

nscl -predict delta A,B,C from OPCL-JMS 200, 287-89 (200Thu Jul 31
 12:00:13 2003
 LINES REQUESTED= 6303 NUMBER OF PARAMETERS= 27 NUMBER OF ITERATIONS= 4
 MARQUARDT PARAMETER =0.0000E+000 max (OBS-CALC)/ERROR =1.0000E+006

		PARAMETERS - A.PRIORI ERROR			
1	1	10000	4.1723436482906E+004	1.000000E+018	A
2	2	20000	4.1142439367220E+003	1.000000E+018	B
3	3	30000	3.7385830806358E+003	1.000000E+018	C
4	4	200	-2.6356643954939E-003	1.000000E+018	
-DJ					
5	5	1100	3.9788804290709E-002	1.000000E+018	
-DJK					
6	6	2000	-1.6658465090993E+000	1.000000E+018	
-DK					
7	7	40100	-3.6277791606525E-004	1.000000E+018	
-delj					
8	8	41000	-1.8389817672190E-002	1.000000E+018	
-delk					
9	9	1200	5.1297600193302E-008	1.000000E+018	
HJK					
10	10	2100	-9.9867412103946E-006	1.000000E+018	
HKJ					
11	11	3000	2.8491809965403E-004	1.000000E+018	HK
12	12	11	3.9739681002584E+007	1.000000E+018	E
13	13	10011	4.1403755503559E+004	1.000000E+018	A
14	14	20011	4.1132418265646E+003	1.000000E+018	B
15	15	30011	3.7353270268467E+003	1.000000E+018	C
16	16	211	-2.6458871840215E-003	1.000000E+018	
-DJ					
17	17	1111	4.0065110614159E-002	1.000000E+018	
-DJK					
18	18	2011	-1.6490155514600E+000	1.000000E+018	
-DK					
19	19	40111	-3.6711084951135E-004	1.000000E+018	
-delj					
20	20	41011	-1.8384287049732E-002	1.000000E+018	
-delk					
21	21	1211	5.1309731522481E-008	1.000000E+018	
HJK					
22	22	2111	-9.9492846952288E-006	1.000000E+018	
HKJ					
23	23	3011	2.8163992040003E-004	1.000000E+018	HK
24	24	300	6.9779965502809E-010	1.000000E+018	HJ
25	24	-311	6.9779965502809E-010	1.000000	HJ
26	25	4000	-5.6115838867640E-008	1.000000E+018	
-LK					
27	25	-4011	-5.6115838867640E-008	1.000000	
-LK					

27 parameters read, 25 independent parameters

ENERGY SORT OF WANG SUB-BLOCKS

PROLATE ROTOR

V KMIN KMAX ESYMWT SPINS

0 0 99 -1
 1 0 99 -1
 2 0 99 -1

BLOCK - WT - SYM - V - TSP - N - other quanta (rel. to F=0)

1 1 x 0 0
 2 1 c 0 0
 3 1 b 0 0
 4 1 a 0 0
 5 1 x 1 0
 6 1 c 1 0
 7 1 b 1 0
 8 1 a 1 0
 9 1 x 2 0

10 1 c 2 0
 11 1 b 2 0
 12 1 a 2 0

Maximum Dimension for Hamiltonian = 50

DIFF.	EXP.ERR.	EST.ERR.	AVG.	CALC.FREQ.	EXP.FREQ. - CALC.FREQ. -	DIFF.	WT.
1:	1	1	0 0 1	0 1 0		37983.10000	37983.22917
-0.12917		0.10000	0.00000				
2:	2	1	1 0 2	0 2 0		38361.72000	38361.76232
-0.04232		0.10000	0.00000				
3:	3	1	2 0 3	0 3 0		38934.40000	38934.78052
-0.38052		0.10000	0.00000				
4:	4	1	3 0 4	0 4 0		39708.73000	39708.52006
0.20994		0.10000	0.00000				
5:	5	1	4 0 5	0 5 0		40690.41000	40691.24328
-0.83328		9.10000	0.00000				
6:	6	1	5 0 6	0 6 0		41893.52000	41893.17441
0.34559		0.10000	0.00000				
7:	7	1	6 0 7	0 7 0		43327.00000	43326.39629
0.60371		0.10000	0.00000				
8:	8	1	7 0 8	0 8 0		45005.00000	45004.69365
0.30635		0.10000	0.00000				
9:	1	1	1 0 0	0 0 0		45460.22000	45460.46125
-0.24125		0.10000	0.00000				
10:	2	1	2 0 1	0 1 0		52937.90000	52937.79790
0.10210		0.10000	0.00000				
11:	3	1	3 0 2	0 2 0		60228.40000	60228.37905
0.02095		0.10000	0.00000				
12:	1	1	1 0 2	0 2 0		21904.86000	21904.87342
-0.01342		0.10000	0.00000				
13:	2	1	2 0 3	0 3 0		13687.89000	13688.02174
-0.13174		0.10000	0.00000				
14:	6	0	6 0 5	1 5 0		11958.30000	11958.50440
-0.20440		0.10000	0.00000				
15:	7	0	7 0 6	1 6 0		20801.36000	20801.85228
-0.49228		0.10000	0.00000				
16:	8	0	8 0 7	1 7 0		29768.26000	29768.67814
-0.41814		0.10000	0.00000				
17:	9	2	8 0 10	1 9 0		24744.92000	24745.22882
-0.30882		0.10000	0.00000				
18:	10	2	9 0 11	1 10 0		14923.31000	14922.12670
1.18330		9.10000	0.00000				
19:	14	1	13 0 13	2 12 0		15490.03000	15489.76774
0.26226		0.10000	0.00000				
20:	15	1	14 0 14	2 13 0		25920.70000	25920.84334
-0.14334		0.10000	0.00000				
21:	12	2	10 0 13	1 13 0		31601.97000	31602.06316
-0.09316		0.10000	0.00000				
22:	13	2	11 0 14	1 14 0		27486.13000	27486.15938
-0.02938		0.10000	0.00000				
23:	14	2	12 0 15	1 15 0		23807.70000	23807.68079
0.01921		0.10000	0.00000				
24:	15	2	13 0 16	1 16 0		20594.13000	20594.32650
-0.19650		0.10000	0.00000				
25:	16	2	14 0 17	1 17 0		17872.57000	17872.24498
0.32502		0.10000	0.00000				
26:	17	2	15 0 18	1 18 0		15665.32000	15665.34581
-0.02581		0.10000	0.00000				
27:	18	2	16 0 19	1 19 0		13994.59000	13994.69372
-0.10372		0.10000	0.00000				
28:	19	2	17 0 20	1 20 0		12877.96000	12878.02494
-0.06494		0.10000	0.00000				
29:	5	5	1 1 4	4 0 0		1337.9433200	1337.9433001
0.0000199		-0.0003000	0.0000000				
30:	6	5	2 1 5	4 1 0		1338.2051600	1338.2045748

0.0005852	-0.0003000	0.0000000		
31:	7	5	3	1 6 4 2 0
				1338.4661700 1338.4657087
0.0004613	-0.0003000	0.0000000		
32:	10	5	6	1 9 4 5 0
				1339.2485300 1339.2481365
0.0003935	-0.0003000	0.0000000		
33:	11	5	7	1 10 4 6 0
				1339.5088000 1339.5085663
0.0002337	-0.0003000	0.0000000		
34:	12	5	8	1 11 4 7 0
				1339.7691200 1339.7687727
0.0003473	-0.0003000	0.0000000		
35:	13	5	9	1 12 4 8 0
				1340.0292400 1340.0287317
0.0005083	-0.0003000	0.0000000		
36:	14	5	10	1 13 4 9 0
				1340.2882000 1340.2884162
-0.0002162	-0.0003000	0.0000000		
37:	15	5	11	1 14 4 10 0
				1340.5480200 1340.5477959
0.0002241	-0.0003000	0.0000000		
38:	17	5	13	1 16 4 12 0
				1341.0650800 1341.0655023
-0.0004223	-0.0003000	0.0000000		
39:	24	5	20	1 23 4 19 0
				1342.8603600 1342.8613422
-0.0009822	-0.0003000	0.0000000		
40:	26	5	22	1 25 4 21 0
				1343.3674800 1343.3675216
-0.0000416	-0.0003000	0.0000000		
41:	29	5	25	1 28 4 24 0
				1344.1179300 1344.1177680
0.0001620	-0.0003000	0.0000000		
42:	30	5	26	1 29 4 25 0
				1344.3643400 1344.3647984
-0.0004584	-0.0003000	0.0000000		
43:	31	5	27	1 30 4 26 0
				1344.6102800 1344.6099689
0.0003111	-0.0003000	0.0000000		
44:	5	5	0	1 4 4 1 0
				1337.9433200 1337.9433001
0.0000199	-0.0003000	0.0000000		
45:	6	5	1	1 5 4 2 0
				1338.2051600 1338.2045748
0.0005852	-0.0003000	0.0000000		
46:	7	5	2	1 6 4 3 0
				1338.4661700 1338.4657088
0.0004612	-0.0003000	0.0000000		
47:	10	5	5	1 9 4 6 0
				1339.2485300 1339.2481387
0.0003913	-0.0003000	0.0000000		
48:	11	5	6	1 10 4 7 0
				1339.5088000 1339.5085714
0.0002286	-0.0003000	0.0000000		
49:	12	5	7	1 11 4 8 0
				1339.7691200 1339.7687836
0.0003364	-0.0003000	0.0000000		
50:	13	5	8	1 12 4 9 0
				1340.0292400 1340.0287535
0.0004865	-0.0003000	0.0000000		
51:	14	5	9	1 13 4 10 0
				1340.2882000 1340.2884574
-0.0002574	-0.0003000	0.0000000		
52:	15	5	10	1 14 4 11 0
				1340.5480200 1340.5478701
0.0001499	-0.0003000	0.0000000		
53:	17	5	12	1 16 4 13 0
				1341.0650800 1341.0657160
-0.0006360	-0.0003000	0.0000000		
54:	24	5	19	1 23 4 20 0
				1342.8652400 1342.8651062
0.0001338	-0.0003000	0.0000000		
55:	26	5	21	1 25 4 22 0
				1343.3744800 1343.3747844
-0.0003044	-0.0003000	0.0000000		
56:	28	5	23	1 27 4 24 0
				1343.8830200 1343.8823971
0.0006229	-0.0003000	0.0000000		
57:	30	5	25	1 29 4 26 0
				1344.3883500 1344.3881131
0.0002369	-0.0003000	0.0000000		
58:	8	6	3	1 7 5 2 0
				1341.1162800 1341.1158853
0.0003947	-0.0003000	0.0000000		
59:	10	6	5	1 9 5 4 0
				1341.6373500 1341.6376033
-0.0002533	-0.0003000	0.0000000		
60:	11	6	6	1 10 5 5 0
				1341.8982900 1341.8982285
0.0000615	-0.0003000	0.0000000		
61:	12	6	7	1 11 5 6 0
				1342.1582200 1342.1586833
-0.0004633	-0.0003000	0.0000000		
62:	13	6	8	1 12 5 7 0
				1342.4188900 1342.4189555
-0.0000655	-0.0003000	0.0000000		

63: 14 6 9 1 13 5 8 0	1342.6788600	1342.6790315
-0.0001715 -0.0003000 0.0000000		
64: 15 6 10 1 14 5 9 0	1342.9388600	1342.9388967
-0.0000367 -0.0003000 0.0000000		
65: 16 6 11 1 15 5 10 0	1343.1982900	1343.1985353
-0.0002453 -0.0003000 0.0000000		
66: 17 6 12 1 16 5 11 0	1343.4579900	1343.4579300
0.0000600 -0.0003000 0.0000000		
67: 18 6 13 1 17 5 12 0	1343.7170000	1343.7170626
-0.0000626 -0.0003000 0.0000000		
68: 19 6 14 1 18 5 13 0	1343.9761000	1343.9759135
0.0001865 -0.0003000 0.0000000		
69: 20 6 15 1 19 5 14 0	1344.2346700	1344.2344617
0.0002083 -0.0003000 0.0000000		
70: 21 6 16 1 20 5 15 0	1344.4929600	1344.4926849
0.0002751 -0.0003000 0.0000000		
71: 22 6 17 1 21 5 16 0	1344.7503900	1344.7505594
-0.0001694 -0.0003000 0.0000000		
72: 23 6 18 1 22 5 17 0	1345.0078300	1345.0080598
-0.0002298 -0.0003000 0.0000000		
73: 24 6 19 1 23 5 18 0	1345.2653300	1345.2651593
0.0001707 -0.0003000 0.0000000		
74: 25 6 20 1 24 5 19 0	1345.5218200	1345.5218289
-0.0000089 -0.0003000 0.0000000		
75: 26 6 21 1 25 5 20 0	1345.7781300	1345.7780379
0.0000921 -0.0003000 0.0000000		
76: 27 6 22 1 26 5 21 0	1346.0341600	1346.0337533
0.0004067 -0.0003000 0.0000000		
77: 28 6 23 1 27 5 22 0	1346.2891400	1346.2889397
0.0002003 -0.0003000 0.0000000		
78: 34 6 29 1 33 5 28 0	1347.8066400	1347.8065503
0.0000897 -0.0003000 0.0000000		
79: 35 6 30 1 34 5 29 0	1348.0567300	1348.0567448
-0.0000148 -0.0003000 0.0000000		
80: 38 6 33 1 37 5 32 0	1348.8007600	1348.8012518
-0.0004918 -0.0003000 0.0000000		
81: 39 6 34 1 38 5 33 0	1349.0463900	1349.0470898
-0.0006998 -0.0003000 0.0000000		
82: 40 6 35 1 39 5 34 0	1349.2917900	1349.2915814
0.0002086 -0.0003000 0.0000000		
83: 8 6 2 1 7 5 3 0	1341.1162800	1341.1158853
0.0003947 -0.0003000 0.0000000		
84: 10 6 4 1 9 5 5 0	1341.6373500	1341.6376034
-0.0002534 -0.0003000 0.0000000		
85: 11 6 5 1 10 5 6 0	1341.8982900	1341.8982285
0.0000615 -0.0003000 0.0000000		
86: 12 6 6 1 11 5 7 0	1342.1582200	1342.1586834
-0.0004634 -0.0003000 0.0000000		
87: 13 6 7 1 12 5 8 0	1342.4188900	1342.4189556
-0.0000656 -0.0003000 0.0000000		
88: 14 6 8 1 13 5 9 0	1342.6788600	1342.6790318
-0.0001718 -0.0003000 0.0000000		
89: 15 6 9 1 14 5 10 0	1342.9388600	1342.9388973
-0.0000373 -0.0003000 0.0000000		
90: 16 6 10 1 15 5 11 0	1343.1982900	1343.1985363
-0.0002463 -0.0003000 0.0000000		
91: 17 6 11 1 16 5 12 0	1343.4579900	1343.4579321
0.0000579 -0.0003000 0.0000000		
92: 18 6 12 1 17 5 13 0	1343.7170000	1343.7170664
-0.0000664 -0.0003000 0.0000000		
93: 19 6 13 1 18 5 14 0	1343.9761000	1343.9759202
0.0001798 -0.0003000 0.0000000		
94: 20 6 14 1 19 5 15 0	1344.2346700	1344.2344732
0.0001968 -0.0003000 0.0000000		
95: 21 6 15 1 20 5 16 0	1344.4929600	1344.4927042

0.0002558	-0.0003000	0.0000000		
96: 22	6 16	1 21	5 17	0
1344.7503900				1344.7505907
-0.0002007	-0.0003000	0.0000000		
97: 23	6 17	1 22	5 18	0
1345.0078300				1345.0081095
-0.0002795	-0.0003000	0.0000000		
98: 24	6 18	1 23	5 19	0
1345.2653300				1345.2652364
0.0000936	-0.0003000	0.0000000		
99: 25	6 19	1 24	5 20	0
1345.5218200				1345.5219466
-0.0001266	-0.0003000	0.0000000		
100: 26	6 20	1 25	5 21	0
1345.7781300				1345.7782144
-0.0000844	-0.0003000	0.0000000		
101: 27	6 21	1 26	5 22	0
1346.0341600				1346.0340136
0.0001464	-0.0003000	0.0000000		
102: 28	6 22	1 27	5 23	0
1346.2891400				1346.2893179
-0.0001779	-0.0003000	0.0000000		
103: 34	6 28	1 33	5 29	0
1347.8089000				1347.8092939
-0.0003939	-0.0003000	0.0000000		
104: 35	6 29	1 34	5 30	0
1348.0603600				1348.0604253
-0.0000653	-0.0003000	0.0000000		
105: 36	6 30	1 35	5 31	0
1348.3115000				1348.3108764
0.0006236	-0.0003000	0.0000000		
106: 37	6 31	1 36	5 32	0
1348.5610900				1348.5606348
0.0004552	-0.0003000	0.0000000		
107: 38	6 32	1 37	5 33	0
1348.8094900				1348.8096928
-0.0002028	-0.0003000	0.0000000		
108: 39	6 33	1 38	5 34	0
1349.0586900				1349.0580483
0.0006417	-0.0003000	0.0000000		
109: 41	6 35	1 40	5 36	0
1349.5525100				1349.5526789
-0.0001689	-0.0003000	0.0000000		
110: 42	6 36	1 41	5 37	0
1349.7991300				1349.7989890
0.0001410	-0.0003000	0.0000000		
111: 43	6 37	1 42	5 38	0
1350.0453600				1350.0446689
0.0006911	-0.0003000	0.0000000		
112: 47	6 41	1 46	5 42	0
1351.0227400				1351.0222037
0.0005363	-0.0003000	0.0000000		
113: 49	6 43	1 48	5 44	0
1351.5081100				1351.5090988
-0.0009888	-0.0003000	0.0000000		
114: 11	7 4	1 10	6 5	0
1344.2600000				1344.2596620
0.0003380	-0.0003000	0.0000000		
115: 12	7 5	1 11	6 6	0
1344.5203800				1344.5202671
0.0001129	-0.0003000	0.0000000		
116: 16	7 9	1 15	6 10	0
1345.5605000				1345.5610592
-0.0005592	-0.0003000	0.0000000		
117: 17	7 10	1 16	6 11	0
1345.8203900				1345.8208030
-0.0004130	-0.0003000	0.0000000		
118: 18	7 11	1 17	6 12	0
1346.0802100				1346.0803440
-0.0001340	-0.0003000	0.0000000		
119: 20	7 13	1 19	6 14	0
1346.5984900				1346.5987694
-0.0002794	-0.0003000	0.0000000		
120: 21	7 14	1 20	6 15	0
1346.8574400				1346.8576282
-0.0001882	-0.0003000	0.0000000		
121: 25	7 18	1 24	6 19	0
1347.8899200				1347.8903724
-0.0004524	-0.0003000	0.0000000		
122: 26	7 19	1 25	6 20	0
1348.1475100				1348.1478077
-0.0002977	-0.0003000	0.0000000		
123: 28	7 21	1 27	6 22	0
1348.6615700				1348.6616590
-0.0000890	-0.0003000	0.0000000		
124: 30	7 23	1 29	6 24	0
1349.1740400				1349.1740277
0.0000123	-0.0003000	0.0000000		
125: 31	7 24	1 30	6 25	0
1349.4297000				1349.4296073
0.0000927	-0.0003000	0.0000000		
126: 32	7 25	1 31	6 26	0
1349.6846300				1349.6847565
-0.0001265	-0.0003000	0.0000000		
127: 33	7 26	1 32	6 27	0
1349.9392400				1349.9394541
-0.0002141	-0.0003000	0.0000000		

128: 36	7	29	1	35	6	30	0	1350.7003000	1350.7006155
-0.0003155	-0.0003000	0.0000000							
129: 37	7	30	1	36	6	31	0	1350.9527000	1350.9532826
-0.0005826	-0.0003000	0.0000000							
130: 38	7	31	1	37	6	32	0	1351.2052700	1351.2053838
-0.0001138	-0.0003000	0.0000000							
131: 39	7	32	1	38	6	33	0	1351.4567400	1351.4568952
-0.0001552	-0.0003000	0.0000000							
132: 40	7	33	1	39	6	34	0	1351.7078200	1351.7077926
0.0000274	-0.0003000	0.0000000							
133: 41	7	34	1	40	6	35	0	1351.9582000	1351.9580519
0.0001481	-0.0003000	0.0000000							
134: 42	7	35	1	41	6	36	0	1352.2074700	1352.2076490
-0.0001790	-0.0003000	0.0000000							
135: 43	7	36	1	42	6	37	0	1352.4559600	1352.4565605
-0.0006005	-0.0003000	0.0000000							
136: 47	7	40	1	46	6	41	0	1353.4448200	1353.4449044
-0.0000844	-0.0003000	0.0000000							
137: 49	7	42	1	48	6	43	0	1353.9345300	1353.9344231
0.0001069	-0.0003000	0.0000000							
138: 50	7	43	1	49	6	44	0	1354.1781700	1354.1779662
0.0002038	-0.0003000	0.0000000							
139: 52	7	45	1	51	6	46	0	1354.6634600	1354.6625814
0.0008786	-0.0003000	0.0000000							
140: 11	7	5	1	10	6	4	0	1344.2600000	1344.2596620
0.0003380	-0.0003000	0.0000000							
141: 12	7	6	1	11	6	5	0	1344.5203800	1344.5202671
0.0001129	-0.0003000	0.0000000							
142: 16	7	10	1	15	6	9	0	1345.5605000	1345.5610592
-0.0005592	-0.0003000	0.0000000							
143: 17	7	11	1	16	6	10	0	1345.8203900	1345.8208030
-0.0004130	-0.0003000	0.0000000							
144: 18	7	12	1	17	6	11	0	1346.0802100	1346.0803440
-0.0001340	-0.0003000	0.0000000							
145: 20	7	14	1	19	6	13	0	1346.5984900	1346.5987693
-0.0002793	-0.0003000	0.0000000							
146: 21	7	15	1	20	6	14	0	1346.8574400	1346.8576280
-0.0001880	-0.0003000	0.0000000							
147: 25	7	19	1	24	6	18	0	1347.8899200	1347.8903707
-0.0004507	-0.0003000	0.0000000							
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175: 28	8	20	1	27 7 21 0
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178: 31	8	23	1	30 7 24 0
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179: 32	8	24	1	31 7 25 0
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328: 49 10 40 1 48 9 39 0	1360.9501200	1360.9499576
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329: 50 10 41 1 49 9 40 0	1361.2022200	1361.2020317
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337: 12 10 2 1 11 9 3 0	1351.4254700	1351.4254074
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338: 13 10 3 1 12 9 4 0	1351.6865700	1351.6862298
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339: 14 10 4 1 13 9 5 0	1351.9472500	1351.9469289
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341: 17 10 7 1 16 9 8 0	1352.7283900	1352.7282475
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344: 20 10 10 1 19 9 11 0	1353.5082200	1353.5083053
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345: 21 10 11 1 20 9 12 0	1353.7681100	1353.7680219
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346: 22 10 12 1 21 9 13 0	1354.0274900	1354.0275784
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347: 23 10 13 1 22 9 14 0	1354.2868200	1354.2869693
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349: 27 10 17 1 26 9 18 0	1355.3231200	1355.3227584
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350: 28 10 18 1 27 9 19 0	1355.5813700	1355.5812308
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351: 29 10 19 1 28 9 20 0	1355.8393000	1355.8394999
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352: 30 10 20 1 29 9 21 0	1356.0974600	1356.0975587
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354: 32 10 22 1 31 9 23 0	1356.6130900	1356.6130169
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355: 33 10 23 1 32 9 24 0	1356.8707600	1356.8704011

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357:	35	10	25	1	34
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358:	36	10	26	1	35
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359:	37	10	27	1	36
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360:	39	10	29	1	38
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361:	40	10	30	1	39
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362:	41	10	31	1	40
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363:	42	10	32	1	41
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364:	43	10	33	1	42
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365:	44	10	34	1	43
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366:	45	10	35	1	44
-0.0000033	-0.0003000	0.0000000	1359.9378400	1359.9378433	
367:	46	10	36	1	45
0.0001172	-0.0003000	0.0000000	1360.1915400	1360.1914228	
368:	47	10	37	1	46
0.0000978	-0.0003000	0.0000000	1360.4447400	1360.4446422	
369:	49	10	39	1	48
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370:	50	10	40	1	49
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371:	51	10	41	1	50
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372:	52	10	42	1	51
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373:	53	10	43	1	52
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374:	55	10	45	1	54
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375:	56	10	46	1	55
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376:	11	11	0	1	10
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377:	12	11	1	1	11
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378:	13	11	2	1	12
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379:	14	11	3	1	13
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380:	15	11	4	1	14
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381:	16	11	5	1	15
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382:	17	11	6	1	16
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383:	18	11	7	1	17
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384:	19	11	8	1	18
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385:	20	11	9	1	19
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386:	21	11	10	1	20
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387:	22	11	11	1	21
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390: 25 11 14 1 24 10 15 0	1357.0455300	1357.0459969
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391: 27 11 16 1 26 10 17 0	1357.5640900	1357.5640724
0.0000176 -0.0003000 0.0000000		
392: 28 11 17 1 27 10 18 0	1357.8229500	1357.8228478
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393: 29 11 18 1 28 10 19 0	1358.0810300	1358.0814410
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394: 30 11 19 1 29 10 20 0	1358.3404500	1358.3398465
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395: 31 11 20 1 30 10 21 0	1358.5980900	1358.5980585
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396: 32 11 21 1 31 10 22 0	1358.8562100	1358.8560711
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397: 33 11 22 1 32 10 23 0	1359.1138200	1359.1138782
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399: 35 11 24 1 34 10 25 0	1359.6289400	1359.6288510
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400: 36 11 25 1 35 10 26 0	1359.8858900	1359.8860038
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401: 37 11 26 1 36 10 27 0	1360.1428800	1360.1429255
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402: 38 11 27 1 37 10 28 0	1360.3990800	1360.3996091
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403: 39 11 28 1 38 10 29 0	1360.6558500	1360.6560478
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407: 43 11 32 1 42 10 33 0	1361.6792500	1361.6792095
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408: 44 11 33 1 43 10 34 0	1361.9341900	1361.9343143
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409: 45 11 34 1 44 10 35 0	1362.1887000	1362.1891295
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410: 46 11 35 1 45 10 36 0	1362.4437200	1362.4436471
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411: 47 11 36 1 46 10 37 0	1362.6975500	1362.6978590
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412: 51 11 40 1 50 10 41 0	1363.7116000	1363.7114825
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413: 53 11 42 1 52 10 43 0	1364.2162200	1364.2162385
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414: 54 11 43 1 53 10 44 0	1364.4680300	1364.4680713
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415: 55 11 44 1 54 10 45 0	1364.7191700	1364.7195283
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416: 58 11 47 1 57 10 48 0	1365.4714000	1365.4715492
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420: 12 11 2 1 11 10 1 0	1353.6637300	1353.6639415

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423: 15	11	5	1	14 10 4 0
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425: 17	11	7	1	16 10 6 0
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426: 18	11	8	1	17 10 7 0
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427: 19	11	9	1	18 10 8 0
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428: 20	11	10	1	19 10 9 0
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429: 21	11	11	1	20 10 10 0
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432: 24	11	14	1	23 10 13 0
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435: 28	11	18	1	27 10 17 0
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436: 29	11	19	1	28 10 18 0
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441: 34	11	24	1	33 10 23 0
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442: 35	11	25	1	34 10 24 0
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443: 36	11	26	1	35 10 25 0
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444: 37	11	27	1	36 10 26 0
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445: 38	11	28	1	37 10 27 0
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446: 39	11	29	1	38 10 28 0
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447: 40	11	30	1	39 10 29 0
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451: 44	11	34	1	43 10 33 0
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452: 45	11	35	1	44 10 34 0
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456: 53 11 43 1 52 10 42 0	1364.2162200	1364.2162385
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457: 54 11 44 1 53 10 43 0	1364.4680300	1364.4680713
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458: 55 11 45 1 54 10 44 0	1364.7191700	1364.7195283
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495:	46	12	34	1 45 11 35 0
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496:	47	12	35	1 46 11 36 0
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504:	15	12	4	1 14 11 3 0
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505:	16	12	5	1 15 11 4 0
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506:	17	12	6	1 16 11 5 0
0.0004176	-0.0003000	0.0000000	1357.1738900	1357.1734724
507:	18	12	7	1 17 11 6 0
0.0004275	-0.0003000	0.0000000	1357.4343700	1357.4339425
508:	19	12	8	1 18 11 7 0
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509:	20	12	9	1 19 11 8 0
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510:	21	12	10	1 20 11 9 0
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511:	22	12	11	1 21 11 10 0
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512:	23	12	12	1 22 11 11 0
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513:	24	12	13	1 23 11 12 0
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514:	25	12	14	1 24 11 13 0
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515:	26	12	15	1 25 11 14 0
0.0001296	-0.0003000	0.0000000	1359.5129800	1359.5128504
516:	27	12	16	1 26 11 15 0
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517:	28	12	17	1 27 11 16 0
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520:	31	12	20	1	30	11	19	0	1360.8074000	1360.8071684
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521:	32	12	21	1	31	11	20	0	1361.0651800	1361.0655075
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522:	33	12	22	1	32	11	21	0	1361.3239400	1361.3236601
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523:	34	12	23	1	33	11	22	0	1361.5818900	1361.5816212
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524:	35	12	24	1	34	11	23	0	1361.8398700	1361.8393855
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525:	36	12	25	1	35	11	24	0	1362.0968100	1362.0969476
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526:	37	12	26	1	36	11	25	0	1362.3545600	1362.3543021
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527:	38	12	27	1	37	11	26	0	1362.6116300	1362.6114433
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528:	39	12	28	1	38	11	27	0	1362.8682800	1362.8683655
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529:	40	12	29	1	39	11	28	0	1363.1251200	1363.1250628
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530:	41	12	30	1	40	11	29	0	1363.3817000	1363.3815295
0.0001705	-0.0003000	0.0000000								
531:	42	12	31	1	41	11	30	0	1363.6371200	1363.6377594
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532:	43	12	32	1	42	11	31	0	1363.8937200	1363.8937463
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533:	44	12	33	1	43	11	32	0	1364.1489000	1364.1494841
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534:	45	12	34	1	44	11	33	0	1364.4048500	1364.4049663
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535:	46	12	35	1	45	11	34	0	1364.6606600	1364.6601866
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536:	47	12	36	1	46	11	35	0	1364.9153000	1364.9151382
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537:	49	12	38	1	48	11	37	0	1365.4239300	1365.4242089
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538:	50	12	39	1	49	11	38	0	1365.6780900	1365.6783143
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539:	51	12	40	1	50	11	39	0	1365.9310300	1365.9321237
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540:	52	12	41	1	51	11	40	0	1366.1850600	1366.1856300
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544:	14	13	1	1	13	12	2	0	1358.5630900	1358.5630211
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551:	21	13	8	1	20 12 9 0
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553:	23	13	10	1	22 12 11 0
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554:	25	13	12	1	24 12 13 0
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555:	26	13	13	1	25 12 14 0
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556:	27	13	14	1	26 12 15 0
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557:	28	13	15	1	27 12 16 0
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558:	29	13	16	1	28 12 17 0
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559:	30	13	17	1	29 12 18 0
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560:	31	13	18	1	30 12 19 0
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565:	37	13	24	1	36 12 25 0
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568:	40	13	27	1	39 12 28 0
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569:	41	13	28	1	40 12 29 0
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570:	42	13	29	1	41 12 30 0
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571:	43	13	30	1	42 12 31 0
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572:	44	13	31	1	43 12 32 0
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573:	45	13	32	1	44 12 33 0
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575:	48	13	35	1	47 12 36 0
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576:	49	13	36	1	48 12 37 0
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577:	50	13	37	1	49 12 38 0
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578:	51	13	38	1	50 12 39 0
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579:	52	13	39	1	51 12 40 0
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580:	54	13	41	1	53 12 42 0
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581:	55	13	42	1	54 12 43 0
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582:	13	13	1	1	12 12 0 0
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585:	16	13	4	1	15	12	3	0	1359.0847200	1359.0848221
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586:	17	13	5	1	16	12	4	0	1359.3458600	1359.3455543
	0.0003057	-0.0003000	0.0000000							
587:	18	13	6	1	17	12	5	0	1359.6060200	1359.6061703
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588:	19	13	7	1	18	12	6	0	1359.8666300	1359.8666670
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589:	20	13	8	1	19	12	7	0	1360.1272700	1360.1270412
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590:	21	13	9	1	20	12	8	0	1360.3874700	1360.3872897
	0.0001803	-0.0003000	0.0000000							
591:	22	13	10	1	21	12	9	0	1360.6470700	1360.6474091
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592:	23	13	11	1	22	12	10	0	1360.9073800	1360.9073960
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593:	25	13	13	1	24	12	12	0	1361.4268200	1361.4269577
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594:	26	13	14	1	25	12	13	0	1361.6866700	1361.6865252
	0.0001448	-0.0003000	0.0000000							
595:	27	13	15	1	26	12	14	0	1361.9466200	1361.9459454
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596:	28	13	16	1	27	12	15	0	1362.2056200	1362.2052144
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597:	29	13	17	1	28	12	16	0	1362.4640300	1362.4643282
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598:	30	13	18	1	29	12	17	0	1362.7231800	1362.7232828
	-0.0001028	-0.0003000	0.0000000							
599:	31	13	19	1	30	12	18	0	1362.9819100	1362.9820738
	-0.0001638	-0.0003000	0.0000000							
600:	32	13	20	1	31	12	19	0	1363.2404600	1363.2406971
	-0.0002371	-0.0003000	0.0000000							
601:	33	13	21	1	32	12	20	0	1363.4997100	1363.4991484
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602:	35	13	23	1	34	12	22	0	1364.0154400	1364.0155168
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603:	36	13	24	1	35	12	23	0	1364.2738400	1364.2734249
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604:	37	13	25	1	36	12	24	0	1364.5313300	1364.5311426
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605:	38	13	26	1	37	12	25	0	1364.7884200	1364.7886651
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607:	40	13	28	1	39	12	27	0	1365.3035900	1365.3031053
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608:	41	13	29	1	40	12	28	0	1365.5600000	1365.5600129
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609:	42	13	30	1	41	12	29	0	1365.8169700	1365.8167054
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610:	43	13	31	1	42	12	30	0	1366.0729900	1366.0731775
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611:	44	13	32	1	43	12	31	0	1366.3298200	1366.3294241
	0.0003959	-0.0003000	0.0000000							
612:	45	13	33	1	44	12	32	0	1366.5855000	1366.5854396
	0.0000604	-0.0003000	0.0000000							
613:	47	13	35	1	46	12	34	0	1367.0963800	1367.0967559
	-0.0003759	-0.0003000	0.0000000							
614:	48	13	36	1	47	12	35	0	1367.3519600	1367.3520454
	-0.0000854	-0.0003000	0.0000000							
615:	49	13	37	1	48	12	36	0	1367.6070000	1367.6070817

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616:	50	13	38	1	49 12 37 0
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619:	54	13	42	1	53 12 41 0
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622:	16	14	2	1	15 13 3 0
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623:	17	14	3	1	16 13 4 0
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631:	25	14	11	1	24 13 12 0
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633:	27	14	13	1	26 13 14 0
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634:	28	14	14	1	27 13 15 0
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635:	29	14	15	1	28 13 16 0
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642:	36	14	22	1	35 13 23 0
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643:	37	14	23	1	36 13 24 0
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644:	38	14	24	1	37 13 25 0
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645:	40	14	26	1	39 13 27 0
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646:	41	14	27	1	40 13 28 0
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647:	42	14	28	1	41 13 29 0
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650:	15	14	2	1	14	13	1	0	1360.9612800	1360.9610623
0.0002177	-0.0003000	0.0000000								
651:	16	14	3	1	15	13	2	0	1361.2222500	1361.2220408
0.0002092	-0.0003000	0.0000000								
652:	17	14	4	1	16	13	3	0	1361.4826700	1361.4829116
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653:	18	14	5	1	17	13	4	0	1361.7435700	1361.7436719
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654:	19	14	6	1	18	13	5	0	1362.0042200	1362.0043188
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655:	20	14	7	1	19	13	6	0	1362.2648400	1362.2648494
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656:	21	14	8	1	20	13	7	0	1362.5256700	1362.5252608
0.0004092	-0.0003000	0.0000000								
657:	22	14	9	1	21	13	8	0	1362.7857000	1362.7855498
0.0001502	-0.0003000	0.0000000								
658:	23	14	10	1	22	13	9	0	1363.0456500	1363.0457133
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659:	24	14	11	1	23	13	10	0	1363.3056100	1363.3057481
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660:	25	14	12	1	24	13	11	0	1363.5659300	1363.5656509
0.0002791	-0.0003000	0.0000000								
661:	26	14	13	1	25	13	12	0	1363.8254600	1363.8254183
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662:	27	14	14	1	26	13	13	0	1364.0851500	1364.0850469
0.0001031	-0.0003000	0.0000000								
663:	28	14	15	1	27	13	14	0	1364.3446800	1364.3445332
0.0001468	-0.0003000	0.0000000								
664:	29	14	16	1	28	13	15	0	1364.6039300	1364.6038736
0.0000564	-0.0003000	0.0000000								
665:	30	14	17	1	29	13	16	0	1364.8628000	1364.8630645
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666:	31	14	18	1	30	13	17	0	1365.1221300	1365.1221022
0.0000278	-0.0003000	0.0000000								
667:	32	14	19	1	31	13	18	0	1365.3806400	1365.3809828
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668:	33	14	20	1	32	13	19	0	1365.6396900	1365.6397025
-0.0000125	-0.0003000	0.0000000								
669:	34	14	21	1	33	13	20	0	1365.8979900	1365.8982574
-0.0002674	-0.0003000	0.0000000								
670:	35	14	22	1	34	13	21	0	1366.1569700	1366.1566435
0.0003265	-0.0003000	0.0000000								
671:	36	14	23	1	35	13	22	0	1366.4149700	1366.4148567
0.0001133	-0.0003000	0.0000000								
672:	37	14	24	1	36	13	23	0	1366.6735800	1366.6728929
0.0006871	-0.0003000	0.0000000								
673:	38	14	25	1	37	13	24	0	1366.9309400	1366.9307478
0.0001922	-0.0003000	0.0000000								
674:	40	14	27	1	39	13	26	0	1367.4465200	1367.4458968
0.0006232	-0.0003000	0.0000000								
675:	41	14	28	1	40	13	27	0	1367.7033600	1367.7031821
0.0001779	-0.0003000	0.0000000								
676:	42	14	29	1	41	13	28	0	1367.9602600	1367.9602687
-0.0000087	-0.0003000	0.0000000								
677:	43	14	30	1	42	13	29	0	1368.2170400	1368.2171521
-0.0001121	-0.0003000	0.0000000								
678:	44	14	31	1	43	13	30	0	1368.4732000	1368.4738275
-0.0006275	-0.0003000	0.0000000								
679:	15	15	0	1	14	14	1	0	1363.0626000	1363.0627253
-0.0001253	-0.0003000	0.0000000								
680:	16	15	1	1	15	14	2	0	1363.3239000	1363.3238372

0.0000628	-0.0003000	0.0000000		
681: 17	15	2	1	16 14 3 0
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-0.0001063	-0.0003000	0.0000000		
682: 18	15	3	1	17 14 4 0
1363.8455500				1363.8457500
-0.0002000	-0.0003000	0.0000000		
683: 19	15	4	1	18 14 5 0
1364.1069700				1364.1065456
0.0004244	-0.0003000	0.0000000		
684: 20	15	5	1	19 14 6 0
1364.3673500				1364.3672303
0.0001197	-0.0003000	0.0000000		
685: 21	15	6	1	20 14 7 0
1364.6278900				1364.6278015
0.0000885	-0.0003000	0.0000000		
686: 23	15	8	1	22 14 9 0
1365.1486500				1365.1485913
0.0000587	-0.0003000	0.0000000		
687: 24	15	9	1	23 14 10 0
1365.4087700				1365.4088042
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688: 25	15	10	1	24 14 11 0
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689: 26	15	11	1	25 14 12 0
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690: 27	15	12	1	26 14 13 0
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691: 28	15	13	1	27 14 14 0
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692: 29	15	14	1	28 14 15 0
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693: 30	15	15	1	29 14 16 0
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-0.0001069	-0.0003000	0.0000000		
694: 31	15	16	1	30 14 17 0
1367.2269000				1367.2266047
0.0002953	-0.0003000	0.0000000		
695: 32	15	17	1	31 14 18 0
1367.4854700				1367.4857242
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696: 33	15	18	1	32 14 19 0
1367.7446100				1367.7446918
-0.0000818	-0.0003000	0.0000000		
697: 34	15	19	1	33 14 20 0
1368.0034800				1368.0035041
-0.0000241	-0.0003000	0.0000000		
698: 35	15	20	1	34 14 21 0
1368.2620900				1368.2621574
-0.0000674	-0.0003000	0.0000000		
699: 36	15	21	1	35 14 22 0
1368.5207200				1368.5206480
0.0000720	-0.0003000	0.0000000		
700: 41	15	26	1	40 14 27 0
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-0.0001786	-0.0003000	0.0000000		
701: 42	15	27	1	41 14 28 0
1370.0674400				1370.0679629
-0.0005229	-0.0003000	0.0000000		
702: 43	15	28	1	42 14 29 0
1370.3252300				1370.3252074
0.0000226	-0.0003000	0.0000000		
703: 44	15	29	1	43 14 30 0
1370.5826200				1370.5822577
0.0003623	-0.0003000	0.0000000		
704: 45	15	30	1	44 14 31 0
1370.8386700				1370.8391099
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705: 46	15	31	1	45 14 32 0
1371.0954700				1371.0957597
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706: 48	15	33	1	47 14 34 0
1371.6081300				1371.6084347
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707: 15	15	1	1	14 14 0 0
1363.0626000				1363.0627253
-0.0001253	-0.0003000	0.0000000		
708: 16	15	2	1	15 14 1 0
1363.3239000				1363.3238372
0.0000628	-0.0003000	0.0000000		
709: 17	15	3	1	16 14 2 0
1363.5847400				1363.5848463
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710: 18	15	4	1	17 14 3 0
1363.8455500				1363.8457500
-0.0002000	-0.0003000	0.0000000		
711: 19	15	5	1	18 14 4 0
1364.1069700				1364.1065456
0.0004244	-0.0003000	0.0000000		
712: 20	15	6	1	19 14 5 0
1364.3673500				1364.3672303
0.0001197	-0.0003000	0.0000000		

713:	21	15	7	1	20	14	6	0	1364.6278900	1364.6278015
0.0000885	-0.0003000	0.0000000								
714:	23	15	9	1	22	14	8	0	1365.1486500	1365.1485913
0.0000587	-0.0003000	0.0000000								
715:	24	15	10	1	23	14	9	0	1365.4087700	1365.4088042
-0.0000342	-0.0003000	0.0000000								
716:	25	15	11	1	24	14	10	0	1365.6688600	1365.6688916
-0.0000316	-0.0003000	0.0000000								
717:	26	15	12	1	25	14	11	0	1365.9286600	1365.9288505
-0.0001905	-0.0003000	0.0000000								
718:	27	15	13	1	26	14	12	0	1366.1890400	1366.1886777
0.0003623	-0.0003000	0.0000000								
719:	28	15	14	1	27	14	13	0	1366.4479400	1366.4483700
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720:	29	15	15	1	28	14	14	0	1366.7079100	1366.7079242
-0.0000142	-0.0003000	0.0000000								
721:	30	15	16	1	29	14	15	0	1366.9672300	1366.9673369
-0.0001069	-0.0003000	0.0000000								
722:	31	15	17	1	30	14	16	0	1367.2269000	1367.2266047
0.0002953	-0.0003000	0.0000000								
723:	32	15	18	1	31	14	17	0	1367.4854700	1367.4857242
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724:	33	15	19	1	32	14	18	0	1367.7446100	1367.7446918
-0.0000818	-0.0003000	0.0000000								
725:	34	15	20	1	33	14	19	0	1368.0034800	1368.0035041
-0.0000241	-0.0003000	0.0000000								
726:	35	15	21	1	34	14	20	0	1368.2620900	1368.2621574
-0.0000674	-0.0003000	0.0000000								
727:	36	15	22	1	35	14	21	0	1368.5207200	1368.5206480
0.0000720	-0.0003000	0.0000000								
728:	41	15	27	1	40	14	26	0	1369.8103500	1369.8105286
-0.0001786	-0.0003000	0.0000000								
729:	42	15	28	1	41	14	27	0	1370.0674400	1370.0679629
-0.0005229	-0.0003000	0.0000000								
730:	43	15	29	1	42	14	28	0	1370.3252300	1370.3252074
0.0000226	-0.0003000	0.0000000								
731:	44	15	30	1	43	14	29	0	1370.5826200	1370.5822577
0.0003623	-0.0003000	0.0000000								
732:	45	15	31	1	44	14	30	0	1370.8386700	1370.8391099
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733:	46	15	32	1	45	14	31	0	1371.0954700	1371.0957597
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734:	48	15	34	1	47	14	33	0	1371.6081300	1371.6084347
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735:	16	16	0	1	15	15	1	0	1365.3899200	1365.3895784
0.0003416	-0.0003000	0.0000000								
736:	17	16	1	1	16	15	2	0	1365.6503700	1365.6507255
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737:	18	16	2	1	17	15	3	0	1365.9117200	1365.9117719
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738:	19	16	3	1	18	15	4	0	1366.1729400	1366.1727150
0.0002250	-0.0003000	0.0000000								
739:	20	16	4	1	19	15	5	0	1366.4338600	1366.4335521
0.0003079	-0.0003000	0.0000000								
740:	22	16	6	1	21	15	7	0	1366.9547700	1366.9548979
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741:	23	16	7	1	22	15	8	0	1367.2155600	1367.2154011
0.0001589	-0.0003000	0.0000000								
742:	24	16	8	1	23	15	9	0	1367.4762300	1367.4757875
0.0004425	-0.0003000	0.0000000								
743:	25	16	9	1	24	15	10	0	1367.7354500	1367.7360542
-0.0006042	-0.0003000	0.0000000								
744:	26	16	10	1	25	15	11	0	1367.9959300	1367.9961983
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745:	27	16	11	1	26	15	12	0	1368.2562100	1368.2562168

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746:	28	16	12	1 27 15 13 0
0.0003332	-0.0003000	0.0000000	1368.5164400	1368.5161068
747:	29	16	13	1 28 15 14 0
0.0005248	-0.0003000	0.0000000	1368.7763900	1368.7758652
748:	30	16	14	1 29 15 15 0
0.0003110	-0.0003000	0.0000000	1369.0358000	1369.0354890
749:	31	16	15	1 30 15 16 0
0.0000251	-0.0003000	0.0000000	1369.2950000	1369.2949749
750:	33	16	17	1 32 15 18 0
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751:	35	16	19	1 34 15 20 0
0.0006441	-0.0003000	0.0000000	1370.3321200	1370.3314759
752:	37	16	21	1 36 15 22 0
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753:	38	16	22	1 37 15 23 0
0.0003865	-0.0003000	0.0000000	1371.1076300	1371.1072435
754:	39	16	23	1 38 15 24 0
0.0002119	-0.0003000	0.0000000	1371.3657200	1371.3655081
755:	40	16	24	1 39 15 25 0
0.0006955	-0.0003000	0.0000000	1371.6243000	1371.6236045
756:	41	16	25	1 40 15 26 0
0.0001610	-0.0003000	0.0000000	1371.8816900	1371.8815290
757:	44	16	28	1 43 15 29 0
0.0003051	-0.0003000	0.0000000	1372.6545400	1372.6542349
758:	45	16	29	1 44 15 30 0
0.0005848	-0.0003000	0.0000000	1372.9120200	1372.9114352
759:	46	16	30	1 45 15 31 0
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760:	47	16	31	1 46 15 32 0
0.0004998	-0.0003000	0.0000000	1373.4257600	1373.4252602
761:	49	16	33	1 48 15 34 0
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762:	16	16	1	1 15 15 0 0
0.0003416	-0.0003000	0.0000000	1365.3899200	1365.3895784
763:	17	16	2	1 16 15 1 0
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764:	18	16	3	1 17 15 2 0
-0.0000519	-0.0003000	0.0000000	1365.9117200	1365.9117719
765:	19	16	4	1 18 15 3 0
0.0002250	-0.0003000	0.0000000	1366.1729400	1366.1727150
766:	20	16	5	1 19 15 4 0
0.0003079	-0.0003000	0.0000000	1366.4338600	1366.4335521
767:	22	16	7	1 21 15 6 0
-0.0001279	-0.0003000	0.0000000	1366.9547700	1366.9548979
768:	23	16	8	1 22 15 7 0
0.0001589	-0.0003000	0.0000000	1367.2155600	1367.2154011
769:	24	16	9	1 23 15 8 0
0.0004425	-0.0003000	0.0000000	1367.4762300	1367.4757875
770:	25	16	10	1 24 15 9 0
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771:	26	16	11	1 25 15 10 0
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772:	27	16	12	1 26 15 11 0
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773:	28	16	13	1 27 15 12 0
0.0003332	-0.0003000	0.0000000	1368.5164400	1368.5161068
774:	29	16	14	1 28 15 13 0
0.0005248	-0.0003000	0.0000000	1368.7763900	1368.7758652
775:	30	16	15	1 29 15 14 0
0.0003110	-0.0003000	0.0000000	1369.0358000	1369.0354890
776:	31	16	16	1 30 15 15 0
0.0000251	-0.0003000	0.0000000	1369.2950000	1369.2949749
777:	33	16	18	1 32 15 17 0
-0.0000105	-0.0003000	0.0000000	1369.8135100	1369.8135205

778:	35	16	20	1	34	15	19	0	1370.3321200	1370.3314759
0.0006441	-0.0003000	0.0000000								
779:	37	16	22	1	36	15	21	0	1370.8485600	1370.8488143
-0.0002543	-0.0003000	0.0000000								
780:	38	16	23	1	37	15	22	0	1371.1076300	1371.1072435
0.0003865	-0.0003000	0.0000000								
781:	39	16	24	1	38	15	23	0	1371.3657200	1371.3655081
0.0002119	-0.0003000	0.0000000								
782:	40	16	25	1	39	15	24	0	1371.6243000	1371.6236045
0.0006955	-0.0003000	0.0000000								
783:	41	16	26	1	40	15	25	0	1371.8816900	1371.8815290
0.0001610	-0.0003000	0.0000000								
784:	44	16	29	1	43	15	28	0	1372.6545400	1372.6542349
0.0003051	-0.0003000	0.0000000								
785:	45	16	30	1	44	15	29	0	1372.9120200	1372.9114352
0.0005848	-0.0003000	0.0000000								
786:	46	16	31	1	45	15	30	0	1373.1683100	1373.1684449
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787:	47	16	32	1	46	15	31	0	1373.4257600	1373.4252602
0.0004998	-0.0003000	0.0000000								
788:	49	16	34	1	48	15	33	0	1373.9378600	1373.9382917
-0.0004317	-0.0003000	0.0000000								
789:	17	17	0	1	16	16	1	0	1367.6797700	1367.6799807
-0.0002107	-0.0003000	0.0000000								
790:	18	17	1	1	17	16	2	0	1367.9406700	1367.9411690
-0.0004990	-0.0003000	0.0000000								
791:	20	17	3	1	19	16	4	0	1368.4633100	1368.4632462
0.0000638	-0.0003000	0.0000000								
792:	21	17	4	1	20	16	5	0	1368.7237100	1368.7241300
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793:	23	17	6	1	22	16	7	0	1369.2453100	1369.2455752
-0.0002652	-0.0003000	0.0000000								
794:	24	17	7	1	23	16	8	0	1369.5060200	1369.5061313
-0.0001113	-0.0003000	0.0000000								
795:	25	17	8	1	24	16	9	0	1369.7665300	1369.7665727
-0.0000427	-0.0003000	0.0000000								
796:	26	17	9	1	25	16	10	0	1370.0266800	1370.0268968
-0.0002168	-0.0003000	0.0000000								
797:	27	17	10	1	26	16	11	0	1370.2873500	1370.2871007
0.0002493	-0.0003000	0.0000000								
798:	28	17	11	1	27	16	12	0	1370.5469500	1370.5471816
-0.0002316	-0.0003000	0.0000000								
799:	29	17	12	1	28	16	13	0	1370.8065100	1370.8071367
-0.0006267	-0.0003000	0.0000000								
800:	30	17	13	1	29	16	14	0	1371.0670700	1371.0669630
0.0001070	-0.0003000	0.0000000								
801:	31	17	14	1	30	16	15	0	1371.3273400	1371.3266575
0.0006825	-0.0003000	0.0000000								
802:	33	17	16	1	32	16	17	0	1371.8460300	1371.8456393
0.0003907	-0.0003000	0.0000000								
803:	34	17	17	1	33	16	18	0	1372.1050500	1372.1049205
0.0001295	-0.0003000	0.0000000								
804:	35	17	18	1	34	16	19	0	1372.3639400	1372.3640577
-0.0001177	-0.0003000	0.0000000								
805:	36	17	19	1	35	16	20	0	1372.6224400	1372.6230477
-0.0006077	-0.0003000	0.0000000								
806:	37	17	20	1	36	16	21	0	1372.8821600	1372.8818875
0.0002725	-0.0003000	0.0000000								
807:	38	17	21	1	37	16	22	0	1373.1411300	1373.1405737
0.0005563	-0.0003000	0.0000000								
808:	39	17	22	1	38	16	23	0	1373.3992600	1373.3991031
0.0001569	-0.0003000	0.0000000								
809:	41	17	24	1	40	16	25	0	1373.9151800	1373.9156781
-0.0004981	-0.0003000	0.0000000								
810:	42	17	25	1	41	16	26	0	1374.1741700	1374.1737169

0.0004531	-0.0003000	0.0000000								
811: 43	17	26	1	42	16	27	0			
-0.0000555	-0.0003000	0.0000000						1374.4315300	1374.4315855	
812: 46	17	29	1	45	16	30	0			
0.0007354	-0.0003000	0.0000000						1375.2048700	1375.2041346	
813: 47	17	30	1	46	16	31	0			
0.0005031	-0.0003000	0.0000000						1375.4617900	1375.4612869	
814: 48	17	31	1	47	16	32	0			
-0.0003912	-0.0003000	0.0000000						1375.7178600	1375.7182512	
815: 49	17	32	1	48	16	33	0			
-0.0001539	-0.0003000	0.0000000						1375.9748700	1375.9750239	
816: 17	17	1	1	16	16	0	0			
-0.0002107	-0.0003000	0.0000000						1367.6797700	1367.6799807	
817: 18	17	2	1	17	16	1	0			
-0.0004990	-0.0003000	0.0000000						1367.9406700	1367.9411690	
818: 20	17	4	1	19	16	3	0			
0.0000638	-0.0003000	0.0000000						1368.4633100	1368.4632462	
819: 21	17	5	1	20	16	4	0			
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820: 23	17	7	1	22	16	6	0			
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821: 24	17	8	1	23	16	7	0			
-0.0001113	-0.0003000	0.0000000						1369.5060200	1369.5061313	
822: 25	17	9	1	24	16	8	0			
-0.0000427	-0.0003000	0.0000000						1369.7665300	1369.7665727	
823: 26	17	10	1	25	16	9	0			
-0.0002168	-0.0003000	0.0000000						1370.0266800	1370.0268968	
824: 27	17	11	1	26	16	10	0			
0.0002493	-0.0003000	0.0000000						1370.2873500	1370.2871007	
825: 28	17	12	1	27	16	11	0			
-0.0002316	-0.0003000	0.0000000						1370.5469500	1370.5471816	
826: 29	17	13	1	28	16	12	0			
-0.0006267	-0.0003000	0.0000000						1370.8065100	1370.8071367	
827: 30	17	14	1	29	16	13	0			
0.0001070	-0.0003000	0.0000000						1371.0670700	1371.0669630	
828: 31	17	15	1	30	16	14	0			
0.0006825	-0.0003000	0.0000000						1371.3273400	1371.3266575	
829: 33	17	17	1	32	16	16	0			
0.0003907	-0.0003000	0.0000000						1371.8460300	1371.8456393	
830: 34	17	18	1	33	16	17	0			
0.0001295	-0.0003000	0.0000000						1372.1050500	1372.1049205	
831: 35	17	19	1	34	16	18	0			
-0.0001177	-0.0003000	0.0000000						1372.3639400	1372.3640577	
832: 36	17	20	1	35	16	19	0			
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833: 37	17	21	1	36	16	20	0			
0.0002725	-0.0003000	0.0000000						1372.8821600	1372.8818875	
834: 38	17	22	1	37	16	21	0			
0.0005563	-0.0003000	0.0000000						1373.1411300	1373.1405737	
835: 39	17	23	1	38	16	22	0			
0.0001569	-0.0003000	0.0000000						1373.3992600	1373.3991031	
836: 41	17	25	1	40	16	24	0			
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837: 42	17	26	1	41	16	25	0			
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838: 43	17	27	1	42	16	26	0			
-0.0000555	-0.0003000	0.0000000						1374.4315300	1374.4315855	
839: 46	17	30	1	45	16	29	0			
0.0007354	-0.0003000	0.0000000						1375.2048700	1375.2041346	
840: 47	17	31	1	46	16	30	0			
0.0005031	-0.0003000	0.0000000						1375.4617900	1375.4612869	
841: 48	17	32	1	47	16	31	0			
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842: 49	17	33	1	48	16	32	0			
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843: 18 18 0 1 17 17 1 0	1369.9327200	1369.9334340
-0.0007140 -0.0003000 0.0000000		
844: 19 18 1 1 18 17 2 0	1370.1940500	1370.1946682
-0.0006182 -0.0003000 0.0000000		
845: 21 18 3 1 20 17 4 0	1370.7159100	1370.7168418
-0.0009318 -0.0003000 0.0000000		
846: 22 18 4 1 21 17 5 0	1370.9777200	1370.9777763
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847: 23 18 5 1 22 17 6 0	1371.2386700	1371.2386060
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848: 24 18 6 1 23 17 7 0	1371.4987900	1371.4993281
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849: 25 18 7 1 24 17 8 0	1371.7595000	1371.7599402
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850: 26 18 8 1 25 17 9 0	1372.0204800	1372.0204395
0.0000405 -0.0003000 0.0000000		
851: 27 18 9 1 26 17 10 0	1372.2805600	1372.2808235
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852: 28 18 10 1 27 17 11 0	1372.5403700	1372.5410894
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853: 29 18 11 1 28 17 12 0	1372.8007900	1372.8012344
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854: 30 18 12 1 29 17 13 0	1373.0614700	1373.0612559
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855: 32 18 14 1 31 17 15 0	1373.5814600	1373.5809166
0.0005434 -0.0003000 0.0000000		
856: 33 18 15 1 32 17 16 0	1373.8410300	1373.8405502
0.0004798 -0.0003000 0.0000000		
857: 34 18 16 1 33 17 17 0	1374.1005400	1374.1000486
0.0004914 -0.0003000 0.0000000		
858: 35 18 17 1 34 17 18 0	1374.3592900	1374.3594091
-0.0001191 -0.0003000 0.0000000		
859: 38 18 20 1 37 17 21 0	1375.1368000	1375.1366323
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860: 39 18 21 1 38 17 22 0	1375.3953900	1375.3954105
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861: 40 18 22 1 39 17 23 0	1375.6540200	1375.6540354
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862: 42 18 24 1 41 17 25 0	1376.1709700	1376.1708127
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863: 43 18 25 1 42 17 26 0	1376.4291800	1376.4289587
0.0002213 -0.0003000 0.0000000		
864: 44 18 26 1 43 17 27 0	1376.6865700	1376.6869386
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865: 46 18 28 1 45 17 29 0	1377.2021100	1377.2023871
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868: 51 18 33 1 50 17 34 0	1378.4875600	1378.4878681
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869: 18 18 1 1 17 17 0 0	1369.9327200	1369.9334340
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870: 19 18 2 1 18 17 1 0	1370.1940500	1370.1946682
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871: 21 18 4 1 20 17 3 0	1370.7159100	1370.7168418
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872: 22 18 5 1 21 17 4 0	1370.9777200	1370.9777763
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873: 23 18 6 1 22 17 5 0	1371.2386700	1371.2386060
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874: 24 18 7 1 23 17 6 0	1371.4987900	1371.4993281
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875: 25 18 8 1 24 17 7 0	1371.7595000	1371.7599402

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876: 26	18	9	1	25	17 8 0
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878: 28	18	11	1	27	17 10 0
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879: 29	18	12	1	28	17 11 0
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880: 30	18	13	1	29	17 12 0
0.0002141	-0.0003000	0.0000000		1373.0614700	1373.0612559
881: 32	18	15	1	31	17 14 0
0.0005434	-0.0003000	0.0000000		1373.5814600	1373.5809166
882: 33	18	16	1	32	17 15 0
0.0004798	-0.0003000	0.0000000		1373.8410300	1373.8405502
883: 34	18	17	1	33	17 16 0
0.0004914	-0.0003000	0.0000000		1374.1005400	1374.1000486
884: 35	18	18	1	34	17 17 0
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885: 38	18	21	1	37	17 20 0
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886: 39	18	22	1	38	17 21 0
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887: 40	18	23	1	39	17 22 0
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888: 42	18	25	1	41	17 24 0
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889: 43	18	26	1	42	17 25 0
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892: 48	18	31	1	47	17 30 0
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901: 27	19	8	1	26	18 9 0
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904: 33	19	14	1	32	18 15 0
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908: 38 19 19 1 37 18 20 0	1377.0952900	1377.0949801
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909: 39 19 20 1 38 18 21 0	1377.3548500	1377.3539933
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910: 19 19 1 1 18 18 0 0	1372.1489600	1372.1494946
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913: 23 19 5 1 22 18 4 0	1373.1939700	1373.1940426
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914: 24 19 6 1 23 18 5 0	1373.4549000	1373.4549271
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915: 26 19 8 1 25 18 7 0	1373.9761200	1373.9763756
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916: 27 19 9 1 26 18 8 0	1374.2371600	1374.2369345
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917: 28 19 10 1 27 18 9 0	1374.4970200	1374.4973797
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918: 29 19 11 1 28 18 10 0	1374.7572700	1374.7577084
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919: 33 19 15 1 32 18 14 0	1375.7983300	1375.7978060
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920: 34 19 16 1 33 18 15 0	1376.0579700	1376.0575122
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921: 35 19 17 1 34 18 16 0	1376.3168800	1376.3170856
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923: 38 19 20 1 37 18 19 0	1377.0952900	1377.0949801
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927: 23 20 3 1 22 19 4 0	1375.1119000	1375.1114859
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928: 24 20 4 1 23 19 5 0	1375.3730000	1375.3725288
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932: 32 20 12 1 31 19 13 0	1377.4576700	1377.4569771
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933: 34 20 14 1 33 19 15 0	1377.9780600	1377.9769127
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934: 36 20 16 1 35 19 17 0	1378.4968600	1378.4963351
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935: 20 20 1 1 19 19 0 0	1374.3276100	1374.3277678
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936: 22 20 3 1 21 19 2 0	1374.8504300	1374.8503431
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937: 23 20 4 1 22 19 3 0	1375.1119000	1375.1114859
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938: 24 20 5 1 23 19 4 0	1375.3730000	1375.3725288
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943: 34	20 15	1 33 19 14 0	1377.9780600	1377.9769127
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944: 36	20 17	1 35 19 16 0	1378.4968600	1378.4963351
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945: 21	21 0	1 20 20 1 0	1376.4673900	1376.4679005
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946: 24	21 3	1 23 20 4 0	1377.2514200	1377.2517786
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947: 25	21 4	1 24 20 5 0	1377.5121200	1377.5128764
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948: 27	21 6	1 26 20 7 0	1378.0345600	1378.0347654
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949: 30	21 9	1 29 20 10 0	1378.8174600	1378.8167949
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950: 33	21 12	1 32 20 13 0	1379.5983100	1379.5977991
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952: 24	21 4	1 23 20 3 0	1377.2514200	1377.2517786
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953: 25	21 5	1 24 20 4 0	1377.5121200	1377.5128764
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954: 27	21 7	1 26 20 6 0	1378.0345600	1378.0347654
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955: 30	21 10	1 29 20 9 0	1378.8174600	1378.8167949
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956: 33	21 13	1 32 20 12 0	1379.5983100	1379.5977991
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957: 25	9 16	1 26 10 17 0	1294.0800700	1294.0797749
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958: 24	9 15	1 25 10 16 0	1294.3456200	1294.3457008
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959: 23	9 14	1 24 10 15 0	1294.6113400	1294.6115385
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960: 21	9 12	1 22 10 13 0	1295.1421300	1295.1429223
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961: 20	9 11	1 21 10 12 0	1295.4078900	1295.4084556
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962: 19	9 10	1 20 10 11 0	1295.6735500	1295.6738747
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963: 18	9 9	1 19 10 10 0	1295.9384200	1295.9391739
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964: 17	9 8	1 18 10 9 0	1296.2042000	1296.2043475
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965: 25	9 17	1 26 10 16 0	1294.0800700	1294.0797749
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966: 24	9 16	1 25 10 15 0	1294.3456200	1294.3457008
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967: 23	9 15	1 24 10 14 0	1294.6113400	1294.6115385
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968: 21	9 13	1 22 10 12 0	1295.1421300	1295.1429223
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969: 20	9 12	1 21 10 11 0	1295.4078900	1295.4084556
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970: 19	9 11	1 20 10 10 0	1295.6735500	1295.6738747
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971: 18	9 10	1 19 10 9 0	1295.9384200	1295.9391739
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976:	12	10	3	1	13	11	2	0	1294.8705300	1294.8702522
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977:	10	10	1	1	11	11	0	0	1295.3998400	1295.3989307
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981:	12	10	2	1	13	11	3	0	1294.8705300	1294.8702522
0.0002778	-0.0003000	0.0000000								
982:	10	10	0	1	11	11	1	0	1295.3998400	1295.3989307
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983:	20	11	10	1	21	12	9	0	1290.0829300	1290.0825646
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984:	19	11	9	1	20	12	8	0	1290.3488100	1290.3483355
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985:	18	11	8	1	19	12	7	0	1290.6139100	1290.6139639
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986:	17	11	7	1	18	12	6	0	1290.8795200	1290.8794459
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987:	16	11	6	1	17	12	5	0	1291.1442900	1291.1447777
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988:	15	11	5	1	16	12	4	0	1291.4094300	1291.4099555
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989:	14	11	4	1	15	12	3	0	1291.6747100	1291.6749760
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990:	13	11	3	1	14	12	2	0	1291.9397700	1291.9398356
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991:	12	11	2	1	13	12	1	0	1292.2046800	1292.2045310
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992:	11	11	1	1	12	12	0	0	1292.4695300	1292.4690592
0.0004708	-0.0003000	0.0000000								
993:	20	11	9	1	21	12	10	0	1290.0829300	1290.0825646
0.0003654	-0.0003000	0.0000000								
994:	19	11	8	1	20	12	9	0	1290.3488100	1290.3483355
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995:	18	11	7	1	19	12	8	0	1290.6139100	1290.6139639
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996:	17	11	6	1	18	12	7	0	1290.8795200	1290.8794459
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997:	16	11	5	1	17	12	6	0	1291.1442900	1291.1447777
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998:	15	11	4	1	16	12	5	0	1291.4094300	1291.4099555
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999:	14	11	3	1	15	12	4	0	1291.6747100	1291.6749760
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1001:	12	11	1	1	13	12	2	0	1292.2046800	1292.2045310
0.0001490	-0.0003000	0.0000000								
1002:	11	11	0	1	12	12	1	0	1292.4695300	1292.4690592
0.0004708	-0.0003000	0.0000000								
1003:	25	12	14	1	26	13	13	0	1286.0776400	1286.0773021
0.0003379	-0.0003000	0.0000000								
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1005:	23	12	12	1	24	13	11	0	1286.6106300	1286.6104138

0.0002162	-0.0003000	0.0000000		
1006:	21	12	10	1 22 13 9 0
0.0000356	-0.0003000	0.0000000	1287.1430200	1287.1429844
1007:	20	12	9	1 21 13 8 0
0.0001529	-0.0003000	0.0000000	1287.4092100	1287.4090571
1008:	19	12	8	1 20 13 7 0
0.0004567	-0.0003000	0.0000000	1287.6754400	1287.6749833
1009:	18	12	7	1 19 13 6 0
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1010:	17	12	6	1 18 13 5 0
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1011:	16	12	5	1 17 13 4 0
0.0000723	-0.0003000	0.0000000	1288.4719200	1288.4718477
1012:	14	12	3	1 15 13 2 0
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1013:	13	12	2	1 14 13 1 0
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1014:	12	12	1	1 13 13 0 0
0.0007716	-0.0003000	0.0000000	1289.5328500	1289.5320784
1015:	25	12	13	1 26 13 14 0
0.0003379	-0.0003000	0.0000000	1286.0776400	1286.0773021
1016:	24	12	12	1 25 13 13 0
0.0001363	-0.0003000	0.0000000	1286.3440600	1286.3439237
1017:	23	12	11	1 24 13 12 0
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1018:	21	12	9	1 22 13 10 0
0.0000356	-0.0003000	0.0000000	1287.1430200	1287.1429844
1019:	20	12	8	1 21 13 9 0
0.0001529	-0.0003000	0.0000000	1287.4092100	1287.4090571
1020:	19	12	7	1 20 13 8 0
0.0004567	-0.0003000	0.0000000	1287.6754400	1287.6749833
1021:	18	12	6	1 19 13 7 0
0.0001806	-0.0003000	0.0000000	1287.9409400	1287.9407594
1022:	17	12	5	1 18 13 6 0
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1023:	16	12	4	1 17 13 5 0
0.0000723	-0.0003000	0.0000000	1288.4719200	1288.4718477
1024:	14	12	2	1 15 13 3 0
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1025:	13	12	1	1 14 13 2 0
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1026:	12	12	0	1 13 13 1 0
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1027:	29	13	17	1 30 14 16 0
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1028:	28	13	16	1 29 14 15 0
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1029:	27	13	15	1 28 14 14 0
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0.0007759	-0.0003000	0.0000000								
1042:	28	13	15	1	29	14	16	0	1282.5962700	1282.5960722
0.0001978	-0.0003000	0.0000000								
1043:	27	13	14	1	28	14	15	0	1282.8629000	1282.8632753
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1046:	22	13	9	1	23	14	10	0	1284.1972200	1284.1972869
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1049:	19	13	6	1	20	14	7	0	1284.9964100	1284.9959642
0.0004458	-0.0003000	0.0000000								
1050:	18	13	5	1	19	14	6	0	1285.2618300	1285.2618817
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1056:	27	14	14	1	28	15	13	0	1280.1785800	1280.1782730
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1086:	23	15	8	1 24 16 9 0
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1088:	21	15	6	1 22 16 7 0
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1090:	19	15	4	1 20 16 5 0
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1091:	17	15	2	1 18 16 3 0
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1169:	9	0	9	1	10	0	10	0	1322.9623000	1322.9621616
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1170:	8	0	8	1	9	0	9	0	1323.2215300	1323.2214271
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1171:	7	0	7	1	8	0	8	0	1323.4811900	1323.4812891
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1172:	6	0	6	1	7	0	7	0	1323.7417100	1323.7416890
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1173:	5	0	5	1	6	0	6	0	1324.0024000	1324.0025588
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1174:	4	0	4	1	5	0	5	0	1324.2635300	1324.2638225
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1175:	3	0	3	1	4	0	4	0	1324.5256200	1324.5253988
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1176:	2	0	2	1	3	0	3	0	1324.7873000	1324.7872021
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1177:	1	0	1	1	2	0	2	0	1325.0492800	1325.0491436
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1178:	2	0	2	1	1	0	1	0	1326.0967500	1326.0964337
	0.0003163	-0.0003000	0.0000000							
1179:	3	0	3	1	2	0	2	0	1326.3575700	1326.3576554
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1180:	4	0	4	1	3	0	3	0	1326.6185100	1326.6184373
	0.0000727	-0.0003000	0.0000000							
1181:	5	0	5	1	4	0	4	0	1326.8785700	1326.8786775
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1182:	6	0	6	1	5	0	5	0	1327.1383900	1327.1382729
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1183:	7	0	7	1	6	0	6	0	1327.3970300	1327.3971216
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1184:	8	0	8	1	7	0	7	0	1327.6552700	1327.6551237
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1185:	9	0	9	1	8	0	8	0	1327.9121300	1327.9121844
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1186:	10	0	10	1	9	0	9	0	1328.1681900	1328.1682163
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1187:	11	0	11	1	10	0	10	0	1328.4231600	1328.4231434
	0.0000166	-0.0003000	0.0000000							
1188:	12	0	12	1	11	0	11	0	1328.6768600	1328.6769043
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1189:	13	0	13	1	12	0	12	0	1328.9294900	1328.9294561
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1190:	14	0	14	1	13	0	13	0	1329.1807100	1329.1807779
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1191:	15	0	15	1	14	0	14	0	1329.4311300	1329.4308723
	0.0002577	-0.0003000	0.0000000							
1192:	16	0	16	1	15	0	15	0	1329.6799200	1329.6797667
	0.0001533	-0.0003000	0.0000000							
1193:	17	0	17	1	16	0	16	0	1329.9276000	1329.9275124
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1194:	18	0	18	1	17	0	17	0	1330.1744400	1330.1741817
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1195:	19	0	19	1	18	0	18	0	1330.4200200	1330.4198639
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1196:	20	0	20	1	19	0	19	0	1330.6647300	1330.6646596
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1198:	22	0	22	1	21	0	21	0	1331.1520800	1331.1520159
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1206: 30	0 30	1 29	0 29	0 1333.0843800 1333.0842643
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1214: 38	0 38	1 37	0 37	0 1335.0032100 1335.0031985
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1221: 49	0 49	1 48	0 48	0 1337.6190400 1337.6197417
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1249: 77	0 77	1 76	0 76	0	1344.1226900	1344.1227492
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1254: 82	0 82	1 81	0 81	0	1345.2572100	1345.2572655
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1255: 83	0 83	1 82	0 82	0	1345.4830700	1345.4831376
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1256: 84	0 84	1 83	0 83	0	1345.7088100	1345.7086622
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1257: 85	0 85	1 84	0 84	0	1345.9340100	1345.9338377
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1258: 86	0 86	1 85	0 85	0	1346.1585700	1346.1586625
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1259: 87	0 87	1 86	0 86	0	1346.3829800	1346.3831351
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1261: 89	0 89	1 88	0 88	0	1346.8309900	1346.8310168
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1325: 26	1 25	1 27	1 26	0	1318.3779400	1318.3779600
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1327: 24	1 23	1 25	1 24	0	1318.8995900	1318.8994136
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1334: 17	1 16 1 18 1 17 0		1320.7447500	1320.7446054
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1335: 14	1 13 1 15 1 14 0		1321.5431200	1321.5429756
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1336: 13	1 12 1 14 1 13 0		1321.8099600	1321.8098214
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1337: 12	1 11 1 13 1 12 0		1322.0770200	1322.0769652
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1338: 11	1 10 1 12 1 11 0		1322.3444100	1322.3443712
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1340: 9	1 8 1 10 1 9 0		1322.8797900	1322.8798342
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1341: 8	1 7 1 9 1 8 0		1323.1479400	1323.1478269
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1342: 7	1 6 1 8 1 7 0		1323.4160200	1323.4159533
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1343: 6	1 5 1 7 1 6 0		1323.6844100	1323.6841844
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1344: 2	1 1 1 1 1 1 0 0		1326.0985500	1326.0985832
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1345: 3	1 2 1 2 1 1 0		1326.3666000	1326.3664114
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1346: 4	1 3 1 3 1 2 0		1326.6341500	1326.6340545
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1347: 5	1 4 1 4 1 3 0		1326.9015300	1326.9014833
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1353: 11	1 10 1 10 1 9 0		1328.4997700	1328.4997195
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1354: 12	1 11 1 11 1 10 0		1328.7648000	1328.7646828
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1355: 13	1 12 1 12 1 11 0		1329.0291500	1329.0291257
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1357: 15	1 14 1 14 1 13 0		1329.5562500	1329.5562403
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1360: 18	1 17 1 17 1 16 0		1330.3417300	1330.3415971
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1361: 19	1 18 1 18 1 17 0		1330.6019200	1330.6017028
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1366:	24	1	23	1	23	1	22	0	1331.8864900	1331.8863627
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1367:	25	1	24	1	24	1	23	0	1332.1395400	1332.1396151
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1369:	27	1	26	1	26	1	25	0	1332.6419900	1332.6419509
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1370:	28	1	27	1	27	1	26	0	1332.8911300	1332.8909588
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1371:	29	1	28	1	28	1	27	0	1333.1386000	1333.1385034
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1372:	30	1	29	1	29	1	28	0	1333.3845700	1333.3845914
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1373:	32	1	31	1	31	1	30	0	1333.8725900	1333.8725305
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1374:	33	1	32	1	32	1	31	0	1334.1146900	1334.1145014
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1375:	34	1	33	1	33	1	32	0	1334.3551100	1334.3552520
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1376:	35	1	34	1	34	1	33	0	1334.5949700	1334.5948862
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1377:	36	1	35	1	35	1	34	0	1334.8333600	1334.8335182
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1378:	37	1	36	1	36	1	35	0	1335.0712500	1335.0712685
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1379:	38	1	37	1	37	1	36	0	1335.3082300	1335.3082579
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1380:	40	1	39	1	39	1	38	0	1335.7806100	1335.7804143
0.0001957	-0.0003000	0.0000000								
1381:	41	1	40	1	40	1	39	0	1336.0158700	1336.0157887
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1382:	42	1	41	1	41	1	40	0	1336.2507900	1336.2508121
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1383:	43	1	42	1	42	1	41	0	1336.4856900	1336.4855562
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1384:	44	1	43	1	43	1	42	0	1336.7201500	1336.7200789
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1385:	45	1	44	1	44	1	43	0	1336.9546000	1336.9544248
0.0001752	-0.0003000	0.0000000								
1386:	46	1	45	1	45	1	44	0	1337.1887400	1337.1886268
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1387:	47	1	46	1	46	1	45	0	1337.4227100	1337.4227069
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1388:	49	1	48	1	48	1	47	0	1337.8905500	1337.8905471
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1389:	50	1	49	1	49	1	48	0	1338.1244300	1338.1243130
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1391:	52	1	51	1	51	1	50	0	1338.5914700	1338.5915149
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1392:	53	1	52	1	52	1	51	0	1338.8250600	1338.8249327
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1394:	55	1	54	1	54	1	53	0	1339.2914500	1339.2913433
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1404: 66	1 65	1 65	1 64	0
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1419: 86	1 85	1 85	1 84	0
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1422: 89	1 88	1 88	1 87	0
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1423: 90	1 89	1 89	1 88	0
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1431: 90	1 90	1 91	1 91	0	1302.0415900	1302.0411267
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1432: 88	1 88	1 89	1 89	0	1302.5670600	1302.5669880
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1433: 87	1 87	1 88	1 88	0	1302.8298700	1302.8297887
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1434: 86	1 86	1 87	1 87	0	1303.0924600	1303.0925009
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1435: 85	1 85	1 86	1 86	0	1303.3555500	1303.3551233
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1441: 79	1 79	1 80	1 80	0	1304.9290500	1304.9288949
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1442: 78	1 78	1 79	1 79	0	1305.1905900	1305.1908501
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1443: 77	1 77	1 78	1 78	0	1305.4522800	1305.4527046
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1444: 76	1 76	1 77	1 77	0	1305.7147900	1305.7144569
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1445: 75	1 75	1 76	1 76	0	1305.9763300	1305.9761056
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1446: 74	1 74	1 75	1 75	0	1306.2377900	1306.2376494
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1447: 73	1 73	1 74	1 74	0	1306.4990500	1306.4990869
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1451: 69	1 69	1 70	1 70	0	1307.5436300	1307.5437456
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1453: 67	1 67	1 68	1 68	0	1308.0654100	1308.0654010
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1457: 63	1 63	1 64	1 64	0	1309.1072300	1309.1073091
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1477: 43	1 43	1 44	1 44	0 1314.2855000 1314.2863052
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1478: 38	1 38	1 39	1 39	0 1315.5728600 1315.5727435
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1479: 37	1 37	1 38	1 38	0 1315.8295700 1315.8296528
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1494: 22	1 22	1 23	1 23	0	1319.6729900	1319.6725910
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1495: 21	1 21	1 22	1 22	0	1319.9283400	1319.9284508
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1496: 20	1 20	1 21	1 21	0	1320.1844700	1320.1843231
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1497: 19	1 19	1 20	1 20	0	1320.4402900	1320.4402166
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1498: 18	1 18	1 19	1 19	0	1320.6961700	1320.6961389
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1499: 17	1 17	1 18	1 18	0	1320.9518900	1320.9520967
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1500: 16	1 16	1 17	1 17	0	1321.2080300	1321.2080952
-0.0000652	-0.0003000	0.0000000				
1501: 15	1 15	1 16	1 16	0	1321.4641000	1321.4641382
-0.0000382	-0.0003000	0.0000000				
1502: 14	1 14	1 15	1 15	0	1321.7201200	1321.7202277
-0.0001077	-0.0003000	0.0000000				
1503: 13	1 13	1 14	1 14	0	1321.9762500	1321.9763639
-0.0001139	-0.0003000	0.0000000				
1504: 12	1 12	1 13	1 13	0	1322.2325600	1322.2325451
0.0000149	-0.0003000	0.0000000				
1505: 11	1 11	1 12	1 12	0	1322.4886100	1322.4887675
-0.0001575	-0.0003000	0.0000000				
1506: 10	1 10	1 11	1 11	0	1322.7450100	1322.7450252
-0.0000152	-0.0003000	0.0000000				
1507: 9	1 9	1 10	1 10	0	1323.0013500	1323.0013101
0.0000399	-0.0003000	0.0000000				
1508: 8	1 8	1 9	1 9	0	1323.2577200	1323.2576123
0.0001077	-0.0003000	0.0000000				
1509: 7	1 7	1 8	1 8	0	1323.5139600	1323.5139193
0.0000407	-0.0003000	0.0000000				
1510: 6	1 6	1 7	1 7	0	1323.7705200	1323.7702172
0.0003028	-0.0003000	0.0000000				
1511: 4	1 4	1 5	1 5	0	1324.2824800	1324.2827187
-0.0002387	-0.0003000	0.0000000				
1512: 3	1 3	1 4	1 4	0	1324.5388100	1324.5388850
-0.0000750	-0.0003000	0.0000000				
1513: 2	1 2	1 3	1 3	0	1324.7948500	1324.7949674
-0.0001174	-0.0003000	0.0000000				
1514: 2	1 2	1 1	1 1	0	1326.0732800	1326.0733019
-0.0000219	-0.0003000	0.0000000				
1515: 3	1 3	1 2	1 2	0	1326.3285200	1326.3283787
0.0001413	-0.0003000	0.0000000				
1516: 4	1 4	1 3	1 3	0	1326.5830800	1326.5831987
-0.0001187	-0.0003000	0.0000000				
1517: 5	1 5	1 4	1 4	0	1326.8379200	1326.8377363
0.0001837	-0.0003000	0.0000000				
1518: 6	1 6	1 5	1 5	0	1327.0919900	1327.0919662
0.0000238	-0.0003000	0.0000000				
1519: 7	1 7	1 6	1 6	0	1327.3461000	1327.3458641
0.0002359	-0.0003000	0.0000000				
1520: 8	1 8	1 7	1 7	0	1327.5995600	1327.5994063
0.0001537	-0.0003000	0.0000000				
1521: 9	1 9	1 8	1 8	0	1327.8526500	1327.8525705
0.0000795	-0.0003000	0.0000000				
1522: 10	1 10	1 9	1 9	0	1328.1052800	1328.1053359
-0.0000559	-0.0003000	0.0000000				
1523: 11	1 11	1 10	1 10	0	1328.3576000	1328.3576830
-0.0000830	-0.0003000	0.0000000				
1524: 12	1 12	1 11	1 11	0	1328.6095700	1328.6095945
-0.0000245	-0.0003000	0.0000000				
1525: 13	1 13	1 12	1 12	0	1328.8612500	1328.8610548

0.0001952	-0.0003000	0.0000000		
1526: 14	1 14	1 13	1 13	0
0.0001694	-0.0003000	0.0000000	1329.1122200	1329.1120506
1527: 15	1 15	1 14	1 14	0
0.0001594	-0.0003000	0.0000000	1329.3627300	1329.3625706
1528: 16	1 16	1 15	1 15	0
0.0000441	-0.0003000	0.0000000	1329.6126500	1329.6126059
1529: 17	1 17	1 16	1 16	0
-0.0000700	-0.0003000	0.0000000	1329.8620800	1329.8621500
1530: 18	1 18	1 17	1 17	0
-0.0002185	-0.0003000	0.0000000	1330.1109800	1330.1111985
1531: 19	1 19	1 18	1 18	0
0.0001908	-0.0003000	0.0000000	1330.3599400	1330.3597492
1532: 20	1 20	1 19	1 19	0
0.0000476	-0.0003000	0.0000000	1330.6078500	1330.6078024
1533: 21	1 21	1 20	1 20	0
0.0001102	-0.0003000	0.0000000	1330.8554700	1330.8553598
1534: 22	1 22	1 21	1 21	0
0.0000646	-0.0003000	0.0000000	1331.1024900	1331.1024254
1535: 23	1 23	1 22	1 22	0
0.0000353	-0.0003000	0.0000000	1331.3490400	1331.3490047
1536: 24	1 24	1 23	1 23	0
0.0001356	-0.0003000	0.0000000	1331.5952400	1331.5951044
1537: 25	1 25	1 24	1 24	0
-0.0003327	-0.0003000	0.0000000	1331.8404000	1331.8407327
1538: 26	1 26	1 25	1 25	0
0.0000914	-0.0003000	0.0000000	1332.0859900	1332.0858986
1539: 27	1 27	1 26	1 26	0
-0.0000717	-0.0003000	0.0000000	1332.3305400	1332.3306117
1540: 28	1 28	1 27	1 27	0
-0.0004125	-0.0003000	0.0000000	1332.5744700	1332.5748825
1541: 29	1 29	1 28	1 28	0
0.0001686	-0.0003000	0.0000000	1332.8188900	1332.8187214
1542: 30	1 30	1 29	1 29	0
-0.0000490	-0.0003000	0.0000000	1333.0620900	1333.0621390
1543: 31	1 31	1 30	1 30	0
0.0001840	-0.0003000	0.0000000	1333.3053300	1333.3051460
1544: 32	1 32	1 31	1 31	0
0.0000674	-0.0003000	0.0000000	1333.5478200	1333.5477526
1545: 33	1 33	1 32	1 32	0
0.0002111	-0.0003000	0.0000000	1333.7901800	1333.7899689
1546: 34	1 34	1 33	1 33	0
-0.0000243	-0.0003000	0.0000000	1334.0317800	1334.0318043
1547: 35	1 35	1 34	1 34	0
-0.0001079	-0.0003000	0.0000000	1334.2731600	1334.2732679
1548: 36	1 36	1 35	1 35	0
0.0000519	-0.0003000	0.0000000	1334.5144200	1334.5143681
1549: 37	1 37	1 36	1 36	0
-0.0000226	-0.0003000	0.0000000	1334.7550900	1334.7551126
1550: 38	1 38	1 37	1 37	0
0.0001015	-0.0003000	0.0000000	1334.9956100	1334.9955085
1551: 39	1 39	1 38	1 38	0
-0.0001322	-0.0003000	0.0000000	1335.2354300	1335.2355622
1552: 40	1 40	1 39	1 39	0
0.0000105	-0.0003000	0.0000000	1335.4752900	1335.4752795
1553: 41	1 41	1 40	1 40	0
0.0000345	-0.0003000	0.0000000	1335.7147000	1335.7146655
1554: 42	1 42	1 41	1 41	0
0.0000953	-0.0003000	0.0000000	1335.9538200	1335.9537247
1555: 44	1 44	1 43	1 43	0
0.0002721	-0.0003000	0.0000000	1336.4311500	1336.4308779
1556: 49	1 49	1 48	1 48	0
0.0007883	-0.0003000	0.0000000	1337.6190400	1337.6182517
1557: 50	1 50	1 49	1 49	0
0.0006748	-0.0003000	0.0000000	1337.8554700	1337.8547952

1558:	51	1	51	1	50	1	50	0	1338.0918300	1338.0910303
	0.0007997	-0.0003000	0.0000000							
1559:	52	1	52	1	51	1	51	0	1338.3274800	1338.3269571
	0.0005229	-0.0003000	0.0000000							
1560:	53	1	53	1	52	1	52	0	1338.5631400	1338.5625757
	0.0005643	-0.0003000	0.0000000							
1561:	54	1	54	1	53	1	53	0	1338.7983300	1338.7978858
	0.0004442	-0.0003000	0.0000000							
1562:	55	1	55	1	54	1	54	0	1339.0331900	1339.0328872
	0.0003028	-0.0003000	0.0000000							
1563:	56	1	56	1	55	1	55	0	1339.2677700	1339.2675793
	0.0001907	-0.0003000	0.0000000							
1564:	57	1	57	1	56	1	56	0	1339.5022200	1339.5019613
	0.0002587	-0.0003000	0.0000000							
1565:	58	1	58	1	57	1	57	0	1339.7361000	1339.7360326
	0.0000674	-0.0003000	0.0000000							
1566:	59	1	59	1	58	1	58	0	1339.9698300	1339.9697921
	0.0000379	-0.0003000	0.0000000							
1567:	60	1	60	1	59	1	59	0	1340.2033700	1340.2032388
	0.0001312	-0.0003000	0.0000000							
1568:	61	1	61	1	60	1	60	0	1340.4364700	1340.4363718
	0.0000982	-0.0003000	0.0000000							
1569:	62	1	62	1	61	1	61	0	1340.6694900	1340.6691897
	0.0003003	-0.0003000	0.0000000							
1570:	63	1	63	1	62	1	62	0	1340.9018200	1340.9016914
	0.0001286	-0.0003000	0.0000000							
1571:	64	1	64	1	63	1	63	0	1341.1340100	1341.1338756
	0.0001344	-0.0003000	0.0000000							
1572:	65	1	65	1	64	1	64	0	1341.3659300	1341.3657409
	0.0001891	-0.0003000	0.0000000							
1573:	66	1	66	1	65	1	65	0	1341.5974300	1341.5972861
	0.0001439	-0.0003000	0.0000000							
1574:	67	1	67	1	66	1	66	0	1341.8285800	1341.8285096
	0.0000704	-0.0003000	0.0000000							
1575:	68	1	68	1	67	1	67	0	1342.0594900	1342.0594101
	0.0000799	-0.0003000	0.0000000							
1576:	69	1	69	1	68	1	68	0	1342.2900100	1342.2899862
	0.0000238	-0.0003000	0.0000000							
1577:	70	1	70	1	69	1	69	0	1342.5204100	1342.5202363
	0.0001737	-0.0003000	0.0000000							
1578:	71	1	71	1	70	1	70	0	1342.7503500	1342.7501590
	0.0001910	-0.0003000	0.0000000							
1579:	72	1	72	1	71	1	71	0	1342.9798500	1342.9797527
	0.0000973	-0.0003000	0.0000000							
1580:	73	1	73	1	72	1	72	0	1343.2090500	1343.2090159
	0.0000341	-0.0003000	0.0000000							
1581:	74	1	74	1	73	1	73	0	1343.4380500	1343.4379471
	0.0001029	-0.0003000	0.0000000							
1582:	75	1	75	1	74	1	74	0	1343.6665000	1343.6665448
	-0.0000448	-0.0003000	0.0000000							
1583:	76	1	76	1	75	1	75	0	1343.8949200	1343.8948074
	0.0001126	-0.0003000	0.0000000							
1584:	77	1	77	1	76	1	76	0	1344.1226900	1344.1227334
	-0.0000434	-0.0003000	0.0000000							
1585:	78	1	78	1	77	1	77	0	1344.3504100	1344.3503211
	0.0000889	-0.0003000	0.0000000							
1586:	79	1	79	1	78	1	78	0	1344.5776400	1344.5775691
	0.0000709	-0.0003000	0.0000000							
1587:	80	1	80	1	79	1	79	0	1344.8046400	1344.8044757
	0.0001643	-0.0003000	0.0000000							
1588:	81	1	81	1	80	1	80	0	1345.0312100	1345.0310394
	0.0001706	-0.0003000	0.0000000							
1589:	82	1	82	1	81	1	81	0	1345.2572100	1345.2572587
	-0.0000487	-0.0003000	0.0000000							
1590:	83	1	83	1	82	1	82	0	1345.4830700	1345.4831318

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1591: 84	1 84	1 83	1 83	0
0.0001527	-0.0003000	0.0000000	1345.7088100	1345.7086573
1592: 85	1 85	1 84	1 84	0
0.0001764	-0.0003000	0.0000000	1345.9340100	1345.9338336
1593: 86	1 86	1 85	1 85	0
-0.0000890	-0.0003000	0.0000000	1346.1585700	1346.1586590
1594: 87	1 87	1 86	1 86	0
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1595: 88	1 88	1 87	1 87	0
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1596: 89	1 89	1 88	1 88	0
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1597: 90	1 90	1 89	1 89	0
0.0000889	-0.0003000	0.0000000	1347.0545100	1347.0544211
1598: 91	1 91	1 90	1 90	0
0.0000813	-0.0003000	0.0000000	1347.2775500	1347.2774687
1599: 92	1 92	1 91	1 91	0
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1600: 93	1 93	1 92	1 92	0
0.0002786	-0.0003000	0.0000000	1347.7227600	1347.7224814
1601: 94	1 94	1 93	1 93	0
0.0000066	-0.0003000	0.0000000	1347.9444500	1347.9444434
1602: 95	1 95	1 94	1 94	0
-0.0001102	-0.0003000	0.0000000	1348.1659300	1348.1660402
1603: 96	1 96	1 95	1 95	0
-0.0001504	-0.0003000	0.0000000	1348.3871200	1348.3872704
1604: 97	1 97	1 96	1 96	0
0.0002777	-0.0003000	0.0000000	1348.6084100	1348.6081323
1605: 98	1 98	1 97	1 97	0
0.0001656	-0.0003000	0.0000000	1348.8287900	1348.8286244
1606: 91	2 89	1 92	2 90	0
-0.0000447	-0.0003000	0.0000000	1301.2680500	1301.2680947
1607: 90	2 88	1 91	2 89	0
-0.0002414	-0.0003000	0.0000000	1301.5311100	1301.5313514
1608: 89	2 87	1 90	2 88	0
0.0011709	-0.0003000	0.0000000	1301.7956900	1301.7945191
1609: 88	2 86	1 89	2 87	0
0.0011246	-0.0003000	0.0000000	1302.0587200	1302.0575954
1610: 87	2 85	1 88	2 86	0
0.0007124	-0.0003000	0.0000000	1302.3212900	1302.3205776
1611: 86	2 84	1 87	2 85	0
0.0003768	-0.0003000	0.0000000	1302.5838400	1302.5834632
1612: 76	2 74	1 77	2 75	0
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1613: 75	2 73	1 76	2 74	0
-0.0003984	-0.0003000	0.0000000	1305.4674000	1305.4677984
1614: 74	2 72	1 75	2 73	0
-0.0002952	-0.0003000	0.0000000	1305.7289200	1305.7292152
1615: 73	2 71	1 74	2 72	0
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1616: 72	2 70	1 73	2 71	0
0.0004566	-0.0003000	0.0000000	1306.2520200	1306.2515634
1617: 58	2 56	1 59	2 57	0
0.0002144	-0.0003000	0.0000000	1309.8850400	1309.8848256
1618: 57	2 55	1 58	2 56	0
0.0000716	-0.0003000	0.0000000	1310.1427100	1310.1426384
1619: 56	2 54	1 57	2 55	0
0.0001132	-0.0003000	0.0000000	1310.4003900	1310.4002768
1620: 55	2 53	1 56	2 54	0
0.0001945	-0.0003000	0.0000000	1310.6579700	1310.6577755
1621: 53	2 51	1 54	2 52	0
0.0000871	-0.0003000	0.0000000	1311.1726200	1311.1725329
1622: 52	2 50	1 53	2 51	0
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1624:	50	2	48	1	51	2	49	0	1311.9447600	1311.9449343
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1625:	49	2	47	1	50	2	48	0	1312.2026400	1312.2027427
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1626:	48	2	46	1	49	2	47	0	1312.4609200	1312.4608429
0.0000771	-0.0003000	0.0000000								
1627:	47	2	45	1	48	2	46	0	1312.7193800	1312.7193067
0.0000733	-0.0003000	0.0000000								
1628:	46	2	44	1	47	2	45	0	1312.9778900	1312.9782022
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1629:	45	2	43	1	46	2	44	0	1313.2376500	1313.2375918
0.0000582	-0.0003000	0.0000000								
1630:	44	2	42	1	45	2	43	0	1313.4975600	1313.4975305
0.0000295	-0.0003000	0.0000000								
1631:	43	2	41	1	44	2	42	0	1313.7591500	1313.7580647
0.0010853	-0.0003000	0.0000000								
1632:	41	2	39	1	42	2	40	0	1314.2813600	1314.2810593
0.0003007	-0.0003000	0.0000000								
1633:	40	2	38	1	41	2	39	0	1314.5435200	1314.5435667
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1634:	39	2	37	1	40	2	38	0	1314.8066200	1314.8067647
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1635:	34	2	32	1	35	2	33	0	1316.1337100	1316.1330357
0.0006743	-0.0003000	0.0000000								
1636:	33	2	31	1	34	2	32	0	1316.4007800	1316.4002662
0.0005138	-0.0003000	0.0000000								
1637:	32	2	30	1	33	2	31	0	1316.6683700	1316.6681146
0.0002554	-0.0003000	0.0000000								
1638:	31	2	29	1	32	2	30	0	1316.9363300	1316.9365593
-0.0002293	-0.0003000	0.0000000								
1639:	29	2	27	1	30	2	28	0	1317.4751900	1317.4751418
0.0000482	-0.0003000	0.0000000								
1640:	28	2	26	1	29	2	27	0	1317.7452100	1317.7452260
-0.0000160	-0.0003000	0.0000000								
1641:	27	2	25	1	28	2	26	0	1318.0159600	1318.0157972
0.0001628	-0.0003000	0.0000000								
1642:	26	2	24	1	27	2	25	0	1318.2867000	1318.2868189
-0.0001189	-0.0003000	0.0000000								
1643:	25	2	23	1	26	2	24	0	1318.5582800	1318.5582479
0.0000321	-0.0003000	0.0000000								
1644:	24	2	22	1	25	2	23	0	1318.8300400	1318.8300338
0.0000062	-0.0003000	0.0000000								
1645:	23	2	21	1	24	2	22	0	1319.1020700	1319.1021169
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1646:	22	2	20	1	23	2	21	0	1319.3744100	1319.3744278
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1647:	21	2	19	1	22	2	20	0	1319.6464600	1319.6468865
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1648:	20	2	18	1	21	2	19	0	1319.9194000	1319.9194026
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1649:	14	2	12	1	15	2	13	0	1321.5497000	1321.5498978
-0.0001978	-0.0003000	0.0000000								
1650:	13	2	11	1	14	2	12	0	1321.8199800	1321.8199423
0.0000377	-0.0003000	0.0000000								
1651:	12	2	10	1	13	2	11	0	1322.0894100	1322.0892915
0.0001185	-0.0003000	0.0000000								
1652:	11	2	9	1	12	2	10	0	1322.3579600	1322.3579049
0.0000551	-0.0003000	0.0000000								
1653:	10	2	8	1	11	2	9	0	1322.6257600	1322.6257617
-0.0000017	-0.0003000	0.0000000								
1654:	9	2	7	1	10	2	8	0	1322.8929700	1322.8928597
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1655:	8	2	6	1	9	2	7	0	1323.1592400	1323.1592138

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1656:	7	2	5	1 8 2 6 0
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1657:	6	2	4	1 7 2 5 0
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1658:	5	2	3	1 6 2 4 0
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1659:	6	2	4	1 5 2 3 0
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1660:	7	2	5	1 6 2 4 0
0.0000096	-0.0003000	0.0000000	1327.3649900	1327.3649804
1661:	8	2	6	1 7 2 5 0
0.0000762	-0.0003000	0.0000000	1327.6281200	1327.6280438
1662:	9	2	7	1 8 2 6 0
0.0001649	-0.0003000	0.0000000	1327.8917600	1327.8915951
1663:	10	2	8	1 9 2 7 0
0.0000812	-0.0003000	0.0000000	1328.1557800	1328.1556988
1664:	11	2	9	1 10 2 8 0
0.0001323	-0.0003000	0.0000000	1328.4205400	1328.4204077
1665:	12	2	10	1 11 2 9 0
0.0000805	-0.0003000	0.0000000	1328.6858400	1328.6857595
1666:	13	2	11	1 12 2 10 0
0.0000074	-0.0003000	0.0000000	1328.9517800	1328.9517726
1667:	14	2	12	1 13 2 11 0
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1668:	15	2	13	1 14 2 12 0
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1669:	16	2	14	1 15 2 13 0
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1670:	17	2	15	1 16 2 14 0
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1671:	18	2	16	1 17 2 15 0
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1672:	19	2	17	1 18 2 16 0
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1673:	20	2	18	1 19 2 17 0
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1674:	21	2	19	1 20 2 18 0
0.0000269	-0.0003000	0.0000000	1331.0982300	1331.0982031
1675:	22	2	20	1 21 2 19 0
0.0000278	-0.0003000	0.0000000	1331.3673000	1331.3672722
1676:	23	2	21	1 22 2 20 0
0.0000379	-0.0003000	0.0000000	1331.6361100	1331.6360721
1677:	24	2	22	1 23 2 21 0
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1678:	25	2	23	1 24 2 22 0
0.0000161	-0.0003000	0.0000000	1332.1723700	1332.1723539
1679:	26	2	24	1 25 2 23 0
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1680:	28	2	26	1 27 2 25 0
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1681:	29	2	27	1 28 2 26 0
0.0001743	-0.0003000	0.0000000	1333.2367900	1333.2366157
1682:	30	2	28	1 29 2 27 0
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1683:	31	2	29	1 30 2 28 0
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1684:	32	2	30	1 31 2 29 0
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1685:	33	2	31	1 32 2 30 0
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1686:	34	2	32	1 33 2 31 0
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1687:	35	2	33	1 34 2 32 0
0.0000211	-0.0003000	0.0000000	1334.8023400	1334.8023189

1688: 36	2 34	1 35	2 33	0	1335.0596900	1335.0587985
0.0008915	-0.0003000	0.0000000				
1689: 43	2 41	1 42	2 40	0	1336.8104400	1336.8104450
-0.0000050	-0.0003000	0.0000000				
1690: 44	2 42	1 43	2 41	0	1337.0537700	1337.0539396
-0.0001696	-0.0003000	0.0000000				
1691: 45	2 43	1 44	2 42	0	1337.2957400	1337.2957139
0.0000261	-0.0003000	0.0000000				
1692: 46	2 44	1 45	2 43	0	1337.5357300	1337.5357991
-0.0000691	-0.0003000	0.0000000				
1693: 47	2 45	1 46	2 44	0	1337.7744000	1337.7742465
0.0001535	-0.0003000	0.0000000				
1694: 48	2 46	1 47	2 45	0	1338.0111100	1338.0111281
-0.0000181	-0.0003000	0.0000000				
1695: 49	2 47	1 48	2 46	0	1338.2464600	1338.2465352
-0.0000752	-0.0003000	0.0000000				
1696: 50	2 48	1 49	2 47	0	1338.4805300	1338.4805763
-0.0000463	-0.0003000	0.0000000				
1697: 51	2 49	1 50	2 48	0	1338.7133200	1338.7133736
-0.0000536	-0.0003000	0.0000000				
1698: 53	2 51	1 52	2 50	0	1339.1757400	1339.1757690
-0.0000290	-0.0003000	0.0000000				
1699: 54	2 52	1 53	2 51	0	1339.4058600	1339.4056414
0.0002186	-0.0003000	0.0000000				
1700: 55	2 53	1 54	2 52	0	1339.6350100	1339.6348094
0.0002006	-0.0003000	0.0000000				
1701: 56	2 54	1 55	2 53	0	1339.8633900	1339.8633981
-0.0000081	-0.0003000	0.0000000				
1702: 57	2 55	1 56	2 54	0	1340.0922400	1340.0915218
0.0007182	-0.0003000	0.0000000				
1703: 58	2 56	1 57	2 55	0	1340.3193200	1340.3192813
0.0000387	-0.0003000	0.0000000				
1704: 59	2 57	1 58	2 56	0	1340.5469300	1340.5467630
0.0001670	-0.0003000	0.0000000				
1705: 60	2 58	1 59	2 57	0	1340.7741600	1340.7740383
0.0001217	-0.0003000	0.0000000				
1706: 61	2 59	1 60	2 58	0	1341.0010300	1341.0011643
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1707: 62	2 60	1 61	2 59	0	1341.2282900	1341.2281839
0.0001061	-0.0003000	0.0000000				
1708: 63	2 61	1 62	2 60	0	1341.4552100	1341.4551282
0.0000818	-0.0003000	0.0000000				
1709: 64	2 62	1 63	2 61	0	1341.6821400	1341.6820169
0.0001231	-0.0003000	0.0000000				
1710: 65	2 63	1 64	2 62	0	1341.9088300	1341.9088608
-0.0000308	-0.0003000	0.0000000				
1711: 66	2 64	1 65	2 63	0	1342.1355400	1342.1356630
-0.0001230	-0.0003000	0.0000000				
1712: 67	2 65	1 66	2 64	0	1342.3623700	1342.3624204
-0.0000504	-0.0003000	0.0000000				
1713: 68	2 66	1 67	2 65	0	1342.5890200	1342.5891252
-0.0001052	-0.0003000	0.0000000				
1714: 69	2 67	1 68	2 66	0	1342.8158300	1342.8157659
0.0000641	-0.0003000	0.0000000				
1715: 70	2 68	1 69	2 67	0	1343.0423400	1343.0423286
0.0000114	-0.0003000	0.0000000				
1716: 71	2 69	1 70	2 68	0	1343.2687300	1343.2687977
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1717: 72	2 70	1 71	2 69	0	1343.4949600	1343.4951565
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1718: 73	2 71	1 72	2 70	0	1343.7214000	1343.7213881
0.0000119	-0.0003000	0.0000000				
1719: 74	2 72	1 73	2 71	0	1343.9474400	1343.9474752
-0.0000352	-0.0003000	0.0000000				
1720: 75	2 73	1 74	2 72	0	1344.1734200	1344.1734012

0.0000188	-0.0003000	0.0000000		
1721: 76	2 74	1 75	2 73	0
0.0000002	-0.0003000	0.0000000	1344.3991500	1344.3991498
1722: 77	2 75	1 76	2 74	0
-0.0001153	-0.0003000	0.0000000	1344.6245900	1344.6247053
1723: 79	2 77	1 78	2 76	0
0.0000706	-0.0003000	0.0000000	1345.0752500	1345.0751794
1724: 80	2 78	1 79	2 77	0
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1725: 81	2 79	1 80	2 78	0
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1726: 82	2 80	1 81	2 79	0
0.0004073	-0.0003000	0.0000000	1345.7495100	1345.7491027
1727: 83	2 81	1 82	2 80	0
0.0005488	-0.0003000	0.0000000	1345.9737700	1345.9732212
1728: 84	2 82	1 83	2 81	0
0.0001884	-0.0003000	0.0000000	1346.1972500	1346.1970616
1729: 85	2 83	1 84	2 82	0
-0.0003651	-0.0003000	0.0000000	1346.4202500	1346.4206151
1730: 86	2 84	1 85	2 83	0
-0.0000435	-0.0003000	0.0000000	1346.6438300	1346.6438735
1731: 87	2 85	1 86	2 84	0
-0.0003192	-0.0003000	0.0000000	1346.8665100	1346.8668292
1732: 94	2 92	1 93	2 91	0
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1733: 95	2 93	1 94	2 92	0
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1734: 96	2 94	1 95	2 93	0
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1735: 97	2 95	1 96	2 94	0
-0.0005799	-0.0003000	0.0000000	1349.0778600	1349.0784399
1736: 98	2 96	1 97	2 95	0
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1737: 98	2 97	1 99	2 98	0
0.0001748	-0.0003000	0.0000000	1299.6726500	1299.6724752
1738: 97	2 96	1 98	2 97	0
-0.0005402	-0.0003000	0.0000000	1299.9356700	1299.9362102
1739: 96	2 95	1 97	2 96	0
0.0003483	-0.0003000	0.0000000	1300.2002200	1300.1998717
1740: 95	2 94	1 96	2 95	0
0.0004716	-0.0003000	0.0000000	1300.4639300	1300.4634584
1741: 94	2 93	1 95	2 94	0
-0.0000890	-0.0003000	0.0000000	1300.7268800	1300.7269690
1742: 93	2 92	1 94	2 93	0
-0.0001522	-0.0003000	0.0000000	1300.9902500	1300.9904022
1743: 92	2 91	1 93	2 92	0
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1744: 87	2 86	1 88	2 87	0
-0.0001582	-0.0003000	0.0000000	1302.5691400	1302.5692982
1745: 85	2 84	1 86	2 85	0
-0.0000957	-0.0003000	0.0000000	1303.0948200	1303.0949157
1746: 84	2 83	1 85	2 84	0
-0.0004706	-0.0003000	0.0000000	1303.3571200	1303.3575906
1747: 83	2 82	1 84	2 83	0
-0.0002546	-0.0003000	0.0000000	1303.6199200	1303.6201746
1748: 82	2 81	1 83	2 82	0
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1749: 81	2 80	1 82	2 81	0
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1750: 80	2 79	1 81	2 80	0
0.0002024	-0.0003000	0.0000000	1304.4075700	1304.4073676
1751: 79	2 78	1 80	2 79	0
-0.0003047	-0.0003000	0.0000000	1304.6692700	1304.6695747
1752: 78	2 77	1 79	2 78	0
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1753: 77	2 76	1 78	2 77	0	1305.1931900	1305.1936953
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1754: 76	2 75	1 77	2 76	0	1305.4557000	1305.4556065
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1755: 74	2 73	1 75	2 74	0	1305.9788200	1305.9791250
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1756: 73	2 72	1 74	2 73	0	1306.2405600	1306.2407301
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1757: 72	2 71	1 73	2 72	0	1306.5021100	1306.5022311
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1758: 71	2 70	1 72	2 71	0	1306.7635700	1306.7636272
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1759: 70	2 69	1 71	2 70	0	1307.0244900	1307.0249175
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1760: 69	2 68	1 70	2 69	0	1307.2858000	1307.2861014
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1761: 58	2 57	1 59	2 58	0	1310.1516700	1310.1520555
-0.0003855	-0.0003000	0.0000000				
1762: 57	2 56	1 58	2 57	0	1310.4117100	1310.4119718
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1763: 56	2 55	1 57	2 56	0	1310.6715500	1310.6717918
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1764: 55	2 54	1 56	2 55	0	1310.9311300	1310.9315188
-0.0003888	-0.0003000	0.0000000				
1765: 54	2 53	1 55	2 54	0	1311.1908800	1311.1911566
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1766: 53	2 52	1 54	2 53	0	1311.4508100	1311.4507097
0.0001003	-0.0003000	0.0000000				
1767: 52	2 51	1 53	2 52	0	1311.7100200	1311.7101829
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1768: 51	2 50	1 52	2 51	0	1311.9695900	1311.9695820
0.0000080	-0.0003000	0.0000000				
1769: 50	2 49	1 51	2 50	0	1312.2287600	1312.2289132
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1770: 49	2 48	1 50	2 49	0	1312.4881000	1312.4881834
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1771: 48	2 47	1 49	2 48	0	1312.7472300	1312.7474003
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1772: 47	2 46	1 48	2 47	0	1313.0065000	1313.0065720
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1773: 46	2 45	1 47	2 46	0	1313.2658200	1313.2657074
0.0001126	-0.0003000	0.0000000				
1774: 45	2 44	1 46	2 45	0	1313.5249900	1313.5248161
0.0001739	-0.0003000	0.0000000				
1775: 44	2 43	1 45	2 44	0	1313.7837500	1313.7839081
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1776: 43	2 42	1 44	2 43	0	1314.0432500	1314.0429939
0.0002561	-0.0003000	0.0000000				
1777: 42	2 41	1 43	2 42	0	1314.3020500	1314.3020845
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1778: 41	2 40	1 42	2 41	0	1314.5611400	1314.5611914
-0.0000514	-0.0003000	0.0000000				
1779: 40	2 39	1 41	2 40	0	1314.8205000	1314.8203261
0.0001739	-0.0003000	0.0000000				
1780: 39	2 38	1 40	2 39	0	1315.0795700	1315.0795005
0.0000695	-0.0003000	0.0000000				
1781: 36	2 35	1 37	2 36	0	1315.8574100	1315.8573784
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1782: 34	2 33	1 35	2 34	0	1316.3761100	1316.3763729
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1783: 33	2 32	1 34	2 33	0	1316.6361200	1316.6360246
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1784: 32	2 31	1 33	2 32	0	1316.8957700	1316.8957918
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1785: 31	2 30	1 32	2 31	0	1317.1557000	1317.1556829

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1787: 29	2 28 1 30	2 29 0	1317.6759600	1317.6758655	
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1789: 27	2 26 1 28	2 27 0	1318.1962100	1318.1966186	
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1790: 26	2 25 1 27	2 26 0	1318.4569300	1318.4572184	
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1791: 25	2 24 1 26	2 25 0	1318.7182500	1318.7179697	
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1792: 24	2 23 1 25	2 24 0	1318.9784900	1318.9788728	
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1793: 23	2 22 1 24	2 23 0	1319.2399200	1319.2399268	
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1794: 22	2 21 1 23	2 22 0	1319.5011500	1319.5011296	
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1796: 20	2 19 1 21	2 20 0	1320.0239500	1320.0239672	
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1797: 19	2 18 1 20	2 19 0	1320.2856900	1320.2855921	
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1798: 18	2 17 1 19	2 18 0	1320.5473800	1320.5473459	
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1800: 16	2 15 1 17	2 16 0	1321.0713200	1321.0712092	
0.0001108	-0.0003000	0.0000000			
1801: 15	2 14 1 16	2 15 0	1321.3333600	1321.3333009	
0.0000591	-0.0003000	0.0000000			
1802: 14	2 13 1 15	2 14 0	1321.5953800	1321.5954860	
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1803: 13	2 12 1 14	2 13 0	1321.8576800	1321.8577536	
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1804: 12	2 11 1 13	2 12 0	1322.1200700	1322.1200922	
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1805: 11	2 10 1 12	2 11 0	1322.3824800	1322.3824895	
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1806: 10	2 9 1 11	2 10 0	1322.6449700	1322.6449328	
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1807: 9	2 8 1 10	2 9 0	1322.9074500	1322.9074088	
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1808: 8	2 7 1 9	2 8 0	1323.1701300	1323.1699037	
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1809: 7	2 6 1 8	2 7 0	1323.4323600	1323.4324030	
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0.0000378	-0.0003000	0.0000000			
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1812: 6	2 5 1 5	2 4 0	1327.0992400	1327.0989384	
0.0003016	-0.0003000	0.0000000			
1813: 7	2 6 1 6	2 5 0	1327.3595200	1327.3595324	
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1814: 8	2 7 1 7	2 6 0	1327.6198200	1327.6198526	
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1815: 9	2 8 1 8	2 7 0	1327.8799700	1327.8798790	
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1816: 10	2 9 1 9	2 8 0	1328.1395700	1328.1395912	
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1817: 11	2 10 1 10	2 9 0	1328.3988900	1328.3989688	
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1818:	12	2	11	1	11	2	10	0	1328.6580500	1328.6579913
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1819:	13	2	12	1	12	2	11	0	1328.9167000	1328.9166379
0.0000621	-0.0003000	0.0000000								
1820:	14	2	13	1	13	2	12	0	1329.1750700	1329.1748879
0.0001821	-0.0003000	0.0000000								
1821:	15	2	14	1	14	2	13	0	1329.4326100	1329.4327205
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1822:	16	2	15	1	15	2	14	0	1329.6902300	1329.6901152
0.0001148	-0.0003000	0.0000000								
1823:	17	2	16	1	16	2	15	0	1329.9471600	1329.9470515
0.0001085	-0.0003000	0.0000000								
1824:	18	2	17	1	17	2	16	0	1330.2034500	1330.2035093
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1825:	19	2	18	1	18	2	17	0	1330.4594700	1330.4594689
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1826:	20	2	19	1	19	2	18	0	1330.7149800	1330.7149110
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1827:	22	2	21	1	21	2	20	0	1331.2246900	1331.2241695
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1828:	23	2	22	1	22	2	21	0	1331.4780900	1331.4779513
0.0001387	-0.0003000	0.0000000								
1829:	25	2	24	1	24	2	23	0	1331.9839200	1331.9837409
0.0001791	-0.0003000	0.0000000								
1830:	26	2	25	1	25	2	24	0	1332.2358700	1332.2357210
0.0001490	-0.0003000	0.0000000								
1831:	27	2	26	1	26	2	25	0	1332.4872700	1332.4870750
0.0001950	-0.0003000	0.0000000								
1832:	29	2	28	1	28	2	27	0	1332.9880400	1332.9878658
0.0001742	-0.0003000	0.0000000								
1833:	31	2	30	1	30	2	29	0	1333.4863600	1333.4860529
0.0003071	-0.0003000	0.0000000								
1834:	32	2	31	1	31	2	30	0	1333.7349200	1333.7341593
0.0007607	-0.0003000	0.0000000								
1835:	33	2	32	1	32	2	31	0	1333.9813100	1333.9816057
-0.0002957	-0.0003000	0.0000000								
1836:	34	2	33	1	33	2	32	0	1334.2285000	1334.2283929
0.0001071	-0.0003000	0.0000000								
1837:	35	2	34	1	34	2	33	0	1334.4746100	1334.4745240
0.0000860	-0.0003000	0.0000000								
1838:	36	2	35	1	35	2	34	0	1334.7200500	1334.7200036
0.0000464	-0.0003000	0.0000000								
1839:	37	2	36	1	36	2	35	0	1334.9648100	1334.9648381
-0.0000281	-0.0003000	0.0000000								
1840:	38	2	37	1	37	2	36	0	1335.2089300	1335.2090356
-0.0001056	-0.0003000	0.0000000								
1841:	39	2	38	1	38	2	37	0	1335.4526300	1335.4526057
0.0000243	-0.0003000	0.0000000								
1842:	40	2	39	1	39	2	38	0	1335.6954100	1335.6955592
-0.0001492	-0.0003000	0.0000000								
1843:	41	2	40	1	40	2	39	0	1335.9375800	1335.9379082
-0.0003282	-0.0003000	0.0000000								
1844:	42	2	41	1	41	2	40	0	1336.1794800	1336.1796656
-0.0001856	-0.0003000	0.0000000								
1845:	43	2	42	1	42	2	41	0	1336.4209000	1336.4208450
0.0000550	-0.0003000	0.0000000								
1846:	44	2	43	1	43	2	42	0	1336.6616200	1336.6614609
0.0001591	-0.0003000	0.0000000								
1847:	45	2	44	1	44	2	43	0	1336.9015700	1336.9015278
0.0000422	-0.0003000	0.0000000								
1848:	46	2	45	1	45	2	44	0	1337.1411400	1337.1410605
0.0000795	-0.0003000	0.0000000								
1849:	47	2	46	1	46	2	45	0	1337.3800000	1337.3800739
-0.0000739	-0.0003000	0.0000000								
1850:	48	2	47	1	47	2	46	0	1337.6187100	1337.6185826

0.0001274	-0.0003000	0.0000000		
1851: 49	2 48	1 48	2 47	0
-0.0007109	-0.0003000	0.0000000	1337.8558900	1337.8566009
1852: 51	2 50	1 50	2 49	0
0.0000181	-0.0003000	0.0000000	1338.3312400	1338.3312219
1853: 52	2 51	1 51	2 50	0
-0.0000606	-0.0003000	0.0000000	1338.5677900	1338.5678506
1854: 53	2 52	1 52	2 51	0
-0.0000511	-0.0003000	0.0000000	1338.8039900	1338.8040411
1855: 54	2 53	1 53	2 52	0
0.0001452	-0.0003000	0.0000000	1339.0399500	1339.0398048
1856: 55	2 54	1 54	2 53	0
0.0000578	-0.0003000	0.0000000	1339.2752100	1339.2751522
1857: 56	2 55	1 55	2 54	0
-0.0000129	-0.0003000	0.0000000	1339.5100800	1339.5100929
1858: 57	2 56	1 56	2 55	0
0.0001740	-0.0003000	0.0000000	1339.7448100	1339.7446360
1859: 58	2 57	1 57	2 56	0
-0.0001295	-0.0003000	0.0000000	1339.9786600	1339.9787895
1860: 59	2 58	1 58	2 57	0
0.0000792	-0.0003000	0.0000000	1340.2126400	1340.2125608
1861: 62	2 61	1 61	2 60	0
-0.0000436	-0.0003000	0.0000000	1340.9116000	1340.9116436
1862: 63	2 62	1 62	2 61	0
-0.0000148	-0.0003000	0.0000000	1341.1439300	1341.1439448
1863: 64	2 63	1 63	2 62	0
-0.0000098	-0.0003000	0.0000000	1341.3758800	1341.3758898
1864: 65	2 64	1 64	2 63	0
0.0000581	-0.0003000	0.0000000	1341.6075400	1341.6074819
1865: 66	2 65	1 65	2 64	0
0.0000961	-0.0003000	0.0000000	1341.8388200	1341.8387239
1866: 67	2 66	1 66	2 65	0
0.0009118	-0.0003000	0.0000000	1342.0705300	1342.0696182
1867: 73	2 72	1 72	2 71	0
0.0005688	-0.0003000	0.0000000	1343.4483300	1343.4477612
1868: 74	2 73	1 73	2 72	0
0.0004458	-0.0003000	0.0000000	1343.6767000	1343.6762542
1869: 75	2 74	1 74	2 73	0
0.0003947	-0.0003000	0.0000000	1343.9048000	1343.9044053
1870: 76	2 75	1 75	2 74	0
0.0003559	-0.0003000	0.0000000	1344.1325700	1344.1322141
1871: 77	2 76	1 76	2 75	0
0.0002899	-0.0003000	0.0000000	1344.3599700	1344.3596801
1872: 78	2 77	1 77	2 76	0
-0.0000825	-0.0003000	0.0000000	1344.5867200	1344.5868025
1873: 79	2 78	1 78	2 77	0
0.0002095	-0.0003000	0.0000000	1344.8137900	1344.8135805
1874: 80	2 79	1 79	2 78	0
0.0001568	-0.0003000	0.0000000	1345.0401700	1345.0400132
1875: 81	2 80	1 80	2 79	0
0.0002905	-0.0003000	0.0000000	1345.2663900	1345.2660995
1876: 82	2 81	1 81	2 80	0
0.0001417	-0.0003000	0.0000000	1345.4919800	1345.4918383
1877: 83	2 82	1 82	2 81	0
0.0001916	-0.0003000	0.0000000	1345.7174200	1345.7172284
1878: 84	2 83	1 83	2 82	0
0.0001413	-0.0003000	0.0000000	1345.9424100	1345.9422687
1879: 85	2 84	1 84	2 83	0
0.0002524	-0.0003000	0.0000000	1346.1672100	1346.1669576
1880: 86	2 85	1 85	2 84	0
0.0003560	-0.0003000	0.0000000	1346.3916500	1346.3912940
1881: 87	2 86	1 86	2 85	0
0.0001437	-0.0003000	0.0000000	1346.6154200	1346.6152763
1882: 88	2 87	1 87	2 86	0
0.0004468	-0.0003000	0.0000000	1346.8393500	1346.8389032

1883: 89	2 88	1 88	2 87	0	1347.0624000	1347.0621731
0.0002269	-0.0003000	0.0000000				
1884: 90	2 89	1 89	2 88	0	1347.2853000	1347.2850847
0.0002153	-0.0003000	0.0000000				
1885: 91	2 90	1 90	2 89	0	1347.5074500	1347.5076363
-0.0001863	-0.0003000	0.0000000				
1886: 92	2 91	1 91	2 90	0	1347.7297700	1347.7298264
-0.0000564	-0.0003000	0.0000000				
1887: 93	2 92	1 92	2 91	0	1347.9514800	1347.9516535
-0.0001735	-0.0003000	0.0000000				
1888: 94	2 93	1 93	2 92	0	1348.1729900	1348.1731160
-0.0001260	-0.0003000	0.0000000				
1889: 95	2 94	1 94	2 93	0	1348.3935800	1348.3942123
-0.0006323	-0.0003000	0.0000000				
1890: 96	2 95	1 95	2 94	0	1348.6143500	1348.6149408
-0.0005908	-0.0003000	0.0000000				
1891: 97	2 96	1 96	2 95	0	1348.8349100	1348.8353000
-0.0003900	-0.0003000	0.0000000				
1892: 86	3 83	1 87	3 84	0	1302.3433500	1302.3432353
0.0001147	-0.0003000	0.0000000				
1893: 85	3 82	1 86	3 83	0	1302.6053400	1302.6054114
-0.0000714	-0.0003000	0.0000000				
1894: 84	3 81	1 85	3 82	0	1302.8676400	1302.8674075
0.0002325	-0.0003000	0.0000000				
1895: 83	3 80	1 84	3 81	0	1303.1298600	1303.1292148
0.0006452	-0.0003000	0.0000000				
1896: 82	3 79	1 83	3 80	0	1303.3906000	1303.3908253
-0.0002253	-0.0003000	0.0000000				
1897: 81	3 78	1 82	3 79	0	1303.6520100	1303.6522313
-0.0002213	-0.0003000	0.0000000				
1898: 80	3 77	1 81	3 78	0	1303.9137100	1303.9134262
0.0002838	-0.0003000	0.0000000				
1899: 79	3 76	1 80	3 77	0	1304.1744500	1304.1744050
0.0000450	-0.0003000	0.0000000				
1900: 78	3 75	1 79	3 76	0	1304.4350900	1304.4351646
-0.0000746	-0.0003000	0.0000000				
1901: 77	3 74	1 78	3 75	0	1304.6953900	1304.6957047
-0.0003147	-0.0003000	0.0000000				
1902: 76	3 73	1 77	3 74	0	1304.9565700	1304.9560283
0.0005417	-0.0003000	0.0000000				
1903: 75	3 72	1 76	3 73	0	1305.2162800	1305.2161426
0.0001374	-0.0003000	0.0000000				
1904: 71	3 68	1 72	3 69	0	1306.2555500	1306.2548264
0.0007236	-0.0003000	0.0000000				
1905: 59	3 56	1 60	3 57	0	1309.3766600	1309.3763253
0.0003347	-0.0003000	0.0000000				
1906: 58	3 55	1 59	3 56	0	1309.6392600	1309.6388355
0.0004245	-0.0003000	0.0000000				
1907: 57	3 54	1 58	3 55	0	1309.9018600	1309.9019347
-0.0000747	-0.0003000	0.0000000				
1908: 56	3 53	1 57	3 54	0	1310.1659200	1310.1656498
0.0002702	-0.0003000	0.0000000				
1909: 55	3 52	1 56	3 53	0	1310.4301100	1310.4300014
0.0001086	-0.0003000	0.0000000				
1910: 54	3 51	1 55	3 52	0	1310.6951600	1310.6950046
0.0001554	-0.0003000	0.0000000				
1911: 53	3 50	1 54	3 51	0	1310.9607700	1310.9606691
0.0001009	-0.0003000	0.0000000				
1912: 51	3 48	1 52	3 49	0	1311.4940600	1311.4939991
0.0000609	-0.0003000	0.0000000				
1913: 50	3 47	1 51	3 48	0	1311.7618400	1311.7616641
0.0001759	-0.0003000	0.0000000				
1914: 49	3 46	1 50	3 47	0	1312.0300700	1312.0299901
0.0000799	-0.0003000	0.0000000				
1915: 48	3 45	1 49	3 46	0	1312.2989800	1312.2989694

0.0000106	-0.0003000	0.0000000		
1916: 46	3 43	1 47	3 44	0
-0.0000536	-0.0003000	0.0000000	1312.8387900	1312.8388436
1917: 45	3 42	1 46	3 43	0
0.0000713	-0.0003000	0.0000000	1313.1097800	1313.1097087
1918: 44	3 41	1 45	3 42	0
-0.0000065	-0.0003000	0.0000000	1313.3811600	1313.3811665
1919: 43	3 40	1 44	3 41	0
0.0001084	-0.0003000	0.0000000	1313.6533000	1313.6531916
1920: 42	3 39	1 43	3 40	0
0.0003466	-0.0003000	0.0000000	1313.9261000	1313.9257534
1921: 41	3 38	1 42	3 39	0
0.0009758	-0.0003000	0.0000000	1314.1997900	1314.1988142
1922: 40	3 37	1 41	3 38	0
0.0000911	-0.0003000	0.0000000	1314.4724200	1314.4723289
1923: 39	3 36	1 40	3 37	0
0.0000459	-0.0003000	0.0000000	1314.7462900	1314.7462441
1924: 38	3 35	1 39	3 36	0
0.0002127	-0.0003000	0.0000000	1315.0207100	1315.0204973
1925: 31	3 28	1 32	3 29	0
-0.0000083	-0.0003000	0.0000000	1316.9429300	1316.9429383
1926: 30	3 27	1 31	3 28	0
-0.0000912	-0.0003000	0.0000000	1317.2167900	1317.2168812
1927: 29	3 26	1 30	3 27	0
-0.0001316	-0.0003000	0.0000000	1317.4902700	1317.4904016
1928: 28	3 25	1 29	3 26	0
0.0000623	-0.0003000	0.0000000	1317.7635000	1317.7634377
1929: 27	3 24	1 28	3 25	0
0.0003701	-0.0003000	0.0000000	1318.0363100	1318.0359399
1930: 26	3 23	1 27	3 24	0
-0.0000322	-0.0003000	0.0000000	1318.3078400	1318.3078722
1931: 25	3 22	1 26	3 23	0
-0.0000610	-0.0003000	0.0000000	1318.5791500	1318.5792110
1932: 24	3 21	1 25	3 22	0
0.0000851	-0.0003000	0.0000000	1318.8500300	1318.8499449
1933: 23	3 20	1 24	3 21	0
-0.0002432	-0.0003000	0.0000000	1319.1198300	1319.1200732
1934: 22	3 19	1 23	3 20	0
0.0003962	-0.0003000	0.0000000	1319.3900000	1319.3896038
1935: 21	3 18	1 22	3 19	0
0.0000278	-0.0003000	0.0000000	1319.6585800	1319.6585522
1936: 20	3 17	1 21	3 18	0
0.0000506	-0.0003000	0.0000000	1319.9269900	1319.9269394
1937: 17	3 14	1 18	3 15	0
0.0001062	-0.0003000	0.0000000	1320.7291000	1320.7289938
1938: 16	3 13	1 17	3 14	0
0.0000454	-0.0003000	0.0000000	1320.9954500	1320.9954046
1939: 15	3 12	1 16	3 13	0
0.0002567	-0.0003000	0.0000000	1321.2616500	1321.2613933
1940: 11	3 8	1 12	3 9	0
0.0004469	-0.0003000	0.0000000	1322.3221100	1322.3216631
1941: 10	3 7	1 11	3 8	0
0.0002202	-0.0003000	0.0000000	1322.5861500	1322.5859298
1942: 9	3 6	1 10	3 7	0
0.0000619	-0.0003000	0.0000000	1322.8499800	1322.8499181
1943: 8	3 5	1 9	3 6	0
0.0001638	-0.0003000	0.0000000	1323.1138100	1323.1136462
1944: 7	3 4	1 8	3 5	0
0.0000296	-0.0003000	0.0000000	1323.3771600	1323.3771304
1945: 6	3 3	1 7	3 4	0
0.0001144	-0.0003000	0.0000000	1323.6405000	1323.6403856
1946: 5	3 2	1 6	3 3	0
-0.0000556	-0.0003000	0.0000000	1323.9033700	1323.9034256
1947: 4	3 1	1 5	3 2	0
0.0001273	-0.0003000	0.0000000	1324.1663900	1324.1662627

1948:	3	3	0	1	4	3	1	0	1324.4287300	1324.4289084
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1949:	4	3	1	1	3	3	0	0	1326.5244700	1326.5244029
0.0000671	-0.0003000	0.0000000								
1950:	5	3	2	1	4	3	1	0	1326.7857700	1326.7857823
-0.0000123	-0.0003000	0.0000000								
1951:	6	3	3	1	5	3	2	0	1327.0470900	1327.0470761
0.0000139	-0.0003000	0.0000000								
1952:	7	3	4	1	6	3	3	0	1327.3083800	1327.3082989
0.0000811	-0.0003000	0.0000000								
1953:	8	3	5	1	7	3	4	0	1327.5695100	1327.5694670
0.0000430	-0.0003000	0.0000000								
1954:	9	3	6	1	8	3	5	0	1327.8307100	1327.8305984
0.0001116	-0.0003000	0.0000000								
1955:	10	3	7	1	9	3	6	0	1328.0915700	1328.0917137
-0.0001437	-0.0003000	0.0000000								
1956:	11	3	8	1	10	3	7	0	1328.3524500	1328.3528359
-0.0003859	-0.0003000	0.0000000								
1957:	12	3	9	1	11	3	8	0	1328.6137400	1328.6139909
-0.0002509	-0.0003000	0.0000000								
1958:	16	3	13	1	15	3	12	0	1329.6596400	1329.6595690
0.0000710	-0.0003000	0.0000000								
1959:	17	3	14	1	16	3	13	0	1329.9214300	1329.9213912
0.0000388	-0.0003000	0.0000000								
1960:	18	3	15	1	17	3	14	0	1330.1836300	1330.1834720
0.0001580	-0.0003000	0.0000000								
1961:	19	3	16	1	18	3	15	0	1330.4459400	1330.4458608
0.0000792	-0.0003000	0.0000000								
1962:	20	3	17	1	19	3	16	0	1330.7084600	1330.7086097
-0.0001497	-0.0003000	0.0000000								
1963:	22	3	19	1	21	3	18	0	1331.2355400	1331.2354012
0.0001388	-0.0003000	0.0000000								
1964:	23	3	20	1	22	3	19	0	1331.4995900	1331.4995495
0.0000405	-0.0003000	0.0000000								
1965:	24	3	21	1	23	3	20	0	1331.7642800	1331.7642655
0.0000145	-0.0003000	0.0000000								
1966:	25	3	22	1	24	3	21	0	1332.0295800	1332.0295917
-0.0000117	-0.0003000	0.0000000								
1967:	26	3	23	1	25	3	22	0	1332.2956600	1332.2955614
0.0000986	-0.0003000	0.0000000								
1968:	27	3	24	1	26	3	23	0	1332.5624300	1332.5621963
0.0002337	-0.0003000	0.0000000								
1969:	28	3	25	1	27	3	24	0	1332.8295100	1332.8295025
0.0000075	-0.0003000	0.0000000								
1970:	29	3	26	1	28	3	25	0	1333.0975200	1333.0974682
0.0000518	-0.0003000	0.0000000								
1971:	30	3	27	1	29	3	26	0	1333.3665000	1333.3660610
0.0004390	-0.0003000	0.0000000								
1972:	31	3	28	1	30	3	27	0	1333.6348500	1333.6352263
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1973:	32	3	29	1	31	3	28	0	1333.9049000	1333.9048870
0.0000130	-0.0003000	0.0000000								
1974:	33	3	30	1	32	3	29	0	1334.1749600	1334.1749440
0.0000160	-0.0003000	0.0000000								
1975:	34	3	31	1	33	3	30	0	1334.4454000	1334.4452786
0.0001214	-0.0003000	0.0000000								
1976:	35	3	32	1	34	3	31	0	1334.7159600	1334.7157554
0.0002046	-0.0003000	0.0000000								
1977:	36	3	33	1	35	3	32	0	1334.9862400	1334.9862268
0.0000132	-0.0003000	0.0000000								
1978:	37	3	34	1	36	3	33	0	1335.2565700	1335.2565377
0.0000323	-0.0003000	0.0000000								
1979:	38	3	35	1	37	3	34	0	1335.5264900	1335.5265301
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1980:	39	3	36	1	38	3	35	0	1335.7961800	1335.7960479

0.0001321	-0.0003000	0.0000000		
1981: 40	3 37	1 39	3 36	0 1336.0650300 1336.0649406
0.0000894	-0.0003000	0.0000000		
1982: 41	3 38	1 40	3 37	0 1336.3330600 1336.3330658
-0.0000058	-0.0003000	0.0000000		
1983: 42	3 39	1 41	3 38	0 1336.5999300 1336.6002914
-0.0003614	-0.0003000	0.0000000		
1984: 43	3 40	1 42	3 39	0 1336.8667300 1336.8664959
0.0002341	-0.0003000	0.0000000		
1985: 44	3 41	1 43	3 40	0 1337.1316200 1337.1315688
0.0000512	-0.0003000	0.0000000		
1986: 45	3 42	1 44	3 41	0 1337.3956400 1337.3954097
0.0002303	-0.0003000	0.0000000		
1987: 47	3 44	1 46	3 43	0 1337.9190600 1337.9190366
0.0000234	-0.0003000	0.0000000		
1988: 48	3 45	1 47	3 44	0 1338.1787000 1338.1786609
0.0000391	-0.0003000	0.0000000		
1989: 49	3 46	1 48	3 45	0 1338.4367100 1338.4367272
-0.0000172	-0.0003000	0.0000000		
1990: 50	3 47	1 49	3 46	0 1338.6931400 1338.6931670
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1991: 52	3 49	1 51	3 48	0 1339.2011000 1339.2009099
0.0001901	-0.0003000	0.0000000		
1992: 53	3 50	1 52	3 49	0 1339.4520100 1339.4520936
-0.0000836	-0.0003000	0.0000000		
1993: 54	3 51	1 53	3 50	0 1339.7014000 1339.7014130
-0.0000130	-0.0003000	0.0000000		
1994: 55	3 52	1 54	3 51	0 1339.9488200 1339.9488207
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1995: 56	3 53	1 55	3 52	0 1340.1942400 1340.1942767
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1996: 57	3 54	1 56	3 53	0 1340.4373300 1340.4377506
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1997: 58	3 55	1 57	3 54	0 1340.6795900 1340.6792240
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1998: 60	3 57	1 59	3 56	0 1341.1561700 1341.1561670
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1999: 61	3 58	1 60	3 57	0 1341.3916500 1341.3916782
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2000: 62	3 59	1 61	3 58	0 1341.6253600 1341.6252752
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2001: 63	3 60	1 62	3 59	0 1341.8570100 1341.8570275
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2003: 65	3 62	1 64	3 61	0 1342.3160400 1342.3153743
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2004: 66	3 63	1 65	3 62	0 1342.5421500 1342.5422011
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2007: 70	3 67	1 69	3 66	0 1343.4372800 1343.4371448
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2010: 73	3 70	1 72	3 69	0 1344.0995000 1344.0995329
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2011: 74	3 71	1 73	3 70	0 1344.3192600 1344.3193733
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2012: 75	3 72	1 74	3 71	0 1344.5391500 1344.5389174
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2015: 78	3 75	1 77	3 74	0	1345.1965100	1345.1965553
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2016: 79	3 76	1 78	3 75	0	1345.4162800	1345.4156220
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2017: 80	3 77	1 79	3 76	0	1345.6349400	1345.6346744
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2018: 81	3 78	1 80	3 77	0	1345.8535300	1345.8537305
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2022: 85	3 82	1 84	3 81	0	1346.7300900	1346.7300520
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2023: 86	3 83	1 85	3 82	0	1346.9497500	1346.9491189
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2025: 88	3 85	1 87	3 84	0	1347.3872400	1347.3871307
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2026: 89	3 86	1 88	3 85	0	1347.6069700	1347.6060370
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2027: 91	3 89	1 92	3 90	0	1301.2680500	1301.2683760
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2034: 75	3 73	1 76	3 74	0	1305.4715000	1305.4714517
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2049:	57	3 55 1 58 3 56 0	1310.1801300	1310.1800689
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2061:	45	3 43 1 46 3 44 0	1313.3247800	1313.3246497
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2130: 37	3 35	1 36	3 34	0 1335.0632400 1335.0641662
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2131: 44	3 42	1 43	3 41	0 1336.8155600 1336.8155795
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2138: 51	3 49	1 50	3 48	0 1338.5301600 1338.5301414
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2139: 52	3 50	1 51	3 49	0 1338.7718700 1338.7720055
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2140: 53	3 51	1 52	3 50	0 1339.0131600 1339.0131165
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2141: 54	3 52	1 53	3 51	0 1339.2535300 1339.2534843
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2169: 95 3 93 1 94 3 92 0	1348.6380700	1348.6376274
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2179:	70	4 66 1 71 4 67 0	1306.3068000	1306.3066264
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2180:	68	4 64 1 69 4 65 0	1306.8401700	1306.8401119
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2181:	67	4 63 1 68 4 64 0	1307.1075800	1307.1077552
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2182:	66	4 62 1 67 4 63 0	1307.3763300	1307.3760089
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2183:	65	4 61 1 66 4 62 0	1307.6454200	1307.6448767
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2184:	64	4 60 1 65 4 61 0	1307.9144700	1307.9143598
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2185:	63	4 59 1 64 4 60 0	1308.1845900	1308.1844562
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2186:	62	4 58 1 63 4 59 0	1308.4555200	1308.4551609
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2187:	61	4 57 1 62 4 58 0	1308.7263200	1308.7264652
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2188:	60	4 56 1 61 4 57 0	1308.9987100	1308.9983565
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2190:	58	4 54 1 59 4 55 0	1309.5442500	1309.5438241
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2191:	57	4 53 1 58 4 54 0	1309.8174700	1309.8173480
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2192:	56	4 52 1 57 4 53 0	1310.0918100	1310.0913527
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2193:	55	4 51 1 56 4 52 0	1310.3660000	1310.3657944
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2194:	54	4 50 1 55 4 51 0	1310.6408000	1310.6406218
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2195:	53	4 49 1 54 4 50 0	1310.9155800	1310.9157760
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2196:	52	4 48 1 53 4 49 0	1311.1908800	1311.1911913
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2197:	51	4 47 1 52 4 48 0	1311.4667400	1311.4667958
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2198:	50	4 46 1 51 4 47 0	1311.7425900	1311.7425133
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2199:	49	4 45 1 50 4 46 0	1312.0183700	1312.0182652
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2201:	47	4 43 1 48 4 44 0	1312.5692100	1312.5695576
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2203:	45	4 41 1 46 4 42 0	1313.1201300	1313.1200772
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2204:	44	4 40 1 45 4 41 0	1313.3952200	1313.3948858
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2205:	43	4 39 1 44 4 40 0	1313.6693000	1313.6693242
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2206:	42	4 38 1 43 4 39 0	1313.9433600	1313.9433520
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2207:	41	4 37 1 42 4 38 0	1314.2169500	1314.2169387
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2209:	39	4	35	1	40	4	36	0	1314.7625500	1314.7627125
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2210:	38	4	34	1	39	4	35	0	1315.0349300	1315.0348823
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2211:	37	4	33	1	38	4	34	0	1315.3065300	1315.3065742
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2212:	36	4	32	1	37	4	33	0	1315.5779400	1315.5777954
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2214:	33	4	29	1	34	4	30	0	1316.3886900	1316.3887636
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2215:	32	4	28	1	33	4	29	0	1316.6582200	1316.6582429
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2216:	31	4	27	1	32	4	28	0	1316.9272400	1316.9273310
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2217:	30	4	26	1	31	4	27	0	1317.1961100	1317.1960467
	0.0000633	-0.0003000	0.0000000							
2218:	29	4	25	1	30	4	26	0	1317.4644600	1317.4644084
	0.0000516	-0.0003000	0.0000000							
2219:	28	4	24	1	29	4	25	0	1317.7323800	1317.7324337
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2220:	27	4	23	1	28	4	24	0	1318.0001100	1318.0001393
	-0.0000293	-0.0003000	0.0000000							
2221:	22	4	18	1	23	4	19	0	1319.3348800	1319.3343776
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2222:	21	4	17	1	22	4	18	0	1319.6007800	1319.6004513
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2223:	20	4	16	1	21	4	17	0	1319.8665200	1319.8662899
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2224:	19	4	15	1	20	4	16	0	1320.1320100	1320.1319010
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2225:	18	4	14	1	19	4	15	0	1320.3973600	1320.3972915
	0.0000685	-0.0003000	0.0000000							
2226:	17	4	13	1	18	4	14	0	1320.6624300	1320.6624676
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2227:	16	4	12	1	17	4	13	0	1320.9274100	1320.9274347
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2228:	15	4	11	1	16	4	12	0	1321.1922700	1321.1921979
	0.0000721	-0.0003000	0.0000000							
2229:	14	4	10	1	15	4	11	0	1321.4567000	1321.4567617
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2230:	13	4	9	1	14	4	10	0	1321.7210700	1321.7211300
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2231:	12	4	8	1	13	4	9	0	1321.9852000	1321.9853068
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2232:	11	4	7	1	12	4	8	0	1322.2492600	1322.2492957
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2233:	10	4	6	1	11	4	7	0	1322.5131500	1322.5131001
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2234:	9	4	5	1	10	4	6	0	1322.7767900	1322.7767233
	0.0000667	-0.0003000	0.0000000							
2235:	8	4	4	1	9	4	5	0	1323.0401800	1323.0401686
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2236:	7	4	3	1	8	4	4	0	1323.3034100	1323.3034394
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2237:	6	4	2	1	7	4	3	0	1323.5666600	1323.5665389
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2270:	42	4	38	1 41 4 37 0
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2343: 46 4 43 1 47 4 44 0	1312.9257500	1312.9255517
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2356: 21 4 18 1 22 4 19 0	1319.6007800	1319.6011480
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2377:	8	4	5	1 7 4 4 0
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2405:	44	4	41	1	43	4	40	0	1336.8260400	1336.8259988
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2406:	45	4	42	1	44	4	41	0	1337.0810200	1337.0811169
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2411:	51	4	48	1	50	4	47	0	1338.5997600	1338.5997764
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2421:	62	4	59	1	61	4	58	0	1341.3154700	1341.3155526
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2423:	64	4	61	1	63	4	60	0	1341.7984100	1341.7983979
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2708: 81	5 77	1 80	5 76	0
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2734: 62	6 56	1 63	6 57	0	1308.4069900	1308.4067421
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2739: 47	6 41	1 48	6 42	0	1312.4546300	1312.4540699
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2742: 44	6 38	1 45	6 39	0	1313.2598700	1313.2594527
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2743: 43	6 37	1 44	6 38	0	1313.5276200	1313.5276468
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2746: 40	6 34	1 41	6 35	0	1314.3315500	1314.3314388
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2747: 39	6 33	1 40	6 34	0	1314.5993100	1314.5991068
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2750: 36	6 30	1 37	6 31	0	1315.4012600	1315.4013212
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3039:	14	7 7 1 13 7 6 0	1328.7098700	1328.7097755
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3040:	15	7 8 1 14 7 7 0	1328.9697500	1328.9697516
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3041:	16	7 9 1 15 7 8 0	1329.2294000	1329.2295884
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3042:	17	7 10 1 16 7 9 0	1329.4892200	1329.4892863
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3043:	18	7 11 1 17 7 10 0	1329.7487200	1329.7488456
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3044:	19	7 12 1 18 7 11 0	1330.0083800	1330.0082666
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3045:	20	7 13 1 19 7 12 0	1330.2675000	1330.2675497
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3046:	21	7 14 1 20 7 13 0	1330.5267700	1330.5266954
0.0000746	-0.0003000	0.0000000		
3047:	22	7 15 1 21 7 14 0	1330.7857000	1330.7857042
-0.0000042	-0.0003000	0.0000000		
3048:	31	7 24 1 30 7 23 0	1333.1107700	1333.1107027
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3049:	32	7 25 1 31 7 24 0	1333.3680100	1333.3683712
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3050:	33	7 26 1 32 7 25 0	1333.6261700	1333.6259093
0.0002607	-0.0003000	0.0000000		
3051:	34	7 27 1 33 7 26 0	1333.8834800	1333.8833177
0.0001623	-0.0003000	0.0000000		
3052:	35	7 28 1 34 7 27 0	1334.1404400	1334.1405972
-0.0001572	-0.0003000	0.0000000		

3053:	36	7	29	1	35	7	28	0	1334.3975100	1334.3977488
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3054:	37	7	30	1	36	7	29	0	1334.6548200	1334.6547733
0.0000467	-0.0003000	0.0000000								
3055:	38	7	31	1	37	7	30	0	1334.9117400	1334.9116716
0.0000684	-0.0003000	0.0000000								
3056:	39	7	32	1	38	7	31	0	1335.1684300	1335.1684448
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3057:	40	7	33	1	39	7	32	0	1335.4252200	1335.4250938
0.0001262	-0.0003000	0.0000000								
3058:	44	7	37	1	43	7	36	0	1336.4501200	1336.4504733
-0.0003533	-0.0003000	0.0000000								
3059:	45	7	38	1	44	7	37	0	1336.7064200	1336.7065206
-0.0001006	-0.0003000	0.0000000								
3060:	46	7	39	1	45	7	38	0	1336.9624500	1336.9624520
-0.0000020	-0.0003000	0.0000000								
3061:	47	7	40	1	46	7	39	0	1337.2182400	1337.2182692
-0.0000292	-0.0003000	0.0000000								
3062:	50	7	43	1	49	7	42	0	1337.9850100	1337.9850561
-0.0000461	-0.0003000	0.0000000								
3063:	51	7	44	1	50	7	43	0	1338.2403300	1338.2404379
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3064:	52	7	45	1	51	7	44	0	1338.4955900	1338.4957174
-0.0001274	-0.0003000	0.0000000								
3065:	53	7	46	1	52	7	45	0	1338.7507300	1338.7508976
-0.0001676	-0.0003000	0.0000000								
3066:	54	7	47	1	53	7	46	0	1339.0056900	1339.0059821
-0.0002921	-0.0003000	0.0000000								
3067:	55	7	48	1	54	7	47	0	1339.2607100	1339.2609749
-0.0002649	-0.0003000	0.0000000								
3068:	56	7	49	1	55	7	48	0	1339.5155900	1339.5158804
-0.0002904	-0.0003000	0.0000000								
3069:	57	7	50	1	56	7	49	0	1339.7703300	1339.7707035
-0.0003735	-0.0003000	0.0000000								
3070:	58	7	51	1	57	7	50	0	1340.0249800	1340.0254497
-0.0004697	-0.0003000	0.0000000								
3071:	65	7	58	1	64	7	57	0	1341.8072100	1341.8071545
0.0000555	-0.0003000	0.0000000								
3072:	66	7	59	1	65	7	58	0	1342.0611900	1342.0615877
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3073:	67	7	60	1	66	7	59	0	1342.3158800	1342.3160366
-0.0001566	-0.0003000	0.0000000								
3074:	69	7	62	1	68	7	61	0	1342.8249000	1342.8250525
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3075:	70	7	63	1	69	7	62	0	1343.0794800	1343.0796596
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3076:	71	7	64	1	70	7	63	0	1343.3345700	1343.3343630
0.0002070	-0.0003000	0.0000000								
3077:	72	7	65	1	71	7	64	0	1343.5892800	1343.5891884
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3078:	74	7	67	1	73	7	66	0	1344.0990400	1344.0993189
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3079:	75	7	68	1	74	7	67	0	1344.3548300	1344.3546873
0.0001427	-0.0003000	0.0000000								
3080:	76	7	69	1	75	7	68	0	1344.6103500	1344.6103039
0.0000461	-0.0003000	0.0000000								
3081:	77	7	70	1	76	7	69	0	1344.8661100	1344.8662065
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3082:	78	7	71	1	77	7	70	0	1345.1224400	1345.1224350
0.0000050	-0.0003000	0.0000000								
3083:	79	7	72	1	78	7	71	0	1345.3787900	1345.3790311
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3084:	80	7	73	1	79	7	72	0	1345.6358200	1345.6360382
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3085:	83	7	76	1	82	7	75	0	1346.4103800	1346.4099695

0.0004105	-0.0003000	0.0000000		
3086: 84	7 77	1 83	7 76	0
0.0006880	-0.0003000	0.0000000	1346.6697500	1346.6690620
3087: 85	7 78	1 84	7 77	0
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3088: 86	7 79	1 85	7 78	0
0.0003027	-0.0003000	0.0000000	1347.1894600	1347.1891573
3089: 87	7 80	1 86	7 79	0
-0.0005825	-0.0003000	0.0000000	1347.4496400	1347.4502225
3090: 88	7 81	1 87	7 80	0
-0.0001451	-0.0003000	0.0000000	1347.7118500	1347.7119951
3091: 89	7 82	1 88	7 81	0
-0.0001943	-0.0003000	0.0000000	1347.9742900	1347.9744843
3092: 83	7 77	1 84	7 78	0
0.0003467	-0.0003000	0.0000000	1302.6408500	1302.6405033
3093: 82	7 76	1 83	7 77	0
-0.0000075	-0.0003000	0.0000000	1302.9096700	1302.9096775
3094: 80	7 74	1 81	7 75	0
0.0009585	-0.0003000	0.0000000	1303.4491600	1303.4482015
3095: 79	7 73	1 80	7 74	0
0.0012124	-0.0003000	0.0000000	1303.7187500	1303.7175376
3096: 78	7 72	1 79	7 73	0
-0.0000539	-0.0003000	0.0000000	1303.9868600	1303.9869139
3097: 77	7 71	1 78	7 72	0
-0.0002735	-0.0003000	0.0000000	1304.2560500	1304.2563235
3098: 74	7 68	1 75	7 69	0
0.0004968	-0.0003000	0.0000000	1305.0651800	1305.0646832
3099: 73	7 67	1 74	7 68	0
0.0002421	-0.0003000	0.0000000	1305.3344000	1305.3341579
3100: 72	7 66	1 73	7 67	0
0.0001274	-0.0003000	0.0000000	1305.6037600	1305.6036326
3101: 70	7 64	1 71	7 65	0
0.0004626	-0.0003000	0.0000000	1306.1430200	1306.1425574
3102: 69	7 63	1 70	7 64	0
0.0001241	-0.0003000	0.0000000	1306.4121200	1306.4119959
3103: 68	7 62	1 69	7 63	0
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3104: 61	7 55	1 62	7 56	0
-0.0004015	-0.0003000	0.0000000	1308.5658500	1308.5662515
3105: 60	7 54	1 61	7 55	0
-0.0005005	-0.0003000	0.0000000	1308.8348100	1308.8353105
3106: 59	7 53	1 60	7 54	0
-0.0001073	-0.0003000	0.0000000	1309.1042000	1309.1043073
3107: 58	7 52	1 59	7 53	0
-0.0004486	-0.0003000	0.0000000	1309.3727900	1309.3732386
3108: 57	7 51	1 58	7 52	0
-0.0003313	-0.0003000	0.0000000	1309.6417700	1309.6421013
3109: 56	7 50	1 57	7 51	0
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3110: 55	7 49	1 56	7 50	0
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3113: 52	7 46	1 53	7 47	0
-0.0001778	-0.0003000	0.0000000	1310.9851100	1310.9852878
3114: 51	7 45	1 52	7 46	0
-0.0001020	-0.0003000	0.0000000	1311.2535800	1311.2536820
3115: 50	7 44	1 51	7 45	0
-0.0001198	-0.0003000	0.0000000	1311.5218700	1311.5219898
3116: 49	7 43	1 50	7 44	0
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3117: 48	7 42	1 49	7 43	0
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3118: 47 7 41 1 48 7 42 0	1312.3262100	1312.3263737
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3120: 45 7 39 1 46 7 40 0	1312.8623600	1312.8621606
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3121: 44 7 38 1 45 7 39 0	1313.1301200	1313.1299078
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3122: 42 7 36 1 43 7 37 0	1313.6650800	1313.6651009
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3123: 30 7 24 1 31 7 25 0	1316.8671600	1316.8671679
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3124: 29 7 23 1 30 7 24 0	1317.1332300	1317.1332571
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3125: 28 7 22 1 29 7 23 0	1317.3991100	1317.3992249
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3126: 27 7 21 1 28 7 22 0	1317.6651300	1317.6650701
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3127: 26 7 20 1 27 7 21 0	1317.9307300	1317.9307917
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3128: 25 7 19 1 26 7 20 0	1318.1961000	1318.1963886
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3129: 24 7 18 1 25 7 19 0	1318.4619000	1318.4618596
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3130: 23 7 17 1 24 7 18 0	1318.7270200	1318.7272037
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3131: 22 7 16 1 23 7 17 0	1318.9924400	1318.9924201
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3132: 21 7 15 1 22 7 16 0	1319.2575100	1319.2575076
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3133: 20 7 14 1 21 7 15 0	1319.5223600	1319.5224654
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3134: 19 7 13 1 20 7 14 0	1319.7872000	1319.7872926
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3135: 18 7 12 1 19 7 13 0	1320.0520000	1320.0519883
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3136: 17 7 11 1 18 7 12 0	1320.3164900	1320.3165518
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3138: 15 7 9 1 16 7 10 0	1320.8453000	1320.8452789
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3139: 14 7 8 1 15 7 9 0	1321.1093900	1321.1094411
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3140: 13 7 7 1 14 7 8 0	1321.3734100	1321.3734681
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3141: 12 7 6 1 13 7 7 0	1321.6370900	1321.6373594
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3142: 11 7 5 1 12 7 6 0	1321.9010900	1321.9011142
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3143: 10 7 4 1 11 7 5 0	1322.1645000	1322.1647322
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3144: 9 7 3 1 10 7 4 0	1322.4281700	1322.4282127
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3145: 8 7 2 1 9 7 3 0	1322.6913300	1322.6915553
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3146: 7 7 1 1 8 7 2 0	1322.9544500	1322.9547595
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3147: 8 7 2 1 7 7 1 0	1327.1468200	1327.1469795
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3151: 12	7 6 1 11	7 5 0	1328.1893900	1328.1894044
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3152: 13	7 7 1 12	7 6 0	1328.4500100	1328.4496599
0.0003501	-0.0003000	0.0000000		
3153: 14	7 8 1 13	7 7 0	1328.7098700	1328.7097755
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3154: 15	7 9 1 14	7 8 0	1328.9697500	1328.9697516
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3155: 16	7 10 1 15	7 9 0	1329.2294000	1329.2295884
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3156: 17	7 11 1 16	7 10 0	1329.4892200	1329.4892863
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3157: 18	7 12 1 17	7 11 0	1329.7487200	1329.7488456
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3158: 19	7 13 1 18	7 12 0	1330.0083800	1330.0082666
0.0001134	-0.0003000	0.0000000		
3159: 20	7 14 1 19	7 13 0	1330.2675000	1330.2675497
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3160: 21	7 15 1 20	7 14 0	1330.5267700	1330.5266954
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3161: 22	7 16 1 21	7 15 0	1330.7857000	1330.7857042
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3162: 31	7 25 1 30	7 24 0	1333.1107700	1333.1107025
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3163: 32	7 26 1 31	7 25 0	1333.3680100	1333.3683708
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3164: 33	7 27 1 32	7 26 0	1333.6261700	1333.6259087
0.0002613	-0.0003000	0.0000000		
3165: 34	7 28 1 33	7 27 0	1333.8834800	1333.8833168
0.0001632	-0.0003000	0.0000000		
3166: 35	7 29 1 34	7 28 0	1334.1404400	1334.1405960
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3167: 36	7 30 1 35	7 29 0	1334.3975100	1334.3977469
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3168: 37	7 31 1 36	7 30 0	1334.6548200	1334.6547706
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3169: 38	7 32 1 37	7 31 0	1334.9117400	1334.9116678
0.0000722	-0.0003000	0.0000000		
3170: 39	7 33 1 38	7 32 0	1335.1684300	1335.1684394
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3171: 40	7 34 1 39	7 33 0	1335.4252200	1335.4250864
0.0001336	-0.0003000	0.0000000		
3172: 44	7 38 1 43	7 37 0	1336.4501200	1336.4504472
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3173: 45	7 39 1 44	7 38 0	1336.7064200	1336.7064857
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3174: 46	7 40 1 45	7 39 0	1336.9624500	1336.9624055
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3175: 47	7 41 1 46	7 40 0	1337.2182400	1337.2182077
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3176: 50	7 44 1 49	7 43 0	1337.9850100	1337.9849189
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3177: 51	7 45 1 50	7 44 0	1338.2403300	1338.2402608
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3178: 52	7 46 1 51	7 45 0	1338.4955900	1338.4954898
0.0001002	-0.0003000	0.0000000		
3179: 53	7 47 1 52	7 46 0	1338.7507300	1338.7506067
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3180: 54	7 48 1 53	7 47 0	1339.0056900	1339.0056123
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3181: 55	7 49 1 54	7 48 0	1339.2607100	1339.2605070
0.0002030	-0.0003000	0.0000000		
3182: 56	7 50 1 55	7 49 0	1339.5155900	1339.5152912
0.0002988	-0.0003000	0.0000000		

3183:	57	7	51	1	56	7	50	0	1339.7703300	1339.7699650
	0.0003650	-0.0003000	0.0000000							
3184:	58	7	52	1	57	7	51	0	1340.0249800	1340.0245283
	0.0004517	-0.0003000	0.0000000							
3185:	65	7	59	1	64	7	58	0	1341.8030900	1341.8032890
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3186:	66	7	60	1	65	7	59	0	1342.0571500	1342.0569157
	0.0002343	-0.0003000	0.0000000							
3187:	67	7	61	1	66	7	60	0	1342.3107300	1342.3104103
	0.0003197	-0.0003000	0.0000000							
3188:	68	7	62	1	67	7	61	0	1342.5639400	1342.5637668
	0.0001732	-0.0003000	0.0000000							
3189:	70	7	64	1	69	7	63	0	1343.0698000	1343.0700368
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3190:	71	7	65	1	70	7	64	0	1343.3228800	1343.3229331
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3191:	72	7	66	1	71	7	65	0	1343.5757400	1343.5756569
	0.0000831	-0.0003000	0.0000000							
3192:	73	7	67	1	72	7	66	0	1343.8280800	1343.8281965
	-0.0001165	-0.0003000	0.0000000							
3193:	74	7	68	1	73	7	67	0	1344.0804200	1344.0805387
	-0.0001187	-0.0003000	0.0000000							
3194:	75	7	69	1	74	7	68	0	1344.3325000	1344.3326692
	-0.0001692	-0.0003000	0.0000000							
3195:	76	7	70	1	75	7	69	0	1344.5853700	1344.5845719
	0.0007981	-0.0003000	0.0000000							
3196:	77	7	71	1	76	7	70	0	1344.8366200	1344.8362293
	0.0003907	-0.0003000	0.0000000							
3197:	78	7	72	1	77	7	71	0	1345.0870200	1345.0876224
	-0.0006024	-0.0003000	0.0000000							
3198:	79	7	73	1	78	7	72	0	1345.3384400	1345.3387305
	-0.0002905	-0.0003000	0.0000000							
3199:	80	7	74	1	79	7	73	0	1345.5891000	1345.5895316
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3200:	81	7	75	1	80	7	74	0	1345.8400700	1345.8400020
	0.0000680	-0.0003000	0.0000000							
3201:	82	7	76	1	81	7	75	0	1346.0902600	1346.0901164
	0.0001436	-0.0003000	0.0000000							
3202:	83	7	77	1	82	7	76	0	1346.3399400	1346.3398484
	0.0000916	-0.0003000	0.0000000							
3203:	86	7	80	1	85	7	79	0	1347.0865100	1347.0864641
	0.0000459	-0.0003000	0.0000000							
3204:	87	7	81	1	86	7	80	0	1347.3343500	1347.3343751
	-0.0000251	-0.0003000	0.0000000							
3205:	88	7	82	1	87	7	81	0	1347.5822100	1347.5817529
	0.0004571	-0.0003000	0.0000000							
3206:	90	7	84	1	89	7	83	0	1348.0755500	1348.0747770
	0.0007730	-0.0003000	0.0000000							
3207:	91	7	85	1	90	7	84	0	1348.3207300	1348.3203564
	0.0003736	-0.0003000	0.0000000							
3208:	94	8	86	1	95	8	87	0	1299.5296600	1299.5293720
	0.0002880	-0.0003000	0.0000000							
3209:	93	8	85	1	94	8	86	0	1299.7997400	1299.7993545
	0.0003855	-0.0003000	0.0000000							
3210:	92	8	84	1	93	8	85	0	1300.0695900	1300.0692991
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3211:	90	8	82	1	91	8	83	0	1300.6094400	1300.6090739
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3212:	58	8	50	1	59	8	51	0	1309.2243900	1309.2244180
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3213:	57	8	49	1	58	8	50	0	1309.4927300	1309.4928520
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3214:	54	8	46	1	55	8	47	0	1310.2984400	1310.2977552
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3215:	53	8	45	1	54	8	46	0	1310.5660300	1310.5659172

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3217: 51	8 43 1 52	8 44 0	1311.1021300	1311.1020218
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3219: 49	8 41 1 50	8 42 0	1311.6378900	1311.6378215
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3223: 45	8 37 1 46	8 38 0	1312.7084500	1312.7084498
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3243: 24	8 16 1 25	8 17 0	1318.3041600	1318.3040816
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3254: 13	8 5 1 14	8 6 0	1321.2148700	1321.2151991
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3361: 27	8 20 1 28	8 21 0	1317.5074700	1317.5075974
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3362: 26	8 19 1 27	8 20 0	1317.7731200	1317.7732081
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3374: 14	8 7 1 15	8 8 0	1320.9512800	1320.9511815
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3377: 11	8 4 1 12	8 5 0	1321.7428600	1321.7428434
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3380:	9	8	2	1	8	8	1	0	1327.2501300	1327.2501424
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3381:	10	8	3	1	9	8	2	0	1327.5107400	1327.5108376
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3382:	11	8	4	1	10	8	3	0	1327.7713400	1327.7713875
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3383:	12	8	5	1	11	8	4	0	1328.0319900	1328.0317916
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3384:	13	8	6	1	12	8	5	0	1328.2919700	1328.2920497
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3385:	14	8	7	1	13	8	6	0	1328.5521700	1328.5521613
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3386:	15	8	8	1	14	8	7	0	1328.8121800	1328.8121263
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3387:	16	8	9	1	15	8	8	0	1329.0719200	1329.0719442
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3389:	18	8	11	1	17	8	10	0	1329.5910200	1329.5911380
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3390:	19	8	12	1	18	8	11	0	1329.8505100	1329.8505132
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3391:	20	8	13	1	19	8	12	0	1330.1099100	1330.1097404
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3392:	21	8	14	1	20	8	13	0	1330.3689800	1330.3688193
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3393:	22	8	15	1	21	8	14	0	1330.6280200	1330.6277498
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3394:	23	8	16	1	22	8	15	0	1330.8863700	1330.8865315
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3395:	24	8	17	1	23	8	16	0	1331.1450800	1331.1451644
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3396:	25	8	18	1	24	8	17	0	1331.4033300	1331.4036483
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3397:	26	8	19	1	25	8	18	0	1331.6616000	1331.6619830
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3398:	27	8	20	1	26	8	19	0	1331.9204500	1331.9201684
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3399:	28	8	21	1	27	8	20	0	1332.1784200	1332.1782044
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3400:	29	8	22	1	28	8	21	0	1332.4361900	1332.4360908
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3401:	30	8	23	1	29	8	22	0	1332.6939500	1332.6938276
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3417: 46	8 39 1 45 8 38 0		1336.7972300	1336.7972499
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3418: 47	8 40 1 46 8 39 0		1337.0526000	1337.0524436
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3445: 83	8 76	1 82	8 75	0	1346.1420000	1346.1420570
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3446: 84	8 77	1 83	8 76	0	1346.3918600	1346.3917091
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3449: 87	8 80	1 86	8 79	0	1347.1394600	1347.1394645
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3451: 89	8 82	1 88	8 81	0	1347.6361400	1347.6368619
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3466: 71	9 62	1 72	9 63	0	1305.5610300	1305.5611132
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3561: 43	9 34 1 42	9 33 0	1335.8491500	1335.8491607
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3562: 44	9 35 1 43	9 34 0	1336.1044700	1336.1044766
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3563: 45	9 36 1 44	9 35 0	1336.3596900	1336.3596238
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3564: 46	9 37 1 45	9 36 0	1336.6145500	1336.6146017
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3565: 47	9 38 1 46	9 37 0	1336.8691600	1336.8694100
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3566: 48	9 39 1 47	9 38 0	1337.1239400	1337.1240481
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3573: 58	9 49 1 57 9 48 0	1339.6608900	1339.6609837
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3574: 59	9 50 1 58 9 49 0	1339.9137700	1339.9137246
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3575: 60	9 51 1 59 9 50 0	1340.1662500	1340.1662911
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3576: 62	9 53 1 61 9 52 0	1340.6706100	1340.6708997
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3577: 63	9 54 1 62 9 53 0	1340.9230800	1340.9229415
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3578: 64	9 55 1 63 9 54 0	1341.1748500	1341.1748081
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3587: 73	9 64 1 72 9 63 0	1343.4335400	1343.4337179
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3613:	68	9 60 1 69 9 61 0	1306.3672600	1306.3671051
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3614:	67	9 59 1 68 9 60 0	1306.6356900	1306.6356965
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3625:	56	9 48 1 57 9 49 0	1309.5874300	1309.5873484
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3642: 39 9 31 1 40 9 32 0	1314.1341500	1314.1342039
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3646: 35 9 27 1 36 9 28 0	1315.2005200	1315.2006232
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3648: 33 9 25 1 34 9 26 0	1315.7331800	1315.7332653
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3654: 27 9 19 1 28 9 20 0	1317.3288600	1317.3287720
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3664: 16 9 8 1 17 9 9 0	1320.2435300	1320.2435847
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3689: 27	9	19	1	26 9 18 0
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3697: 35	9	27	1	34 9 26 0
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3698: 36	9	28	1	35 9 27 0
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3699: 37	9	29	1	36 9 28 0
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3700: 38	9	30	1	37 9 29 0
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3701: 39	9	31	1	38 9 30 0
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3705:	43	9	35	1	42	9	34	0	1335.8491500	1335.8491607
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3706:	44	9	36	1	43	9	35	0	1336.1044700	1336.1044766
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3707:	45	9	37	1	44	9	36	0	1336.3596900	1336.3596238
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3708:	46	9	38	1	45	9	37	0	1336.6145500	1336.6146017
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3709:	47	9	39	1	46	9	38	0	1336.8691600	1336.8694100
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3710:	48	9	40	1	47	9	39	0	1337.1239400	1337.1240481
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3711:	49	9	41	1	48	9	40	0	1337.3788400	1337.3785157
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3714:	55	9	47	1	54	9	46	0	1338.9017800	1338.9017163
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3715:	56	9	48	1	55	9	47	0	1339.1547600	1339.1549787
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3716:	57	9	49	1	56	9	48	0	1339.4078400	1339.4080673
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3717:	58	9	50	1	57	9	49	0	1339.6608900	1339.6609820
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3718:	59	9	51	1	58	9	50	0	1339.9137700	1339.9137224
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3719:	60	9	52	1	59	9	51	0	1340.1662500	1340.1662882
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3720:	62	9	54	1	61	9	53	0	1340.6706100	1340.6708947
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3721:	63	9	55	1	62	9	54	0	1340.9230800	1340.9229349
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3722:	64	9	56	1	63	9	55	0	1341.1748500	1341.1747994
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3723:	65	9	57	1	64	9	56	0	1341.4264300	1341.4264880
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3724:	66	9	58	1	65	9	57	0	1341.6779500	1341.6780004
-0.0000504	-0.0003000	0.0000000								
3725:	67	9	59	1	66	9	58	0	1341.9293900	1341.9293365
0.0000535	-0.0003000	0.0000000								
3726:	68	9	60	1	67	9	59	0	1342.1805300	1342.1804961
0.0000339	-0.0003000	0.0000000								
3727:	69	9	61	1	68	9	60	0	1342.4315100	1342.4314790
0.0000310	-0.0003000	0.0000000								
3728:	70	9	62	1	69	9	61	0	1342.6824300	1342.6822850
0.0001450	-0.0003000	0.0000000								
3729:	71	9	63	1	70	9	62	0	1342.9329400	1342.9329139
0.0000261	-0.0003000	0.0000000								
3730:	72	9	64	1	71	9	63	0	1343.1834900	1343.1833657
0.0001243	-0.0003000	0.0000000								
3731:	73	9	65	1	72	9	64	0	1343.4335400	1343.4336401
-0.0001001	-0.0003000	0.0000000								
3732:	74	9	66	1	73	9	65	0	1343.6839300	1343.6837369
0.0001931	-0.0003000	0.0000000								
3733:	75	9	67	1	74	9	66	0	1343.9338100	1343.9336561
0.0001539	-0.0003000	0.0000000								
3734:	76	9	68	1	75	9	67	0	1344.1833900	1344.1833974
-0.0000074	-0.0003000	0.0000000								
3735:	77	9	69	1	76	9	68	0	1344.4330700	1344.4329606

0.0001094	-0.0003000	0.0000000		
3736: 78	9 70	1 77	9 69	0
0.0001145	-0.0003000	0.0000000	1344.6824600	1344.6823455
3737: 79	9 71	1 78	9 70	0
0.0000883	-0.0003000	0.0000000	1344.9316400	1344.9315517
3738: 81	9 73	1 80	9 72	0
0.0002834	-0.0003000	0.0000000	1345.4297100	1345.4294266
3739: 82	9 74	1 81	9 73	0
0.0003656	-0.0003000	0.0000000	1345.6784600	1345.6780944
3740: 83	9 75	1 82	9 74	0
-0.0001417	-0.0003000	0.0000000	1345.9264400	1345.9265817
3741: 93	10 83	1 94	10 84	0
0.0000096	-0.0003000	0.0000000	1299.4600100	1299.4600004
3742: 92	10 82	1 93	10 83	0
-0.0007162	-0.0003000	0.0000000	1299.7277500	1299.7284662
3743: 88	10 78	1 89	10 79	0
0.0003757	-0.0003000	0.0000000	1300.8028900	1300.8025143
3744: 87	10 77	1 88	10 78	0
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3745: 86	10 76	1 87	10 77	0
0.0000807	-0.0003000	0.0000000	1301.3397000	1301.3396193
3746: 85	10 75	1 86	10 76	0
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3747: 82	10 72	1 83	10 73	0
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3748: 81	10 71	1 82	10 72	0
0.0002083	-0.0003000	0.0000000	1302.6826900	1302.6824817
3749: 80	10 70	1 81	10 71	0
0.0004557	-0.0003000	0.0000000	1302.9515100	1302.9510543
3750: 79	10 69	1 80	10 70	0
0.0001279	-0.0003000	0.0000000	1303.2197500	1303.2196221
3751: 78	10 68	1 79	10 69	0
0.0001471	-0.0003000	0.0000000	1303.4883300	1303.4881829
3752: 77	10 67	1 78	10 68	0
-0.0001546	-0.0003000	0.0000000	1303.7565800	1303.7567346
3753: 76	10 66	1 77	10 67	0
-0.0003951	-0.0003000	0.0000000	1304.0248800	1304.0252751
3754: 75	10 65	1 76	10 66	0
-0.0003724	-0.0003000	0.0000000	1304.2934300	1304.2938024
3755: 74	10 64	1 75	10 65	0
-0.0002244	-0.0003000	0.0000000	1304.5620900	1304.5623144
3756: 73	10 63	1 74	10 64	0
0.0002810	-0.0003000	0.0000000	1304.8310900	1304.8308090
3757: 72	10 62	1 73	10 63	0
0.0000659	-0.0003000	0.0000000	1305.0993500	1305.0992841
3758: 71	10 61	1 72	10 62	0
0.0001123	-0.0003000	0.0000000	1305.3678500	1305.3677377
3759: 70	10 60	1 71	10 61	0
-0.0000777	-0.0003000	0.0000000	1305.6360900	1305.6361677
3760: 69	10 59	1 70	10 60	0
0.0002479	-0.0003000	0.0000000	1305.9048200	1305.9045721
3761: 68	10 58	1 69	10 59	0
0.0000111	-0.0003000	0.0000000	1306.1729600	1306.1729489
3762: 67	10 57	1 68	10 58	0
0.0000039	-0.0003000	0.0000000	1306.4413000	1306.4412961
3763: 66	10 56	1 67	10 57	0
-0.0002515	-0.0003000	0.0000000	1306.7093600	1306.7096115
3764: 65	10 55	1 66	10 56	0
-0.0001033	-0.0003000	0.0000000	1306.9777900	1306.9778933
3765: 64	10 54	1 65	10 55	0
-0.0001494	-0.0003000	0.0000000	1307.2459900	1307.2461394
3766: 63	10 53	1 64	10 54	0
-0.0000878	-0.0003000	0.0000000	1307.5142600	1307.5143478
3767: 62	10 52	1 63	10 53	0
-0.0000966	-0.0003000	0.0000000	1307.7824200	1307.7825166

3768:	61	10	51	1	62	10	52	0	1308.0508400	1308.0506438
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3769:	60	10	50	1	61	10	51	0	1308.3186400	1308.3187273
	-0.0000873	-0.0003000	0.0000000							
3770:	59	10	49	1	60	10	50	0	1308.5871400	1308.5867654
	0.0003746	-0.0003000	0.0000000							
3771:	58	10	48	1	59	10	49	0	1308.8545900	1308.8547560
	-0.0001660	-0.0003000	0.0000000							
3772:	57	10	47	1	58	10	48	0	1309.1226600	1309.1226972
	-0.0000372	-0.0003000	0.0000000							
3773:	56	10	46	1	57	10	47	0	1309.3906300	1309.3905872
	0.0000428	-0.0003000	0.0000000							
3774:	55	10	45	1	56	10	46	0	1309.6583500	1309.6584239
	-0.0000739	-0.0003000	0.0000000							
3775:	54	10	44	1	55	10	45	0	1309.9262000	1309.9262055
	-0.0000055	-0.0003000	0.0000000							
3776:	53	10	43	1	54	10	44	0	1310.1940100	1310.1939301
	0.0000799	-0.0003000	0.0000000							
3777:	52	10	42	1	53	10	43	0	1310.4615600	1310.4615958
	-0.0000358	-0.0003000	0.0000000							
3778:	51	10	41	1	52	10	42	0	1310.7292900	1310.7292009
	0.0000891	-0.0003000	0.0000000							
3779:	50	10	40	1	51	10	41	0	1310.9967700	1310.9967433
	0.0000267	-0.0003000	0.0000000							
3780:	49	10	39	1	50	10	40	0	1311.2641700	1311.2642213
	-0.0000513	-0.0003000	0.0000000							
3781:	48	10	38	1	49	10	39	0	1311.5315700	1311.5316331
	-0.0000631	-0.0003000	0.0000000							
3782:	47	10	37	1	48	10	38	0	1311.7989600	1311.7989769
	-0.0000169	-0.0003000	0.0000000							
3783:	46	10	36	1	47	10	37	0	1312.0664500	1312.0662508
	0.0001992	-0.0003000	0.0000000							
3784:	45	10	35	1	46	10	36	0	1312.3333600	1312.3334531
	-0.0000931	-0.0003000	0.0000000							
3785:	44	10	34	1	45	10	35	0	1312.6004300	1312.6005819
	-0.0001519	-0.0003000	0.0000000							
3786:	43	10	33	1	44	10	34	0	1312.8674000	1312.8676356
	-0.0002356	-0.0003000	0.0000000							
3787:	42	10	32	1	43	10	33	0	1313.1345700	1313.1346124
	-0.0000424	-0.0003000	0.0000000							
3788:	41	10	31	1	42	10	32	0	1313.4015300	1313.4015105
	0.0000195	-0.0003000	0.0000000							
3789:	40	10	30	1	41	10	31	0	1313.6680600	1313.6683282
	-0.0002682	-0.0003000	0.0000000							
3790:	28	10	18	1	29	10	19	0	1316.8632800	1316.8632630
	0.0000170	-0.0003000	0.0000000							
3791:	27	10	17	1	28	10	18	0	1317.1289100	1317.1288854
	0.0000246	-0.0003000	0.0000000							
3792:	26	10	16	1	27	10	17	0	1317.3944000	1317.3944047
	-0.0000047	-0.0003000	0.0000000							
3793:	25	10	15	1	26	10	16	0	1317.6598100	1317.6598195
	-0.0000095	-0.0003000	0.0000000							
3794:	24	10	14	1	25	10	15	0	1317.9249100	1317.9251282
	-0.0002182	-0.0003000	0.0000000							
3795:	23	10	13	1	24	10	14	0	1318.1902500	1318.1903295
	-0.0000795	-0.0003000	0.0000000							
3796:	22	10	12	1	23	10	13	0	1318.4557100	1318.4554217
	0.0002883	-0.0003000	0.0000000							
3797:	21	10	11	1	22	10	12	0	1318.7200200	1318.7204036
	-0.0003836	-0.0003000	0.0000000							
3798:	20	10	10	1	21	10	11	0	1318.9851300	1318.9852736
	-0.0001436	-0.0003000	0.0000000							
3799:	19	10	9	1	20	10	10	0	1319.2497600	1319.2500303
	-0.0002703	-0.0003000	0.0000000							
3800:	18	10	8	1	19	10	9	0	1319.5143800	1319.5146723

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3801:	17	10	7	1 18 10 8 0
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3802:	16	10	6	1 17 10 7 0
				1320.0437000 1320.0436068
0.0000932	-0.0003000	0.0000000		
3803:	15	10	5	1 16 10 6 0
				1320.3077700 1320.3078965
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3804:	12	10	2	1 11 10 1 0
				1327.6547300 1327.6546714
0.0000586	-0.0003000	0.0000000		
3805:	13	10	3	1 12 10 2 0
				1327.9153200 1327.9149834
0.0003366	-0.0003000	0.0000000		
3806:	14	10	4	1 13 10 3 0
				1328.1751600 1328.1751417
0.0000183	-0.0003000	0.0000000		
3807:	15	10	5	1 14 10 4 0
				1328.4352800 1328.4351454
0.0001346	-0.0003000	0.0000000		
3808:	16	10	6	1 15 10 5 0
				1328.6953400 1328.6949934
0.0003466	-0.0003000	0.0000000		
3809:	17	10	7	1 16 10 6 0
				1328.9543200 1328.9546848
-0.0003648	-0.0003000	0.0000000		
3810:	18	10	8	1 17 10 7 0
				1329.2140200 1329.2142185
-0.0001985	-0.0003000	0.0000000		
3811:	19	10	9	1 18 10 8 0
				1329.4733200 1329.4735937
-0.0002737	-0.0003000	0.0000000		
3812:	20	10	10	1 19 10 9 0
				1329.7324700 1329.7328093
-0.0003393	-0.0003000	0.0000000		
3813:	21	10	11	1 20 10 10 0
				1329.9914900 1329.9918645
-0.0003745	-0.0003000	0.0000000		
3814:	22	10	12	1 21 10 11 0
				1330.2507200 1330.2507582
-0.0000382	-0.0003000	0.0000000		
3815:	23	10	13	1 22 10 12 0
				1330.5095200 1330.5094895
0.0000305	-0.0003000	0.0000000		
3816:	24	10	14	1 23 10 13 0
				1330.7680500 1330.7680574
-0.0000074	-0.0003000	0.0000000		
3817:	25	10	15	1 24 10 14 0
				1331.0264200 1331.0264611
-0.0000411	-0.0003000	0.0000000		
3818:	26	10	16	1 25 10 15 0
				1331.2845400 1331.2846996
-0.0001596	-0.0003000	0.0000000		
3819:	27	10	17	1 26 10 16 0
				1331.5424800 1331.5427720
-0.0002920	-0.0003000	0.0000000		
3820:	28	10	18	1 27 10 17 0
				1331.8006100 1331.8006773
-0.0000673	-0.0003000	0.0000000		
3821:	29	10	19	1 28 10 18 0
				1332.0583500 1332.0584147
-0.0000647	-0.0003000	0.0000000		
3822:	30	10	20	1 29 10 19 0
				1332.3159900 1332.3159832
0.0000068	-0.0003000	0.0000000		
3823:	31	10	21	1 30 10 20 0
				1332.5735800 1332.5733820
0.0001980	-0.0003000	0.0000000		
3824:	32	10	22	1 31 10 21 0
				1332.8304900 1332.8306100
-0.0001200	-0.0003000	0.0000000		
3825:	33	10	23	1 32 10 22 0
				1333.0879600 1333.0876665
0.0002935	-0.0003000	0.0000000		
3826:	34	10	24	1 33 10 23 0
				1333.3444300 1333.3445505
-0.0001205	-0.0003000	0.0000000		
3827:	35	10	25	1 34 10 24 0
				1333.6012100 1333.6012611
-0.0000511	-0.0003000	0.0000000		
3828:	36	10	26	1 35 10 25 0
				1333.8577400 1333.8577975
-0.0000575	-0.0003000	0.0000000		
3829:	37	10	27	1 36 10 26 0
				1334.1143700 1334.1141587
0.0002113	-0.0003000	0.0000000		
3830:	38	10	28	1 37 10 27 0
				1334.3704000 1334.3703438
0.0000562	-0.0003000	0.0000000		
3831:	39	10	29	1 38 10 28 0
				1334.6264000 1334.6263520
0.0000480	-0.0003000	0.0000000		
3832:	40	10	30	1 39 10 29 0
				1334.8821500 1334.8821823
-0.0000323	-0.0003000	0.0000000		

3833:	41	10	31	1	40	10	30	0	1335.1377500	1335.1378339
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3834:	42	10	32	1	41	10	31	0	1335.3933300	1335.3933060
0.0000240	-0.0003000	0.0000000								
3835:	43	10	33	1	42	10	32	0	1335.6485900	1335.6485976
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3836:	44	10	34	1	43	10	33	0	1335.9036900	1335.9037078
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3837:	45	10	35	1	44	10	34	0	1336.1587700	1336.1586358
0.0001342	-0.0003000	0.0000000								
3838:	46	10	36	1	45	10	35	0	1336.4135100	1336.4133806
0.0001294	-0.0003000	0.0000000								
3839:	47	10	37	1	46	10	36	0	1336.6680300	1336.6679415
0.0000885	-0.0003000	0.0000000								
3840:	48	10	38	1	47	10	37	0	1336.9225100	1336.9223175
0.0001925	-0.0003000	0.0000000								
3841:	49	10	39	1	48	10	38	0	1337.1766300	1337.1765078
0.0001222	-0.0003000	0.0000000								
3842:	50	10	40	1	49	10	39	0	1337.4306100	1337.4305115
0.0000985	-0.0003000	0.0000000								
3843:	51	10	41	1	50	10	40	0	1337.6842200	1337.6843278
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3844:	52	10	42	1	51	10	41	0	1337.9379100	1337.9379556
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3845:	53	10	43	1	52	10	42	0	1338.1914200	1338.1913943
0.0000257	-0.0003000	0.0000000								
3846:	54	10	44	1	53	10	43	0	1338.4446600	1338.4446429
0.0000171	-0.0003000	0.0000000								
3847:	55	10	45	1	54	10	44	0	1338.6978000	1338.6977006
0.0000994	-0.0003000	0.0000000								
3848:	56	10	46	1	55	10	45	0	1338.9503900	1338.9505664
-0.0001764	-0.0003000	0.0000000								
3849:	57	10	47	1	56	10	46	0	1339.2031000	1339.2032396
-0.0001396	-0.0003000	0.0000000								
3850:	58	10	48	1	57	10	47	0	1339.4558100	1339.4557193
0.0000907	-0.0003000	0.0000000								
3851:	59	10	49	1	58	10	48	0	1339.7079800	1339.7080047
-0.0000247	-0.0003000	0.0000000								
3852:	60	10	50	1	59	10	49	0	1339.9599300	1339.9600948
-0.0001648	-0.0003000	0.0000000								
3853:	61	10	51	1	60	10	50	0	1340.2121400	1340.2119889
0.0001511	-0.0003000	0.0000000								
3854:	62	10	52	1	61	10	51	0	1340.4637600	1340.4636860
0.0000740	-0.0003000	0.0000000								
3855:	63	10	53	1	62	10	52	0	1340.7150700	1340.7151855
-0.0001155	-0.0003000	0.0000000								
3856:	64	10	54	1	63	10	53	0	1340.9663100	1340.9664863
-0.0001763	-0.0003000	0.0000000								
3857:	65	10	55	1	64	10	54	0	1341.2175900	1341.2175878
0.0000022	-0.0003000	0.0000000								
3858:	66	10	56	1	65	10	55	0	1341.4687200	1341.4684891
0.0002309	-0.0003000	0.0000000								
3859:	67	10	57	1	66	10	56	0	1341.7194500	1341.7191894
0.0002606	-0.0003000	0.0000000								
3860:	69	10	59	1	68	10	58	0	1342.2205000	1342.2199837
0.0005163	-0.0003000	0.0000000								
3861:	70	10	60	1	69	10	59	0	1342.4700800	1342.4700761
0.0000039	-0.0003000	0.0000000								
3862:	71	10	61	1	70	10	60	0	1342.7201300	1342.7199644
0.0001656	-0.0003000	0.0000000								
3863:	72	10	62	1	71	10	61	0	1342.9696800	1342.9696477
0.0000323	-0.0003000	0.0000000								
3864:	73	10	63	1	72	10	62	0	1343.2193600	1343.2191254
0.0002346	-0.0003000	0.0000000								
3865:	74	10	64	1	73	10	63	0	1343.4684700	1343.4683967

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3866: 75	10 65 1 74 10 64 0		1343.7173900	1343.7174610
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3867: 76	10 66 1 75 10 65 0		1343.9664500	1343.9663174
0.0001326	-0.0003000	0.0000000		
3868: 77	10 67 1 76 10 66 0		1344.2148100	1344.2149654
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3869: 78	10 68 1 77 10 67 0		1344.4634900	1344.4634043
0.0000857	-0.0003000	0.0000000		
3870: 79	10 69 1 78 10 68 0		1344.7120200	1344.7116335
0.0003865	-0.0003000	0.0000000		
3871: 80	10 70 1 79 10 69 0		1344.9595000	1344.9596524
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3872: 81	10 71 1 80 10 70 0		1345.2078100	1345.2074606
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3873: 82	10 72 1 81 10 71 0		1345.4549200	1345.4550574
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3874: 83	10 73 1 82 10 72 0		1345.7029300	1345.7024425
0.0004875	-0.0003000	0.0000000		
3875: 84	10 74 1 83 10 73 0		1345.9497400	1345.9496155
0.0001245	-0.0003000	0.0000000		
3876: 85	10 75 1 84 10 74 0		1346.1970900	1346.1965759
0.0005141	-0.0003000	0.0000000		
3877: 88	10 78 1 87 10 77 0		1346.9370400	1346.9361800
0.0008600	-0.0003000	0.0000000		
3878: 93	10 84 1 94 10 85 0		1299.4600100	1299.4600759
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3879: 92	10 83 1 93 10 84 0		1299.7277500	1299.7285302
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3880: 88	10 79 1 89 10 80 0		1300.8028900	1300.8025462
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3881: 87	10 78 1 88 10 79 0		1301.0707100	1301.0710884
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3882: 86	10 77 1 87 10 78 0		1301.3397000	1301.3396414
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3883: 85	10 76 1 86 10 77 0		1301.6079300	1301.6082030
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3888: 78	10 69 1 79 10 70 0		1303.4883300	1303.4881874
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3894: 72	10 63 1 73 10 64 0		1305.0993500	1305.0992852
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3906: 60 10 51 1 61 10 52 0	1308.3186400	1308.3187274
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3916: 50 10 41 1 51 10 42 0	1310.9967700	1310.9967433
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3918: 48 10 39 1 49 10 40 0	1311.5315700	1311.5316331
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3926: 40 10 31 1 41 10 32 0	1313.6680600	1313.6683282
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3928: 27 10 18 1 28 10 19 0	1317.1289100	1317.1288854
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3932: 23	10 14 1 24 10 15 0		1318.1902500	1318.1903295
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3933: 22	10 13 1 23 10 14 0		1318.4557100	1318.4554217
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3934: 21	10 12 1 22 10 13 0		1318.7200200	1318.7204036
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3935: 20	10 11 1 21 10 12 0		1318.9851300	1318.9852736
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3936: 19	10 10 1 20 10 11 0		1319.2497600	1319.2500303
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3937: 18	10 9 1 19 10 10 0		1319.5143800	1319.5146723
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3938: 17	10 8 1 18 10 9 0		1319.7791100	1319.7791983
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3939: 16	10 7 1 17 10 8 0		1320.0437000	1320.0436068
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3940: 15	10 6 1 16 10 7 0		1320.3077700	1320.3078965
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3941: 12	10 3 1 11 10 2 0		1327.6547300	1327.6546714
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3942: 13	10 4 1 12 10 3 0		1327.9153200	1327.9149834
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3943: 14	10 5 1 13 10 4 0		1328.1751600	1328.1751417
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3945: 16	10 7 1 15 10 6 0		1328.6953400	1328.6949934
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3946: 17	10 8 1 16 10 7 0		1328.9543200	1328.9546848
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3947: 18	10 9 1 17 10 8 0		1329.2140200	1329.2142185
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3948: 19	10 10 1 18 10 9 0		1329.4733200	1329.4735937
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3949: 20	10 11 1 19 10 10 0		1329.7324700	1329.7328093
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3961: 32	10 23 1 31 10 22 0		1332.8304900	1332.8306100
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3966:	37	10	28	1	36	10	27	0	1334.1143700	1334.1141587
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3967:	38	10	29	1	37	10	28	0	1334.3704000	1334.3703438
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3968:	39	10	30	1	38	10	29	0	1334.6264000	1334.6263520
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3969:	40	10	31	1	39	10	30	0	1334.8821500	1334.8821823
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3970:	41	10	32	1	40	10	31	0	1335.1377500	1335.1378339
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3971:	42	10	33	1	41	10	32	0	1335.3933300	1335.3933060
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3972:	43	10	34	1	42	10	33	0	1335.6485900	1335.6485976
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3973:	44	10	35	1	43	10	34	0	1335.9036900	1335.9037078
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3975:	46	10	37	1	45	10	36	0	1336.4135100	1336.4133806
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3997: 69	10 60	1 68	10 59	0 1342.2205000 1342.2199824
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3998: 70	10 61	1 69	10 60	0 1342.4700800 1342.4700745
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4002: 74	10 65	1 73	10 64	0 1343.4684700 1343.4683922
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4004: 76	10 67	1 75	10 66	0 1343.9664500 1343.9663100
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4008: 80	10 71	1 79	10 70	0 1344.9595000 1344.9596333
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4011: 83	10 74	1 82	10 73	0 1345.7029300 1345.7024050
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4012: 84	10 75	1 83	10 74	0 1345.9497400 1345.9495687
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4013: 85	10 76	1 84	10 75	0 1346.1970900 1346.1965179
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4014: 88	10 79	1 87	10 78	0 1346.9370400 1346.9360711
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4015: 86	11 75	1 87	11 76	0 1301.1259500 1301.1260867
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4016: 85	11 74	1 86	11 75	0 1301.3939500 1301.3944383
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4017: 84	11 73	1 85	11 74	0 1301.6621700 1301.6627975
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4022: 79	11 68	1 80	11 69	0 1303.0046000 1303.0046373
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4024: 77	11 66	1 78	11 67	0 1303.5412500 1303.5413556
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4027: 74	11 63	1 75	11 64	0 1304.3459100 1304.3463638
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4041:	58	11	47	1	59	11	48	0	1308.6361500	1308.6362313
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4045:	54	11	43	1	55	11	44	0	1309.7071700	1309.7071805
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4046:	53	11	42	1	54	11	43	0	1309.9748800	1309.9747898
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4049:	50	11	39	1	51	11	40	0	1310.7773400	1310.7772809
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4050:	49	11	38	1	50	11	39	0	1311.0445500	1311.0446596
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4051:	48	11	37	1	49	11	38	0	1311.3121200	1311.3119761
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4052:	47	11	36	1	48	11	37	0	1311.5791000	1311.5792286
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4053:	46	11	35	1	47	11	36	0	1311.8464200	1311.8464154
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4054:	45	11	34	1	46	11	35	0	1312.1134700	1312.1135346
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4055:	44	11	33	1	45	11	34	0	1312.3806000	1312.3805845
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4056:	43	11	32	1	44	11	33	0	1312.6474200	1312.6475633
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4057:	42	11	31	1	43	11	32	0	1312.9146100	1312.9144692
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4058:	41	11	30	1	42	11	31	0	1313.1812500	1313.1813006
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4059:	40	11	29	1	41	11	30	0	1313.4482800	1313.4480557
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4060:	39	11	28	1	40	11	29	0	1313.7147000	1313.7147328

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4062:	37	11	26	1 38 11 27 0
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4063:	36	11	25	1 37 11 26 0
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4064:	35	11	24	1 36 11 25 0
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4065:	34	11	23	1 35 11 24 0
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4066:	33	11	22	1 34 11 23 0
0.0001785	-0.0003000	0.0000000	1315.3132400	1315.3130615
4067:	32	11	21	1 33 11 22 0
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4069:	30	11	19	1 31 11 20 0
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4070:	29	11	18	1 30 11 19 0
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4071:	28	11	17	1 29 11 18 0
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4072:	27	11	16	1 28 11 17 0
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4073:	26	11	15	1 27 11 16 0
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4074:	25	11	14	1 26 11 15 0
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4075:	24	11	13	1 25 11 14 0
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4076:	23	11	12	1 24 11 13 0
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4077:	22	11	11	1 23 11 12 0
0.0000617	-0.0003000	0.0000000	1318.2347500	1318.2346883
4078:	21	11	10	1 22 11 11 0
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4079:	20	11	9	1 21 11 10 0
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4080:	19	11	8	1 20 11 9 0
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4081:	18	11	7	1 19 11 8 0
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4082:	17	11	6	1 18 11 7 0
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4083:	16	11	5	1 17 11 6 0
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4086:	13	11	2	1 14 11 3 0
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4087:	12	11	1	1 13 11 2 0
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4096:	20	11	9	1	19	11	8	0	1329.5137200	1329.5137730
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4097:	21	11	10	1	20	11	9	0	1329.7727800	1329.7728494
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4098:	22	11	11	1	21	11	10	0	1330.0315700	1330.0317606
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4103:	27	11	16	1	26	11	15	0	1331.3238300	1331.3237973
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4104:	28	11	17	1	27	11	16	0	1331.5817600	1331.5816926
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4105:	29	11	18	1	28	11	17	0	1331.8394700	1331.8394146
	0.0000554	-0.0003000	0.0000000							
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	0.0001179	-0.0003000	0.0000000							
4107:	31	11	20	1	30	11	19	0	1332.3543500	1332.3543338
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4108:	32	11	21	1	31	11	20	0	1332.6115900	1332.6115288
	0.0000612	-0.0003000	0.0000000							
4109:	33	11	22	1	32	11	21	0	1332.8685800	1332.8685457
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4111:	35	11	24	1	34	11	23	0	1333.3822800	1333.3820410
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4112:	36	11	25	1	35	11	24	0	1333.6384100	1333.6385170
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4113:	37	11	26	1	36	11	25	0	1333.8945800	1333.8948105
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4114:	41	11	30	1	40	11	29	0	1334.9180100	1334.9181350
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4115:	42	11	31	1	41	11	30	0	1335.1735200	1335.1734981
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4116:	43	11	32	1	42	11	31	0	1335.4286300	1335.4286716
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4117:	48	11	37	1	47	11	36	0	1336.7017700	1336.7016551
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4118:	49	11	38	1	48	11	37	0	1336.9555300	1336.9556668
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4121:	52	11	41	1	51	11	40	0	1337.7165900	1337.7165110
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4122:	53	11	42	1	52	11	41	0	1337.9697800	1337.9697247
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4129: 60	11 49	1 59	11 48	0 1339.7361000 1339.7364858
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4130: 61	11 50	1 60	11 49	0 1339.9881800 1339.9880465
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4132: 63	11 52	1 62	11 51	0 1340.4903400 1340.4905306
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4133: 64	11 53	1 63	11 52	0 1340.7413200 1340.7414515
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4136: 68	11 57	1 67	11 56	0 1341.7430100 1341.7429662
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4140: 82	11 71	1 81	11 70	0 1345.2203300 1345.2199543
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4143: 86	11 75	1 85	11 74	0 1346.2050200 1346.2049642
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4144: 87	11 76	1 86	11 75	0 1346.4508200 1346.4506129
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4153: 80	11 70	1 81	11 71	0 1302.7364300 1302.7362706
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4154: 79	11 69	1 80	11 70	0 1303.0046000 1303.0046376
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4155: 78	11 68	1 79	11 69	0 1303.2730700 1303.2729999
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4156: 77	11 67	1 78	11 68	0 1303.5412500 1303.5413558
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4157: 76	11 66	1 77	11 67	0 1303.8095700 1303.8097030
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4163:	69	11	59	1	70	11	60	0	1305.6879500	1305.6877264
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4164:	67	11	57	1	68	11	58	0	1306.2241100	1306.2241140
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4165:	66	11	56	1	67	11	57	0	1306.4920500	1306.4922662
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4166:	65	11	55	1	66	11	56	0	1306.7606800	1306.7603882
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4167:	64	11	54	1	65	11	55	0	1307.0285200	1307.0284778
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4168:	63	11	53	1	64	11	54	0	1307.2962700	1307.2965334
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4169:	62	11	52	1	63	11	53	0	1307.5646300	1307.5645528
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4171:	60	11	50	1	61	11	51	0	1308.1004200	1308.1004757
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4173:	58	11	48	1	59	11	49	0	1308.6361500	1308.6362313
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4176:	55	11	45	1	56	11	46	0	1309.4394800	1309.4395181
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4177:	54	11	44	1	55	11	45	0	1309.7071700	1309.7071805
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4178:	53	11	43	1	54	11	44	0	1309.9748800	1309.9747898
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4179:	52	11	42	1	53	11	43	0	1310.2423600	1310.2423441
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4181:	50	11	40	1	51	11	41	0	1310.7773400	1310.7772809
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4182:	49	11	39	1	50	11	40	0	1311.0445500	1311.0446596
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4183:	48	11	38	1	49	11	39	0	1311.3121200	1311.3119761
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4184:	47	11	37	1	48	11	38	0	1311.5791000	1311.5792286
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4185:	46	11	36	1	47	11	37	0	1311.8464200	1311.8464154
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4186:	45	11	35	1	46	11	36	0	1312.1134700	1312.1135346
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4187:	44	11	34	1	45	11	35	0	1312.3806000	1312.3805845
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4188:	43	11	33	1	44	11	34	0	1312.6474200	1312.6475633
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4189:	42	11	32	1	43	11	33	0	1312.9146100	1312.9144692
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4190:	41	11	31	1	42	11	32	0	1313.1812500	1313.1813006

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4195: 36	11 26 1 37 11 27 0		1314.5141800	1314.5142787
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4196: 35	11 25 1 36 11 26 0		1314.7804700	1314.7806267
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4197: 34	11 24 1 35 11 25 0		1315.0468000	1315.0468882
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4206: 25	11 15 1 26 11 16 0		1317.4387600	1317.4390802
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4207: 24	11 14 1 25 11 15 0		1317.7041400	1317.7043875
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4210: 21	11 11 1 22 11 12 0		1318.4997900	1318.4996787
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4211: 20	11 10 1 21 11 11 0		1318.7643300	1318.7645604
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4212: 19	11 9 1 20 11 10 0		1319.0292600	1319.0293319
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4213: 18	11 8 1 19 11 9 0		1319.2941900	1319.2939917
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4214: 17	11 7 1 18 11 8 0		1319.5587600	1319.5585383
0.0002217	-0.0003000	0.0000000		
4215: 16	11 6 1 17 11 7 0		1319.8231600	1319.8229702
0.0001898	-0.0003000	0.0000000		
4216: 15	11 5 1 16 11 6 0		1320.0870100	1320.0872860
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4217: 14	11 4 1 15 11 5 0		1320.3513100	1320.3514843
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4218: 13	11 3 1 14 11 4 0		1320.6156100	1320.6155635
0.0000465	-0.0003000	0.0000000		
4219: 12	11 2 1 13 11 3 0		1320.8794100	1320.8795223
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4220: 11	11 1 1 12 11 2 0		1321.1436300	1321.1433592
0.0002708	-0.0003000	0.0000000		
4221: 12	11 2 1 11 11 1 0		1327.4358900	1327.4353561
0.0005339	-0.0003000	0.0000000		
4222: 13	11 3 1 12 11 2 0		1327.6959000	1327.6957115
0.0001885	-0.0003000	0.0000000		

4223:	14	11	4	1	13	11	3	0	1327.9558800	1327.9559113
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4225:	16	11	6	1	15	11	5	0	1328.4758100	1328.4758389
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4226:	17	11	7	1	16	11	6	0	1328.7358400	1328.7355644
0.0002756	-0.0003000	0.0000000								
4227:	18	11	8	1	17	11	7	0	1328.9950400	1328.9951293
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4228:	19	11	9	1	18	11	8	0	1329.2544000	1329.2545326
-0.0001326	-0.0003000	0.0000000								
4229:	20	11	10	1	19	11	9	0	1329.5137200	1329.5137730
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4230:	21	11	11	1	20	11	10	0	1329.7727800	1329.7728494
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4231:	22	11	12	1	21	11	11	0	1330.0315700	1330.0317606
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4232:	23	11	13	1	22	11	12	0	1330.2902800	1330.2905054
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4233:	24	11	14	1	23	11	13	0	1330.5490600	1330.5490826
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4234:	25	11	15	1	24	11	14	0	1330.8076800	1330.8074911
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4235:	26	11	16	1	25	11	15	0	1331.0657900	1331.0657297
0.0000603	-0.0003000	0.0000000								
4236:	27	11	17	1	26	11	16	0	1331.3238300	1331.3237973
0.0000327	-0.0003000	0.0000000								
4237:	28	11	18	1	27	11	17	0	1331.5817600	1331.5816926
0.0000674	-0.0003000	0.0000000								
4238:	29	11	19	1	28	11	18	0	1331.8394700	1331.8394146
0.0000554	-0.0003000	0.0000000								
4239:	30	11	20	1	29	11	19	0	1332.0970800	1332.0969621
0.0001179	-0.0003000	0.0000000								
4240:	31	11	21	1	30	11	20	0	1332.3543500	1332.3543338
0.0000162	-0.0003000	0.0000000								
4241:	32	11	22	1	31	11	21	0	1332.6115900	1332.6115288
0.0000612	-0.0003000	0.0000000								
4242:	33	11	23	1	32	11	22	0	1332.8685800	1332.8685457
0.0000343	-0.0003000	0.0000000								
4243:	34	11	24	1	33	11	23	0	1333.1257000	1333.1253835
0.0003165	-0.0003000	0.0000000								
4244:	35	11	25	1	34	11	24	0	1333.3822800	1333.3820410
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4245:	36	11	26	1	35	11	25	0	1333.6384100	1333.6385170
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4246:	37	11	27	1	36	11	26	0	1333.8945800	1333.8948105
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4247:	41	11	31	1	40	11	30	0	1334.9180100	1334.9181350
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4248:	42	11	32	1	41	11	31	0	1335.1735200	1335.1734981
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4249:	43	11	33	1	42	11	32	0	1335.4286300	1335.4286716
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4250:	48	11	38	1	47	11	37	0	1336.7017700	1336.7016551
0.0001149	-0.0003000	0.0000000								
4251:	49	11	39	1	48	11	38	0	1336.9555300	1336.9556668
-0.0001368	-0.0003000	0.0000000								
4252:	50	11	40	1	49	11	39	0	1337.2095300	1337.2094808
0.0000492	-0.0003000	0.0000000								
4253:	51	11	41	1	50	11	40	0	1337.4634100	1337.4630959
0.0003141	-0.0003000	0.0000000								
4254:	52	11	42	1	51	11	41	0	1337.7165900	1337.7165110
0.0000790	-0.0003000	0.0000000								
4255:	53	11	43	1	52	11	42	0	1337.9697800	1337.9697247

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4256:	54	11	44	1 53 11 43 0
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4257:	55	11	45	1 54 11 44 0
0.0000063	-0.0003000	0.0000000	1338.4755500	1338.4755437
4258:	56	11	46	1 55 11 45 0
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4259:	57	11	47	1 56 11 46 0
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4260:	58	11	48	1 57 11 47 0
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4261:	59	11	49	1 58 11 48 0
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4262:	60	11	50	1 59 11 49 0
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4263:	61	11	51	1 60 11 50 0
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4264:	62	11	52	1 61 11 51 0
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4265:	63	11	53	1 62 11 52 0
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4266:	64	11	54	1 63 11 53 0
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4267:	65	11	55	1 64 11 54 0
0.0001232	-0.0003000	0.0000000	1340.9922800	1340.9921568
4268:	66	11	56	1 65 11 55 0
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4269:	68	11	58	1 67 11 57 0
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4270:	69	11	59	1 68 11 58 0
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4271:	70	11	60	1 69 11 59 0
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4272:	71	11	61	1 70 11 60 0
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4273:	82	11	72	1 81 11 71 0
0.0003770	-0.0003000	0.0000000	1345.2203300	1345.2199530
4274:	83	11	73	1 82 11 72 0
0.0001951	-0.0003000	0.0000000	1345.4667600	1345.4665649
4275:	85	11	75	1 84 11 74 0
-0.0001100	-0.0003000	0.0000000	1345.9589600	1345.9590700
4276:	86	11	76	1 85 11 75 0
0.0000594	-0.0003000	0.0000000	1346.2050200	1346.2049606
4277:	87	11	77	1 86 11 76 0
0.0002116	-0.0003000	0.0000000	1346.4508200	1346.4506084
4278:	88	11	78	1 87 11 77 0
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4279:	89	11	79	1 88 11 78 0
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4280:	89	12	77	1 90 12 78 0
0.0001033	-0.0003000	0.0000000	1300.0850300	1300.0849267
4281:	88	12	76	1 89 12 77 0
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4282:	87	12	75	1 88 12 76 0
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4283:	76	12	64	1 77 12 65 0
-0.0001035	-0.0003000	0.0000000	1303.5715700	1303.5716735
4284:	75	12	63	1 76 12 64 0
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4285:	74	12	62	1 75 12 63 0
0.0001188	-0.0003000	0.0000000	1304.1081900	1304.1080712
4286:	73	12	61	1 74 12 62 0
-0.0001920	-0.0003000	0.0000000	1304.3760600	1304.3762520
4287:	72	12	60	1 73 12 61 0
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4288:	71	12	59	1	72	12	60	0	1304.9124900	1304.9125683
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4289:	70	12	58	1	71	12	59	0	1305.1805400	1305.1806999
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4290:	69	12	57	1	70	12	58	0	1305.4491700	1305.4488113
0.0003587	-0.0003000	0.0000000								
4291:	67	12	55	1	68	12	56	0	1305.9851800	1305.9849658
0.0002142	-0.0003000	0.0000000								
4292:	66	12	54	1	67	12	55	0	1306.2528900	1306.2530051
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4293:	64	12	52	1	65	12	53	0	1306.7893800	1306.7889985
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4294:	63	12	51	1	64	12	52	0	1307.0571300	1307.0569488
0.0001812	-0.0003000	0.0000000								
4295:	62	12	50	1	63	12	51	0	1307.3249600	1307.3248656
0.0000944	-0.0003000	0.0000000								
4296:	61	12	49	1	62	12	50	0	1307.5925500	1307.5927472
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4297:	60	12	48	1	61	12	49	0	1307.8606000	1307.8605916
0.0000084	-0.0003000	0.0000000								
4298:	59	12	47	1	60	12	48	0	1308.1284200	1308.1283970
0.0000230	-0.0003000	0.0000000								
4299:	58	12	46	1	59	12	47	0	1308.3960300	1308.3961615
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4300:	57	12	45	1	58	12	46	0	1308.6635300	1308.6638834
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4301:	56	12	44	1	57	12	45	0	1308.9312900	1308.9315606
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4302:	55	12	43	1	56	12	44	0	1309.1990200	1309.1991915
-0.0001715	-0.0003000	0.0000000								
4303:	54	12	42	1	55	12	43	0	1309.4669800	1309.4667742
0.0002058	-0.0003000	0.0000000								
4304:	53	12	41	1	54	12	42	0	1309.7341800	1309.7343069
-0.0001269	-0.0003000	0.0000000								
4305:	52	12	40	1	53	12	41	0	1310.0017700	1310.0017877
-0.0000177	-0.0003000	0.0000000								
4306:	51	12	39	1	52	12	40	0	1310.2690900	1310.2692148
-0.0001248	-0.0003000	0.0000000								
4307:	50	12	38	1	51	12	39	0	1310.5364700	1310.5365865
-0.0001165	-0.0003000	0.0000000								
4308:	49	12	37	1	50	12	38	0	1310.8037500	1310.8039009
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4309:	48	12	36	1	49	12	37	0	1311.0712900	1311.0711563
0.0001337	-0.0003000	0.0000000								
4310:	47	12	35	1	48	12	36	0	1311.3383300	1311.3383509
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4311:	46	12	34	1	47	12	35	0	1311.6054000	1311.6054829
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4312:	45	12	33	1	46	12	34	0	1311.8725000	1311.8725505
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4313:	44	12	32	1	45	12	33	0	1312.1396000	1312.1395519
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4314:	43	12	31	1	44	12	32	0	1312.4064700	1312.4064855
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4315:	42	12	30	1	43	12	31	0	1312.6730800	1312.6733494
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4316:	41	12	29	1	42	12	30	0	1312.9400700	1312.9401419
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4317:	40	12	28	1	41	12	29	0	1313.2067900	1313.2068613
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4318:	39	12	27	1	40	12	28	0	1313.4733600	1313.4735059
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4319:	38	12	26	1	39	12	27	0	1313.7398500	1313.7400739
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4320:	37	12	25	1	38	12	26	0	1314.0064300	1314.0065636

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4321:	36	12	24	1 37 12 25 0
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4322:	34	12	22	1 35 12 23 0
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4323:	33	12	21	1 34 12 22 0
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4324:	32	12	20	1 33 12 21 0
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4325:	31	12	19	1 32 12 20 0
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4326:	30	12	18	1 31 12 19 0
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4327:	28	12	16	1 29 12 17 0
1316.4012300				1316.4011704
0.0000596	-0.0003000	0.0000000		
4328:	26	12	14	1 27 12 15 0
1316.9323800				1316.9323030
0.0000770	-0.0003000	0.0000000		
4329:	25	12	13	1 26 12 14 0
1317.1974100				1317.1977227
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4330:	24	12	12	1 25 12 13 0
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0.0001673	-0.0003000	0.0000000		
4331:	23	12	11	1 24 12 12 0
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4332:	22	12	10	1 23 12 11 0
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4333:	21	12	9	1 22 12 10 0
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4334:	20	12	8	1 21 12 9 0
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4335:	19	12	7	1 20 12 8 0
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0.0001306	-0.0003000	0.0000000		
4336:	18	12	6	1 19 12 7 0
1319.0529500				1319.0527771
0.0001729	-0.0003000	0.0000000		
4337:	17	12	5	1 18 12 6 0
1319.3177500				1319.3173540
0.0003960	-0.0003000	0.0000000		
4338:	16	12	4	1 17 12 5 0
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4339:	15	12	3	1 16 12 4 0
1319.8463000				1319.8461689
0.0001311	-0.0003000	0.0000000		
4340:	14	12	2	1 15 12 3 0
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4341:	13	12	1	1 14 12 2 0
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4342:	12	12	0	1 13 12 1 0
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4343:	13	12	1	1 12 12 0 0
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4344:	14	12	2	1 13 12 1 0
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4345:	15	12	3	1 14 12 2 0
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4346:	16	12	4	1 15 12 3 0
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4347:	17	12	5	1 16 12 4 0
1328.4958100				1328.4961419
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4348:	18	12	6	1 17 12 5 0
1328.7558000				1328.7557500
0.0000500	-0.0003000	0.0000000		
4349:	19	12	7	1 18 12 6 0
1329.0151700				1329.0151942
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4350:	20	12	8	1 19 12 7 0
1329.2743900				1329.2744732
-0.0000832	-0.0003000	0.0000000		
4351:	21	12	9	1 20 12 8 0
1329.5336400				1329.5335855
0.0000545	-0.0003000	0.0000000		
4352:	22	12	10	1 21 12 9 0
1329.7925800				1329.7925300
0.0000500	-0.0003000	0.0000000		

4353:	23	12	11	1	22	12	10	0	1330.0514400	1330.0513052
	0.0001348	-0.0003000	0.0000000							
4354:	24	12	12	1	23	12	11	0	1330.3098900	1330.3099097
	-0.0000197	-0.0003000	0.0000000							
4355:	25	12	13	1	24	12	12	0	1330.5684400	1330.5683424
	0.0000976	-0.0003000	0.0000000							
4356:	26	12	14	1	25	12	13	0	1330.8267200	1330.8266017
	0.0001183	-0.0003000	0.0000000							
4357:	27	12	15	1	26	12	14	0	1331.0843900	1331.0846863
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4358:	28	12	16	1	27	12	15	0	1331.3424900	1331.3425950
	-0.0001050	-0.0003000	0.0000000							
4359:	29	12	17	1	28	12	16	0	1331.6002200	1331.6003264
	-0.0001064	-0.0003000	0.0000000							
4360:	30	12	18	1	29	12	17	0	1331.8577200	1331.8578791
	-0.0001591	-0.0003000	0.0000000							
4361:	31	12	19	1	30	12	18	0	1332.1150700	1332.1152518
	-0.0001818	-0.0003000	0.0000000							
4362:	32	12	20	1	31	12	19	0	1332.3722100	1332.3724431
	-0.0002331	-0.0003000	0.0000000							
4363:	33	12	21	1	32	12	20	0	1332.6293200	1332.6294517
	-0.0001317	-0.0003000	0.0000000							
4364:	34	12	22	1	33	12	21	0	1332.8859000	1332.8862763
	-0.0003763	-0.0003000	0.0000000							
4365:	35	12	23	1	34	12	22	0	1333.1428400	1333.1429155
	-0.0000755	-0.0003000	0.0000000							
4366:	36	12	24	1	35	12	23	0	1333.3989200	1333.3993680
	-0.0004480	-0.0003000	0.0000000							
4367:	38	12	26	1	37	12	25	0	1333.9114400	1333.9117074
	-0.0002674	-0.0003000	0.0000000							
4368:	39	12	27	1	38	12	26	0	1334.1674800	1334.1675915
	-0.0001115	-0.0003000	0.0000000							
4369:	40	12	28	1	39	12	27	0	1334.4234200	1334.4232835
	0.0001365	-0.0003000	0.0000000							
4370:	41	12	29	1	40	12	28	0	1334.6787700	1334.6787821
	-0.0000121	-0.0003000	0.0000000							
4371:	42	12	30	1	41	12	29	0	1334.9341700	1334.9340857
	0.0000843	-0.0003000	0.0000000							
4372:	43	12	31	1	42	12	30	0	1335.1891900	1335.1891931
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4373:	46	12	34	1	45	12	33	0	1335.9535800	1335.9533242
	0.0002558	-0.0003000	0.0000000							
4374:	47	12	35	1	46	12	34	0	1336.2076100	1336.2076330
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4375:	48	12	36	1	47	12	35	0	1336.4619100	1336.4617386
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4376:	49	12	37	1	48	12	36	0	1336.7156300	1336.7156398
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4377:	50	12	38	1	49	12	37	0	1336.9694100	1336.9693350
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4378:	51	12	39	1	50	12	38	0	1337.2228400	1337.2228230
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4379:	55	12	43	1	54	12	42	0	1338.2349300	1338.2346737
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4380:	56	12	44	1	55	12	43	0	1338.4871200	1338.4871040
	0.0000160	-0.0003000	0.0000000							
4381:	57	12	45	1	56	12	44	0	1338.7393200	1338.7393186
	0.0000014	-0.0003000	0.0000000							
4382:	58	12	46	1	57	12	45	0	1338.9914200	1338.9913159
	0.0001041	-0.0003000	0.0000000							
4383:	59	12	47	1	58	12	46	0	1339.2430400	1339.2430946
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4387: 63	12 51	1 62 12 50	0	1340.2481000 1340.2479938
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4388: 64	12 52	1 63 12 51	0	1340.4988200 1340.4986573
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4389: 65	12 53	1 64 12 52	0	1340.7491800 1340.7490935
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4390: 66	12 54	1 65 12 53	0	1340.9995200 1340.9993007
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4391: 67	12 55	1 66 12 54	0	1341.2493500 1341.2492775
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4392: 70	12 58	1 69 12 57	0	1341.9978800 1341.9978105
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4393: 71	12 59	1 70 12 58	0	1342.2469300 1342.2468507
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4395: 83	12 71	1 82 12 70	0	1345.2167300 1345.2163283
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4396: 84	12 72	1 83 12 71	0	1345.4622300 1345.4621535
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4397: 85	12 73	1 84 12 72	0	1345.7078600 1345.7077202
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4400: 87	12 76	1 88 12 77	0	1300.6213700 1300.6212752
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4401: 76	12 65	1 77 12 66	0	1303.5715700 1303.5716735
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4402: 75	12 64	1 76 12 65	0	1303.8398400 1303.8398777
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4403: 74	12 63	1 75 12 64	0	1304.1081900 1304.1080712
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4405: 72	12 61	1 73 12 62	0	1304.6442100 1304.6444184
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4411: 64	12 53	1 65 12 54	0	1306.7893800 1306.7889985
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4412: 63	12 52	1 64 12 53	0	1307.0571300 1307.0569488
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4413: 62	12 51	1 63 12 52	0	1307.3249600 1307.3248656
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4416: 59	12 48	1 60 12 49	0	1308.1284200 1308.1283970
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4417: 58	12 47	1 59 12 48	0	1308.3960300 1308.3961615
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4420:	55	12	44	1	56	12	45	0	1309.1990200	1309.1991915
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4421:	54	12	43	1	55	12	44	0	1309.4669800	1309.4667742
0.0002058	-0.0003000	0.0000000								
4422:	53	12	42	1	54	12	43	0	1309.7341800	1309.7343069
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4423:	52	12	41	1	53	12	42	0	1310.0017700	1310.0017877
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4424:	51	12	40	1	52	12	41	0	1310.2690900	1310.2692148
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4425:	50	12	39	1	51	12	40	0	1310.5364700	1310.5365865
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4426:	49	12	38	1	50	12	39	0	1310.8037500	1310.8039009
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4427:	48	12	37	1	49	12	38	0	1311.0712900	1311.0711563
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4428:	47	12	36	1	48	12	37	0	1311.3383300	1311.3383509
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4429:	46	12	35	1	47	12	36	0	1311.6054000	1311.6054829
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4430:	45	12	34	1	46	12	35	0	1311.8725000	1311.8725505
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4431:	44	12	33	1	45	12	34	0	1312.1396000	1312.1395519
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4432:	43	12	32	1	44	12	33	0	1312.4064700	1312.4064855
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4433:	42	12	31	1	43	12	32	0	1312.6730800	1312.6733494
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4434:	41	12	30	1	42	12	31	0	1312.9400700	1312.9401419
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4435:	40	12	29	1	41	12	30	0	1313.2067900	1313.2068613
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4436:	39	12	28	1	40	12	29	0	1313.4733600	1313.4735059
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4437:	38	12	27	1	39	12	28	0	1313.7398500	1313.7400739
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4438:	37	12	26	1	38	12	27	0	1314.0064300	1314.0065636
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4439:	36	12	25	1	37	12	26	0	1314.2726900	1314.2729734
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4440:	34	12	23	1	35	12	24	0	1314.8056900	1314.8055462
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4441:	33	12	22	1	34	12	23	0	1315.0716100	1315.0717059
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4442:	32	12	21	1	33	12	22	0	1315.3372500	1315.3377789
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4443:	31	12	20	1	32	12	21	0	1315.6036400	1315.6037635
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4444:	30	12	19	1	31	12	20	0	1315.8699500	1315.8696580
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4445:	28	12	17	1	29	12	18	0	1316.4012300	1316.4011704
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4446:	26	12	15	1	27	12	16	0	1316.9323800	1316.9323030
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4447:	25	12	14	1	26	12	15	0	1317.1974100	1317.1977227
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4448:	24	12	13	1	25	12	14	0	1317.4632100	1317.4630427
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4449:	23	12	12	1	24	12	13	0	1317.7282500	1317.7282612
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4450:	22	12	11	1	23	12	12	0	1317.9934100	1317.9933768

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4454:	18	12	7	1 19 12 8 0
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4455:	17	12	6	1 18 12 7 0
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4457:	15	12	4	1 16 12 5 0
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4468:	20	12	9	1 19 12 8 0
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4470:	22	12	11	1 21 12 10 0
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4471:	23	12	12	1 22 12 11 0
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4489:	42	12	31	1	41	12	30	0	1334.9341700	1334.9340857
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4490:	43	12	32	1	42	12	31	0	1335.1891900	1335.1891931
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4491:	46	12	35	1	45	12	34	0	1335.9535800	1335.9533242
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4492:	47	12	36	1	46	12	35	0	1336.2076100	1336.2076330
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4493:	48	12	37	1	47	12	36	0	1336.4619100	1336.4617386
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4494:	49	12	38	1	48	12	37	0	1336.7156300	1336.7156398
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4495:	50	12	39	1	49	12	38	0	1336.9694100	1336.9693350
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4496:	51	12	40	1	50	12	39	0	1337.2228400	1337.2228230
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4497:	55	12	44	1	54	12	43	0	1338.2349300	1338.2346737
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4498:	56	12	45	1	55	12	44	0	1338.4871200	1338.4871040
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4499:	57	12	46	1	56	12	45	0	1338.7393200	1338.7393186
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4500:	58	12	47	1	57	12	46	0	1338.9914200	1338.9913159
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4501:	59	12	48	1	58	12	47	0	1339.2430400	1339.2430946
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4503:	61	12	50	1	60	12	49	0	1339.7457100	1339.7459902
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4504:	62	12	51	1	61	12	50	0	1339.9973700	1339.9971042
0.0002658	-0.0003000	0.0000000								
4505:	63	12	52	1	62	12	51	0	1340.2481000	1340.2479938
0.0001062	-0.0003000	0.0000000								
4506:	64	12	53	1	63	12	52	0	1340.4988200	1340.4986573
0.0001627	-0.0003000	0.0000000								
4507:	65	12	54	1	64	12	53	0	1340.7491800	1340.7490935
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4508:	66	12	55	1	65	12	54	0	1340.9995200	1340.9993007
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4509:	67	12	56	1	66	12	55	0	1341.2493500	1341.2492775
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4510:	70	12	59	1	69	12	58	0	1341.9978800	1341.9978105
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4511:	71	12	60	1	70	12	59	0	1342.2469300	1342.2468507
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4512:	72	12	61	1	71	12	60	0	1342.4959200	1342.4956529
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4513:	83	12	72	1	82	12	71	0	1345.2167300	1345.2163282
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4514:	84	12	73	1	83	12	72	0	1345.4622300	1345.4621534
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4535: 50	13 37 1 51	13 38 0	1310.2750000	1310.2749996
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4536: 49	13 36 1 50	13 37 0	1310.5422000	1310.5422747
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4537: 48	13 35 1 49	13 36 0	1310.8094000	1310.8094932
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4538: 47	13 34 1 48	13 35 0	1311.0766100	1311.0766535
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4539: 46	13 33 1 47	13 34 0	1311.3437000	1311.3437537
-0.0000537	-0.0003000	0.0000000		
4540: 45	13 32 1 46	13 33 0	1311.6107000	1311.6107921
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4541: 44	13 31 1 45	13 32 0	1311.8777100	1311.8777670
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4542: 43	13 30 1 44	13 31 0	1312.1447900	1312.1446766
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4543: 42	13 29 1 43	13 30 0	1312.4115000	1312.4115191
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4544: 41	13 28 1 42	13 29 0	1312.6783000	1312.6782928
0.0000072	-0.0003000	0.0000000		
4545: 40	13 27 1 41	13 28 0	1312.9448900	1312.9449960
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4546: 39	13 26 1 40	13 27 0	1313.2116900	1313.2116269
0.0000631	-0.0003000	0.0000000		
4547: 38	13 25 1 39	13 26 0	1313.4783300	1313.4781839
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4548:	37	13	24	1	38	13	25	0	1313.7447100	1313.7446652
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4549:	36	13	23	1	37	13	24	0	1314.0113700	1314.0110690
0.0003010	-0.0003000	0.0000000								
4550:	35	13	22	1	36	13	23	0	1314.2774500	1314.2773937
0.0000563	-0.0003000	0.0000000								
4551:	34	13	21	1	35	13	22	0	1314.5435700	1314.5436377
-0.0000677	-0.0003000	0.0000000								
4552:	33	13	20	1	34	13	21	0	1314.8096600	1314.8097990
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4553:	32	13	19	1	33	13	20	0	1315.0758600	1315.0758762
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4554:	31	13	18	1	32	13	19	0	1315.3416300	1315.3418675
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4555:	30	13	17	1	31	13	18	0	1315.6078600	1315.6077712
0.0000888	-0.0003000	0.0000000								
4556:	29	13	16	1	30	13	17	0	1315.8736800	1315.8735856
0.0000944	-0.0003000	0.0000000								
4557:	28	13	15	1	29	13	16	0	1316.1391600	1316.1393091
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4558:	27	13	14	1	28	13	15	0	1316.4051700	1316.4049400
0.0002300	-0.0003000	0.0000000								
4559:	26	13	13	1	27	13	14	0	1316.6710300	1316.6704767
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4560:	25	13	12	1	26	13	13	0	1316.9362700	1316.9359174
0.0003526	-0.0003000	0.0000000								
4561:	24	13	11	1	25	13	12	0	1317.2013300	1317.2012606
0.0000694	-0.0003000	0.0000000								
4562:	23	13	10	1	24	13	11	0	1317.4664800	1317.4665046
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4563:	22	13	9	1	23	13	10	0	1317.7319100	1317.7316478
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4564:	21	13	8	1	22	13	9	0	1317.9972000	1317.9966885
0.0005115	-0.0003000	0.0000000								
4565:	20	13	7	1	21	13	8	0	1318.2619100	1318.2616252
0.0002848	-0.0003000	0.0000000								
4566:	18	13	5	1	19	13	6	0	1318.7915100	1318.7911797
0.0003303	-0.0003000	0.0000000								
4567:	14	13	1	1	13	13	0	0	1327.4565200	1327.4565781
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4568:	15	13	2	1	14	13	1	0	1327.7167700	1327.7167265
0.0000435	-0.0003000	0.0000000								
4569:	16	13	3	1	15	13	2	0	1327.9766500	1327.9767138
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4570:	18	13	5	1	17	13	4	0	1328.4959300	1328.4961996
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4571:	19	13	6	1	18	13	5	0	1328.7557300	1328.7556950
0.0000350	-0.0003000	0.0000000								
4572:	20	13	7	1	19	13	6	0	1329.0149700	1329.0150235
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4573:	21	13	8	1	20	13	7	0	1329.2741200	1329.2741836
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4574:	22	13	9	1	21	13	8	0	1329.5333000	1329.5331738
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4575:	23	13	10	1	22	13	9	0	1329.7919400	1329.7919926
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4576:	24	13	11	1	23	13	10	0	1330.0506700	1330.0506386
0.0000314	-0.0003000	0.0000000								
4577:	25	13	12	1	24	13	11	0	1330.3090900	1330.3091103
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4578:	27	13	14	1	26	13	13	0	1330.8257000	1330.8255248
0.0001752	-0.0003000	0.0000000								
4579:	28	13	15	1	27	13	14	0	1331.0835400	1331.0834646
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4580:	29	13	16	1	28	13	15	0	1331.3414600	1331.3412242

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4582: 31	13 18 1 30 13 17 0		1331.8562900	1331.8561967
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4583: 32	13 19 1 31 13 18 0		1332.1134000	1332.1134066
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4584: 33	13 20 1 32 13 19 0		1332.3707400	1332.3704303
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4585: 34	13 21 1 33 13 20 0		1332.6274300	1332.6272664
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4586: 35	13 22 1 34 13 21 0		1332.8843500	1332.8839133
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4587: 37	13 24 1 36 13 23 0		1333.3971200	1333.3966335
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4588: 38	13 25 1 37 13 24 0		1333.6528600	1333.6527039
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4589: 40	13 27 1 39 13 26 0		1334.1644200	1334.1642575
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4590: 41	13 28 1 40 13 27 0		1334.4196700	1334.4197378
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4591: 42	13 29 1 41 13 28 0		1334.6751000	1334.6750183
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4592: 43	13 30 1 42 13 29 0		1334.9301600	1334.9300976
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4593: 45	13 32 1 44 13 31 0		1335.4397900	1335.4396463
0.0001437	-0.0003000	0.0000000		
4594: 46	13 33 1 45 13 32 0		1335.6945300	1335.6941127
0.0004173	-0.0003000	0.0000000		
4595: 47	13 34 1 46 13 33 0		1335.9481600	1335.9483717
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4596: 48	13 35 1 47 13 34 0		1336.2025500	1336.2024217
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4597: 49	13 36 1 48 13 35 0		1336.4561300	1336.4562613
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4598: 50	13 37 1 49 13 36 0		1336.7101100	1336.7098889
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4599: 51	13 38 1 50 13 37 0		1336.9632200	1336.9633028
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4600: 52	13 39 1 51 13 38 0		1337.2167600	1337.2165016
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4601: 53	13 40 1 52 13 39 0		1337.4691200	1337.4694837
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4602: 54	13 41 1 53 13 40 0		1337.7221700	1337.7222474
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4603: 55	13 42 1 54 13 41 0		1337.9745600	1337.9747913
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4604: 56	13 43 1 55 13 42 0		1338.2272300	1338.2271136
0.0001164	-0.0003000	0.0000000		
4605: 57	13 44 1 56 13 43 0		1338.4794100	1338.4792128
0.0001972	-0.0003000	0.0000000		
4606: 58	13 45 1 57 13 44 0		1338.7313200	1338.7310874
0.0002326	-0.0003000	0.0000000		
4607: 59	13 46 1 58 13 45 0		1338.9823900	1338.9827356
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4610: 62	13 49 1 61 13 48 0		1339.7359100	1339.7363060
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4611: 64	13 51 1 63 13 50 0		1340.2375800	1340.2375247
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4612: 65	13 52 1 64 13 51 0		1340.4881000	1340.4877807
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4613: 66 13 53 1 65 13 52 0	1340.7375100	1340.7377988
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4614: 67 13 54 1 66 13 53 0	1340.9872200	1340.9875773
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4615: 68 13 55 1 67 13 54 0	1341.2372000	1341.2371147
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4616: 69 13 56 1 68 13 55 0	1341.4860800	1341.4864092
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4617: 70 13 57 1 69 13 56 0	1341.7356300	1341.7354591
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4618: 71 13 58 1 70 13 57 0	1341.9843600	1341.9842626
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4619: 72 13 59 1 71 13 58 0	1342.2331100	1342.2328181
0.0002919 -0.0003000 0.0000000		
4620: 73 13 60 1 72 13 59 0	1342.4813300	1342.4811238
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4621: 74 13 61 1 73 13 60 0	1342.7290400	1342.7291781
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4622: 75 13 62 1 74 13 61 0	1342.9774200	1342.9769790
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4623: 76 13 63 1 75 13 62 0	1343.2246100	1343.2245250
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4624: 77 13 64 1 76 13 63 0	1343.4717500	1343.4718141
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4625: 78 13 65 1 77 13 64 0	1343.7190000	1343.7188447
0.0001553 -0.0003000 0.0000000		
4626: 79 13 66 1 78 13 65 0	1343.9658300	1343.9656149
0.0002151 -0.0003000 0.0000000		
4627: 80 13 67 1 79 13 66 0	1344.2123500	1344.2121230
0.0002270 -0.0003000 0.0000000		
4628: 81 13 68 1 80 13 67 0	1344.4589900	1344.4583670
0.0006230 -0.0003000 0.0000000		
4629: 82 13 69 1 81 13 68 0	1344.7046200	1344.7043453
0.0002747 -0.0003000 0.0000000		
4630: 70 13 58 1 71 13 59 0	1304.9211300	1304.9203939
0.0007361 -0.0003000 0.0000000		
4631: 69 13 57 1 70 13 58 0	1305.1888600	1305.1884213
0.0004387 -0.0003000 0.0000000		
4632: 68 13 56 1 69 13 57 0	1305.4566100	1305.4564283
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4633: 67 13 55 1 68 13 56 0	1305.7245000	1305.7244132
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4634: 65 13 53 1 66 13 54 0	1306.2603500	1306.2603093
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4635: 64 13 52 1 65 13 53 0	1306.5281200	1306.5282167
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4636: 63 13 51 1 64 13 52 0	1306.7959100	1306.7960947
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4637: 62 13 50 1 63 13 51 0	1307.0638200	1307.0639414
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4638: 61 13 49 1 62 13 50 0	1307.3316600	1307.3317550
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4639: 60 13 48 1 61 13 49 0	1307.5996300	1307.5995336
0.0000964 -0.0003000 0.0000000		
4640: 59 13 47 1 60 13 48 0	1307.8672800	1307.8672755
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4641: 58 13 46 1 59 13 47 0	1308.1347400	1308.1349787
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4642: 57 13 45 1 58 13 46 0	1308.4026500	1308.4026416
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4643: 56 13 44 1 57 13 45 0	1308.6700400	1308.6702623
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4644: 55 13 43 1 56 13 44 0	1308.9378400	1308.9378390
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4645: 54 13 42 1 55 13 43 0	1309.2050800	1309.2053699

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4647:	52	13	40	1 53 13 41 0
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4648:	51	13	39	1 52 13 40 0
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0.0001102	-0.0003000	0.0000000		
4649:	50	13	38	1 51 13 39 0
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4650:	49	13	37	1 50 13 38 0
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4651:	48	13	36	1 49 13 37 0
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4652:	47	13	35	1 48 13 36 0
1311.0766100				1311.0766535
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4653:	46	13	34	1 47 13 35 0
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4654:	45	13	33	1 46 13 34 0
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-0.0000921	-0.0003000	0.0000000		
4655:	44	13	32	1 45 13 33 0
1311.8777100				1311.8777670
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4656:	43	13	31	1 44 13 32 0
1312.1447900				1312.1446766
0.0001134	-0.0003000	0.0000000		
4657:	42	13	30	1 43 13 31 0
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-0.0000191	-0.0003000	0.0000000		
4658:	41	13	29	1 42 13 30 0
1312.6783000				1312.6782928
0.0000072	-0.0003000	0.0000000		
4659:	40	13	28	1 41 13 29 0
1312.9448900				1312.9449960
-0.0001060	-0.0003000	0.0000000		
4660:	39	13	27	1 40 13 28 0
1313.2116900				1313.2116269
0.0000631	-0.0003000	0.0000000		
4661:	38	13	26	1 39 13 27 0
1313.4783300				1313.4781839
0.0001461	-0.0003000	0.0000000		
4662:	37	13	25	1 38 13 26 0
1313.7447100				1313.7446652
0.0000448	-0.0003000	0.0000000		
4663:	36	13	24	1 37 13 25 0
1314.0113700				1314.0110690
0.0003010	-0.0003000	0.0000000		
4664:	35	13	23	1 36 13 24 0
1314.2774500				1314.2773937
0.0000563	-0.0003000	0.0000000		
4665:	34	13	22	1 35 13 23 0
1314.5435700				1314.5436377
-0.0000677	-0.0003000	0.0000000		
4666:	33	13	21	1 34 13 22 0
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4667:	32	13	20	1 33 13 21 0
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-0.0000162	-0.0003000	0.0000000		
4668:	31	13	19	1 32 13 20 0
1315.3416300				1315.3418675
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4669:	30	13	18	1 31 13 19 0
1315.6078600				1315.6077712
0.0000888	-0.0003000	0.0000000		
4670:	29	13	17	1 30 13 18 0
1315.8736800				1315.8735856
0.0000944	-0.0003000	0.0000000		
4671:	28	13	16	1 29 13 17 0
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4672:	27	13	15	1 28 13 16 0
1316.4051700				1316.4049400
0.0002300	-0.0003000	0.0000000		
4673:	26	13	14	1 27 13 15 0
1316.6710300				1316.6704767
0.0005533	-0.0003000	0.0000000		
4674:	25	13	13	1 26 13 14 0
1316.9362700				1316.9359174
0.0003526	-0.0003000	0.0000000		
4675:	24	13	12	1 25 13 13 0
1317.2013300				1317.2012606
0.0000694	-0.0003000	0.0000000		
4676:	23	13	11	1 24 13 12 0
1317.4664800				1317.4665046
-0.0000246	-0.0003000	0.0000000		
4677:	22	13	10	1 23 13 11 0
1317.7319100				1317.7316478
0.0002622	-0.0003000	0.0000000		

4678:	21	13	9	1	22	13	10	0	1317.9972000	1317.9966885
	0.0005115	-0.0003000	0.0000000							
4679:	20	13	8	1	21	13	9	0	1318.2619100	1318.2616252
	0.0002848	-0.0003000	0.0000000							
4680:	18	13	6	1	19	13	7	0	1318.7915100	1318.7911797
	0.0003303	-0.0003000	0.0000000							
4681:	14	13	2	1	13	13	1	0	1327.4565200	1327.4565781
	-0.0000581	-0.0003000	0.0000000							
4682:	15	13	3	1	14	13	2	0	1327.7167700	1327.7167265
	0.0000435	-0.0003000	0.0000000							
4683:	16	13	4	1	15	13	3	0	1327.9766500	1327.9767138
	-0.0000638	-0.0003000	0.0000000							
4684:	18	13	6	1	17	13	5	0	1328.4959300	1328.4961996
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4685:	19	13	7	1	18	13	6	0	1328.7557300	1328.7556950
	0.0000350	-0.0003000	0.0000000							
4686:	20	13	8	1	19	13	7	0	1329.0149700	1329.0150235
	-0.0000535	-0.0003000	0.0000000							
4687:	21	13	9	1	20	13	8	0	1329.2741200	1329.2741836
	-0.0000636	-0.0003000	0.0000000							
4688:	22	13	10	1	21	13	9	0	1329.5333000	1329.5331738
	0.0001262	-0.0003000	0.0000000							
4689:	23	13	11	1	22	13	10	0	1329.7919400	1329.7919926
	-0.0000526	-0.0003000	0.0000000							
4690:	24	13	12	1	23	13	11	0	1330.0506700	1330.0506386
	0.0000314	-0.0003000	0.0000000							
4691:	25	13	13	1	24	13	12	0	1330.3090900	1330.3091103
	-0.0000203	-0.0003000	0.0000000							
4692:	27	13	15	1	26	13	14	0	1330.8257000	1330.8255248
	0.0001752	-0.0003000	0.0000000							
4693:	28	13	16	1	27	13	15	0	1331.0835400	1331.0834646
	0.0000754	-0.0003000	0.0000000							
4694:	29	13	17	1	28	13	16	0	1331.3414600	1331.3412242
	0.0002358	-0.0003000	0.0000000							
4695:	30	13	18	1	29	13	17	0	1331.5990900	1331.5988020
	0.0002880	-0.0003000	0.0000000							
4696:	31	13	19	1	30	13	18	0	1331.8562900	1331.8561967
	0.0000933	-0.0003000	0.0000000							
4697:	32	13	20	1	31	13	19	0	1332.1134000	1332.1134066
	-0.0000066	-0.0003000	0.0000000							
4698:	33	13	21	1	32	13	20	0	1332.3707400	1332.3704303
	0.0003097	-0.0003000	0.0000000							
4699:	34	13	22	1	33	13	21	0	1332.6274300	1332.6272664
	0.0001636	-0.0003000	0.0000000							
4700:	35	13	23	1	34	13	22	0	1332.8843500	1332.8839133
	0.0004367	-0.0003000	0.0000000							
4701:	37	13	25	1	36	13	24	0	1333.3971200	1333.3966335
	0.0004865	-0.0003000	0.0000000							
4702:	38	13	26	1	37	13	25	0	1333.6528600	1333.6527039
	0.0001561	-0.0003000	0.0000000							
4703:	40	13	28	1	39	13	27	0	1334.1644200	1334.1642575
	0.0001625	-0.0003000	0.0000000							
4704:	41	13	29	1	40	13	28	0	1334.4196700	1334.4197378
	-0.0000678	-0.0003000	0.0000000							
4705:	42	13	30	1	41	13	29	0	1334.6751000	1334.6750183
	0.0000817	-0.0003000	0.0000000							
4706:	43	13	31	1	42	13	30	0	1334.9301600	1334.9300976
	0.0000624	-0.0003000	0.0000000							
4707:	45	13	33	1	44	13	32	0	1335.4397900	1335.4396463
	0.0001437	-0.0003000	0.0000000							
4708:	46	13	34	1	45	13	33	0	1335.6945300	1335.6941127
	0.0004173	-0.0003000	0.0000000							
4709:	47	13	35	1	46	13	34	0	1335.9481600	1335.9483717
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4710:	48	13	36	1	47	13	35	0	1336.2025500	1336.2024217

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4711: 49	13 37	1 48	13 36	0	1336.4561300 1336.4562613
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4712: 50	13 38	1 49	13 37	0	1336.7101100 1336.7098889
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4713: 51	13 39	1 50	13 38	0	1336.9632200 1336.9633028
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4714: 52	13 40	1 51	13 39	0	1337.2167600 1337.2165016
0.0002584	-0.0003000	0.0000000			
4715: 53	13 41	1 52	13 40	0	1337.4691200 1337.4694837
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4716: 54	13 42	1 53	13 41	0	1337.7221700 1337.7222474
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4717: 55	13 43	1 54	13 42	0	1337.9745600 1337.9747913
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4718: 56	13 44	1 55	13 43	0	1338.2272300 1338.2271136
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4719: 57	13 45	1 56	13 44	0	1338.4794100 1338.4792128
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4720: 58	13 46	1 57	13 45	0	1338.7313200 1338.7310874
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4721: 59	13 47	1 58	13 46	0	1338.9823900 1338.9827356
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4722: 60	13 48	1 59	13 47	0	1339.2339300 1339.2341558
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4723: 61	13 49	1 60	13 48	0	1339.4850100 1339.4853465
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4724: 62	13 50	1 61	13 49	0	1339.7359100 1339.7363060
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4725: 64	13 52	1 63	13 51	0	1340.2375800 1340.2375247
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4726: 65	13 53	1 64	13 52	0	1340.4881000 1340.4877807
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4727: 66	13 54	1 65	13 53	0	1340.7375100 1340.7377988
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4728: 67	13 55	1 66	13 54	0	1340.9872200 1340.9875773
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4729: 68	13 56	1 67	13 55	0	1341.2372000 1341.2371147
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4730: 69	13 57	1 68	13 56	0	1341.4860800 1341.4864092
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4731: 70	13 58	1 69	13 57	0	1341.7356300 1341.7354591
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4732: 71	13 59	1 70	13 58	0	1341.9843600 1341.9842626
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4733: 72	13 60	1 71	13 59	0	1342.2331100 1342.2328181
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4734: 73	13 61	1 72	13 60	0	1342.4813300 1342.4811238
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4735: 74	13 62	1 73	13 61	0	1342.7290400 1342.7291781
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4736: 75	13 63	1 74	13 62	0	1342.9774200 1342.9769790
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4737: 76	13 64	1 75	13 63	0	1343.2246100 1343.2245250
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4738: 77	13 65	1 76	13 64	0	1343.4717500 1343.4718141
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4739: 78	13 66	1 77	13 65	0	1343.7190000 1343.7188447
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4740: 79	13 67	1 78	13 66	0	1343.9658300 1343.9656149
0.0002151	-0.0003000	0.0000000			
4741: 80	13 68	1 79	13 67	0	1344.2123500 1344.2121230
0.0002270	-0.0003000	0.0000000			
4742: 81	13 69	1 80	13 68	0	1344.4589900 1344.4583670
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4743:	82	13	70	1	81	13	69	0	1344.7046200	1344.7043453
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4744:	81	14	67	1	82	14	68	0	1301.6911100	1301.6906466
0.0004634	-0.0003000	0.0000000								
4745:	80	14	66	1	81	14	67	0	1301.9584200	1301.9587033
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4746:	79	14	65	1	80	14	66	0	1302.2270400	1302.2267610
0.0002790	-0.0003000	0.0000000								
4747:	78	14	64	1	79	14	65	0	1302.4952000	1302.4948179
0.0003821	-0.0003000	0.0000000								
4748:	77	14	63	1	78	14	64	0	1302.7625200	1302.7628722
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4749:	76	14	62	1	77	14	63	0	1303.0304900	1303.0309222
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4750:	75	14	61	1	76	14	62	0	1303.2991000	1303.2989659
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4751:	74	14	60	1	75	14	61	0	1303.5669000	1303.5670017
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4752:	73	14	59	1	74	14	60	0	1303.8351300	1303.8350277
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4753:	72	14	58	1	73	14	59	0	1304.1028800	1304.1030421
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4754:	71	14	57	1	72	14	58	0	1304.3710000	1304.3710432
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4755:	70	14	56	1	71	14	57	0	1304.6392900	1304.6390291
0.0002609	-0.0003000	0.0000000								
4756:	69	14	55	1	70	14	56	0	1304.9074600	1304.9069980
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4757:	68	14	54	1	69	14	55	0	1305.1753100	1305.1749481
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4758:	67	14	53	1	68	14	54	0	1305.4431100	1305.4428777
0.0002323	-0.0003000	0.0000000								
4759:	66	14	52	1	67	14	53	0	1305.7106900	1305.7107849
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4760:	65	14	51	1	66	14	52	0	1305.9785400	1305.9786679
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4761:	64	14	50	1	65	14	51	0	1306.2462300	1306.2465251
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4762:	63	14	49	1	64	14	50	0	1306.5140500	1306.5143544
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4763:	62	14	48	1	63	14	49	0	1306.7816800	1306.7821543
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4764:	61	14	47	1	62	14	48	0	1307.0496500	1307.0499228
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4765:	60	14	46	1	61	14	47	0	1307.3171100	1307.3176582
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4766:	59	14	45	1	60	14	46	0	1307.5850400	1307.5853587
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4767:	58	14	44	1	59	14	45	0	1307.8530000	1307.8530226
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4768:	57	14	43	1	58	14	44	0	1308.1205700	1308.1206480
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4769:	56	14	42	1	57	14	43	0	1308.3881600	1308.3882331
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4770:	55	14	41	1	56	14	42	0	1308.6557200	1308.6557763
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4772:	53	14	39	1	54	14	40	0	1309.1906500	1309.1907295
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4773:	52	14	38	1	53	14	39	0	1309.4584100	1309.4581359
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4775:	50	14	36	1	51	14	37	0	1309.9928700	1309.9927998

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4777: 48	14 34	1 49 14 35	0	1310.5272900	1310.5272532
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4778: 47	14 33	1 48 14 34	0	1310.7944900	1310.7943966
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4779: 46	14 32	1 47 14 33	0	1311.0613000	1311.0614821
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4780: 44	14 30	1 45 14 31	0	1311.5955500	1311.5954724
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4781: 43	14 29	1 44 14 30	0	1311.8624800	1311.8623737
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4782: 42	14 28	1 43 14 29	0	1312.1293500	1312.1292101
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4783: 41	14 27	1 42 14 28	0	1312.3962300	1312.3959799
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4784: 40	14 26	1 41 14 27	0	1312.6629700	1312.6626814
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4785: 38	14 24	1 39 14 25	0	1313.1961900	1313.1958723
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4786: 37	14 23	1 38 14 24	0	1313.4622200	1313.4623584
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4787: 35	14 21	1 36 14 22	0	1313.9953800	1313.9951030
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4788: 34	14 20	1 35 14 21	0	1314.2619300	1314.2613581
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4789: 33	14 19	1 34 14 20	0	1314.5278600	1314.5275328
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4790: 32	14 18	1 33 14 19	0	1314.7937500	1314.7936254
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4792: 30	14 16	1 31 14 17	0	1315.3259700	1315.3255575
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4793: 29	14 15	1 30 14 16	0	1315.5915300	1315.5913936
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4794: 28	14 14	1 29 14 15	0	1315.8573200	1315.8571408
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4795: 27	14 13	1 28 14 14	0	1316.1226400	1316.1227974
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4796: 26	14 12	1 27 14 13	0	1316.3882200	1316.3883618
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4812:	22	14	8	1	21	14	7	0	1329.2537700	1329.2538151
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4815:	25	14	11	1	24	14	10	0	1330.0301200	1330.0299100
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4816:	26	14	12	1	25	14	11	0	1330.2884800	1330.2882552
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4817:	27	14	13	1	26	14	12	0	1330.5464700	1330.5464211
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4820:	30	14	16	1	29	14	15	0	1331.3198600	1331.3198276
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4821:	31	14	17	1	30	14	16	0	1331.5773200	1331.5772608
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4825:	35	14	21	1	34	14	20	0	1332.6046200	1332.6051051
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4826:	36	14	22	1	35	14	21	0	1332.8616200	1332.8615861
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4828:	38	14	24	1	37	14	23	0	1333.3737000	1333.3739607
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4830:	43	14	29	1	42	14	28	0	1334.6513800	1334.6513948
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4831:	44	14	30	1	43	14	29	0	1334.9063500	1334.9062681
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4834:	47	14	33	1	46	14	32	0	1335.6695800	1335.6696313
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4835:	48	14	34	1	47	14	33	0	1335.9239500	1335.9236612
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4837:	50	14	36	1	49	14	35	0	1336.4311400	1336.4310742
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4843: 56	14 42	1 55 14 41	0	1337.9478000 1337.9480171
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4865: 78	14 64	1 77 14 63	0	1343.4371200 1343.4367736
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4866: 79	14 65	1 78 14 64	0	1343.6840200 1343.6833207
0.0006993	-0.0003000	0.0000000		
4867: 80	14 66	1 79 14 65	0	1343.9299500 1343.9295969
0.0003531	-0.0003000	0.0000000		
4868: 82	14 68	1 81 14 67	0	1344.4214200 1344.4213284
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4869: 83	14 69	1 82 14 68	0	1344.6669500 1344.6667799
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4870: 85	14 71	1 84 14 70	0	1345.1567900 1345.1568441
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4871: 81	14 68	1 82 14 69	0	1301.6911100 1301.6906466
0.0004634	-0.0003000	0.0000000		
4872: 80	14 67	1 81 14 68	0	1301.9584200 1301.9587033
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4873: 79 14 66 1 80 14 67 0	1302.2270400	1302.2267610
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4874: 78 14 65 1 79 14 66 0	1302.4952000	1302.4948179
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4879: 73 14 60 1 74 14 61 0	1303.8351300	1303.8350277
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4880: 72 14 59 1 73 14 60 0	1304.1028800	1304.1030421
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4883: 69 14 56 1 70 14 57 0	1304.9074600	1304.9069980
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4884: 68 14 55 1 69 14 56 0	1305.1753100	1305.1749481
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4885: 67 14 54 1 68 14 55 0	1305.4431100	1305.4428777
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4891: 61 14 48 1 62 14 49 0	1307.0496500	1307.0499228
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4892: 60 14 47 1 61 14 48 0	1307.3171100	1307.3176582
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4893: 59 14 46 1 60 14 47 0	1307.5850400	1307.5853587
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4894: 58 14 45 1 59 14 46 0	1307.8530000	1307.8530226
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4895: 57 14 44 1 58 14 45 0	1308.1205700	1308.1206480
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4896: 56 14 43 1 57 14 44 0	1308.3881600	1308.3882331
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4897: 55 14 42 1 56 14 43 0	1308.6557200	1308.6557763
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4901: 51 14 38 1 52 14 39 0	1309.7253200	1309.7254933
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4909:	42	14	29	1 43 14 30 0
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4910:	41	14	28	1 42 14 29 0
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4915:	34	14	21	1 35 14 22 0
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4916:	33	14	20	1 34 14 21 0
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4917:	32	14	19	1 33 14 20 0
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4918:	31	14	18	1 32 14 19 0
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4919:	30	14	17	1 31 14 18 0
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4920:	29	14	16	1 30 14 17 0
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4921:	28	14	15	1 29 14 16 0
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4924:	24	14	11	1 25 14 12 0
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4929:	19	14	6	1 20 14 7 0
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4930:	18	14	5	1 19 14 6 0
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4931:	17	14	4	1 18 14 5 0
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4941:	24	14	11	1	23	14	10	0	1329.7717200	1329.7713872
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4942:	25	14	12	1	24	14	11	0	1330.0301200	1330.0299100
0.0002100	-0.0003000	0.0000000								
4943:	26	14	13	1	25	14	12	0	1330.2884800	1330.2882552
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4944:	27	14	14	1	26	14	13	0	1330.5464700	1330.5464211
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4946:	29	14	16	1	28	14	15	0	1331.0619600	1331.0622089
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4947:	30	14	17	1	29	14	16	0	1331.3198600	1331.3198276
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4948:	31	14	18	1	30	14	17	0	1331.5773200	1331.5772608
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4949:	32	14	19	1	31	14	18	0	1331.8349900	1331.8345067
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4950:	33	14	20	1	32	14	19	0	1332.0915400	1332.0915637
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4952:	35	14	22	1	34	14	21	0	1332.6046200	1332.6051051
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4953:	36	14	23	1	35	14	22	0	1332.8616200	1332.8615861
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4954:	37	14	24	1	36	14	23	0	1333.1180300	1333.1178718
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4957:	43	14	30	1	42	14	29	0	1334.6513800	1334.6513948
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4963:	49	14	36	1	48	14	35	0	1336.1779600	1336.1774760
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4964:	50	14	37	1	49	14	36	0	1336.4311400	1336.4310742
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4965:	51	14	38	1	50	14	37	0	1336.6842700	1336.6844539
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4974: 60	14 47	1 59 14 46	0	1338.9548900 1338.9547616
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4975: 61	14 48	1 60 14 47	0	1339.2057800 1339.2058629
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4987: 73	14 60	1 72 14 59	0	1342.1997400 1342.2000414
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4988: 74	14 61	1 73 14 60	0	1342.4479900 1342.4479143
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4989: 75	14 62	1 74 14 61	0	1342.6955300 1342.6955259
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4990: 76	14 63	1 75 14 62	0	1342.9433200 1342.9428743
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4991: 77	14 64	1 76 14 63	0	1343.1902500 1343.1899575
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4992: 78	14 65	1 77 14 64	0	1343.4371200 1343.4367736
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4993: 79	14 66	1 78 14 65	0	1343.6840200 1343.6833207
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4994: 80	14 67	1 79 14 66	0	1343.9299500 1343.9295969
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4995: 82	14 69	1 81 14 68	0	1344.4214200 1344.4213284
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4996: 83	14 70	1 82 14 69	0	1344.6669500 1344.6667799
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4997: 85	14 72	1 84 14 71	0	1345.1567900 1345.1568441
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4998: 84	15 69	1 85 15 70	0	1300.5848600 1300.5851102
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4999: 83	15 68	1 84 15 69	0	1300.8528100 1300.8530994
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5000: 82	15 67	1 83 15 68	0	1301.1214300 1301.1210956
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5001: 81	15 66	1 82 15 67	0	1301.3886200 1301.3890972
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5002: 80	15 65	1 81 15 66	0	1301.6575200 1301.6571024
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5005:	77	15	62	1	78	15	63	0	1302.4612200	1302.4611221
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5006:	76	15	61	1	77	15	62	0	1302.7287600	1302.7291242
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5007:	75	15	60	1	76	15	61	0	1302.9970200	1302.9971212
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5008:	74	15	59	1	75	15	60	0	1303.2647300	1303.2651113
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5009:	73	15	58	1	74	15	59	0	1303.5332100	1303.5330927
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5010:	72	15	57	1	73	15	58	0	1303.8005500	1303.8010636
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5011:	71	15	56	1	72	15	57	0	1304.0690100	1304.0690225
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5015:	67	15	52	1	68	15	53	0	1305.1405100	1305.1407009
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5016:	66	15	51	1	67	15	52	0	1305.4087500	1305.4085725
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5017:	64	15	49	1	65	15	50	0	1305.9442300	1305.9442458
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5018:	63	15	48	1	64	15	49	0	1306.2121400	1306.2120440
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5019:	62	15	47	1	63	15	48	0	1306.4799600	1306.4798142
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5020:	61	15	46	1	62	15	47	0	1306.7474300	1306.7475546
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5021:	60	15	45	1	61	15	46	0	1307.0152000	1307.0152635
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5022:	59	15	44	1	60	15	45	0	1307.2832700	1307.2829392
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5023:	58	15	43	1	59	15	44	0	1307.5510500	1307.5505798
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5024:	57	15	42	1	58	15	43	0	1307.8181500	1307.8181837
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5025:	56	15	41	1	57	15	42	0	1308.0853800	1308.0857490
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5026:	55	15	40	1	56	15	41	0	1308.3533300	1308.3532740
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5027:	54	15	39	1	55	15	40	0	1308.6206700	1308.6207570
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5030:	51	15	36	1	52	15	37	0	1309.4231800	1309.4229360
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5032:	49	15	34	1	50	15	35	0	1309.9576200	1309.9574797
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5033:	48	15	33	1	49	15	34	0	1310.2249600	1310.2246736
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5034:	47	15	32	1	48	15	33	0	1310.4919200	1310.4918132
0.0001068	-0.0003000	0.0000000								
5035:	46	15	31	1	47	15	32	0	1310.7588500	1310.7588968

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5036:	45	15	30	1 46 15 31 0
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5041:	40	15	25	1 41 15 26 0
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5042:	39	15	24	1 40 15 25 0
0.0001336	-0.0003000	0.0000000	1312.6269000	1312.6267664
5043:	38	15	23	1 39 15 24 0
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5044:	37	15	22	1 38 15 23 0
0.0001400	-0.0003000	0.0000000	1313.1599800	1313.1598400
5045:	36	15	21	1 37 15 22 0
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5046:	35	15	20	1 36 15 21 0
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5047:	34	15	19	1 35 15 20 0
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5048:	33	15	18	1 34 15 19 0
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5049:	32	15	17	1 33 15 18 0
0.0000704	-0.0003000	0.0000000	1314.4912800	1314.4912096
5050:	31	15	16	1 32 15 17 0
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5051:	30	15	15	1 31 15 16 0
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5052:	29	15	14	1 30 15 15 0
0.0000888	-0.0003000	0.0000000	1315.2891500	1315.2890612
5053:	28	15	13	1 29 15 14 0
0.0000202	-0.0003000	0.0000000	1315.5548600	1315.5548398
5054:	27	15	12	1 28 15 13 0
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5055:	26	15	11	1 27 15 12 0
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5056:	25	15	10	1 26 15 11 0
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5057:	24	15	9	1 25 15 10 0
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5058:	23	15	8	1 24 15 9 0
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5059:	22	15	7	1 23 15 8 0
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5060:	21	15	6	1 22 15 7 0
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5061:	19	15	4	1 20 15 5 0
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5062:	18	15	3	1 19 15 4 0
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5063:	17	15	2	1 18 15 3 0
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5065:	19	15	4	1 18 15 3 0
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5066:	20	15	5	1 19 15 4 0
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5068:	23	15	8	1	22	15	7	0	1329.2136200	1329.2135252
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5070:	25	15	10	1	24	15	9	0	1329.7313500	1329.7308703
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5071:	27	15	12	1	26	15	11	0	1330.2475300	1330.2474997
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5072:	28	15	13	1	27	15	12	0	1330.5054400	1330.5055417
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5073:	29	15	14	1	28	15	13	0	1330.7633600	1330.7633997
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5083:	39	15	24	1	38	15	23	0	1333.3312700	1333.3314875
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5085:	41	15	26	1	40	15	25	0	1333.8427400	1333.8427270
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5086:	42	15	27	1	41	15	26	0	1334.0983200	1334.0980383
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5091:	48	15	33	1	47	15	32	0	1335.6255500	1335.6254778
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5092:	49	15	34	1	48	15	33	0	1335.8792900	1335.8792965
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5095:	57	15	42	1	56	15	41	0	1337.9019400	1337.9017641
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5097:	59	15	44	1	58	15	43	0	1338.4050300	1338.4050693
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5118: 82	15 67	1 81 15 66	0	1344.1213700 1344.1206434
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5121: 86	15 71	1 85 15 70	0	1345.0994800 1345.1000176
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5129: 79	15 65	1 80 15 66	0	1301.9252700 1301.9251095
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5130: 78	15 64	1 79 15 65	0	1302.1936600 1302.1931166
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5172:	35	15	21	1 36 15 22 0
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5173:	34	15	20	1 35 15 21 0
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5174:	33	15	19	1 34 15 20 0
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5175:	32	15	18	1 33 15 19 0
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5178:	29	15	15	1 30 15 16 0
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5179:	28	15	14	1 29 15 15 0
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5180:	27	15	13	1 28 15 14 0
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5181:	26	15	12	1 27 15 13 0
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5189:	17	15	3	1 18 15 4 0
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5191:	19	15	5	1 18 15 4 0
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5200: 30 15 16 1 29 15 15 0	1331.0211000	1331.0210721
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5202: 32 15 18 1 31 15 17 0	1331.5357000	1331.5358530
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5203: 33 15 19 1 32 15 18 0	1331.7929600	1331.7929581
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5204: 34 15 20 1 33 15 19 0	1332.0498400	1332.0498708
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5205: 35 15 21 1 34 15 20 0	1332.3066500	1332.3065893
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5206: 36 15 22 1 35 15 21 0	1332.5632300	1332.5631120
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5207: 37 15 23 1 36 15 22 0	1332.8193500	1332.8194370
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5208: 38 15 24 1 37 15 23 0	1333.0753900	1333.0755628
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5209: 39 15 25 1 38 15 24 0	1333.3312700	1333.3314875
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5210: 40 15 26 1 39 15 25 0	1333.5870600	1333.5872095
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5211: 41 15 27 1 40 15 26 0	1333.8427400	1333.8427270
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5212: 42 15 28 1 41 15 27 0	1334.0983200	1334.0980383
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5213: 44 15 30 1 43 15 29 0	1334.6078800	1334.6080353
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5214: 45 15 31 1 44 15 30 0	1334.8623500	1334.8627175
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5215: 46 15 32 1 45 15 31 0	1335.1170900	1335.1171865
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5216: 47 15 33 1 46 15 32 0	1335.3716100	1335.3714405
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5217: 48 15 34 1 47 15 33 0	1335.6255500	1335.6254778
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5218: 49 15 35 1 48 15 34 0	1335.8792900	1335.8792965
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5219: 53 15 39 1 52 15 38 0	1336.8922300	1336.8923505
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5220: 54 15 40 1 53 15 39 0	1337.1449500	1337.1450497
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5221: 57 15 43 1 56 15 42 0	1337.9019400	1337.9017641
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5222: 58 15 44 1 57 15 43 0	1338.1534800	1338.1535351
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5223: 59 15 45 1 58 15 44 0	1338.4050300	1338.4050693
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5227: 64 15 50 1 63 15 49 0	1339.6593400	1339.6591251
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5231: 68	15 54	1 67 15 53	0	1340.6577100 1340.6579177
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5233: 70	15 56	1 69 15 55	0	1341.1557500 1341.1557877
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5234: 71	15 57	1 70 15 56	0	1341.4046200 1341.4043343
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5235: 72	15 58	1 71 15 57	0	1341.6529800 1341.6526194
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5237: 74	15 60	1 73 15 59	0	1342.1481200 1342.1483969
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5238: 75	15 61	1 74 15 60	0	1342.3959000 1342.3958854
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5239: 76	15 62	1 75 15 61	0	1342.6435300 1342.6431043
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5240: 77	15 63	1 76 15 62	0	1342.8904800 1342.8900517
0.0004283	-0.0003000	0.0000000		
5241: 79	15 65	1 78 15 64	0	1343.3831900 1343.3831236
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5242: 80	15 66	1 79 15 65	0	1343.6292300 1343.6292440
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5243: 81	15 67	1 80 15 66	0	1343.8753800 1343.8750846
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5244: 82	15 68	1 81 15 67	0	1344.1213700 1344.1206434
0.0007266	-0.0003000	0.0000000		
5245: 83	15 69	1 82 15 68	0	1344.3658100 1344.3659182
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5246: 84	15 70	1 83 15 69	0	1344.6111500 1344.6109069
0.0002431	-0.0003000	0.0000000		
5247: 86	15 72	1 85 15 71	0	1345.0994800 1345.1000176
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5248: 87	15 73	1 86 15 72	0	1345.3439200 1345.3441353
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5250: 84	16 68	1 85 16 69	0	1300.2627200 1300.2631256
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5251: 83	16 67	1 84 16 68	0	1300.5314800 1300.5310762
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5252: 82	16 66	1 83 16 67	0	1300.7983700 1300.7990345
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5253: 81	16 65	1 82 16 66	0	1301.0665700 1301.0669988
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5254: 80	16 64	1 81 16 65	0	1301.3356200 1301.3349675
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5255: 79	16 63	1 80 16 64	0	1301.6029900 1301.6029388
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5257: 77	16 61	1 78 16 62	0	1302.1394900 1302.1388824
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5265:	65	16	49	1	66	16	50	0	1305.3543800	1305.3538545
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5266:	64	16	48	1	65	16	49	0	1305.6213600	1305.6216595
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5268:	62	16	46	1	63	16	47	0	1306.1572500	1306.1571931
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5269:	61	16	45	1	62	16	46	0	1306.4251900	1306.4249182
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5270:	60	16	44	1	61	16	45	0	1306.6928200	1306.6926132
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5271:	59	16	43	1	60	16	44	0	1306.9604300	1306.9602765
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5272:	58	16	42	1	59	16	43	0	1307.2282700	1307.2279061
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5273:	57	16	41	1	58	16	42	0	1307.4957000	1307.4955005
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5274:	56	16	40	1	57	16	41	0	1307.7631400	1307.7630578
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5275:	55	16	39	1	56	16	40	0	1308.0302400	1308.0305763
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5278:	52	16	36	1	53	16	37	0	1308.8333800	1308.8328820
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5279:	49	16	33	1	50	16	34	0	1309.6347500	1309.6347763
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5280:	48	16	32	1	49	16	33	0	1309.9018700	1309.9019748
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5281:	47	16	31	1	48	16	32	0	1310.1691300	1310.1691207
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5282:	46	16	30	1	47	16	31	0	1310.4362300	1310.4362122
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5283:	45	16	29	1	46	16	30	0	1310.7033600	1310.7032476
0.0001124	-0.0003000	0.0000000								
5284:	44	16	28	1	45	16	29	0	1310.9700200	1310.9702250
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5285:	43	16	27	1	44	16	28	0	1311.2369000	1311.2371429
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5286:	42	16	26	1	43	16	27	0	1311.5040200	1311.5039995
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5287:	41	16	25	1	42	16	26	0	1311.7707000	1311.7707929
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5288:	40	16	24	1	41	16	25	0	1312.0376900	1312.0375216
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5289:	39	16	23	1	40	16	24	0	1312.3040700	1312.3041837
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5290:	37	16	21	1	38	16	22	0	1312.8376800	1312.8373015
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5291:	36	16	20	1	37	16	21	0	1313.1036100	1313.1037536
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5292:	35	16	19	1	36	16	20	0	1313.3700900	1313.3701323
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5293:	34	16	18	1	35	16	19	0	1313.6361700	1313.6364358
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5294:	33	16	17	1	34	16	18	0	1313.9022000	1313.9026624
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5298:	29	16	13	1 30 16 14 0
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5302:	25	16	9	1 26 16 10 0
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5312:	25	16	9	1 24 16 8 0
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5315:	28	16	12	1 27 16 11 0
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5316:	29	16	13	1 28 16 12 0
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5320:	34	16	18	1 33 16 17 0
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5321:	35	16	19	1 34 16 18 0
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5322:	36	16	20	1 35 16 19 0
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5323:	37	16	21	1 36 16 20 0
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5326:	40	16	24	1 39 16 23 0
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5332:	46	16	30	1	45	16	29	0	1334.7998700	1334.7995815
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5333:	47	16	31	1	46	16	30	0	1335.0537600	1335.0538675
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5334:	48	16	32	1	47	16	31	0	1335.3080100	1335.3079341
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5336:	50	16	34	1	49	16	33	0	1335.8152400	1335.8154019
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5337:	51	16	35	1	50	16	34	0	1336.0684900	1336.0687993
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5340:	55	16	39	1	54	16	38	0	1337.0801600	1337.0801017
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5341:	56	16	40	1	55	16	39	0	1337.3324600	1337.3323461
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5342:	57	16	41	1	56	16	40	0	1337.5845400	1337.5843541
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5343:	58	16	42	1	57	16	41	0	1337.8361500	1337.8361238
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5345:	60	16	44	1	59	16	43	0	1338.3393200	1338.3389409
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5347:	64	16	48	1	63	16	47	0	1339.3416900	1339.3416304
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5348:	65	16	49	1	64	16	48	0	1339.5917400	1339.5916778
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5349:	66	16	50	1	65	16	49	0	1339.8416100	1339.8414713
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5350:	67	16	51	1	66	16	50	0	1340.0915100	1340.0910088
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5354:	71	16	55	1	70	16	54	0	1341.0858800	1341.0865589
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5355:	72	16	56	1	71	16	55	0	1341.3349600	1341.3347862
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5356:	73	16	57	1	72	16	56	0	1341.5829400	1341.5827453
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5358:	75	16	59	1	74	16	58	0	1342.0778300	1342.0778506
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5359:	76	16	60	1	75	16	59	0	1342.3246800	1342.3249927
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5360:	77	16	61	1	76	16	60	0	1342.5718500	1342.5718581

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5362: 79	16 63	1 78 16 62	0	1343.0645200 1343.0647509
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5363: 80	16 64	1 79 16 63	0	1343.3102300 1343.3107739
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5364: 84	16 69	1 85 16 70	0	1300.2627200 1300.2631256
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5365: 83	16 68	1 84 16 69	0	1300.5314800 1300.5310762
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5366: 82	16 67	1 83 16 68	0	1300.7983700 1300.7990345
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5367: 81	16 66	1 82 16 67	0	1301.0665700 1301.0669988
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5368: 80	16 65	1 81 16 66	0	1301.3356200 1301.3349675
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5369: 79	16 64	1 80 16 65	0	1301.6029900 1301.6029388
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5371: 77	16 62	1 78 16 63	0	1302.1394900 1302.1388824
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5372: 73	16 58	1 74 16 59	0	1303.2108000 1303.2107262
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5375: 70	16 55	1 71 16 56	0	1304.0144600 1304.0145169
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5376: 69	16 54	1 70 16 55	0	1304.2823900 1304.2824203
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5377: 67	16 52	1 68 16 53	0	1304.8175100 1304.8181768
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5378: 66	16 51	1 67 16 52	0	1305.0860200 1305.0860264
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5379: 65	16 50	1 66 16 51	0	1305.3543800 1305.3538545
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5382: 62	16 47	1 63 16 48	0	1306.1572500 1306.1571931
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5383: 61	16 46	1 62 16 47	0	1306.4251900 1306.4249182
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5384: 60	16 45	1 61 16 46	0	1306.6928200 1306.6926132
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5385: 59	16 44	1 60 16 45	0	1306.9604300 1306.9602765
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5386: 58	16 43	1 59 16 44	0	1307.2282700 1307.2279061
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5387: 57	16 42	1 58 16 43	0	1307.4957000 1307.4955005
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5388: 56	16 41	1 57 16 42	0	1307.7631400 1307.7630578
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5389: 55	16 40	1 56 16 41	0	1308.0302400 1308.0305763
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5390: 54	16 39	1 55 16 40	0	1308.2979900 1308.2980544
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5394: 48 16 33 1 49 16 34 0	1309.9018700	1309.9019748
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5395: 47 16 32 1 48 16 33 0	1310.1691300	1310.1691207
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5396: 46 16 31 1 47 16 32 0	1310.4362300	1310.4362122
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5397: 45 16 30 1 46 16 31 0	1310.7033600	1310.7032476
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5398: 44 16 29 1 45 16 30 0	1310.9700200	1310.9702250
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5399: 43 16 28 1 44 16 29 0	1311.2369000	1311.2371429
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5400: 42 16 27 1 43 16 28 0	1311.5040200	1311.5039995
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5401: 41 16 26 1 42 16 27 0	1311.7707000	1311.7707929
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5402: 40 16 25 1 41 16 26 0	1312.0376900	1312.0375216
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5403: 39 16 24 1 40 16 25 0	1312.3040700	1312.3041837
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5404: 37 16 22 1 38 16 23 0	1312.8376800	1312.8373015
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5406: 35 16 20 1 36 16 21 0	1313.3700900	1313.3701323
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5407: 34 16 19 1 35 16 20 0	1313.6361700	1313.6364358
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5408: 33 16 18 1 34 16 19 0	1313.9022000	1313.9026624
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5409: 32 16 17 1 33 16 18 0	1314.1690800	1314.1688103
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5410: 31 16 16 1 32 16 17 0	1314.4346300	1314.4348778
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5411: 30 16 15 1 31 16 16 0	1314.7009800	1314.7008633
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5412: 29 16 14 1 30 16 15 0	1314.9670200	1314.9667650
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5413: 28 16 13 1 29 16 14 0	1315.2326200	1315.2325811
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5414: 27 16 12 1 28 16 13 0	1315.4981100	1315.4983099
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5415: 26 16 11 1 27 16 12 0	1315.7645600	1315.7639498
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5416: 25 16 10 1 26 16 11 0	1316.0297300	1316.0294989
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5417: 23 16 8 1 24 16 9 0	1316.5607300	1316.5603182
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5420: 20 16 5 1 21 16 6 0	1317.3560900	1317.3558240
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5425: 19 16 4 1 18 16 3 0	1327.8575300	1327.8575713

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5426:	22	16	7	1 21 16 6 0
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5427:	23	16	8	1 22 16 7 0
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5429:	25	16	10	1 24 16 9 0
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5432:	28	16	13	1 27 16 12 0
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5438:	35	16	20	1 34 16 19 0
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5439:	36	16	21	1 35 16 20 0
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5440:	37	16	22	1 36 16 21 0
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5443:	40	16	25	1 39 16 24 0
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5447:	44	16	29	1 43 16 28 0
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5448:	45	16	30	1 44 16 29 0
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5449:	46	16	31	1 45 16 30 0
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5450:	47	16	32	1 46 16 31 0
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5453:	50	16	35	1 49 16 34 0
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5454:	51	16	36	1 50 16 35 0
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5455:	53	16	38	1 52 16 37 0
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5458: 56 16 41 1 55 16 40 0	1337.3324600	1337.3323461
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5459: 57 16 42 1 56 16 41 0	1337.5845400	1337.5843541
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5460: 58 16 43 1 57 16 42 0	1337.8361500	1337.8361238
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5463: 61 16 46 1 60 16 45 0	1338.5900800	1338.5899843
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5464: 64 16 49 1 63 16 48 0	1339.3416900	1339.3416304
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5465: 65 16 50 1 64 16 49 0	1339.5917400	1339.5916778
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5466: 66 16 51 1 65 16 50 0	1339.8416100	1339.8414713
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5467: 67 16 52 1 66 16 51 0	1340.0915100	1340.0910088
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5469: 69 16 54 1 68 16 53 0	1340.5894400	1340.5893079
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5472: 72 16 57 1 71 16 56 0	1341.3349600	1341.3347862
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5473: 73 16 58 1 72 16 57 0	1341.5829400	1341.5827453
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5475: 75 16 60 1 74 16 59 0	1342.0778300	1342.0778506
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5483: 83 16 68 1 82 16 67 0	1344.0474300	1344.0471235
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5493:	70	17	53	1 71 17 54 0
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5494:	69	17	52	1 70 17 53 0
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5495:	68	17	51	1 69 17 52 0
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5496:	67	17	50	1 68 17 51 0
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5497:	66	17	49	1 67 17 50 0
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5498:	64	17	47	1 65 17 48 0
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5499:	61	17	44	1 62 17 45 0
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5500:	60	17	43	1 61 17 44 0
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5501:	59	17	42	1 60 17 43 0
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5502:	57	17	40	1 58 17 41 0
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5504:	55	17	38	1 56 17 39 0
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5505:	54	17	37	1 55 17 38 0
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5506:	53	17	36	1 54 17 37 0
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5507:	52	17	35	1 53 17 36 0
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5508:	51	17	34	1 52 17 35 0
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5509:	50	17	33	1 51 17 34 0
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5510:	49	17	32	1 50 17 33 0
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5511:	48	17	31	1 49 17 32 0
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5512:	47	17	30	1 48 17 31 0
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5513:	45	17	28	1 46 17 29 0
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5514:	44	17	27	1 45 17 28 0
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0.0001671	-0.0003000	0.0000000		
5515:	43	17	26	1 44 17 27 0
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5516:	42	17	25	1 43 17 26 0
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0.0000710	-0.0003000	0.0000000		
5517:	40	17	23	1 41 17 24 0
1311.6951300				1311.6950689
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5518:	39	17	22	1 40 17 23 0
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5519:	38	17	21	1 39 17 22 0
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5520:	37	17	20	1 38 17 21 0
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5521:	36	17	19	1 37 17 20 0
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5525:	32	17	15	1	33	17	16	0	1313.8267700	1313.8266089
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5526:	31	17	14	1	32	17	15	0	1314.0926300	1314.0927146
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5527:	30	17	13	1	31	17	14	0	1314.3586600	1314.3587396
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5528:	29	17	12	1	30	17	13	0	1314.6247000	1314.6246824
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5535:	22	17	5	1	23	17	6	0	1316.4839700	1316.4838297
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5536:	21	17	4	1	22	17	5	0	1316.7488000	1316.7490512
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5537:	20	17	3	1	19	17	2	0	1327.7782000	1327.7784138
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5538:	21	17	4	1	20	17	3	0	1328.0374000	1328.0378485
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5539:	22	17	5	1	21	17	4	0	1328.2970200	1328.2971099
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5540:	23	17	6	1	22	17	5	0	1328.5564700	1328.5561962
0.0002738	-0.0003000	0.0000000								
5541:	24	17	7	1	23	17	6	0	1328.8146300	1328.8151056
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5542:	25	17	8	1	24	17	7	0	1329.0734100	1329.0738363
-0.0004263	-0.0003000	0.0000000								
5543:	26	17	9	1	25	17	8	0	1329.3317000	1329.3323865
-0.0006865	-0.0003000	0.0000000								
5544:	27	17	10	1	26	17	9	0	1329.5903900	1329.5907544
-0.0003644	-0.0003000	0.0000000								
5545:	29	17	12	1	28	17	11	0	1330.1068000	1330.1069361
-0.0001361	-0.0003000	0.0000000								
5546:	30	17	13	1	29	17	12	0	1330.3645000	1330.3647461
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5547:	32	17	15	1	31	17	14	0	1330.8799100	1330.8797958
0.0001142	-0.0003000	0.0000000								
5548:	34	17	17	1	33	17	16	0	1331.3947500	1331.3940724
0.0006776	-0.0003000	0.0000000								
5549:	35	17	18	1	34	17	17	0	1331.6511400	1331.6509163
0.0002237	-0.0003000	0.0000000								
5550:	36	17	19	1	35	17	18	0	1331.9081700	1331.9075615
0.0006085	-0.0003000	0.0000000								
5551:	37	17	20	1	36	17	19	0	1332.1642100	1332.1640060
0.0002040	-0.0003000	0.0000000								
5552:	38	17	21	1	37	17	20	0	1332.4203200	1332.4202480
0.0000720	-0.0003000	0.0000000								
5553:	39	17	22	1	38	17	21	0	1332.6763500	1332.6762857
0.0000643	-0.0003000	0.0000000								
5554:	40	17	23	1	39	17	22	0	1332.9324300	1332.9321173
0.0003127	-0.0003000	0.0000000								
5555:	41	17	24	1	40	17	23	0	1333.1876800	1333.1877407

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5556:	42	17	25	1 41 17 24 0
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5558:	44	17	27	1 43 17 26 0
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5559:	45	17	28	1 44 17 27 0
0.0002038	-0.0003000	0.0000000	1334.2083200	1334.2081162
5560:	46	17	29	1 45 17 28 0
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5561:	47	17	30	1 46 17 29 0
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5562:	48	17	31	1 47 17 30 0
0.0000896	-0.0003000	0.0000000	1334.9712100	1334.9711204
5563:	49	17	32	1 48 17 31 0
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5564:	50	17	33	1 49 17 32 0
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5565:	51	17	34	1 50 17 33 0
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5566:	52	17	35	1 51 17 34 0
0.0001555	-0.0003000	0.0000000	1335.9854800	1335.9853245
5567:	53	17	36	1 52 17 35 0
-0.0001028	-0.0003000	0.0000000	1336.2382000	1336.2383028
5568:	54	17	37	1 53 17 36 0
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5569:	55	17	38	1 54 17 37 0
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5570:	56	17	39	1 55 17 38 0
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5571:	59	17	42	1 58 17 41 0
0.0000994	-0.0003000	0.0000000	1337.7513100	1337.7512106
5572:	60	17	43	1 59 17 42 0
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5573:	62	17	45	1 61 17 44 0
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5574:	63	17	46	1 62 17 45 0
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5575:	64	17	47	1 63 17 46 0
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5576:	65	17	48	1 64 17 47 0
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5577:	67	17	50	1 66 17 49 0
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5578:	68	17	51	1 67 17 50 0
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5579:	69	17	52	1 68 17 51 0
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5581:	73	17	56	1 72 17 55 0
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5582:	74	17	57	1 73 17 56 0
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5583:	75	17	58	1 74 17 57 0
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5584:	76	17	59	1 75 17 58 0
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5585:	80	17	64	1 81 17 65 0
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5586:	79	17	63	1 80 17 64 0
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5587:	77	17	61	1 78 17 62 0
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5588: 76 17 60 1 77 17 61 0	1302.0642200	1302.0643999
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5589: 75 17 59 1 76 17 60 0	1302.3320100	1302.3323434
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5590: 74 17 58 1 75 17 59 0	1302.6001800	1302.6002819
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5591: 73 17 57 1 74 17 58 0	1302.8680400	1302.8682138
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5592: 72 17 56 1 73 17 57 0	1303.1357100	1303.1361372
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5593: 71 17 55 1 72 17 56 0	1303.4041500	1303.4040507
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5594: 70 17 54 1 71 17 55 0	1303.6722000	1303.6719524
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5595: 69 17 53 1 70 17 54 0	1303.9400500	1303.9398407
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5596: 68 17 52 1 69 17 53 0	1304.2081700	1304.2077138
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5597: 67 17 51 1 68 17 52 0	1304.4760700	1304.4755701
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5598: 66 17 50 1 67 17 51 0	1304.7433500	1304.7434079
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5599: 64 17 48 1 65 17 49 0	1305.2788100	1305.2790210
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5600: 61 17 45 1 62 17 46 0	1306.0825900	1306.0822590
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5601: 60 17 44 1 61 17 45 0	1306.3498200	1306.3499498
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5602: 59 17 43 1 60 17 44 0	1306.6177500	1306.6176100
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5603: 57 17 41 1 58 17 42 0	1307.1533800	1307.1528320
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5604: 56 17 40 1 57 17 41 0	1307.4207700	1307.4203904
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5605: 55 17 39 1 56 17 40 0	1307.6879900	1307.6879115
0.0000785 -0.0003000 0.0000000		
5606: 54 17 38 1 55 17 39 0	1307.9558100	1307.9553934
0.0004166 -0.0003000 0.0000000		
5607: 53 17 37 1 54 17 38 0	1308.2229500	1308.2228345
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5608: 52 17 36 1 53 17 37 0	1308.4901400	1308.4902331
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5609: 51 17 35 1 52 17 36 0	1308.7578300	1308.7575874
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5610: 50 17 34 1 51 17 35 0	1309.0253300	1309.0248957
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5611: 49 17 33 1 50 17 34 0	1309.2922900	1309.2921563
0.0001337 -0.0003000 0.0000000		
5612: 48 17 32 1 49 17 33 0	1309.5591800	1309.5593674
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5613: 47 17 31 1 48 17 32 0	1309.8267200	1309.8265274
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5614: 45 17 29 1 46 17 30 0	1310.3604100	1310.3606869
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5615: 44 17 28 1 45 17 29 0	1310.6278500	1310.6276829
0.0001671 -0.0003000 0.0000000		
5616: 43 17 27 1 44 17 28 0	1310.8944500	1310.8946209
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5617: 42 17 26 1 43 17 27 0	1311.1615700	1311.1614990
0.0000710 -0.0003000 0.0000000		
5618: 40 17 24 1 41 17 25 0	1311.6951300	1311.6950689
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5619: 39 17 23 1 40 17 24 0	1311.9613800	1311.9617572
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5620: 38 17 22 1 39 17 23 0	1312.2282400	1312.2283787

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5621:	37	17	21	1 38 17 22 0
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5622:	36	17	20	1 37 17 21 0
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5623:	35	17	19	1 36 17 20 0
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5624:	34	17	18	1 35 17 19 0
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5625:	33	17	17	1 34 17 18 0
1313.5605000				1313.5604243
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5626:	32	17	16	1 33 17 17 0
1313.8267700				1313.8266089
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5627:	31	17	15	1 32 17 16 0
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5628:	30	17	14	1 31 17 15 0
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5629:	29	17	13	1 30 17 14 0
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5630:	28	17	12	1 29 17 13 0
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5631:	27	17	11	1 28 17 12 0
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5632:	26	17	10	1 27 17 11 0
1315.4222400				1315.4219991
0.0002409	-0.0003000	0.0000000		
5633:	25	17	9	1 26 17 10 0
1315.6877100				1315.6875950
0.0001150	-0.0003000	0.0000000		
5634:	24	17	8	1 25 17 9 0
1315.9530500				1315.9530999
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5635:	23	17	7	1 24 17 8 0
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5636:	22	17	6	1 23 17 7 0
1316.4839700				1316.4838297
0.0001403	-0.0003000	0.0000000		
5637:	21	17	5	1 22 17 6 0
1316.7488000				1316.7490512
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5638:	20	17	4	1 19 17 3 0
1327.7782000				1327.7784138
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5639:	21	17	5	1 20 17 4 0
1328.0374000				1328.0378485
-0.0004485	-0.0003000	0.0000000		
5640:	22	17	6	1 21 17 5 0
1328.2970200				1328.2971099
-0.0000899	-0.0003000	0.0000000		
5641:	23	17	7	1 22 17 6 0
1328.5564700				1328.5561962
0.0002738	-0.0003000	0.0000000		
5642:	24	17	8	1 23 17 7 0
1328.8146300				1328.8151056
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5643:	25	17	9	1 24 17 8 0
1329.0734100				1329.0738363
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5644:	26	17	10	1 25 17 9 0
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5645:	27	17	11	1 26 17 10 0
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5646:	29	17	13	1 28 17 12 0
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5647:	30	17	14	1 29 17 13 0
1330.3645000				1330.3647461
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5648:	32	17	16	1 31 17 15 0
1330.8799100				1330.8797958
0.0001142	-0.0003000	0.0000000		
5649:	34	17	18	1 33 17 17 0
1331.3947500				1331.3940724
0.0006776	-0.0003000	0.0000000		
5650:	35	17	19	1 34 17 18 0
1331.6511400				1331.6509163
0.0002237	-0.0003000	0.0000000		
5651:	36	17	20	1 35 17 19 0
1331.9081700				1331.9075615
0.0006085	-0.0003000	0.0000000		
5652:	37	17	21	1 36 17 20 0
1332.1642100				1332.1640060
0.0002040	-0.0003000	0.0000000		

5653:	38	17	22	1	37	17	21	0	1332.4203200	1332.4202480
	0.0000720	-0.0003000	0.0000000							
5654:	39	17	23	1	38	17	22	0	1332.6763500	1332.6762857
	0.0000643	-0.0003000	0.0000000							
5655:	40	17	24	1	39	17	23	0	1332.9324300	1332.9321173
	0.0003127	-0.0003000	0.0000000							
5656:	41	17	25	1	40	17	24	0	1333.1876800	1333.1877407
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5657:	42	17	26	1	41	17	25	0	1333.4433600	1333.4431542
	0.0002058	-0.0003000	0.0000000							
5658:	43	17	27	1	42	17	26	0	1333.6983000	1333.6983559
	-0.0000559	-0.0003000	0.0000000							
5659:	44	17	28	1	43	17	27	0	1333.9533000	1333.9533439
	-0.0000439	-0.0003000	0.0000000							
5660:	45	17	29	1	44	17	28	0	1334.2083200	1334.2081162
	0.0002038	-0.0003000	0.0000000							
5661:	46	17	30	1	45	17	29	0	1334.4623700	1334.4626710
	-0.0003010	-0.0003000	0.0000000							
5662:	47	17	31	1	46	17	30	0	1334.7169000	1334.7170064
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5663:	48	17	32	1	47	17	31	0	1334.9712100	1334.9711204
	0.0000896	-0.0003000	0.0000000							
5664:	49	17	33	1	48	17	32	0	1335.2249600	1335.2250112
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5665:	50	17	34	1	49	17	33	0	1335.4781300	1335.4786767
	-0.0005467	-0.0003000	0.0000000							
5666:	51	17	35	1	50	17	34	0	1335.7319200	1335.7321151
	-0.0001951	-0.0003000	0.0000000							
5667:	52	17	36	1	51	17	35	0	1335.9854800	1335.9853245
	0.0001555	-0.0003000	0.0000000							
5668:	53	17	37	1	52	17	36	0	1336.2382000	1336.2383028
	-0.0001028	-0.0003000	0.0000000							
5669:	54	17	38	1	53	17	37	0	1336.4904800	1336.4910481
	-0.0005681	-0.0003000	0.0000000							
5670:	55	17	39	1	54	17	38	0	1336.7433700	1336.7435584
	-0.0001884	-0.0003000	0.0000000							
5671:	56	17	40	1	55	17	39	0	1336.9961300	1336.9958319
	0.0002981	-0.0003000	0.0000000							
5672:	59	17	43	1	58	17	42	0	1337.7513100	1337.7512106
	0.0000994	-0.0003000	0.0000000							
5673:	60	17	44	1	59	17	43	0	1338.0025200	1338.0025164
	0.0000036	-0.0003000	0.0000000							
5674:	62	17	46	1	61	17	45	0	1338.5039500	1338.5043852
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5675:	63	17	47	1	62	17	46	0	1338.7552700	1338.7549441
	0.0003259	-0.0003000	0.0000000							
5676:	64	17	48	1	63	17	47	0	1339.0048500	1339.0052499
	-0.0003999	-0.0003000	0.0000000							
5677:	65	17	49	1	64	17	48	0	1339.2549800	1339.2553007
	-0.0003207	-0.0003000	0.0000000							
5678:	67	17	51	1	66	17	50	0	1339.7549800	1339.7546288
	0.0003512	-0.0003000	0.0000000							
5679:	68	17	52	1	67	17	51	0	1340.0038300	1340.0039019
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5680:	69	17	53	1	68	17	52	0	1340.2527300	1340.2529116
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5681:	71	17	55	1	70	17	54	0	1340.7502000	1340.7501326
	0.0000674	-0.0003000	0.0000000							
5682:	73	17	57	1	72	17	56	0	1341.2467300	1341.2462746
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5683:	74	17	58	1	73	17	57	0	1341.4944100	1341.4939357
	0.0004743	-0.0003000	0.0000000							
5684:	75	17	59	1	74	17	58	0	1341.7413600	1341.7413206
	0.0000394	-0.0003000	0.0000000							
5685:	76	17	60	1	75	17	59	0	1341.9882400	1341.9884273

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5687:	60	18	42	1 61 18 43 0
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5688:	59	18	41	1 60 18 42 0
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5689:	58	18	40	1 59 18 41 0
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5690:	57	18	39	1 58 18 40 0
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0.0001493	-0.0003000	0.0000000		
5691:	56	18	38	1 57 18 39 0
1307.0581700				1307.0579672
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5692:	55	18	37	1 56 18 38 0
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5693:	54	18	36	1 55 18 37 0
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5694:	53	18	35	1 54 18 36 0
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5695:	52	18	34	1 53 18 35 0
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5696:	51	18	33	1 52 18 34 0
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5697:	50	18	32	1 51 18 33 0
1308.6626100				1308.6625483
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5698:	49	18	31	1 50 18 32 0
1308.9299800				1308.9298263
0.0001537	-0.0003000	0.0000000		
5699:	48	18	30	1 49 18 31 0
1309.1973900				1309.1970562
0.0003338	-0.0003000	0.0000000		
5700:	47	18	29	1 48 18 30 0
1309.4645100				1309.4642362
0.0002738	-0.0003000	0.0000000		
5701:	46	18	28	1 47 18 29 0
1309.7321000				1309.7313648
0.0007352	-0.0003000	0.0000000		
5702:	45	18	27	1 46 18 28 0
1309.9985100				1309.9984401
0.0000699	-0.0003000	0.0000000		
5703:	44	18	26	1 45 18 27 0
1310.2650400				1310.2654604
-0.0004204	-0.0003000	0.0000000		
5704:	43	18	25	1 44 18 26 0
1310.5327100				1310.5324241
0.0002859	-0.0003000	0.0000000		
5705:	42	18	24	1 43 18 25 0
1310.7994600				1310.7993293
0.0001307	-0.0003000	0.0000000		
5706:	41	18	23	1 42 18 24 0
1311.0667600				1311.0661744
0.0005856	-0.0003000	0.0000000		
5707:	40	18	22	1 41 18 23 0
1311.3335000				1311.3329576
0.0005424	-0.0003000	0.0000000		
5708:	39	18	21	1 40 18 22 0
1311.6002400				1311.5996771
0.0005629	-0.0003000	0.0000000		
5709:	38	18	20	1 39 18 21 0
1311.8666900				1311.8663314
0.0003586	-0.0003000	0.0000000		
5710:	37	18	19	1 38 18 20 0
1312.1327400				1312.1329185
-0.0001785	-0.0003000	0.0000000		
5711:	19	18	1	1 18 18 0 0
1327.1609000				1327.1606057
0.0002943	-0.0003000	0.0000000		
5712:	20	18	2	1 19 18 1 0
1327.4199300				1327.4202966
-0.0003666	-0.0003000	0.0000000		
5713:	21	18	3	1 20 18 2 0
1327.6798900				1327.6798158
0.0000742	-0.0003000	0.0000000		
5714:	23	18	5	1 22 18 4 0
1328.1983500				1328.1983321
0.0000179	-0.0003000	0.0000000		
5715:	24	18	6	1 23 18 5 0
1328.4574600				1328.4573254
0.0001346	-0.0003000	0.0000000		
5716:	26	18	8	1 25 18 7 0
1328.9751700				1328.9747731
0.0003969	-0.0003000	0.0000000		
5717:	44	18	26	1 43 18 25 0
1333.5969900				1333.5971104
-0.0001204	-0.0003000	0.0000000		

5718:	45	18	27	1	44	18	26	0	1333.8523500	1333.8519496
0.0004004	-0.0003000	0.0000000								
5719:	46	18	28	1	45	18	27	0	1334.1069000	1334.1065698
0.0003302	-0.0003000	0.0000000								
5720:	47	18	29	1	46	18	28	0	1334.3611700	1334.3609691
0.0002009	-0.0003000	0.0000000								
5721:	48	18	30	1	47	18	29	0	1334.6148700	1334.6151456
-0.0002756	-0.0003000	0.0000000								
5722:	49	18	31	1	48	18	30	0	1334.8690200	1334.8690973
-0.0000773	-0.0003000	0.0000000								
5723:	50	18	32	1	49	18	31	0	1335.1223100	1335.1228222
-0.0005122	-0.0003000	0.0000000								
5724:	51	18	33	1	50	18	32	0	1335.3758800	1335.3763182
-0.0004382	-0.0003000	0.0000000								
5725:	52	18	34	1	51	18	33	0	1335.6296600	1335.6295835
0.0000765	-0.0003000	0.0000000								
5726:	61	18	43	1	60	18	42	0	1337.8984100	1337.8982510
0.0001590	-0.0003000	0.0000000								
5727:	62	18	44	1	61	18	43	0	1338.1493200	1338.1490965
0.0002235	-0.0003000	0.0000000								
5728:	63	18	45	1	62	18	44	0	1338.3996200	1338.3996888
-0.0000688	-0.0003000	0.0000000								
5729:	64	18	46	1	63	18	45	0	1338.6496800	1338.6500256
-0.0003456	-0.0003000	0.0000000								
5730:	65	18	47	1	64	18	46	0	1338.9003500	1338.9001050
0.0002450	-0.0003000	0.0000000								
5731:	66	18	48	1	65	18	47	0	1339.1503800	1339.1499247
0.0004553	-0.0003000	0.0000000								
5732:	67	18	49	1	66	18	48	0	1339.3992500	1339.3994826
-0.0002326	-0.0003000	0.0000000								
5733:	68	18	50	1	67	18	49	0	1339.6478800	1339.6487767
-0.0008967	-0.0003000	0.0000000								
5734:	69	18	51	1	68	18	50	0	1339.8968600	1339.8978047
-0.0009447	-0.0003000	0.0000000								
5735:	70	18	52	1	69	18	51	0	1340.1466200	1340.1465645
0.0000555	-0.0003000	0.0000000								
5736:	71	18	53	1	70	18	52	0	1340.3956400	1340.3950539
0.0005861	-0.0003000	0.0000000								
5737:	72	18	54	1	71	18	53	0	1340.6427800	1340.6432709
-0.0004909	-0.0003000	0.0000000								
5738:	73	18	55	1	72	18	54	0	1340.8909600	1340.8912131
-0.0002531	-0.0003000	0.0000000								
5739:	74	18	56	1	73	18	55	0	1341.1384900	1341.1388784
-0.0003884	-0.0003000	0.0000000								
5740:	75	18	57	1	74	18	56	0	1341.3864700	1341.3862645
0.0002055	-0.0003000	0.0000000								
5741:	76	18	58	1	75	18	57	0	1341.6331100	1341.6333694
-0.0002594	-0.0003000	0.0000000								
5742:	78	18	60	1	77	18	59	0	1342.1264700	1342.1267261
-0.0002561	-0.0003000	0.0000000								
5743:	79	18	61	1	78	18	60	0	1342.3734500	1342.3729736
0.0004764	-0.0003000	0.0000000								
5744:	61	18	44	1	62	18	45	0	1305.7194100	1305.7198083
-0.0003983	-0.0003000	0.0000000								
5745:	60	18	43	1	61	18	44	0	1305.9869500	1305.9875020
-0.0005520	-0.0003000	0.0000000								
5746:	59	18	42	1	60	18	43	0	1306.2552700	1306.2551664
0.0001036	-0.0003000	0.0000000								
5747:	58	18	41	1	59	18	42	0	1306.5226200	1306.5227999
-0.0001799	-0.0003000	0.0000000								
5748:	57	18	40	1	58	18	41	0	1306.7905500	1306.7904007
0.0001493	-0.0003000	0.0000000								
5749:	56	18	39	1	57	18	40	0	1307.0581700	1307.0579672
0.0002028	-0.0003000	0.0000000								
5750:	55	18	38	1	56	18	39	0	1307.3257700	1307.3254975

0.0002725	-0.0003000	0.0000000		
5751: 54	18 37	1 55 18 38	0	1307.5930200 1307.5929901
0.0000299	-0.0003000	0.0000000		
5752: 53	18 36	1 54 18 37	0	1307.8597800 1307.8604432
-0.0006632	-0.0003000	0.0000000		
5753: 52	18 35	1 53 18 36	0	1308.1274100 1308.1278551
-0.0004451	-0.0003000	0.0000000		
5754: 51	18 34	1 52 18 35	0	1308.3949700 1308.3952240
-0.0002540	-0.0003000	0.0000000		
5755: 50	18 33	1 51 18 34	0	1308.6626100 1308.6625483
0.0000617	-0.0003000	0.0000000		
5756: 49	18 32	1 50 18 33	0	1308.9299800 1308.9298263
0.0001537	-0.0003000	0.0000000		
5757: 48	18 31	1 49 18 32	0	1309.1973900 1309.1970562
0.0003338	-0.0003000	0.0000000		
5758: 47	18 30	1 48 18 31	0	1309.4645100 1309.4642362
0.0002738	-0.0003000	0.0000000		
5759: 46	18 29	1 47 18 30	0	1309.7321000 1309.7313648
0.0007352	-0.0003000	0.0000000		
5760: 45	18 28	1 46 18 29	0	1309.9985100 1309.9984401
0.0000699	-0.0003000	0.0000000		
5761: 44	18 27	1 45 18 28	0	1310.2650400 1310.2654604
-0.0004204	-0.0003000	0.0000000		
5762: 43	18 26	1 44 18 27	0	1310.5327100 1310.5324241
0.0002859	-0.0003000	0.0000000		
5763: 42	18 25	1 43 18 26	0	1310.7994600 1310.7993293
0.0001307	-0.0003000	0.0000000		
5764: 41	18 24	1 42 18 25	0	1311.0667600 1311.0661744
0.0005856	-0.0003000	0.0000000		
5765: 40	18 23	1 41 18 24	0	1311.3335000 1311.3329576
0.0005424	-0.0003000	0.0000000		
5766: 39	18 22	1 40 18 23	0	1311.6002400 1311.5996771
0.0005629	-0.0003000	0.0000000		
5767: 38	18 21	1 39 18 22	0	1311.8666900 1311.8663314
0.0003586	-0.0003000	0.0000000		
5768: 37	18 20	1 38 18 21	0	1312.1327400 1312.1329185
-0.0001785	-0.0003000	0.0000000		
5769: 19	18 2	1 18 18 1	0	1327.1609000 1327.1606057
0.0002943	-0.0003000	0.0000000		
5770: 20	18 3	1 19 18 2	0	1327.4199300 1327.4202966
-0.0003666	-0.0003000	0.0000000		
5771: 21	18 4	1 20 18 3	0	1327.6798900 1327.6798158
0.0000742	-0.0003000	0.0000000		
5772: 23	18 6	1 22 18 5	0	1328.1983500 1328.1983321
0.0000179	-0.0003000	0.0000000		
5773: 24	18 7	1 23 18 6	0	1328.4574600 1328.4573254
0.0001346	-0.0003000	0.0000000		
5774: 26	18 9	1 25 18 8	0	1328.9751700 1328.9747731
0.0003969	-0.0003000	0.0000000		
5775: 44	18 27	1 43 18 26	0	1333.5969900 1333.5971104
-0.0001204	-0.0003000	0.0000000		
5776: 45	18 28	1 44 18 27	0	1333.8523500 1333.8519496
0.0004004	-0.0003000	0.0000000		
5777: 46	18 29	1 45 18 28	0	1334.1069000 1334.1065698
0.0003302	-0.0003000	0.0000000		
5778: 47	18 30	1 46 18 29	0	1334.3611700 1334.3609691
0.0002009	-0.0003000	0.0000000		
5779: 48	18 31	1 47 18 30	0	1334.6148700 1334.6151456
-0.0002756	-0.0003000	0.0000000		
5780: 49	18 32	1 48 18 31	0	1334.8690200 1334.8690973
-0.0000773	-0.0003000	0.0000000		
5781: 50	18 33	1 49 18 32	0	1335.1223100 1335.1228222
-0.0005122	-0.0003000	0.0000000		
5782: 51	18 34	1 50 18 33	0	1335.3758800 1335.3763182
-0.0004382	-0.0003000	0.0000000		

5783:	52	18	35	1	51	18	34	0	1335.6296600	1335.6295835
	0.0000765	-0.0003000	0.0000000							
5784:	61	18	44	1	60	18	43	0	1337.8984100	1337.8982510
	0.0001590	-0.0003000	0.0000000							
5785:	62	18	45	1	61	18	44	0	1338.1493200	1338.1490965
	0.0002235	-0.0003000	0.0000000							
5786:	63	18	46	1	62	18	45	0	1338.3996200	1338.3996888
	-0.0000688	-0.0003000	0.0000000							
5787:	64	18	47	1	63	18	46	0	1338.6496800	1338.6500256
	-0.0003456	-0.0003000	0.0000000							
5788:	65	18	48	1	64	18	47	0	1338.9003500	1338.9001050
	0.0002450	-0.0003000	0.0000000							
5789:	66	18	49	1	65	18	48	0	1339.1503800	1339.1499247
	0.0004553	-0.0003000	0.0000000							
5790:	67	18	50	1	66	18	49	0	1339.3992500	1339.3994826
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5791:	68	18	51	1	67	18	50	0	1339.6478800	1339.6487767
	-0.0008967	-0.0003000	0.0000000							
5792:	69	18	52	1	68	18	51	0	1339.8968600	1339.8978047
	-0.0009447	-0.0003000	0.0000000							
5793:	70	18	53	1	69	18	52	0	1340.1466200	1340.1465645
	0.0000555	-0.0003000	0.0000000							
5794:	71	18	54	1	70	18	53	0	1340.3956400	1340.3950539
	0.0005861	-0.0003000	0.0000000							
5795:	72	18	55	1	71	18	54	0	1340.6427800	1340.6432709
	-0.0004909	-0.0003000	0.0000000							
5796:	73	18	56	1	72	18	55	0	1340.8909600	1340.8912131
	-0.0002531	-0.0003000	0.0000000							
5797:	74	18	57	1	73	18	56	0	1341.1384900	1341.1388784
	-0.0003884	-0.0003000	0.0000000							
5798:	75	18	58	1	74	18	57	0	1341.3864700	1341.3862645
	0.0002055	-0.0003000	0.0000000							
5799:	76	18	59	1	75	18	58	0	1341.6331100	1341.6333694
	-0.0002594	-0.0003000	0.0000000							
5800:	78	18	61	1	77	18	60	0	1342.1264700	1342.1267261
	-0.0002561	-0.0003000	0.0000000							
5801:	79	18	62	1	78	18	61	0	1342.3734500	1342.3729736
	0.0004764	-0.0003000	0.0000000							
5802:	75	19	56	1	76	19	57	0	1301.5881600	1301.5879441
	0.0002159	-0.0003000	0.0000000							
5803:	74	19	55	1	75	19	56	0	1301.8557800	1301.8558643
	-0.0000843	-0.0003000	0.0000000							
5804:	73	19	54	1	74	19	55	0	1302.1237800	1302.1237796
	0.0000004	-0.0003000	0.0000000							
5805:	72	19	53	1	73	19	54	0	1302.3921200	1302.3916884
	0.0004316	-0.0003000	0.0000000							
5806:	68	19	49	1	69	19	50	0	1303.4633000	1303.4632264
	0.0000736	-0.0003000	0.0000000							
5807:	67	19	48	1	68	19	49	0	1303.7306600	1303.7310783
	-0.0004183	-0.0003000	0.0000000							
5808:	66	19	47	1	67	19	48	0	1303.9988900	1303.9989138
	-0.0000238	-0.0003000	0.0000000							
5809:	65	19	46	1	66	19	47	0	1304.2663700	1304.2667312
	-0.0003612	-0.0003000	0.0000000							
5810:	64	19	45	1	65	19	46	0	1304.5341400	1304.5345290
	-0.0003890	-0.0003000	0.0000000							
5811:	63	19	44	1	64	19	45	0	1304.8026400	1304.8023054
	0.0003346	-0.0003000	0.0000000							
5812:	62	19	43	1	63	19	44	0	1305.0702700	1305.0700588
	0.0002112	-0.0003000	0.0000000							
5813:	61	19	42	1	62	19	43	0	1305.3376100	1305.3377874
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5814:	60	19	41	1	61	19	42	0	1305.6055200	1305.6054896
	0.0000304	-0.0003000	0.0000000							
5815:	58	19	39	1	59	19	40	0	1306.1398400	1306.1408081

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5816:	57	19	38	1 58 19 39 0
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5817:	56	19	37	1 57 19 38 0
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5818:	55	19	36	1 56 19 37 0
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5819:	54	19	35	1 55 19 36 0
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5820:	53	19	34	1 54 19 35 0
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5821:	52	19	33	1 53 19 34 0
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5822:	51	19	32	1 52 19 33 0
0.0002171	-0.0003000	0.0000000	1308.0135600	1308.0133429
5823:	50	19	31	1 51 19 32 0
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5824:	49	19	30	1 50 19 31 0
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5825:	48	19	29	1 49 19 30 0
-0.0002115	-0.0003000	0.0000000	1308.8150300	1308.8152415
5826:	47	19	28	1 48 19 29 0
-0.0000064	-0.0003000	0.0000000	1309.0824400	1309.0824464
5827:	46	19	27	1 47 19 28 0
-0.0003410	-0.0003000	0.0000000	1309.3492600	1309.3496010
5828:	44	19	25	1 45 19 26 0
0.0001673	-0.0003000	0.0000000	1309.8839200	1309.8837527
5829:	43	19	24	1 44 19 25 0
0.0003936	-0.0003000	0.0000000	1310.1511400	1310.1507464
5830:	42	19	23	1 43 19 24 0
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5831:	41	19	22	1 42 19 23 0
-0.0003607	-0.0003000	0.0000000	1310.6842000	1310.6845607
5832:	40	19	21	1 41 19 22 0
0.0001521	-0.0003000	0.0000000	1310.9515300	1310.9513779
5833:	39	19	20	1 40 19 21 0
0.0001172	-0.0003000	0.0000000	1311.2182500	1311.2181328
5834:	38	19	19	1 39 19 20 0
0.0001363	-0.0003000	0.0000000	1311.4849600	1311.4848237
5835:	37	19	18	1 38 19 19 0
0.0002812	-0.0003000	0.0000000	1311.7517300	1311.7514488
5836:	36	19	17	1 37 19 18 0
0.0003335	-0.0003000	0.0000000	1312.0183400	1312.0180065
5837:	35	19	16	1 36 19 17 0
0.0002151	-0.0003000	0.0000000	1312.2847100	1312.2844949
5838:	34	19	15	1 35 19 16 0
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5839:	33	19	14	1 34 19 15 0
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5840:	32	19	13	1 33 19 14 0
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5841:	31	19	12	1 32 19 13 0
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5842:	30	19	11	1 31 19 12 0
0.0001523	-0.0003000	0.0000000	1313.6159900	1313.6158377
5843:	29	19	10	1 30 19 11 0
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5844:	28	19	9	1 29 19 10 0
0.0001408	-0.0003000	0.0000000	1314.1479700	1314.1478292
5845:	27	19	8	1 28 19 9 0
0.0000690	-0.0003000	0.0000000	1314.4137700	1314.4137010
5846:	26	19	7	1 27 19 8 0
0.0002322	-0.0003000	0.0000000	1314.6797200	1314.6794878
5847:	24	19	5	1 25 19 6 0
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5848:	23	19	4	1	24	19	5	0	1315.4763000	1315.4763212
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5849:	22	19	3	1	23	19	4	0	1315.7415600	1315.7417507
-0.0001907	-0.0003000	0.0000000								
5850:	24	19	5	1	23	19	4	0	1328.0796500	1328.0802913
-0.0006413	-0.0003000	0.0000000								
5851:	25	19	6	1	24	19	5	0	1328.3390400	1328.3391950
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5852:	26	19	7	1	25	19	6	0	1328.5979100	1328.5979176
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5853:	27	19	8	1	26	19	7	0	1328.8559400	1328.8564574
-0.0005174	-0.0003000	0.0000000								
5854:	30	19	11	1	29	19	10	0	1329.6305000	1329.6309602
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5855:	31	19	12	1	30	19	11	0	1329.8882500	1329.8887493
-0.0004993	-0.0003000	0.0000000								
5856:	32	19	13	1	31	19	12	0	1330.1466100	1330.1463460
0.0002640	-0.0003000	0.0000000								
5857:	33	19	14	1	32	19	13	0	1330.4033000	1330.4037483
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5858:	34	19	15	1	33	19	14	0	1330.6609300	1330.6609543
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5859:	35	19	16	1	34	19	15	0	1330.9174000	1330.9179620
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5863:	40	19	21	1	39	19	20	0	1332.1999800	1332.1999589
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5864:	41	19	22	1	40	19	21	0	1332.4557500	1332.4557363
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5865:	42	19	23	1	41	19	22	0	1332.7110400	1332.7113016
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5866:	43	19	24	1	42	19	23	0	1332.9670100	1332.9666530
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5867:	44	19	25	1	43	19	24	0	1333.2214100	1333.2217885
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5868:	46	19	27	1	45	19	26	0	1333.7311300	1333.7314037
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5871:	50	19	31	1	49	19	30	0	1334.7480800	1334.7479548
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5875:	54	19	35	1	53	19	34	0	1335.7604000	1335.7608250
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5876:	55	19	36	1	54	19	35	0	1336.0136900	1336.0134520
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5877:	56	19	37	1	55	19	36	0	1336.2658700	1336.2658387
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5878:	57	19	38	1	56	19	37	0	1336.5177300	1336.5179830
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5879:	58	19	39	1	57	19	38	0	1336.7691000	1336.7698828
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5883: 62	19 43	1 61 19 42	0	1337.7753100 1337.7749945
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5892: 73	19 55	1 74 19 56	0	1302.1237800 1302.1237796
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5922:	38	19	20	1	39	19	21	0	1311.4849600	1311.4848237
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5923:	37	19	19	1	38	19	20	0	1311.7517300	1311.7514488
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5924:	36	19	18	1	37	19	19	0	1312.0183400	1312.0180065
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5925:	35	19	17	1	36	19	18	0	1312.2847100	1312.2844949
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5926:	34	19	16	1	35	19	17	0	1312.5506900	1312.5509124
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5927:	33	19	15	1	34	19	16	0	1312.8167500	1312.8172571
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5958:	49	19	31	1 48 19 30 0
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5961:	52	19	34	1 51 19 33 0
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5962:	53	19	35	1 52 19 34 0
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5964:	55	19	37	1 54 19 36 0
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5965:	56	19	38	1 55 19 37 0
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5966:	57	19	39	1 56 19 38 0
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5972:	65	19	47	1 64 19 46 0
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6027: 60	20 40 1 59 20 39 0		1336.8805000	1336.8799768
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6028: 63	20 43 1 62 20 42 0		1337.6328100	1337.6328909
-0.0000809	-0.0003000	0.0000000		
6029: 64	20 44 1 63 20 43 0		1337.8829400	1337.8833479
-0.0004079	-0.0003000	0.0000000		
6030: 65	20 45 1 64 20 44 0		1338.1332900	1338.1335440
-0.0002540	-0.0003000	0.0000000		
6031: 67	20 47 1 66 20 46 0		1338.6323200	1338.6331451
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6032: 69	20 49 1 68 20 48 0		1339.1316800	1339.1316765
0.0000035	-0.0003000	0.0000000		
6033: 71	20 51 1 70 20 50 0		1339.6289600	1339.6291201
-0.0001601	-0.0003000	0.0000000		
6034: 74	20 54 1 73 20 53 0		1340.3725500	1340.3732069
-0.0006569	-0.0003000	0.0000000		
6035: 69	20 50 1 70 20 51 0		1302.7946500	1302.7939220
0.0007280	-0.0003000	0.0000000		
6036: 68	20 49 1 69 20 50 0		1303.0614400	1303.0617926
-0.0003526	-0.0003000	0.0000000		
6037: 67	20 48 1 68 20 49 0		1303.3297100	1303.3296494
0.0000606	-0.0003000	0.0000000		
6038: 66	20 47 1 67 20 48 0		1303.5977800	1303.5974909
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6039: 63	20 44 1 64 20 45 0		1304.4006400	1304.4009069
-0.0002669	-0.0003000	0.0000000		
6040: 62	20 43 1 63 20 44 0		1304.6684900	1304.6686706
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6041: 61	20 42 1 62 20 43 0		1304.9366800	1304.9364107
0.0002693	-0.0003000	0.0000000		
6042: 60	20 41 1 61 20 42 0		1305.2044000	1305.2041255
0.0002745	-0.0003000	0.0000000		

6043:	59	20	40	1	60	20	41	0	1305.4719800	1305.4718134
	0.0001666	-0.0003000	0.0000000							
6044:	58	20	39	1	59	20	40	0	1305.7393200	1305.7394726
	-0.0001526	-0.0003000	0.0000000							
6045:	57	20	38	1	58	20	39	0	1306.0073000	1306.0071016
	0.0001984	-0.0003000	0.0000000							
6046:	56	20	37	1	57	20	38	0	1306.2748000	1306.2746986
	0.0001014	-0.0003000	0.0000000							
6047:	55	20	36	1	56	20	37	0	1306.5420000	1306.5422619
	-0.0002619	-0.0003000	0.0000000							
6048:	54	20	35	1	55	20	36	0	1306.8102100	1306.8097899
	0.0004201	-0.0003000	0.0000000							
6049:	49	20	30	1	50	20	31	0	1308.1464800	1308.1468404
	-0.0003604	-0.0003000	0.0000000							
6050:	48	20	29	1	49	20	30	0	1308.4142300	1308.4141207
	0.0001093	-0.0003000	0.0000000							
6051:	47	20	28	1	48	20	29	0	1308.6817600	1308.6813538
	0.0004062	-0.0003000	0.0000000							
6052:	46	20	27	1	47	20	28	0	1308.9485400	1308.9485379
	0.0000021	-0.0003000	0.0000000							
6053:	45	20	26	1	46	20	27	0	1309.2157600	1309.2156714
	0.0000886	-0.0003000	0.0000000							
6054:	44	20	25	1	45	20	26	0	1309.4826200	1309.4827525
	-0.0001325	-0.0003000	0.0000000							
6055:	43	20	24	1	44	20	25	0	1309.7496200	1309.7497794
	-0.0001594	-0.0003000	0.0000000							
6056:	42	20	23	1	43	20	24	0	1310.0168900	1310.0167506
	0.0001394	-0.0003000	0.0000000							
6057:	41	20	22	1	42	20	23	0	1310.2837900	1310.2836642
	0.0001258	-0.0003000	0.0000000							
6058:	40	20	21	1	41	20	22	0	1310.5504400	1310.5505185
	-0.0000785	-0.0003000	0.0000000							
6059:	39	20	20	1	40	20	21	0	1310.8176500	1310.8173119
	0.0003381	-0.0003000	0.0000000							
6060:	38	20	19	1	39	20	20	0	1311.0842800	1311.0840424
	0.0002376	-0.0003000	0.0000000							
6061:	37	20	18	1	38	20	19	0	1311.3508400	1311.3507086
	0.0001314	-0.0003000	0.0000000							
6062:	36	20	17	1	37	20	18	0	1311.6168300	1311.6173085
	-0.0004785	-0.0003000	0.0000000							
6063:	35	20	16	1	36	20	17	0	1311.8837400	1311.8838404
	-0.0001004	-0.0003000	0.0000000							
6064:	34	20	15	1	35	20	16	0	1312.1496200	1312.1503027
	-0.0006827	-0.0003000	0.0000000							
6065:	33	20	14	1	34	20	15	0	1312.4165700	1312.4166935
	-0.0001235	-0.0003000	0.0000000							
6066:	32	20	13	1	33	20	14	0	1312.6826500	1312.6830112
	-0.0003612	-0.0003000	0.0000000							
6067:	31	20	12	1	32	20	13	0	1312.9494200	1312.9492539
	0.0001661	-0.0003000	0.0000000							
6068:	30	20	11	1	31	20	12	0	1313.2156300	1313.2154199
	0.0002101	-0.0003000	0.0000000							
6069:	22	20	3	1	21	20	2	0	1327.1668300	1327.1656286
	0.0012014	-0.0003000	0.0000000							
6070:	23	20	4	1	22	20	3	0	1327.4255700	1327.4249828
	0.0005872	-0.0003000	0.0000000							
6071:	24	20	5	1	23	20	4	0	1327.6846600	1327.6841600
	0.0005000	-0.0003000	0.0000000							
6072:	25	20	6	1	24	20	5	0	1327.9433800	1327.9431581
	0.0002219	-0.0003000	0.0000000							
6073:	26	20	7	1	25	20	6	0	1328.2026100	1328.2019752
	0.0006348	-0.0003000	0.0000000							
6074:	27	20	8	1	26	20	7	0	1328.4609100	1328.4606095
	0.0003005	-0.0003000	0.0000000							
6075:	45	20	26	1	44	20	25	0	1333.0824900	1333.0825201

-0.0000301	-0.0003000	0.0000000		
6076:	46	20 27 1 45 20 26 0	1333.3367700	1333.3373055
-0.0005355	-0.0003000	0.0000000		
6077:	47	20 28 1 46 20 27 0	1333.5915800	1333.5918683
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6078:	54	20 35 1 53 20 34 0	1335.3669900	1335.3673995
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6079:	55	20 36 1 54 20 35 0	1335.6201700	1335.6201063
0.0000637	-0.0003000	0.0000000		
6080:	56	20 37 1 55 20 36 0	1335.8730600	1335.8725718
0.0004882	-0.0003000	0.0000000		
6081:	57	20 38 1 56 20 37 0	1336.1245500	1336.1247937
-0.0002437	-0.0003000	0.0000000		
6082:	58	20 39 1 57 20 38 0	1336.3774900	1336.3767699
0.0007201	-0.0003000	0.0000000		
6083:	59	20 40 1 58 20 39 0	1336.6293400	1336.6284983
0.0008417	-0.0003000	0.0000000		
6084:	60	20 41 1 59 20 40 0	1336.8805000	1336.8799768
0.0005232	-0.0003000	0.0000000		
6085:	63	20 44 1 62 20 43 0	1337.6328100	1337.6328909
-0.0000809	-0.0003000	0.0000000		
6086:	64	20 45 1 63 20 44 0	1337.8829400	1337.8833479
-0.0004079	-0.0003000	0.0000000		
6087:	65	20 46 1 64 20 45 0	1338.1332900	1338.1335440
-0.0002540	-0.0003000	0.0000000		
6088:	67	20 48 1 66 20 47 0	1338.6323200	1338.6331451
-0.0008251	-0.0003000	0.0000000		
6089:	69	20 50 1 68 20 49 0	1339.1316800	1339.1316765
0.0000035	-0.0003000	0.0000000		
6090:	71	20 52 1 70 20 51 0	1339.6289600	1339.6291201
-0.0001601	-0.0003000	0.0000000		
6091:	74	20 55 1 73 20 54 0	1340.3725500	1340.3732069
-0.0006569	-0.0003000	0.0000000		
6092:	71	21 50 1 72 21 51 0	1301.8371900	1301.8375269
-0.0003369	-0.0003000	0.0000000		
6093:	70	21 49 1 71 21 50 0	1302.1053800	1302.1054248
-0.0000448	-0.0003000	0.0000000		
6094:	69	21 48 1 70 21 49 0	1302.3734800	1302.3733132
0.0001668	-0.0003000	0.0000000		
6095:	68	21 47 1 69 21 48 0	1302.6411800	1302.6411906
-0.0000106	-0.0003000	0.0000000		
6096:	67	21 46 1 68 21 47 0	1302.9088000	1302.9090553
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6097:	66	21 45 1 67 21 46 0	1303.1768400	1303.1769058
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6098:	65	21 44 1 66 21 45 0	1303.4444300	1303.4447403
-0.0003103	-0.0003000	0.0000000		
6099:	64	21 43 1 65 21 44 0	1303.7129900	1303.7125573
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6100:	60	21 39 1 61 21 40 0	1304.7830500	1304.7836165
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6101:	59	21 38 1 60 21 39 0	1305.0517000	1305.0513210
0.0003790	-0.0003000	0.0000000		
6102:	58	21 37 1 59 21 38 0	1305.3183300	1305.3189979
-0.0006679	-0.0003000	0.0000000		
6103:	57	21 36 1 58 21 37 0	1305.5871100	1305.5866457
0.0004643	-0.0003000	0.0000000		
6104:	56	21 35 1 57 21 36 0	1305.8547700	1305.8542627
0.0005073	-0.0003000	0.0000000		
6105:	55	21 34 1 56 21 35 0	1306.1217100	1306.1218472
-0.0001372	-0.0003000	0.0000000		
6106:	52	21 31 1 53 21 32 0	1306.9239600	1306.9243889
-0.0004289	-0.0003000	0.0000000		
6107:	50	21 29 1 51 21 30 0	1307.4597400	1307.4592233
0.0005167	-0.0003000	0.0000000		

6108:	48	21	27	1	49	21	28	0	1307.9937200	1307.9938874
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6109:	46	21	25	1	47	21	26	0	1308.5281200	1308.5283673
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6110:	45	21	24	1	46	21	25	0	1308.7957000	1308.7955340
0.0001660	-0.0003000	0.0000000								
6111:	44	21	23	1	45	21	24	0	1309.0630200	1309.0626495
0.0003705	-0.0003000	0.0000000								
6112:	43	21	22	1	44	21	23	0	1309.3299500	1309.3297122
0.0002378	-0.0003000	0.0000000								
6113:	42	21	21	1	43	21	22	0	1309.5965100	1309.5967203
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6114:	41	21	20	1	42	21	21	0	1309.8642900	1309.8636720
0.0006180	-0.0003000	0.0000000								
6115:	40	21	19	1	41	21	20	0	1310.1311400	1310.1305658
0.0005742	-0.0003000	0.0000000								
6116:	31	21	10	1	32	21	11	0	1312.5293900	1312.5297120
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6117:	30	21	9	1	31	21	10	0	1312.7955400	1312.7959298
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6118:	26	21	5	1	25	21	4	0	1327.7866000	1327.7871009
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6119:	27	21	6	1	26	21	5	0	1328.0457100	1328.0458346
-0.0001246	-0.0003000	0.0000000								
6120:	28	21	7	1	27	21	6	0	1328.3035500	1328.3043836
-0.0008336	-0.0003000	0.0000000								
6121:	30	21	9	1	29	21	8	0	1328.8208900	1328.8209196
-0.0000296	-0.0003000	0.0000000								
6122:	31	21	10	1	30	21	9	0	1329.0785400	1329.0789027
-0.0003627	-0.0003000	0.0000000								
6123:	32	21	11	1	31	21	10	0	1329.3372000	1329.3366932
0.0005068	-0.0003000	0.0000000								
6124:	40	21	19	1	39	21	18	0	1331.3918000	1331.3918436
-0.0000436	-0.0003000	0.0000000								
6125:	42	21	21	1	41	21	20	0	1331.9039000	1331.9035644
0.0003356	-0.0003000	0.0000000								
6126:	43	21	22	1	42	21	21	0	1332.1594800	1332.1591035
0.0003765	-0.0003000	0.0000000								
6127:	44	21	23	1	43	21	22	0	1332.4144200	1332.4144258
-0.0000058	-0.0003000	0.0000000								
6128:	45	21	24	1	44	21	23	0	1332.6696500	1332.6695291
0.0001209	-0.0003000	0.0000000								
6129:	47	21	26	1	46	21	25	0	1333.1788600	1333.1790704
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6130:	48	21	27	1	47	21	26	0	1333.4341400	1333.4335043
0.0006357	-0.0003000	0.0000000								
6131:	49	21	28	1	48	21	27	0	1333.6885700	1333.6877109
0.0008591	-0.0003000	0.0000000								
6132:	50	21	29	1	49	21	28	0	1333.9418400	1333.9416881
0.0001519	-0.0003000	0.0000000								
6133:	51	21	30	1	50	21	29	0	1334.1962500	1334.1954338
0.0008162	-0.0003000	0.0000000								
6134:	52	21	31	1	51	21	30	0	1334.4496300	1334.4489459
0.0006841	-0.0003000	0.0000000								
6135:	71	21	51	1	72	21	52	0	1301.8371900	1301.8375269
-0.0003369	-0.0003000	0.0000000								
6136:	70	21	50	1	71	21	51	0	1302.1053800	1302.1054248
-0.0000448	-0.0003000	0.0000000								
6137:	69	21	49	1	70	21	50	0	1302.3734800	1302.3733132
0.0001668	-0.0003000	0.0000000								
6138:	68	21	48	1	69	21	49	0	1302.6411800	1302.6411906
-0.0000106	-0.0003000	0.0000000								
6139:	67	21	47	1	68	21	48	0	1302.9088000	1302.9090553
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6140:	66	21	46	1	67	21	47	0	1303.1768400	1303.1769058

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6141:	65	21 45 1 66 21 46 0	1303.4444300	1303.4447403
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6142:	64	21 44 1 65 21 45 0	1303.7129900	1303.7125573
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6143:	60	21 40 1 61 21 41 0	1304.7830500	1304.7836165
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6144:	59	21 39 1 60 21 40 0	1305.0517000	1305.0513210
0.0003790	-0.0003000	0.0000000		
6145:	58	21 38 1 59 21 39 0	1305.3183300	1305.3189979
-0.0006679	-0.0003000	0.0000000		
6146:	57	21 37 1 58 21 38 0	1305.5871100	1305.5866457
0.0004643	-0.0003000	0.0000000		
6147:	56	21 36 1 57 21 37 0	1305.8547700	1305.8542627
0.0005073	-0.0003000	0.0000000		
6148:	55	21 35 1 56 21 36 0	1306.1217100	1306.1218472
-0.0001372	-0.0003000	0.0000000		
6149:	52	21 32 1 53 21 33 0	1306.9239600	1306.9243889
-0.0004289	-0.0003000	0.0000000		
6150:	50	21 30 1 51 21 31 0	1307.4597400	1307.4592233
0.0005167	-0.0003000	0.0000000		
6151:	48	21 28 1 49 21 29 0	1307.9937200	1307.9938874
-0.0001674	-0.0003000	0.0000000		
6152:	46	21 26 1 47 21 27 0	1308.5281200	1308.5283673
-0.0002473	-0.0003000	0.0000000		
6153:	45	21 25 1 46 21 26 0	1308.7957000	1308.7955340
0.0001660	-0.0003000	0.0000000		
6154:	44	21 24 1 45 21 25 0	1309.0630200	1309.0626495
0.0003705	-0.0003000	0.0000000		
6155:	43	21 23 1 44 21 24 0	1309.3299500	1309.3297122
0.0002378	-0.0003000	0.0000000		
6156:	42	21 22 1 43 21 23 0	1309.5965100	1309.5967203
-0.0002103	-0.0003000	0.0000000		
6157:	41	21 21 1 42 21 22 0	1309.8642900	1309.8636720
0.0006180	-0.0003000	0.0000000		
6158:	40	21 20 1 41 21 21 0	1310.1311400	1310.1305658
0.0005742	-0.0003000	0.0000000		
6159:	31	21 11 1 32 21 12 0	1312.5293900	1312.5297120
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6160:	30	21 10 1 31 21 11 0	1312.7955400	1312.7959298
-0.0003898	-0.0003000	0.0000000		
6161:	26	21 6 1 25 21 5 0	1327.7866000	1327.7871009
-0.0005009	-0.0003000	0.0000000		
6162:	27	21 7 1 26 21 6 0	1328.0457100	1328.0458346
-0.0001246	-0.0003000	0.0000000		
6163:	28	21 8 1 27 21 7 0	1328.3035500	1328.3043836
-0.0008336	-0.0003000	0.0000000		
6164:	30	21 10 1 29 21 9 0	1328.8208900	1328.8209196
-0.0000296	-0.0003000	0.0000000		
6165:	31	21 11 1 30 21 10 0	1329.0785400	1329.0789027
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6166:	32	21 12 1 31 21 11 0	1329.3372000	1329.3366932
0.0005068	-0.0003000	0.0000000		
6167:	40	21 20 1 39 21 19 0	1331.3918000	1331.3918436
-0.0000436	-0.0003000	0.0000000		
6168:	42	21 22 1 41 21 21 0	1331.9039000	1331.9035644
0.0003356	-0.0003000	0.0000000		
6169:	43	21 23 1 42 21 22 0	1332.1594800	1332.1591035
0.0003765	-0.0003000	0.0000000		
6170:	44	21 24 1 43 21 23 0	1332.4144200	1332.4144258
-0.0000058	-0.0003000	0.0000000		
6171:	45	21 25 1 44 21 24 0	1332.6696500	1332.6695291
0.0001209	-0.0003000	0.0000000		
6172:	47	21 27 1 46 21 26 0	1333.1788600	1333.1790704
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6173:	48	21	28	1	47	21	27	0	1333.4341400	1333.4335043
0.0006357	-0.0003000	0.0000000								
6174:	49	21	29	1	48	21	28	0	1333.6885700	1333.6877109
0.0008591	-0.0003000	0.0000000								
6175:	50	21	30	1	49	21	29	0	1333.9418400	1333.9416881
0.0001519	-0.0003000	0.0000000								
6176:	51	21	31	1	50	21	30	0	1334.1962500	1334.1954338
0.0008162	-0.0003000	0.0000000								
6177:	52	21	32	1	51	21	31	0	1334.4496300	1334.4489459
0.0006841	-0.0003000	0.0000000								
6178:	74	22	52	1	75	22	53	0	1300.5947800	1300.5941956
0.0005844	-0.0003000	0.0000000								
6179:	73	22	51	1	74	22	52	0	1300.8629800	1300.8621158
0.0008642	-0.0003000	0.0000000								
6180:	70	22	48	1	71	22	49	0	1301.6664800	1301.6658482
0.0006318	-0.0003000	0.0000000								
6181:	69	22	47	1	70	22	48	0	1301.9347300	1301.9337443
0.0009857	-0.0003000	0.0000000								
6182:	66	22	44	1	67	22	45	0	1302.7377400	1302.7373661
0.0003739	-0.0003000	0.0000000								
6183:	65	22	43	1	66	22	44	0	1303.0046400	1303.0052124
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6184:	64	22	42	1	65	22	43	0	1303.2723600	1303.2730422
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6185:	63	22	41	1	64	22	42	0	1303.5406500	1303.5408539
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6186:	62	22	40	1	63	22	41	0	1303.8087500	1303.8086458
0.0001042	-0.0003000	0.0000000								
6187:	61	22	39	1	62	22	40	0	1304.0772200	1304.0764164
0.0008036	-0.0003000	0.0000000								
6188:	60	22	38	1	61	22	39	0	1304.3449000	1304.3441638
0.0007362	-0.0003000	0.0000000								
6189:	59	22	37	1	60	22	38	0	1304.6122700	1304.6118866
0.0003834	-0.0003000	0.0000000								
6190:	58	22	36	1	59	22	37	0	1304.8788600	1304.8795830
-0.0007230	-0.0003000	0.0000000								
6191:	57	22	35	1	58	22	36	0	1305.1472200	1305.1472514
-0.0000314	-0.0003000	0.0000000								
6192:	56	22	34	1	57	22	35	0	1305.4146300	1305.4148902
-0.0002602	-0.0003000	0.0000000								
6193:	54	22	32	1	55	22	33	0	1305.9490500	1305.9500719
-0.0010219	-0.0003000	0.0000000								
6194:	53	22	31	1	54	22	32	0	1306.2174000	1306.2176117
-0.0002117	-0.0003000	0.0000000								
6195:	52	22	30	1	53	22	31	0	1306.4849000	1306.4851150
-0.0002150	-0.0003000	0.0000000								
6196:	51	22	29	1	52	22	30	0	1306.7521300	1306.7525803
-0.0004503	-0.0003000	0.0000000								
6197:	50	22	28	1	51	22	29	0	1307.0203400	1307.0200059
0.0003341	-0.0003000	0.0000000								
6198:	49	22	27	1	50	22	28	0	1307.2871200	1307.2873900
-0.0002700	-0.0003000	0.0000000								
6199:	48	22	26	1	49	22	27	0	1307.5549200	1307.5547311
0.0001889	-0.0003000	0.0000000								
6200:	47	22	25	1	48	22	26	0	1307.8218700	1307.8220273
-0.0001573	-0.0003000	0.0000000								
6201:	46	22	24	1	47	22	25	0	1308.0896700	1308.0892770
0.0003930	-0.0003000	0.0000000								
6202:	47	22	25	1	46	22	24	0	1332.7475200	1332.7476215
-0.0001015	-0.0003000	0.0000000								
6203:	48	22	26	1	47	22	25	0	1333.0022100	1333.0021597
0.0000503	-0.0003000	0.0000000								
6204:	49	22	27	1	48	22	26	0	1333.2559500	1333.2564703
-0.0005203	-0.0003000	0.0000000								
6205:	50	22	28	1	49	22	27	0	1333.5095500	1333.5105512

-0.0010012	-0.0003000	0.0000000		
6206:	52	22 30	1 51 22 29	0
1334.0175900				1334.0180154
-0.0004254	-0.0003000	0.0000000		
6207:	54	22 32	1 53 22 31	0
1334.5242300				1334.5245349
-0.0003049	-0.0003000	0.0000000		
6208:	56	22 34	1 55 22 33	0
1335.0293900				1335.0300926
-0.0007026	-0.0003000	0.0000000		
6209:	58	22 36	1 57 22 35	0
1335.5348900				1335.5346709
0.0002191	-0.0003000	0.0000000		
6210:	74	22 53	1 75 22 54	0
1300.5947800				1300.5941956
0.0005844	-0.0003000	0.0000000		
6211:	73	22 52	1 74 22 53	0
1300.8629800				1300.8621158
0.0008642	-0.0003000	0.0000000		
6212:	70	22 49	1 71 22 50	0
1301.6664800				1301.6658482
0.0006318	-0.0003000	0.0000000		
6213:	69	22 48	1 70 22 49	0
1301.9347300				1301.9337443
0.0009857	-0.0003000	0.0000000		
6214:	66	22 45	1 67 22 46	0
1302.7377400				1302.7373661
0.0003739	-0.0003000	0.0000000		
6215:	65	22 44	1 66 22 45	0
1303.0046400				1303.0052124
-0.0005724	-0.0003000	0.0000000		
6216:	64	22 43	1 65 22 44	0
1303.2723600				1303.2730422
-0.0006822	-0.0003000	0.0000000		
6217:	63	22 42	1 64 22 43	0
1303.5406500				1303.5408539
-0.0002039	-0.0003000	0.0000000		
6218:	62	22 41	1 63 22 42	0
1303.8087500				1303.8086458
0.0001042	-0.0003000	0.0000000		
6219:	61	22 40	1 62 22 41	0
1304.0772200				1304.0764164
0.0008036	-0.0003000	0.0000000		
6220:	60	22 39	1 61 22 40	0
1304.3449000				1304.3441638
0.0007362	-0.0003000	0.0000000		
6221:	59	22 38	1 60 22 39	0
1304.6122700				1304.6118866
0.0003834	-0.0003000	0.0000000		
6222:	58	22 37	1 59 22 38	0
1304.8788600				1304.8795830
-0.0007230	-0.0003000	0.0000000		
6223:	57	22 36	1 58 22 37	0
1305.1472200				1305.1472514
-0.0000314	-0.0003000	0.0000000		
6224:	56	22 35	1 57 22 36	0
1305.4146300				1305.4148902
-0.0002602	-0.0003000	0.0000000		
6225:	54	22 33	1 55 22 34	0
1305.9490500				1305.9500719
-0.0010219	-0.0003000	0.0000000		
6226:	53	22 32	1 54 22 33	0
1306.2174000				1306.2176117
-0.0002117	-0.0003000	0.0000000		
6227:	52	22 31	1 53 22 32	0
1306.4849000				1306.4851150
-0.0002150	-0.0003000	0.0000000		
6228:	51	22 30	1 52 22 31	0
1306.7521300				1306.7525803
-0.0004503	-0.0003000	0.0000000		
6229:	50	22 29	1 51 22 30	0
1307.0203400				1307.0200059
0.0003341	-0.0003000	0.0000000		
6230:	49	22 28	1 50 22 29	0
1307.2871200				1307.2873900
-0.0002700	-0.0003000	0.0000000		
6231:	48	22 27	1 49 22 28	0
1307.5549200				1307.5547311
0.0001889	-0.0003000	0.0000000		
6232:	47	22 26	1 48 22 27	0
1307.8218700				1307.8220273
-0.0001573	-0.0003000	0.0000000		
6233:	46	22 25	1 47 22 26	0
1308.0896700				1308.0892770
0.0003930	-0.0003000	0.0000000		
6234:	47	22 26	1 46 22 25	0
1332.7475200				1332.7476215
-0.0001015	-0.0003000	0.0000000		
6235:	48	22 27	1 47 22 26	0
1333.0022100				1333.0021597
0.0000503	-0.0003000	0.0000000		
6236:	49	22 28	1 48 22 27	0
1333.2559500				1333.2564703
-0.0005203	-0.0003000	0.0000000		
6237:	50	22 29	1 49 22 28	0
1333.5095500				1333.5105512
-0.0010012	-0.0003000	0.0000000		

6238:	52	22	31	1	51	22	30	0	1334.0175900	1334.0180154
-0.0004254	-0.0003000	0.0000000								
6239:	54	22	33	1	53	22	32	0	1334.5242300	1334.5245349
-0.0003049	-0.0003000	0.0000000								
6240:	56	22	35	1	55	22	34	0	1335.0293900	1335.0300926
-0.0007026	-0.0003000	0.0000000								
6241:	58	22	37	1	57	22	36	0	1335.5348900	1335.5346709
0.0002191	-0.0003000	0.0000000								
6242:	66	23	43	1	67	23	44	0	1302.2792700	1302.2790724
0.0001976	-0.0003000	0.0000000								
6243:	65	23	42	1	66	23	43	0	1302.5468300	1302.5469314
-0.0001014	-0.0003000	0.0000000								
6244:	64	23	41	1	65	23	42	0	1302.8144100	1302.8147749
-0.0003649	-0.0003000	0.0000000								
6245:	59	23	36	1	60	23	37	0	1304.1540000	1304.1537043
0.0002957	-0.0003000	0.0000000								
6246:	55	23	32	1	56	23	33	0	1305.2240500	1305.2244035
-0.0003535	-0.0003000	0.0000000								
6247:	54	23	31	1	55	23	32	0	1305.4921600	1305.4920029
0.0001571	-0.0003000	0.0000000								
6248:	53	23	30	1	54	23	31	0	1305.7598400	1305.7595687
0.0002713	-0.0003000	0.0000000								
6249:	52	23	29	1	53	23	30	0	1306.0268300	1306.0270994
-0.0002694	-0.0003000	0.0000000								
6250:	51	23	28	1	52	23	29	0	1306.2948200	1306.2945932
0.0002268	-0.0003000	0.0000000								
6251:	49	23	26	1	50	23	27	0	1306.8298600	1306.8294634
0.0003966	-0.0003000	0.0000000								
6252:	46	23	23	1	47	23	24	0	1307.6309500	1307.6314502
-0.0005002	-0.0003000	0.0000000								
6253:	45	23	22	1	46	23	23	0	1307.8990100	1307.8986874
0.0003226	-0.0003000	0.0000000								
6254:	44	23	21	1	45	23	22	0	1308.1661500	1308.1658758
0.0002742	-0.0003000	0.0000000								
6255:	42	23	19	1	43	23	20	0	1308.6997800	1308.7000998
-0.0003198	-0.0003000	0.0000000								
6256:	41	23	18	1	42	23	19	0	1308.9667000	1308.9671318
-0.0004318	-0.0003000	0.0000000								
6257:	39	23	16	1	40	23	17	0	1309.5014600	1309.5010274
0.0004326	-0.0003000	0.0000000								
6258:	37	23	14	1	38	23	15	0	1310.0347500	1310.0346869
0.0000631	-0.0003000	0.0000000								
6259:	36	23	13	1	37	23	14	0	1310.3019500	1310.3014238
0.0005262	-0.0003000	0.0000000								
6260:	31	23	8	1	30	23	7	0	1328.1944800	1328.1940286
0.0004514	-0.0003000	0.0000000								
6261:	33	23	10	1	32	23	9	0	1328.7103600	1328.7098442
0.0005158	-0.0003000	0.0000000								
6262:	34	23	11	1	33	23	10	0	1328.9673000	1328.9674589
-0.0001589	-0.0003000	0.0000000								
6263:	35	23	12	1	34	23	11	0	1329.2245200	1329.2248753
-0.0003553	-0.0003000	0.0000000								
6264:	37	23	14	1	36	23	13	0	1329.7385800	1329.7391052
-0.0005252	-0.0003000	0.0000000								
6265:	39	23	16	1	38	23	15	0	1330.2520800	1330.2525175
-0.0004375	-0.0003000	0.0000000								
6266:	40	23	17	1	39	23	16	0	1330.5094100	1330.5089118
0.0004982	-0.0003000	0.0000000								
6267:	44	23	21	1	43	23	20	0	1331.5322800	1331.5323615
-0.0000815	-0.0003000	0.0000000								
6268:	45	23	22	1	44	23	21	0	1331.7882300	1331.7876814
0.0005486	-0.0003000	0.0000000								
6269:	46	23	23	1	45	23	22	0	1332.0427300	1332.0427802
-0.0000502	-0.0003000	0.0000000								
6270:	47	23	24	1	46	23	23	0	1332.2971700	1332.2976555

-0.0004855	-0.0003000	0.0000000							
6271: 49	23	26	1	48	23	25	0	1332.8067200	1332.8067276
-0.0000076	-0.0003000	0.0000000							
6272: 50	23	27	1	49	23	26	0	1333.0609200	1333.0609201
-0.0000001	-0.0003000	0.0000000							
6273: 66	23	44	1	67	23	45	0	1302.2792700	1302.2790724
0.0001976	-0.0003000	0.0000000							
6274: 65	23	43	1	66	23	44	0	1302.5468300	1302.5469314
-0.0001014	-0.0003000	0.0000000							
6275: 64	23	42	1	65	23	43	0	1302.8144100	1302.8147749
-0.0003649	-0.0003000	0.0000000							
6276: 59	23	37	1	60	23	38	0	1304.1540000	1304.1537043
0.0002957	-0.0003000	0.0000000							
6277: 55	23	33	1	56	23	34	0	1305.2240500	1305.2244035
-0.0003535	-0.0003000	0.0000000							
6278: 54	23	32	1	55	23	33	0	1305.4921600	1305.4920029
0.0001571	-0.0003000	0.0000000							
6279: 53	23	31	1	54	23	32	0	1305.7598400	1305.7595687
0.0002713	-0.0003000	0.0000000							
6280: 52	23	30	1	53	23	31	0	1306.0268300	1306.0270994
-0.0002694	-0.0003000	0.0000000							
6281: 51	23	29	1	52	23	30	0	1306.2948200	1306.2945932
0.0002268	-0.0003000	0.0000000							
6282: 49	23	27	1	50	23	28	0	1306.8298600	1306.8294634
0.0003966	-0.0003000	0.0000000							
6283: 46	23	24	1	47	23	25	0	1307.6309500	1307.6314502
-0.0005002	-0.0003000	0.0000000							
6284: 45	23	23	1	46	23	24	0	1307.8990100	1307.8986874
0.0003226	-0.0003000	0.0000000							
6285: 44	23	22	1	45	23	23	0	1308.1661500	1308.1658758
0.0002742	-0.0003000	0.0000000							
6286: 42	23	20	1	43	23	21	0	1308.6997800	1308.7000998
-0.0003198	-0.0003000	0.0000000							
6287: 41	23	19	1	42	23	20	0	1308.9667000	1308.9671318
-0.0004318	-0.0003000	0.0000000							
6288: 39	23	17	1	40	23	18	0	1309.5014600	1309.5010274
0.0004326	-0.0003000	0.0000000							
6289: 37	23	15	1	38	23	16	0	1310.0347500	1310.0346869
0.0000631	-0.0003000	0.0000000							
6290: 36	23	14	1	37	23	15	0	1310.3019500	1310.3014238
0.0005262	-0.0003000	0.0000000							
6291: 31	23	9	1	30	23	8	0	1328.1944800	1328.1940286
0.0004514	-0.0003000	0.0000000							
6292: 33	23	11	1	32	23	10	0	1328.7103600	1328.7098442
0.0005158	-0.0003000	0.0000000							
6293: 34	23	12	1	33	23	11	0	1328.9673000	1328.9674589
-0.0001589	-0.0003000	0.0000000							
6294: 35	23	13	1	34	23	12	0	1329.2245200	1329.2248753
-0.0003553	-0.0003000	0.0000000							
6295: 37	23	15	1	36	23	14	0	1329.7385800	1329.7391052
-0.0005252	-0.0003000	0.0000000							
6296: 39	23	17	1	38	23	16	0	1330.2520800	1330.2525175
-0.0004375	-0.0003000	0.0000000							
6297: 40	23	18	1	39	23	17	0	1330.5094100	1330.5089118
0.0004982	-0.0003000	0.0000000							
6298: 44	23	22	1	43	23	21	0	1331.5322800	1331.5323615
-0.0000815	-0.0003000	0.0000000							
6299: 45	23	23	1	44	23	22	0	1331.7882300	1331.7876814
0.0005486	-0.0003000	0.0000000							
6300: 46	23	24	1	45	23	23	0	1332.0427300	1332.0427802
-0.0000502	-0.0003000	0.0000000							
6301: 47	23	25	1	46	23	24	0	1332.2971700	1332.2976555
-0.0004855	-0.0003000	0.0000000							
6302: 49	23	27	1	48	23	26	0	1332.8067200	1332.8067276
-0.0000076	-0.0003000	0.0000000							

6303: 50 23 28 1 49 23 27 0 1333.0609200 1333.0609201
-0.0000001 -0.0003000 0.0000000
NORMALIZED DIAGONAL:
1 4.83919E-002 2 3.75545E-001 3 3.28764E-001 4
1.56460E-001 5 8.73438E-003 6 1.00000E+000
7 4.69145E-002 8 9.24377E-001 9 3.75443E-002 10
2.44655E-001 11 3.07832E-003 12 7.23382E-001
13 1.92281E-001 14 5.63008E-002 15 8.94818E-002 16
6.58279E-003 17 8.24293E-002 18 2.04901E-002
19 9.99893E-001 20 1.75384E-002 21 6.45145E-001 22
1.94572E-002 23 1.06682E-001 24 9.90330E-001
25 9.67464E-001

MARQUARDT PARAMETER = 0, TRUST EXPANSION = 1.00
NEW PARAMETER (EST. ERROR) -- CHANGE

THIS ITERATION			NEW PARAMETER (EST. ERROR)	CHANGE
1	10000	A	41723.4365(246)	0.0000
2	20000	B	4114.24394(258)	-0.00000
3	30000	C	3738.58308(242)	0.00000
4	200	-DJ	-2.63566(91)E-03	
0.00000E-03				
5	1100	-DJK	0.0397888(255)	-0.0000000
6	2000	-DK	-1.66585(33)	-0.00000
7	40100	-delj	-0.362778(160)E-03	
0.000000E-03				
8	41000	-delk	-0.018390(177)	0.000000
9	1200	HJK	0.05130(216)E-06	
-0.00000E-06				
10	2100	HKJ	-9.987(55)E-06	
0.000E-06				
11	3000	HK	0.28492(142)E-03	
0.00000E-03				
12	11	E	39739681.00(41)	0.00
13	10011	A	41403.7555(259)	0.0000
14	20011	B	4113.24183(264)	-0.00000
15	30011	C	3735.32703(248)	0.00000
16	211	-DJ	-2.64589(91)E-03	
0.00000E-03				
17	1111	-DJK	0.0400651(260)	-0.0000000
18	2011	-DK	-1.64902(34)	-0.00000
19	40111	-delj	-0.367111(159)E-03	
0.000000E-03				
20	41011	-delk	-0.018384(173)	0.000000
21	1211	HJK	0.05131(217)E-06	
-0.00000E-06				
22	2111	HKJ	-9.949(56)E-06	
0.000E-06				
23	3011	HK	0.28164(143)E-03	
0.00000E-03				
24	300	HJ	0.698(64)E-09	
0.000E-09				
25	4000	-LK	-0.05612(175)E-06	
-0.00000E-06				

MICROWAVE AVG = -0.016920 MHz, IR AVG = -0.00000
 MICROWAVE RMS = 0.367410 MHz, IR RMS = 0.00027
 END OF ITERATION 1 OLD, NEW RMS ERROR= 0.92372 0.92372

1	2	0.808727	1	3	0.847803	1	4	-0.419784	1	5	-0.255208	1	6
-0.488303	1	7	0.056411	1	8	0.016866	1	9	0.210378				
1	10	0.136530	1	11	0.338928	1	12	-0.072440	1	13	0.958981	1	14
0.792937	1	15	0.835011	1	16	-0.421774	1	17	-0.251762				
1	18	-0.482573	1	19	0.058002	1	20	0.016023	1	21	0.207867	1	22
0.136085	1	23	0.337651	1	24	0.345168	1	25	-0.280640				
2	1	0.808727	2	3	0.928451	2	4	-0.651370	2	5	-0.129369	2	6
-0.410555	2	7	-0.020251	2	8	-0.158945	2	9	0.202882				
2	10	0.036783	2	11	0.285779	2	12	-0.054137	2	13	0.770538	2	14
0.976666	2	15	0.912951	2	16	-0.651885	2	17	-0.126314				
2	18	-0.403777	2	19	-0.018629	2	20	-0.159645	2	21	0.199205	2	22
0.036166	2	23	0.284172	2	24	0.500402	2	25	-0.232613				
3	1	0.847803	3	2	0.928451	3	4	-0.512256	3	5	-0.116820	3	6
-0.449309	3	7	0.121153	3	8	0.179853	3	9	0.162663				
3	10	0.001559	3	11	0.315783	3	12	-0.060193	3	13	0.805542	3	14
0.906989	3	15	0.985806	3	16	-0.515351	3	17	-0.114717				
3	18	-0.440278	3	19	0.128064	3	20	0.178220	3	21	0.160179	3	22
0.002329	3	23	0.313405	3	24	0.518927	3	25	-0.256027				
4	1	-0.419784	4	2	-0.651370	4	3	-0.512256	4	5	-0.235873	4	6
0.327769	4	7	0.009157	4	8	0.475353	4	9	-0.146549				
4	10	0.170954	4	11	-0.239979	4	12	0.025183	4	13	-0.395589	4	14
-0.633535	4	15	-0.505682	4	16	0.998772	4	17	-0.231983				
4	18	0.320239	4	19	0.007535	4	20	0.476344	4	21	-0.146402	4	22
0.169558	4	23	-0.238203	4	24	-0.858772	4	25	0.193909				
5	1	-0.255208	5	2	-0.129369	5	3	-0.116820	5	4	-0.235873	5	6
-0.358553	5	7	-0.003838	5	8	-0.062270	5	9	-0.474881				
5	10	-0.812248	5	11	0.338794	5	12	0.090593	5	13	-0.285004	5	14
-0.144267	5	15	-0.118091	5	16	-0.231633	5	17	0.994480				
5	18	-0.335645	5	19	0.006482	5	20	-0.061158	5	21	-0.478272	5	22
-0.811141	5	23	0.332446	5	24	0.272667	5	25	-0.281355				
6	1	-0.488303	6	2	-0.410555	6	3	-0.449309	6	4	0.327769	6	5
-0.358553	6	7	-0.011880	6	8	-0.020171	6	9	0.087232				
6	10	0.354778	6	11	-0.959860	6	12	-0.002120	6	13	-0.486516	6	14
-0.391313	6	15	-0.441162	6	16	0.326970	6	17	-0.358804				
6	18	0.994393	6	19	-0.018388	6	20	-0.020536	6	21	0.093133	6	22
0.352556	6	23	-0.958410	6	24	-0.304481	6	25	0.901559				
7	1	0.056411	7	2	-0.020251	7	3	0.121153	7	4	0.009157	7	5
-0.003838	7	6	-0.011880	7	8	0.153502	7	9	-0.299313				
7	10	0.122709	7	11	-0.016922	7	12	-0.001028	7	13	0.047556	7	14
-0.005319	7	15	0.107988	7	16	0.004663	7	17	-0.004543				
7	18	-0.008472	7	19	0.981298	7	20	0.147957	7	21	-0.293735	7	22
0.119320	7	23	-0.017707	7	24	0.204493	7	25	0.018097				
8	1	0.016866	8	2	-0.158945	8	3	0.179853	8	4	0.475353	8	5
-0.062270	8	6	-0.020171	8	7	0.153502	8	9	-0.015242				
8	10	-0.058531	8	11	0.023989	8	12	-0.019265	8	13	0.014736	8	14
-0.157024	8	15	0.186949	8	16	0.468363	8	17	-0.063880				
8	18	-0.017471	8	19	0.172887	8	20	0.998401	8	21	-0.013134	8	22
-0.053839	8	23	0.022691	8	24	-0.063270	8	25	-0.018388				
9	1	0.210378	9	2	0.202882	9	3	0.162663	9	4	-0.146549	9	5
-0.474881	9	6	0.087232	9	7	-0.299313	9	8	-0.015242				
9	10	0.009096	9	11	-0.034207	9	12	-0.055812	9	13	0.229576	9	14
0.202173	9	15	0.162305	9	16	-0.145562	9	17	-0.471565				
9	18	0.073366	9	19	-0.298534	9	20	-0.012694	9	21	0.989684	9	22
0.020005	9	23	-0.031101	9	24	-0.020365	9	25	0.021367				
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10	18	0.334160	10	19	0.109715	10	20	-0.061122	10	21	0.023461	10	22
0.996889	10	23	-0.379417	10	24	-0.163134	10	25	0.329433				
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-0.116507 12 23 0.010565 12 24 -0.031800 12 25 -0.026766
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0.058682 14 23 0.267055 14 24 0.485410 14 25 -0.220271
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-0.399486 16 14 -0.640978 16 15 -0.510147 16 17 -0.225311
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-0.507284 18 14 -0.382781 18 15 -0.435089 18 16 0.319293
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19 1 0.058002 19 2 -0.018629 19 3 0.128064 19 4 0.007535 19 5
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nscl -predict delta A,B,C from OPCL-JMS 200, 287-89 (200Thu Jul 31
12:00:15 2003