457	27	1	0	1	2	0.000000	0.092300	0.000000	111	0	0	457	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	173
458	27	1	0	1	2	0.000000	0.092300	0.000000	111	0	0	458	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	174
28	29	1	0	1	0	0.010820	0.085120	0.16040	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	175
28	29	1	0	2	0	0.010820	0.085120	0.16040	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	176
28	29	1	0	3	0	0.010900	0.085740	0.16158	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	177
28	29	1	0	4	0	0.010900	0.085740	0.16160	477	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	178
142	28	1	0	1	2	0.001400	0.142830	0.000000	100	0	0	142	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	179
459	28	1	0	1	2	0.000000	0.056100	0.000000	150	0	0	459	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	180
460	28	1	0	1	2	0.000000	0.056100	0.000000	150	0	0	460	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	181
461	28	1	0	1	2	0.000000	0.056100	0.000000	150	0	0	461	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	182
462	28	1	0	1	2	0.000000	0.058200	0.000000	220	0	0	462	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	183
463	28	1	0	1	2	0.000000	0.058200	0.000000	220	0	0	463	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	184
47	29	1	0	1	0	0.005340	0.042010	0.07920	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	185
47	29	1	0	2	0	0.005340	0.042010	0.07920	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	186
137	29	1	0	1	2	0.000000	0.072500	0.000000	200	0	0	137	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	187

137	29	1	0	2	2	0.000000	0.072500	0.000000	200	0	0	137	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	188
137	29	1	0	3	2	0.000000	0.072500	0.000000	200	0	0	137	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	189
30	31	1	0	1	0	0.011020	0.086700	0.16339	430	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	190
30	31	1	0	2	0	0.011020	0.086700	0.16340	430	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	191
44	30	1	0	1	0	0.000580	0.010850	0.05508	1718	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	192
44	30	1	0	2	0	0.000580	0.010850	0.05510	1718	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	193
30	88	1	0	1	0	0.000340	0.003520	0.01490	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	194
88	30	1	0	2	0	0.000340	0.003520	0.01490	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	195
30	127	1	0	1	2	0.000600	0.071630	0.000000	200	0	0	30	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	196
30	127	1	0	2	2	0.000600	0.071630	0.000000	200	0	0	30	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	197
31	32	1	0	1	0	0.008620	0.067830	0.12780	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	198
31	32	1	0	2	0	0.008620	0.067830	0.12780	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	199
31	123	1	0	1	2	0.000600	0.072500	0.000000	200	0	0	31	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	200
31	123	1	0	2	2	0.000600	0.072500	0.000000	200	0	0	31	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	201
32	33	1	0	1	0	0.005870	0.046220	0.08710	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	202
32	33	1	0	2	0	0.005870	0.046220	0.08710	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	203
32	93	1	0	1	2	0.001400	0.137500	0.000000	100	0	0	32	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	204
32	93	1	0	2	2	0.001400	0.137500	0.000000	100	0	0	32	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	205
34	33	3	0	1	0	0.028710	0.225860	0.42560	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	206
34	33	3	0	2	0	0.028710	0.225860	0.42560	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	207
33	322	1	0	1	2	0.000600	0.072500	0.000000	200	0	0	33	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	208
33	322	1	0	2	2	0.000600	0.072500	0.000000	200	0	0	33	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	209
573	33	1	0	1	2	0.001400	0.022310	0.000000	600	0	0	573	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	210
573	33	1	0	2	2	0.001400	0.022310	0.000000	600	0	0	573	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	211
34	35	3	0	1	0	0.005120	0.040290	0.07593	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	212
34	35	3	0	2	0	0.005120	0.040290	0.07590	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	213
34	36	3	0	1	0	0.007630	0.060060	0.11320	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	214
34	36	3	0	2	0	0.007630	0.060060	0.11320	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	215
34	40	3	0	1	0	0.006080	0.058850	0.28520	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	216
34	40	3	0	2	0	0.006080	0.058850	0.28520	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	217
94	34	3	0	1	2	0.001400	0.140500	0.000000	100	0	0	94	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	218
94	34	3	0	2	2	0.001400	0.140500	0.000000	100	0	0	94	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	219
94	34	3	0	3	2	0.001400	0.140500	0.000000	100	0	0	94	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	220
35	103	3	0	1	2	0.000600	0.072790	0.000000	200	0	0	35	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	221
35	103	3	0	2	2	0.000600	0.072790	0.000000	1000	0	0	35	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	222
336	35	3	0	1	2	0.000000	0.132600	0.000000	82	0	0	336	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	223
337	35	3	0	1	2	0.000000	0.132600	0.000000	82	0	0	337	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	224
338	35	3	0	1	2	0.000000	0.132600	0.000000	82	0	0	338	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	225
36	37	3	0	1	0	0.009740	0.076620	0.14440	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	226
36	37	3	0	2	0	0.009740	0.076620	0.14440	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	227
36	326	3	0	1	2	0.001400	0.131000	0.000000	100	0	0	36	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	228
36	326	3	0	2	2	0.001400	0.131000	0.000000	100	0	0	36	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	229
36	529	3	0	1	2	0.000000	0.065200	0.000000	1000	0	0	36	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	230
530	36	3	0	1	2	0.000000	0.114900	0.000000	88	0	0	530	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	231
37	38	3	0	1	0	0.008940	0.070360	0.13260	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	232

37	38	3	0	2	0	0.008940	0.070360	0.13260	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	233
37	107	3	0	1	2	0.000000	0.252400	0.000000	50	0	0	37	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	234
37	107	3	0	2	2	0.000000	0.252400	0.000000	50	0	0	37	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	235
38	39	3	0	1	0	0.008790	0.069180	0.13040	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	236
38	39	3	0	2	0	0.008790	0.069180	0.13040	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	237
109	38	3	0	1	2	0.000600	0.072790	0.000000	200	0	0	109	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	238
41	39	3	0	1	0	0.001500	0.015570	0.06580	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	239
41	39	3	0	2	0	0.001500	0.015570	0.06580	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	240
39	112	3	0	1	2	0.000600	0.072790	0.000000	200	0	0	39	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	241
39	112	3	0	2	2	0.000600	0.072790	0.000000	200	0	0	39	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	242
112	39	3	0	3	2	0.000600	0.072790	0.000000	200	0	0	112	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	243
40	41	3	0	1	0	0.010170	0.105890	0.44710	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	244
41	40	3	0	2	0	0.010170	0.105890	0.44710	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	245
40	104	3	0	1	2	0.000600	0.072790	0.000000	200	0	0	40	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	246
40	104	3	0	2	2	0.000600	0.072790	0.000000	200	0	0	40	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	247
44	320	1	0	1	0	0.001790	0.018580	0.07846	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	248
44	320	1	0	2	0	0.001790	0.018580	0.07850	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	249
466	44	1	0	1	2	0.001400	0.022310	0.000000	600	0	0	466	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	250
466	44	1	0	2	2	0.001400	0.022310	0.000000	600	0	0	466	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	251
472	44	1	0	1	2	0.000000	0.063000	0.000000	840	0	0	472	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	252
474	44	1	0	1	2	0.000000	0.063000	0.000000	840	0	0	474	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	253
554	44	1	0	1	2	0.000000	0.038000	0.000000	1000	0	0	554	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	254
48	45	1	0	1	0	0.000560	0.010200	1.15660	3734	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	255
48	45	1	0	2	0	0.000560	0.010200	1.15660	3734	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	256
45	466	1	0	1	0	0.000140	0.002640	0.29970	3734	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	257
45	466	1	0	2	0	0.000140	0.002640	0.29970	3734	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	258
45	571	1	0	1	0	0.000560	0.010200	1.15660	3734	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	259
45	571	1	0	2	0	0.000560	0.010200	1.15660	3434	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	260
46	47	1	0	1	0	0.006970	0.050420	0.11300	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	261
46	47	1	0	2	0	0.006970	0.050420	0.11300	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	262
46	49	1	0	1	0	0.005120	0.037030	0.08300	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	263
46	49	1	0	2	0	0.005120	0.037030	0.08300	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	264
46	171	1	0	1	2	0.000600	0.062050	0.000000	200	0	0	46	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	265
46	171	1	0	2	2	0.000600	0.062050	0.000000	200	0	0	46	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	266
48	47	1	0	1	2	0.001400	0.022310	0.000000	600	0	0	48	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	267
48	47	1	0	2	2	0.001400	0.022310	0.000000	750	0	0	48	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	268
48	47	1	0	3	2	0.001400	0.022310	0.000000	600	0	0	48	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	269
61	47	1	0	1	0	0.000740	0.013810	0.07010	1718	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	270
61	47	1	0	2	0	0.000740	0.013810	0.07010	1718	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	271
47	309	1	0	1	2	0.000600	0.070500	0.000000	180	0	0	47	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	272
47	309	1	0	2	2	0.000600	0.070500	0.000000	180	0	0	47	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	273
49	50	1	0	1	0	0.003050	0.022070	0.04950	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	274
49	50	1	0	2	0	0.003050	0.022070	0.04950	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	275
49	173	1	0	1	2	0.000600	0.065100	0.000000	200	0	0	49	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	276
49	173	1	0	2	2	0.000600	0.065100	0.000000	200	0	0	49	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	277

49	173	1	0	3	2	0.000600	0.065100	0.000000	200	0	0	49	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	278
49	173	1	0	4	2	0.000600	0.065100	0.000000	200	0	0	49	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	279
50	174	1	0	1	2	0.000600	0.067530	0.000000	200	0	0	50	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	280
50	174	1	0	2	2	0.000600	0.067530	0.000000	200	0	0	50	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	281
50	174	1	0	3	2	0.000600	0.067530	0.000000	200	0	0	50	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	282
51	52	1	0	1	0	0.004870	0.035180	0.07880	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	283
51	52	1	0	2	0	0.004870	0.035180	0.07880	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	284
51	176	1	0	1	2	0.000600	0.067530	0.000000	120	0	0	51	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	285
51	176	1	0	2	2	0.000600	0.067530	0.000000	120	0	0	51	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	286
52	53	1	0	1	0	0.001290	0.013650	0.05570	858	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	287
52	53	1	0	2	0	0.001290	0.013650	0.05570	858	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	288
52	183	1	0	1	2	0.000600	0.067530	0.000000	200	0	0	52	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	289
52	183	1	0	2	2	0.000600	0.067530	0.000000	200	0	0	52	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	290
52	183	1	0	3	2	0.000600	0.067530	0.000000	200	0	0	52	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	291
52	183	1	0	4	2	0.000600	0.067530	0.000000	200	0	0	52	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	292
53	54	1	0	1	0	0.002490	0.026250	0.10710	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	293
53	54	1	0	2	0	0.002490	0.026250	0.10711	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	294
53	54	1	0	3	0	0.002490	0.026250	0.10711	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	295
53	54	1	0	4	0	0.002490	0.026250	0.10710	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	296
526	53	1	0	1	2	0.000000	0.038300	0.000000	900	0	0	526	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	297
527	53	1	0	1	2	0.000000	0.038300	0.000000	900	0	0	527	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	298
528	53	1	0	1	2	0.000000	0.038300	0.000000	900	0	0	528	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	299
54	55	1	0	1	0	0.003650	0.038560	0.15730	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	300
54	55	1	0	2	0	0.003650	0.038560	0.15730	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	301
54	64	1	0	1	0	0.000200	0.003750	0.01901	1718	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	302
54	64	1	0	2	0	0.000200	0.003750	0.01901	1718	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	303
54	312	1	0	1	2	0.000600	0.064500	0.000000	200	0	0	54	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	304
54	312	1	0	2	2	0.000600	0.064500	0.000000	200	0	0	54	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	305
54	312	1	0	3	2	0.000600	0.070500	0.000000	200	0	0	54	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	306
54	312	1	0	4	2	0.000600	0.064500	0.000000	200	0	0	54	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	307
56	55	1	0	1	0	0.000400	0.004200	0.01730	858	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	308
56	55	1	0	2	0	0.000400	0.004200	0.01730	858	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	309
55	317	1	0	1	2	0.000600	0.062750	0.000000	200	0	0	55	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	310
55	317	1	0	2	2	0.000600	0.062750	0.000000	200	0	0	55	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	311
55	317	1	0	3	2	0.000600	0.062750	0.000000	200	0	0	55	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	312
548	55	1	0	1	2	0.000000	0.038000	0.000000	1000	0	0	548	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	313
56	57	1	0	1	0	0.002200	0.023200	0.09450	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	314
56	57	1	0	2	0	0.002200	0.023200	0.09450	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	315
413	56	1	0	1	2	0.000000	0.065200	0.000000	829	0	0	413	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	316
414	56	1	0	1	2	0.000000	0.065200	0.000000	829	0	0	414	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	317
56	419	1	0	1	2	0.000000	0.017400	0.000000	680	0	0	56	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	318
56	420	1	0	1	2	0.000000	0.017400	0.000000	680	0	0	56	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	319
57	58	1	0	1	0	0.000270	0.002840	0.01200	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	320
57	58	1	0	2	0	0.000270	0.002840	0.01200	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	321
57	68	1	0	1	0	0.001140	0.008220	0.01840	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	322

57	69	1	0	1	0	0.001140	0.008220	0.01843	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	323
308	57	1	0	1	2	0.000600	0.070350	0.00000	200	0	0	308	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	324
57	308	1	0	2	2	0.000600	0.070350	0.00000	200	0	0	57	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	325
57	308	1	0	3	2	0.000600	0.070350	0.00000	200	0	0	57	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	326
59	58	1	0	1	0	0.000570	0.005940	0.02508	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	327
59	58	1	0	2	0	0.000570	0.005940	0.02510	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	328
59	60	1	0	1	0	0.000780	0.008280	0.03380	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	329
59	60	1	0	2	0	0.000760	0.007850	0.03270	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	330
60	59	1	0	3	0	0.000780	0.008280	0.03380	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	331
429	59	1	0	1	2	0.000000	0.065200	0.00000	600	0	0	429	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	332
434	59	1	0	1	2	0.000000	0.065200	0.00000	979	0	0	434	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	333
435	59	1	0	1	2	0.000000	0.038300	0.00000	225	0	0	435	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	334
436	59	1	0	1	2	0.000000	0.038300	0.00000	225	0	0	436	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	335
437	59	1	0	1	2	0.000000	0.031700	0.00000	370	0	0	437	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	336
438	59	1	0	1	2	0.000000	0.031700	0.00000	370	0	0	438	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	337
439	59	1	0	1	2	0.000000	0.031700	0.00000	370	0	0	439	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	338
59	539	1	0	1	2	0.000000	0.002500	0.00000	200	0	0	59	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	339
61	60	1	0	1	0	0.000350	0.003680	0.01499	907	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	340
61	60	1	0	2	0	0.000350	0.003680	0.01500	907	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	341
62	60	1	0	1	0	0.000900	0.009410	0.03971	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	342
62	61	1	0	1	0	0.000600	0.006250	0.02640	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	343
62	134	1	0	1	2	0.000600	0.072500	0.00000	200	0	0	62	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	344
62	134	1	0	2	2	0.000600	0.072500	0.00000	200	0	0	62	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	345
62	134	1	0	3	2	0.000600	0.072500	0.00000	200	0	0	62	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	346
62	134	1	0	4	2	0.000600	0.072500	0.00000	200	0	0	62	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	347
64	63	1	0	1	0	0.000350	0.003610	0.01525	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	348
65	63	1	0	1	0	0.000130	0.001320	0.00558	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	349
64	65	1	0	1	0	0.000480	0.005010	0.02114	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	350
65	66	1	0	1	0	0.000220	0.002320	0.00981	858	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	351
65	66	1	0	2	0	0.000220	0.002320	0.00981	858	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	352
66	67	1	0	1	0	0.000320	0.003360	0.01420	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	353
66	67	1	0	2	0	0.000320	0.003360	0.01420	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	354
67	68	1	0	1	0	0.000450	0.004800	0.01957	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	355
67	68	1	0	2	0	0.000450	0.004800	0.01957	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	356
67	69	1	0	1	0	0.000450	0.004750	0.01938	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	357
67	69	1	0	2	0	0.000450	0.004750	0.01938	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	358
68	70	1	0	1	0	0.000910	0.009650	0.03940	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	359
71	69	1	0	1	0	0.000910	0.009650	0.03940	859	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	360
72	271	2	0	1	2	0.000600	0.065100	0.00000	200	0	0	72	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	361
72	271	2	0	2	2	0.000600	0.065100	0.00000	200	0	0	72	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	362
379	72	2	0	1	2	0.000000	0.065200	0.00000	600	0	0	379	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	363
525	72	2	0	1	2	0.000000	0.065200	0.00000	600	0	0	525	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	364
535	88	1	0	1	2	0.000000	0.065200	0.00000	1000	0	0	535	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	365
91	400	1	0	1	2	0.000000	0.008000	0.00000	900	0	0	91	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	366

93	92	1	0	1	0	0.178200	0.523930	0.06820	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	367
93	92	1	0	2	0	0.178200	0.523930	0.06820	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	368
92	95	3	0	1	0	0.052830	0.155320	0.02023	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	369
122	93	1	0	1	0	0.063430	0.186490	0.02430	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	370
94	95	3	0	1	0	0.001360	0.004010	0.00050	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	371
94	95	3	0	2	0	0.128510	0.377840	0.04920	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	372
94	96	3	0	1	0	0.011800	0.020470	0.00210	82	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	373
94	97	3	0	1	0	0.013600	0.039370	0.00518	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	374
94	98	3	0	1	0	0.216050	0.376160	0.03943	82	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	375
98	99	3	0	1	0	0.167900	0.361740	0.04362	96	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	376
98	100	3	0	1	0	0.085370	0.145510	0.01580	82	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	377
100	101	3	0	1	0	0.077060	0.228970	0.02920	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	378
100	101	3	0	2	0	0.077060	0.228970	0.02920	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	379
103	100	3	0	1	0	0.073770	0.219200	0.02795	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	380
103	100	3	0	2	0	0.073770	0.219200	0.02800	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	381
103	100	3	0	3	0	0.049800	0.219020	0.03280	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	382
100	103	3	0	4	0	0.049800	0.219020	0.03280	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	383
100	106	3	0	1	0	0.184860	0.318720	0.03400	82	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	384
102	101	3	0	1	0	0.018160	0.053380	0.00695	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	385
105	104	3	0	1	0	0.050180	0.147540	0.01920	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	386
104	107	3	0	1	0	0.020180	0.146140	0.02030	215	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	387
104	107	3	0	2	0	0.020180	0.146140	0.02026	215	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	388
106	105	3	0	1	0	0.160730	0.276960	0.02950	82	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	389
105	109	3	0	1	0	0.120650	0.205730	0.02240	82	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	390
552	106	1	0	1	2	0.000000	0.038000	0.00000	1000	0	0	552	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	391
106	553	3	0	1	2	0.000000	0.038000	0.00000	1000	0	0	106	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	392
107	108	3	0	1	0	0.052570	0.231200	0.03463	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	393
107	108	3	0	2	0	0.052570	0.231200	0.03460	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	394
110	109	3	0	1	0	0.155260	0.264930	0.02880	82	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	395
110	111	3	0	1	0	0.074500	0.221370	0.02823	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	396
110	112	3	0	1	0	0.011400	0.024320	0.00299	96	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	397
110	112	3	0	2	0	0.008900	0.026450	0.00340	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	398
112	113	3	0	1	0	0.020860	0.061970	0.00790	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	399
112	113	3	0	2	0	0.020860	0.061970	0.00790	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	400
112	114	3	0	1	0	0.096420	0.283470	0.03690	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	401
112	114	3	0	2	0	0.096420	0.283470	0.03690	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	402
112	115	3	0	1	0	0.168920	0.363950	0.04390	96	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	403
112	325	3	0	1	0	0.044570	0.132430	0.01689	130	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	404
114	115	3	0	1	0	0.039940	0.118660	0.01510	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	405
115	116	3	0	1	0	0.057420	0.123720	0.01490	96	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	406
115	116	3	0	2	0	0.057420	0.123720	0.01490	96	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	407
115	118	3	0	1	0	0.087390	0.188280	0.02270	96	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	408
116	485	3	0	1	2	0.000000	0.338500	0.00000	32	0	0	116	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	409
116	486	3	0	1	2	0.000000	0.338500	0.00000	32	0	0	116	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	410
116	487	3	0	1	2	0.000000	0.338500	0.00000	32	0	0	116	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	411

118	119	3	0	1	0	0.050880	0.149580	0.01948	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	412
123	122	1	0	1	0	0.025880	0.076090	0.00990	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	413
124	123	1	0	1	0	0.029130	0.085640	0.01110	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	414
124	125	1	0	1	0	0.058080	0.123810	0.01525	96	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	415
126	124	1	0	1	0	0.032450	0.096340	0.01200	117	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	416
127	126	1	0	1	0	0.016640	0.110910	0.02850	323	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	417
127	126	1	0	2	0	0.016640	0.110910	0.02849	323	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	418
128	127	1	0	1	0	0.003330	0.014640	0.00219	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	419
128	127	1	0	2	0	0.003330	0.014640	0.00220	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	420
128	129	1	0	1	0	0.038830	0.116460	0.01450	117	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	421
143	128	1	0	1	0	0.036420	0.109100	0.01367	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	422
320	129	1	0	1	0	0.011490	0.034450	0.00430	117	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	423
130	131	1	0	1	0	0.003970	0.026480	0.00680	323	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	424
131	130	1	0	2	0	0.003970	0.026480	0.00680	323	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	425
132	130	1	0	1	0	0.003140	0.020950	0.00540	323	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	426
130	132	1	0	2	0	0.003140	0.020950	0.00540	323	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	427
130	320	1	0	1	2	0.000600	0.072500	0.00000	200	0	0	130	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	428
130	320	1	0	2	2	0.000600	0.072500	0.00000	200	0	0	130	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	429
130	320	1	0	3	2	0.000600	0.072500	0.00000	200	0	0	130	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	430
134	133	1	0	1	0	0.004780	0.031600	0.00870	323	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	431
134	135	1	0	1	0	0.002550	0.016970	0.00436	323	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	432
134	135	1	0	2	0	0.002550	0.016970	0.00440	323	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	433
135	136	1	0	1	0	0.000930	0.009840	0.00251	430	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	434
136	135	1	0	2	0	0.000930	0.009840	0.00251	430	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	435
137	136	1	0	1	0	0.007580	0.080230	0.02050	430	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	436
136	143	1	0	1	0	0.005150	0.054560	0.01391	430	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	437
138	137	1	0	1	0	0.022130	0.065050	0.00850	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	438
139	137	1	0	1	0	0.033290	0.097870	0.01270	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	439
143	137	1	0	1	0	0.011570	0.034020	0.00440	158	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	440
143	137	1	0	2	0	0.002380	0.025220	0.00640	430	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	441
140	139	1	0	1	0	0.012790	0.037600	0.00490	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	442
141	140	1	0	1	0	0.046230	0.137630	0.01770	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	443
142	141	1	0	1	0	0.030950	0.091010	0.01190	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	444
464	141	1	0	1	2	0.000000	0.360200	0.00000	20	0	0	464	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	445
465	141	1	0	1	2	0.000000	0.360200	0.00000	20	0	0	465	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	446
144	145	1	0	1	0	0.015950	0.070160	0.01050	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	447
144	145	1	0	2	0	0.015950	0.070160	0.01050	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	448
144	162	1	0	1	0	0.019300	0.054100	0.00760	130	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	449
144	162	1	0	2	0	0.019300	0.054100	0.00760	130	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	450
145	146	1	0	1	0	0.013410	0.058990	0.00883	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	451
146	147	1	0	1	0	0.002830	0.012430	0.00186	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	452
146	147	1	0	2	0	0.002830	0.012430	0.00190	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	453
148	146	1	0	1	0	0.033700	0.099060	0.01290	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	454
151	147	1	0	1	0	0.006670	0.043900	0.01210	320	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	455
151	147	1	0	2	0	0.006670	0.043900	0.01210	320	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	456

521	147	1	0	1	2	0.000000	0.078900	0.000000	1000	0	0	521	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	457
147	522	1	0	1	2	0.000000	0.082300	0.000000	1000	0	0	147	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	458
318	148	1	0	1	0	0.008490	0.056570	0.01450	323	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	459
318	148	1	0	2	0	0.008490	0.056570	0.01450	323	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	460
149	150	1	0	1	2	0.000000	0.068500	0.000000	200	0	0	149	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	461
149	150	1	0	2	2	0.000000	0.068500	0.000000	200	0	0	149	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	462
536	149	1	0	1	2	0.000000	0.056000	0.000000	90	0	0	536	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	463
150	169	1	0	1	0	0.000000	0.100000	0.000000	1000	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	464
150	169	1	0	2	0	0.000000	0.100000	0.000000	1000	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	465
151	152	1	0	1	0	0.011440	0.030010	0.00430	118	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	466
152	153	1	0	1	0	0.012220	0.036660	0.00460	127	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	467
153	154	1	0	1	0	0.011070	0.029030	0.00410	118	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	468
153	155	1	0	1	0	0.026620	0.069780	0.01000	100	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	469
155	156	1	0	1	0	0.000980	0.010910	0.00260	430	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	470
155	156	1	0	2	0	0.000980	0.010910	0.00260	430	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	471
157	155	1	0	1	0	0.009610	0.042260	0.00630	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	472
157	155	1	0	2	0	0.009610	0.042260	0.00630	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	473
155	519	1	0	1	2	0.000000	0.038000	0.000000	1000	0	0	155	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	474
155	520	1	0	1	2	0.000000	0.038000	0.000000	1000	0	0	155	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	475
156	158	1	0	1	0	0.057460	0.163920	0.02140	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	476
156	158	1	0	2	0	0.057460	0.163920	0.02140	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	477
159	156	1	0	1	0	0.045850	0.332070	0.04603	215	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	478
156	159	1	0	2	0	0.045850	0.332070	0.04600	215	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	479
509	156	1	0	1	2	0.000000	0.302500	0.000000	1000	0	0	509	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	480
510	156	1	0	1	2	0.000000	0.222200	0.000000	1000	0	0	510	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	481
511	156	1	0	1	2	0.000000	0.307900	0.000000	1000	0	0	511	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	482
512	156	1	0	1	2	0.000000	0.228260	0.000000	1000	0	0	512	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	483
513	156	1	0	1	2	0.000000	0.228260	0.000000	1000	0	0	513	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	484
514	156	1	0	1	2	0.000000	0.151000	0.000000	1000	0	0	514	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	485
157	158	1	0	1	0	0.048170	0.143770	0.01820	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	486
158	159	1	0	1	0	0.056960	0.169970	0.02150	119	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	487
159	160	1	0	1	0	0.062430	0.186440	0.02360	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	488
159	161	1	0	1	0	0.046460	0.073900	0.00830	96	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	489
162	163	1	0	1	0	0.072600	0.190330	0.02720	118	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	490
507	162	1	0	1	2	0.000000	0.075300	0.000000	1000	0	0	507	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	491
508	162	1	0	1	2	0.000000	0.075300	0.000000	1000	0	0	508	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	492
163	164	1	0	1	0	0.057430	0.168860	0.02200	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	493
165	164	1	0	1	0	0.089980	0.264550	0.03440	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	494
164	166	1	0	1	0	0.003770	0.025140	0.00650	323	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	495
164	166	1	0	2	0	0.003770	0.025140	0.00646	323	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	496
523	164	1	0	1	2	0.000000	0.023000	0.000000	1000	0	0	523	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	497
524	164	1	0	1	2	0.000000	0.023000	0.000000	1000	0	0	524	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	498
172	171	1	0	1	0	0.012520	0.251000	0.01920	72	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	499
179	171	1	0	1	0	0.043220	0.125680	0.01530	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	500
179	171	1	0	2	0	0.043220	0.125680	0.01530	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	501

171	181	1	0	1	0	0.109460	0.144330	0.01490	77	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	502
182	171	1	0	1	0	0.034500	0.101400	0.01290	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	503
184	171	1	0	1	0	0.038500	0.108100	0.01520	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	504
171	184	1	0	2	0	0.038500	0.108100	0.01520	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	505
173	172	1	0	1	0	0.004070	0.011620	0.00160	117	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	506
172	173	1	0	2	0	0.004070	0.011620	0.00160	117	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	507
172	176	1	0	1	0	0.033380	0.096500	0.01297	117	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	508
172	176	1	0	2	0	0.033380	0.096500	0.01300	117	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	509
172	176	1	0	3	0	0.033990	0.097000	0.01321	117	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	510
172	186	1	0	1	0	0.019300	0.056700	0.00072	118	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	511
187	172	1	0	1	0	0.002230	0.006870	0.00070	118	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	512
172	188	1	0	1	0	0.042660	0.060970	0.00670	72	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	513
172	189	1	0	1	0	0.014010	0.060590	0.01090	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	514
173	174	1	0	1	0	0.031550	0.090030	0.01230	117	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	515
173	174	1	0	2	0	0.031550	0.090030	0.01230	117	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	516
173	189	1	0	1	0	0.003450	0.016670	0.03440	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	517
173	189	1	0	2	0	0.003450	0.016670	0.03440	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	518
174	241	1	0	1	0	0.088990	0.266900	0.03330	117	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	519
174	242	1	0	1	0	0.044120	0.132350	0.01650	117	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	520
174	324	1	0	1	0	0.006080	0.018700	0.00210	118	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	521
495	174	1	0	1	2	0.000000	0.031700	0.00000	415	415	415	495	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	522
241	175	2	0	1	0	0.030300	0.090900	0.01140	117	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	523
243	175	2	0	1	0	0.052770	0.158280	0.01980	117	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	524
175	248	2	0	1	0	0.157670	0.443380	0.06220	118	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	525
175	249	2	0	1	0	0.001790	0.008670	0.01788	358	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	526
175	249	2	0	2	0	0.001790	0.008670	0.01790	358	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	527
175	252	2	0	1	0	0.139950	0.411480	0.05360	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	528
175	252	2	0	2	0	0.139950	0.411480	0.05360	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	529
177	176	1	0	1	0	0.088140	0.116250	0.01210	72	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	530
178	177	1	0	1	0	0.059710	0.083760	0.00960	72	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	531
191	177	4	0	1	0	0.050700	0.149100	0.01900	130	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	532
180	179	1	0	1	0	0.083150	0.245040	0.03170	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	533
183	185	1	0	1	0	0.000910	0.006120	0.00170	322	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	534
183	185	1	0	2	0	0.000910	0.006120	0.00170	322	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	535
183	504	1	0	1	2	0.000000	0.073100	0.00000	300	0	0	183	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	536
184	185	1	0	1	0	0.021300	0.059800	0.00840	130	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	537
184	185	1	0	2	0	0.021300	0.059800	0.00840	130	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	538
189	190	1	0	1	0	0.030400	0.089500	0.01140	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	539
189	540	1	0	1	2	0.000000	0.058700	0.00000	190	0	0	189	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	540
191	192	4	0	1	0	0.052700	0.148000	0.02080	130	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	541
191	192	4	0	2	0	0.052700	0.148000	0.02080	130	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	542
196	191	4	0	1	0	0.054600	0.072000	0.00750	77	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	543
193	192	4	0	1	0	0.029540	0.129880	0.01940	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	544
192	194	4	0	1	0	0.068890	0.193440	0.02710	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	545
195	196	4	0	1	0	0.030050	0.132090	0.01980	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	546

198	195	4	0	1	0	0.049710	0.146100	0.01860	118	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	547
199	200	4	0	1	0	0.047010	0.141080	0.01730	100	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	548
229	199	4	0	1	0	0.062920	0.192730	0.02310	127	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	549
200	201	4	0	1	0	0.058160	0.255780	0.03830	179	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	550
200	202	4	0	1	0	0.041940	0.182870	0.14550	130	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	551
203	200	4	0	1	0	0.076240	0.228410	0.02820	127	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	552
203	204	4	0	1	0	0.040960	0.122680	0.01510	127	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	553
203	205	4	0	1	0	0.046720	0.137490	0.01770	127	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	554
233	204	4	0	1	0	0.017560	0.052600	0.00650	118	127	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	555
204	361	4	0	1	0	0.052700	0.155100	0.01980	120	130	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	556
206	205	4	0	1	0	0.047930	0.141070	0.01810	127	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	557
206	207	4	0	1	0	0.055770	0.171170	0.02020	127	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	558
206	207	4	0	2	0	0.055770	0.171170	0.02020	127	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	559
208	206	4	0	1	0	0.063200	0.177400	0.02490	130	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	560
208	206	4	0	2	0	0.063200	0.177400	0.02490	130	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	561
208	209	4	0	1	0	0.109450	0.326850	0.04140	130	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	562
210	208	4	0	1	0	0.055950	0.164500	0.02140	129	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	563
210	208	4	0	2	0	0.055950	0.164500	0.02140	129	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	564
210	211	4	0	1	0	0.007540	0.033150	0.00500	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	565
210	211	4	0	2	0	0.007540	0.033150	0.00500	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	566
212	210	4	0	1	0	0.008490	0.056570	0.01450	358	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	567
212	210	4	0	2	0	0.008490	0.056570	0.01450	358	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	568
213	210	4	0	1	0	0.005170	0.014680	0.00190	130	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	569
213	210	4	0	2	0	0.005170	0.014680	0.00190	130	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	570
210	214	4	0	1	0	0.115100	0.323900	0.04560	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	571
210	214	4	0	2	0	0.115100	0.323900	0.04560	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	572
212	213	4	0	1	0	0.016630	0.051460	0.00730	128	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	573
212	213	4	0	2	0	0.016630	0.051460	0.00730	128	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	574
212	219	4	0	1	0	0.066940	0.207190	0.02950	128	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	575
212	219	4	0	2	0	0.066940	0.207190	0.02950	128	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	576
223	213	4	0	1	0	0.037060	0.110350	0.01400	127	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	577
374	213	4	0	1	0	0.000000	0.100000	0.00000	1000	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	578
215	214	4	0	1	0	0.081620	0.242780	0.02950	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	579
216	215	4	0	1	0	0.024520	0.107780	0.01610	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	580
217	215	4	0	1	0	0.042710	0.187830	0.02810	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	581
221	218	4	0	1	0	0.016200	0.045600	0.00640	322	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	582
221	218	4	0	2	0	0.016200	0.045600	0.00640	322	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	583
220	219	4	0	1	0	0.023810	0.073710	0.01050	128	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	584
220	219	4	0	2	0	0.023810	0.073710	0.01050	128	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	585
225	219	4	0	1	0	0.016330	0.048010	0.00630	119	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	586
237	219	4	0	1	0	0.055110	0.162250	0.02060	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	587
220	221	4	0	1	0	0.011600	0.032500	0.00460	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	588
221	220	4	0	2	0	0.011600	0.032500	0.00460	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	589
223	225	4	0	1	0	0.099000	0.211110	0.02580	102	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	590
223	226	4	0	1	0	0.000000	0.000100	0.00000	118	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	591

226	229	4	0	1	0	0.080010	0.245090	0.02940	127	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	592
230	231	4	0	1	0	0.053970	0.161150	0.02040	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	593
232	231	4	0	1	0	0.091260	0.273360	0.03380	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	594
233	232	4	0	1	0	0.050700	0.151870	0.01870	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	595
361	233	4	0	1	0	0.045070	0.146840	0.01890	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	596
243	242	2	0	1	0	0.022360	0.067070	0.00840	117	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	597
248	244	2	0	1	0	0.039750	0.111770	0.01569	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	598
250	244	2	0	1	0	0.136940	0.385080	0.05410	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	599
251	244	2	0	1	0	0.198780	0.243470	0.02600	67	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	600
244	272	2	0	1	0	0.029830	0.083730	0.01173	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	601
244	272	2	0	2	0	0.029830	0.083730	0.01170	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	602
273	244	2	0	1	0	0.148150	0.178920	0.01960	67	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	603
274	244	2	0	1	0	0.087460	0.259880	0.03310	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	604
277	244	2	0	1	0	0.017560	0.022060	0.02360	67	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	605
244	278	2	0	1	0	0.233710	0.286250	0.03050	67	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	606
244	279	2	0	1	0	0.007530	0.021140	0.00300	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	607
244	279	2	0	2	0	0.007530	0.021140	0.00300	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	608
245	251	2	0	1	0	0.055000	0.163400	0.02080	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	609
245	254	2	0	1	0	0.036440	0.160240	0.02400	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	610
250	249	2	0	1	0	0.049960	0.140490	0.01970	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	611
251	249	2	0	1	0	0.301660	0.369470	0.03940	67	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	612
249	252	2	0	1	0	0.158720	0.338470	0.04170	96	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	613
252	253	2	0	1	0	0.048930	0.143870	0.01870	119	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	614
252	257	2	0	1	0	0.066130	0.141030	0.01736	96	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	615
255	256	2	0	1	0	0.047080	0.207120	0.03100	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	616
256	255	2	0	2	0	0.052700	0.231920	0.03480	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	617
255	258	2	0	1	0	0.070100	0.196860	0.02760	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	618
255	258	2	0	2	0	0.070100	0.196860	0.02760	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	619
255	258	2	0	3	0	0.186400	0.233100	0.02520	72	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	620
255	270	2	0	1	0	0.028290	0.124360	0.01861	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	621
278	255	2	0	1	0	0.098500	0.123100	0.01330	67	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	622
255	280	2	0	1	0	0.038190	0.107190	0.01530	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	623
255	280	2	0	2	0	0.038190	0.107190	0.01530	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	624
256	257	2	0	1	0	0.050210	0.220900	0.03310	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	625
257	475	2	0	1	0	0.030800	0.135400	0.02027	179	162	49	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	626
258	259	2	0	1	0	0.089940	0.267230	0.03410	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	627
258	259	2	0	2	0	0.089940	0.267230	0.03410	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	628
258	260	2	0	1	0	0.090860	0.255320	0.03590	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	629
258	267	2	0	1	0	0.048670	0.136600	0.01920	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	630
258	267	2	0	2	0	0.048670	0.136600	0.01920	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	631
259	261	2	0	1	0	0.065900	0.184900	0.02590	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	632
259	261	2	0	2	0	0.065900	0.184900	0.02590	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	633
260	261	2	0	1	0	0.025300	0.070900	0.00990	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	634
260	261	2	0	2	0	0.025300	0.070900	0.00990	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	635
260	263	2	0	1	0	0.183920	0.190490	0.02386	67	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	636

260	263	2	0	2	0	0.183920	0.190490	0.02390	67	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	637
267	260	2	0	1	0	0.042160	0.185400	0.02777	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	638
261	262	2	0	1	0	0.060800	0.170700	0.02400	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	639
261	262	2	0	2	0	0.060800	0.170700	0.02400	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	640
261	266	2	0	1	2	0.000600	0.065100	0.000000	200	0	0	261	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	641
261	266	2	0	2	2	0.000600	0.065100	0.000000	200	0	0	261	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	642
261	375	2	0	1	0	0.034560	0.151960	0.02270	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	643
479	262	2	0	1	2	0.000000	0.285700	0.000000	50	0	0	479	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	644
480	262	2	0	1	2	0.000000	0.285700	0.000000	50	0	0	480	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	645
481	262	2	0	1	2	0.000000	0.285700	0.000000	50	0	0	481	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	646
482	262	2	0	1	2	0.000000	0.285700	0.000000	50	0	0	482	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	647
263	264	2	0	1	0	0.011140	0.032780	0.00420	1000	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	648
476	263	2	0	1	2	0.000000	0.486700	0.000000	14	0	0	476	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	649
477	263	2	0	1	2	0.000000	0.486700	0.000000	14	0	0	477	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	650
478	263	2	0	1	2	0.000000	0.486700	0.000000	14	0	0	478	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	651
496	264	5	0	1	2	0.000000	0.120200	0.000000	35	0	0	496	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	652
497	264	5	0	1	2	0.000000	0.120200	0.000000	35	0	0	497	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	653
498	264	5	0	1	2	0.000000	0.120200	0.000000	35	0	0	498	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	654
499	264	5	0	1	2	0.000000	0.120200	0.000000	35	0	0	499	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	655
500	264	5	0	1	2	0.120200	0.100000	0.000000	35	0	0	500	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	656
266	265	2	0	1	0	0.022320	0.162630	0.36220	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	657
266	265	2	0	2	0	0.022320	0.162630	0.36220	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	658
501	265	5	0	1	2	0.000000	0.058200	0.000000	220	0	0	501	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	659
502	265	5	0	1	2	0.000000	0.058200	0.000000	220	0	0	502	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	660
268	267	2	0	1	0	0.237070	0.298290	0.03190	100	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	661
286	268	2	0	1	0	0.028570	0.125680	0.01880	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	662
272	271	2	0	1	0	0.001900	0.012900	0.00310	358	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	663
272	271	2	0	2	0	0.001900	0.012900	0.00310	358	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	664
272	273	2	0	1	0	0.064050	0.076580	0.00900	67	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	665
272	288	2	0	1	0	0.083210	0.233870	0.03280	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	666
272	288	2	0	2	0	0.083210	0.233870	0.03280	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	667
294	272	2	0	1	0	0.096200	0.273100	0.03760	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	668
294	272	2	0	2	0	0.096200	0.273100	0.03760	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	669
273	492	2	0	1	2	0.000000	1.142900	0.000000	10	0	0	273	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	670
273	493	2	0	1	2	0.000000	1.142900	0.000000	10	0	0	273	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	671
494	273	2	0	1	2	0.000000	1.142900	0.000000	10	0	0	494	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	672
274	275	2	0	1	0	0.051570	0.153220	0.01950	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	673
275	483	2	0	1	2	0.000000	0.405300	0.000000	22	0	0	275	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	674
484	275	2	0	1	2	0.000000	0.405300	0.000000	22	0	0	484	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	675
278	280	2	0	1	0	0.125260	0.153420	0.01640	67	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	676
279	280	2	0	1	0	0.072930	0.204580	0.02880	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	677
279	280	2	0	2	0	0.072930	0.204580	0.02880	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	678
280	281	2	0	1	0	0.028290	0.124360	0.01860	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	679
280	282	2	0	1	0	0.085570	0.377450	0.05670	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	680
283	281	2	0	1	0	0.111330	0.489550	0.00950	162	0	0	0	0	1.0000	0.00	0.0000	0.0000	.000000	0.0000	0.0000	681

283	282	2	0	1	0	0.018240	0.080160	0.01200	179	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	682
284	282	2	0	1	0	0.004400	0.029330	0.00750	323	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	683
284	282	2	0	2	0	0.004400	0.029330	0.00750	323	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	684
282	286	2	0	1	0	0.303840	0.247000	0.02500	70	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	685
287	282	2	0	1	0	0.052170	0.155000	0.01980	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	686
287	282	2	0	2	0	0.079700	0.171700	0.02070	96	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	687
285	284	2	0	1	2	0.000600	0.065100	0.00000	200	0	0	285	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	688
285	284	2	0	2	2	0.000600	0.065100	0.00000	200	0	0	285	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	689
285	284	2	0	3	2	0.000600	0.065100	0.00000	200	0	0	285	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	690
304	284	2	0	1	0	0.192640	0.211120	0.02370	62	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	691
305	285	2	0	1	0	0.008150	0.063670	0.14000	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	692
285	307	2	0	1	0	0.007620	0.055040	0.12100	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	693
287	288	2	0	1	0	0.093620	0.278180	0.03550	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	694
289	287	2	0	1	0	0.110820	0.326560	0.04180	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	695
292	287	2	0	1	0	0.094700	0.204000	0.02460	96	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	696
288	292	2	0	1	0	0.043590	0.093910	0.01130	96	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	697
294	288	2	0	1	0	0.011120	0.031990	0.00430	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	698
288	298	2	0	1	0	0.078920	0.225100	0.02930	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	699
292	293	2	0	1	0	0.040570	0.119440	0.01520	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	700
295	294	2	0	1	0	0.050700	0.149130	0.01900	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	701
294	297	2	0	1	0	0.121820	0.149210	0.01590	67	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	702
298	294	5	0	1	0	0.073370	0.209270	0.02720	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	703
295	296	2	0	1	0	0.079780	0.234880	0.03000	120	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	704
297	298	2	0	1	0	0.066400	0.083640	0.00890	67	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	705
301	298	5	0	1	0	0.073870	0.220840	0.02720	1000	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	706
301	298	5	0	2	0	0.073870	0.220840	0.02720	1000	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	707
301	298	5	0	3	0	0.073870	0.220840	0.02720	1000	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	708
547	301	1	0	1	2	0.000000	0.038000	0.00000	1000	0	0	547	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	709
305	304	2	0	1	2	0.000600	0.065100	0.00000	200	0	0	305	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	710
305	304	2	0	2	2	0.000600	0.065100	0.00000	200	0	0	305	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	711
305	307	2	0	1	0	0.001690	0.012230	0.02690	429	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	712
307	306	5	0	1	0	0.009950	0.071890	0.15823	1000	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	713
307	306	5	0	2	0	0.009950	0.071890	0.15823	1000	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	714
490	306	5	0	1	2	0.000000	0.058200	0.00000	220	0	0	490	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	715
491	306	5	0	1	2	0.000000	0.058200	0.00000	220	0	0	491	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	716
312	503	1	0	1	2	0.000000	0.030700	0.00000	1000	0	0	312	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	717
317	505	1	0	1	2	0.000000	0.070310	0.00000	300	0	0	317	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	718
506	317	1	0	1	2	0.000000	0.070231	0.00000	300	0	0	506	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	719
317	557	1	0	1	2	0.000000	0.038000	0.00000	1000	0	0	317	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	720
318	538	1	0	1	2	0.000000	0.056800	0.00000	190	0	0	318	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	721
326	327	3	0	1	2	0.000000	0.114900	0.00000	88	0	0	326	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	722
364	361	4	0	1	2	0.000000	0.425000	0.00000	28	0	0	364	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	723
365	361	4	0	1	2	0.000000	0.425000	0.00000	1000	0	0	365	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	724
366	361	4	0	1	2	0.000000	0.425000	0.00000	1000	0	0	366	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	725
367	361	4	0	1	2	0.000000	0.425000	0.00000	1000	0	0	367	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	726

368	361	4	0	1	2	0.000000	0.425000	0.000000	1000	0	0	368	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	727
369	361	4	0	1	2	0.000000	0.425000	0.000000	1000	0	0	369	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	728
370	361	4	0	1	2	0.000000	0.425000	0.000000	1000	0	0	370	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	729
371	361	4	0	1	2	0.000000	0.425000	0.000000	1000	0	0	371	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	730
372	361	4	0	1	2	0.000000	0.425000	0.000000	1000	0	0	372	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	731
373	361	4	0	1	2	0.000000	0.425000	0.000000	1000	0	0	373	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	732
467	466	1	0	1	2	0.000000	0.018200	0.000000	825	0	0	467	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	733
468	466	1	0	1	2	0.000000	0.018200	0.000000	825	0	0	468	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	734
544	570	1	0	1	2	0.000000	0.038000	0.000000	1000	0	0	544	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	735
545	570	1	0	1	2	0.000000	0.038000	0.000000	1000	0	0	545	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	736
571	549	1	0	1	2	0.000000	0.038000	0.000000	1000	0	0	571	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	737
550	571	1	0	1	2	0.000000	0.038000	0.000000	1000	0	0	550	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	738
555	573	1	0	1	2	0.000000	0.038000	0.000000	1000	0	0	555	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	739
556	573	1	0	1	2	0.000000	0.038000	0.000000	1000	0	0	556	0	1.0000	0.00	0.9000	1.1000	.00625	0.9900	1.0000	740
570	572	1	0	1	0	0.000140	0.002640	0.29970	3734	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	741
570	572	1	0	2	0	0.000140	0.002640	0.29970	3734	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	742
573	571	1	0	1	0	0.000140	0.002640	0.29970	3734	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	743
573	571	1	0	2	0	0.000140	0.002640	0.29970	3734	0	0	0	0	1.0000	0.00	0.0000	0.0000	.00000	0.0000	0.0000	744

-999

LOSS ZONES FOLLOWS 1 ITEMS (HEADER)

1 1

-999

INTERCHANGE DATA FOLLOWS 5 ITEMS (HEADER)

1	0	No Name	-100.0	1.00	1	1	1
2	0	No Name	-350.0	1.00	NE	NE	2
3	0	No Name	-100.0	1.00	S	S	3
4	0	No Name	300.0	1.00	N	N	4
5	0	No Name	250.0	1.00	AROUND	AROUND	5

-999

TIE LINES FOLLOW 36 ITEMS (HEADER)

9	4	11	1	1
9	4	10	1	2
10	1	9	4	1
15	4	46	1	2
15	4	46	1	1
543	1	16	4	1
542	1	16	4	1
541	1	16	4	1
18	4	51	1	2
18	4	51	1	1
18	4	49	1	2
18	4	49	1	1
50	1	24	2	2
50	1	24	2	1
34	3	33	1	2

34	3	33	1	1
93	1	92	3	2
93	1	92	3	1
106	3	553	1	1
552	1	106	3	1
174	1	242	2	1
174	1	241	2	1
191	4	177	1	1
547	1	301	5	1
18	4	23	2	2
18	4	23	2	1
21	4	22	2	2
21	4	22	2	1
263	2	264	5	1
266	2	265	5	2
266	2	265	5	1
285	2	307	5	1
288	2	298	5	1
298	5	294	2	1
297	2	298	5	1
305	2	307	5	1
-999				
END OF DATA				