



GOVERNO DO
ESTADO DO CEARÁ
Secretaria dos Recursos Hídricos

CONTRATO Nº 002/SRH/CE/2012



PROJETO EXECUTIVO DO 1º TRECHO
JATI / RIO CARIÚS DO CINTURÃO
DE ÁGUAS DO CEARÁ - CAC

RELATÓRIO FINAL - TEXTO
SERVIÇOS DE TOPOGRAFIA - VOLUME III/VI
RELATÓRIO AEROFOTOGRAFÉTRICO - TOMO III/III
RELATÓRIO DE AEROTRIANGULAÇÃO



0	07/05/2012	B	Emissão Inicial		
REVISÃO Nº	DATA	NATUREZA DA REVISÃO	DESCRIÇÃO DAS REVISÕES		
TIPO DE EMISSÃO	(A) PRELIMINAR	(D) PARA COTAÇÃO	(G) CONFORME CONSTRUIDO		
	(B) PARA APROVAÇÃO	(E) PARA CONSTRUÇÃO	(H) CANCELADO		
	(C) PARA CONHECIMENTO	(F) CONFORME COMPRADO	(I) DE TRABALHO		
					
PROJETO:			DATA:		
PROJETISTA:			DATA:		
VERIFICAÇÃO:			DATA:		
APROVAÇÃO:			DATA:		
	GOVERNO DO ESTADO DO CEARÁ				
	SECRETARIA DOS RECURSOS HÍDRICOS - SRH CINTURÃO DE ÁGUAS DO CEARÁ – CAC PROJETO EXECUTIVO DO TRECHO 1 – JATI-CARIUS				
SERVIÇOS AEROFOTOGRAMÉTRICO E CARTOGRÁFICO					
Título	RELATÓRIO DE AEROTRIANGULAÇÃO DATA (05/2012)				
	DATA	RUBRICA	APROVAÇÃO	DATA	RUBRICA
PROJETISTA			SRH-CE		
DESENHISTA			SRH-CE		
VERIFICADO					
			CLIENTE: SRH-CE		
ESCALA	DOCUMENTO Nº: CAC.PE-T1-REL-GRT1.RTR-AFM-001				REVISÃO
	PROJETISTA: VBA TECNOLOGIA E ENGENHARIA S/A				0
	CLIENTE: SRH-CE				



Título		Número		Folha																																						
RELATÓRIO DE AEROTRIANGULAÇÃO		CAC.PE-T1-REL-GRT1.RTR-AFM-001		2/295																																						
Esta folha índice indica em que revisão está cada folha na emissão citada																																										
Fl/Rev	0	1	2	3	4	5	6	7	Fl/Rev	0	1	2	3	4	5	6	7	Fl/Rev	0	1	2	3	4	5	6	7	Fl/Rev	0	1	2	3	4	5	6	7							
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2	X								37	X								72	X								107	X														
3	X								38	X								73	X								108	X														
4	X								39	X								74	X								109	X														
5	X								40	X								75	X								110	X														
6	X								41	X								76	X								111	X														
7	X								42	X								77	X								112	X														
8	X								43	X								78	X								113	X														
9	X								44	X								79	X								114	X														
10	X								45	X								80	X								115	X														
11	X								46	X								81	X								116	X														
12	X								47	X								82	X								117	X														
13	X								48	X								83	X								118	X														
14	X								49	X								84	X								119	X														
15	X								50	X								85	X								120	X														
16	X								51	X								86	X								121	X														
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18	X								53	X								88	X								123	X														
19	X								54	X								89	X								124	X														
20	X								55	X								90	X								125	X														
21	X								56	X								91	X								126	X														
22	X								57	X								92	X								127	X														
23	X								58	X								93	X								128	X														
24	X								59	X								94	X								129	X														
25	X								60	X								95	X								130	X														
26	X								61	X								96	X								131	X														
27	X								62	X								97	X								132	X														
28	X								63	X								98	X								133	X														
29	X								64	X								99	X								134	X														
30	X								65	X								100	X								135	X														
31	X								66	X								101	X								136	X														
32	X								67	X								102	X								137	X														
33	X								68	X								103	X								138	X														
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35	X								70	X								105	X								140	X														
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(B) Para Aprovação						(F) Conforme Comprado						()																														
(C) Para Conhecimento						(G) Conforme Construído						()																														
(D) Para Cotação						(H) Cancelado						()																														



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142	X								177	X								212	X								248	X							
143	X								178	X								213	X								248	X							
144	X								179	X								214	X								249	X							
145	X								180	X								215	X								250	X							
146	X								181	X								216	X								251	X							
147	X								182	X								217	X								252	X							
148	X								183	X								218	X								253	X							
149	X								184	X								219	X								254	X							
150	X								185	X								220	X								255	X							
151	X								186	X								221	X								256	X							
152	X								187	X								222	X								257	X							
153	X								188	X								223	X								258	X							
154	X								189	X								224	X								259	X							
155	X								190	X								225	X								260	X							
156	X								191	X								226	X								261	X							
157	X								192	X								227	X								262	X							
158	X								193	X								228	X								263	X							
159	X								194	X								229	X								264	X							
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162	X								197	X								232	X								267	X							
163	X								198	X								233	X								268	X							
164	X								199	X								234	X								269	X							
165	X								200	X								235	X								270	X							
166	X								201	X								236	X								271	X							
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172	X								207	X								242	X								277	X							
173	X								208	X								243	X								278	X							
174	X								209	X								244	X								279	X							
175	X								210	X								245	X								280	X							
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281	0								316									351									386														
282	X								317									352									387														
283	X								318									353									388														
284	X								319									354									389														
285	X								320									355									390														
286	X								321									356									391														
287	X								322									357									392														
288	X								323									358									393														
289	X								324									359									394														
290	X								325									360									395														
291	X								326									361									396														
292	X								327									362									397														
293	X								328									363									398														
294	X								329									364									399														
295	X								330									365									400														
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315									350									385									420														
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APRESENTAÇÃO

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Este volume representa o Relatório da Etapa de Aerotriangulação relativo ao serviço de levantamento aerofotogramétrico e perfilamento a laser do trecho Jati-Cariús, referente ao Projeto Cinturão das Águas do Ceará – CAC.

A aerotriangulação objetiva a determinação das coordenadas planialtimétricas dos pontos fotogramétricos necessários às operações de orientação dos modelos estéreo-fotogramétricos. A aerotriangulação foi processada a partir das imagens digitais com GSD (Ground Sample Distance) médio de 20 cm, originados do vôo aerofotogramétrico apoiado por rastreamento de satélites e por sistema inercial de navegação (IMU), em que empregou-se simultaneamente a câmara digital marca Leica modelo RCD 105 e o sistema de perfilamento a laser marca Leica modelo ALS 60.

As coordenadas planimétricas dos pontos de apoio e fotogramétricos estão referenciados ao sistema de projeção UTM, datum SAD-69, enquanto que as altitudes estão referenciadas ao Marégrafo de Imbituba - SC. Todo o projeto localiza-se no fuso 24 (meridiano central 39° W).



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ANEXOS

ANEXO I - MAPA GERAL DE AEROTRIANGULAÇÃO

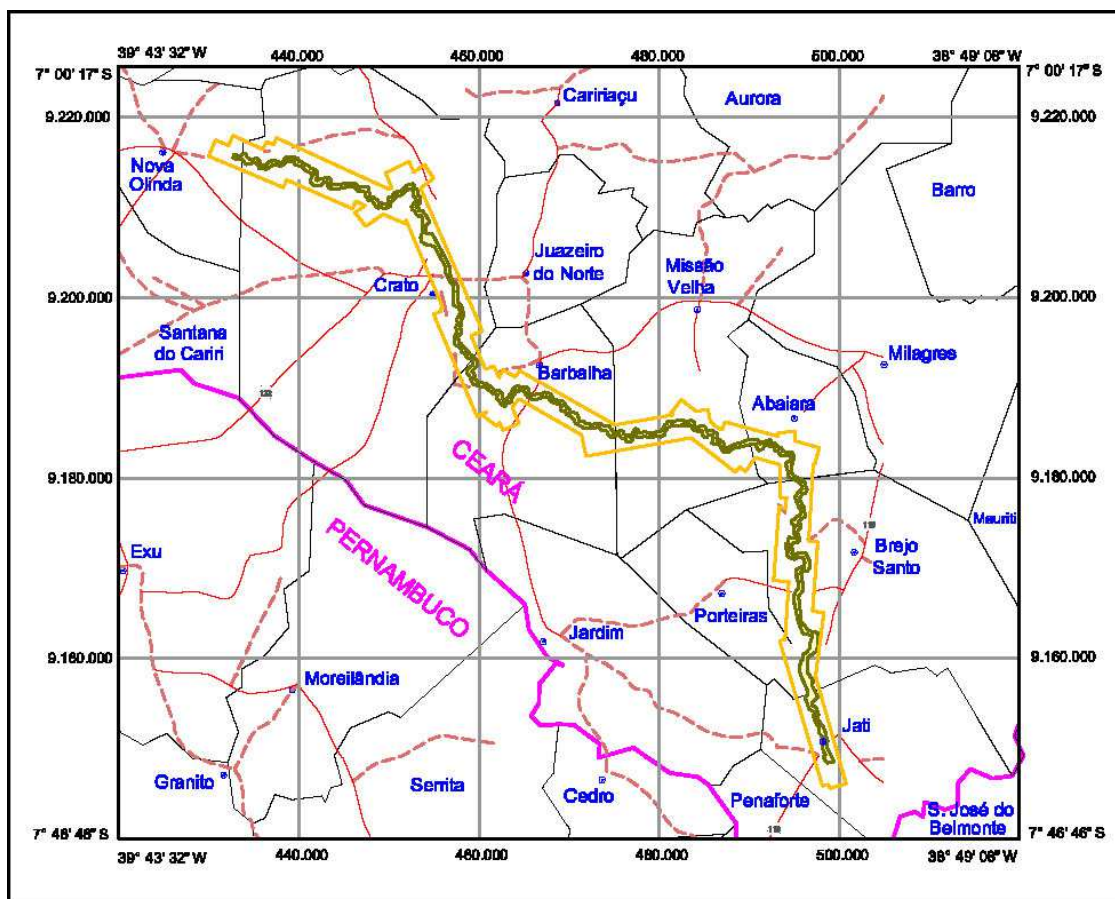
ANEXO II - RELATÓRIO DO AJUSTAMENTO DO BLOCO DE AEROTRIANGULAÇÃO



1 – LOCALIZAÇÃO DA ÁREA DO PROJETO

1 - LOCALIZAÇÃO DA ÁREA DO PROJETO

A região mapeada localiza-se no trecho Jati-Cariús do Projeto Cinturão das Águas do Ceará, compreendida entre os meridianos $38^{\circ}49'08''$ W e $39^{\circ}43'32''$ W, e os paralelos $7^{\circ}00'17''$ S e $7^{\circ}46'46''$ S.





2 - PROCESSAMENTO DA AEROTRIANGULAÇÃO

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Na realização da etapa de aerotriangulação foi utilizada a estação fotogramétrica digital IMAGE STATION ZII da INTERGRAPH, utilizando-se o programa ISAT (ImageStation Aerotriangulation) .Dentro do ambiente do programa ISAT foram realizadas as seguintes etapas :

- Criação do projeto de aerotriangulação com cadastro do nome do projeto, dados de precisão requeridos, datum, sensor utilizado, etc;
- Importação das imagens digitais das fotografias que formam o bloco e dos respectivos parâmetros iniciais de orientação externa, obtidos do processamento dos dados de rastreamento e do sistema inercial coletados durante a realização do voo apoiado;
- Importação dos pontos de apoio de campo;
- Realização da orientação interna das imagens fotográficas de forma automática, com a geração de relatórios que permitiram avaliar os resíduos obtidos. As imagens que apresentaram resíduos além da tolerância estabelecida de 6 micra, foram remeidas manualmente pelo operador;
- Identificação e leitura estereoscópica dos pontos de apoio localizados em cada fotografia em que apareceram, utilizando os croquis e as fotografias panorâmicas dos pontos de apoio obtidas em campo. Durante a leitura dos pontos de apoio foram feitas verificações da qualidade dos parâmetros de orientação externa obtidas pelo voo apoiado;
- De forma a minimizar a intervenção manual do operador, foram utilizados algoritmos eficientes de correlação de imagem disponibilizados pelo programa ISAT, realizando-se a geração automática dos pontos de passagem e dos pontos de ligação dos modelos fotogramétricos. Foram gerados 11913 pontos fotogramétricos (pontos de passagem e de ligação de modelos);
- O ajustamento da aerotriangulação foi realizado iterativamente, realizando-se ao final de cada ajuste preliminar a verificação dos dados estatísticos, dos resíduos dos pontos de controle e dos pontos fotogramétricos. Em cada verificação, os pontos que apresentaram resíduos fora da tolerância estabelecida foram lidos novamente pelo operador no modelo tridimensional ou eliminados do processo. Repetiu-se este procedimento até obter-se os resíduos dentro da tolerância estabelecida;
- Após a realização do ajustamento final, o programa gerou um relatório que apresenta os dados estatísticos, as coordenadas e os resíduos dos pontos de apoio, coordenadas e desvios padrões dos pontos fotogramétricos, os parâmetros de orientação externa das fotografias.

Na aerotriangulação, além dos pontos de apoio levantados em 2012, foram utilizados como pontos de controle alguns marcos e pontos de apoio levantados nos serviços realizados em 2010 para a VBA, e que foram passíveis de identificação nas imagens digitais obtidas na cobertura aerofotogramétrica realizada em 2012. No caso em que os marcos e pontos do

trabalho anterior não puderam ter sua posição planimétrica determinada com exatidão, os mesmos foram utilizados apenas como pontos de apoio vertical.

No relatório de processamento da aerotriangulação, os pontos de controle são apresentados de acordo com as seguintes nomenclaturas:

- Marcos topográficos implantados nos serviços realizados para VBA no ano de 2010 são identificados prefixos “M-“ ou “AZ-“;
- Pontos de apoio levantados nos serviços de 2010 são identificados pelo prefixo “HV-“ seguida de numeração inferior a 500;
- Pontos de apoio levantados nos serviços de 2012 são identificados pelo prefixo “HV-“ seguida de numeração superior a 500;
- Do perfilamento a laser foram coletados pontos de controle que são identificados pelo prefixo “Laser-”.

Resumidamente, o processamento do bloco de aerotriangulação apresentou os seguintes resultados:

- Total de Pontos de Pontos de Controle : 245
- Total de Fotografias do Bloco : 831
- Total de Modelos Fotogramétricos : 805
- Total Pontos Imagens Usados : 43241
- Total de Pontos de Ligação e Passagem medidos : 11913
- Graus de Liberdade : 50358
- Erro Médio dos Resíduos dos Pontos de Apoio : X : 0.107 m
Y : 0.093 m
Z : 0.027 m
XY : 0.100 m
- Tolerância planimétrica dos Pontos de Apoio : XY : 0.320 m
- Tolerância altimétrica dos Pontos de Apoio : Z : 0.240 m

Os itens que seguem apresentam um resumo das informações mais importantes do processamento da aerotriangulação.

2.1 - RESUMO ESTATÍSTICO DO PROCESSAMENTO DA AEROTRIANGULAÇÃO

Photo-T Parameters and Results for Project Cinturao_Aguas

PhotoT Triangulation Options

Adjustment Mode : Absolute
Precision Computation : Enabled
Error Detection : Enabled
Camera Calibration : Disabled
Self-Calibration : Disabled
Given EO/GPS : Enabled
Antenna Offsets : Disabled
GPS Shift/Drift Correction : Enabled
INS Shift/Drift Correction : Enabled

Parameters

Parameter	X/Omega	Y/Phi	Z/Kappa	XY
RMS Control	0.107	0.093	0.027	0.100
RMS Check				
RMS Limits	0.150	0.150	0.150	
Max Ground Residual	0.252	0.219	0.168	
Residual Limits	0.300	0.300	0.300	
Mean Std Dev Object	0.093	0.092	0.316	
RMS Photo Position	0.880	0.783	0.263	
RMS Photo Attitude	0.019	0.020	0.008	
Mean Std Dev Photo Position	0.379	0.379	0.138	
Mean Std Dev Photo Attitude	0.012	0.011	0.004	

Key Statistics

Sigma : 2.6 um
Number of iterations : 9
Degrees of Freedom (DOF) : 50358

Solution Successful.

Current Count

Control Points Used: 245
Check Points Used: 0
Photos Used: 831
Photos Not Used: 0
Image Points Used: 43241

Project Settings

Linear: Meters
Angular: Degrees

Refraction: Off
Curvature: Off

South American 1969 - Universal Transverse Mercator (m)



2.2 - RELAÇÃO DE COORDENADAS E RESÍDUOS DOS PONTOS DE APOIO

Coordenadas e Resíduos dos Pontos de Apoio

DATUM : SAD 69 – Fuso 24 – Meridiano Central 39°W

Obs: A coluna “Classe” identifica quais componentes dos eixos

Cartesianos foi utilizada no processamento. Os textos indicam:

XYZ => foram utilizadas as coordenadas XYZ

Z => foi utilizada apenas a componente vertical

Ponto	Classe	(1)			(2)			Resíduos		
		Coordenadas Fornecidas			Coordenadas Ajustadas			(2) – (1)		
		E (m)	N (m)	H (m)	E (m)	N (m)	H (m)	VX	VY	VZ
Pontos de Apoio Medidos em 2011										
HV-501	XYZ	431335.054	9216109.111	417.997	431334.953	9216109.180	418.045	-0.101	0.069	0.048
HV-502	XYZ	437013.948	9214032.009	455.341	437013.798	9214031.945	455.343	-0.150	-0.064	0.002
HV-503	XYZ	443601.965	9213765.559	451.801	443601.897	9213765.752	451.904	-0.068	0.193	0.103
HV-504	XYZ	442860.587	9213442.444	451.903	442860.640	9213442.537	451.888	0.053	0.093	-0.015
HV-505	XYZ	448752.789	9210572.658	462.998	448752.759	9210572.526	463.014	-0.030	-0.132	0.016
HV-506	XYZ	449631.017	9211208.146	438.979	449630.995	9211208.160	439.012	-0.022	0.014	0.033
HV-507	XYZ	452996.753	9212684.305	424.512	452996.814	9212684.309	424.472	0.061	0.004	-0.040
HV-508	Z	454640.733	9206681.449	478.034	454640.720	9206681.479	478.018			-0.016
HV-509	XYZ	456436.809	9201629.667	409.692	456436.775	9201629.657	409.674	-0.034	-0.010	-0.018
HV-510	XYZ	457911.413	9196102.091	452.800	457911.444	9196102.134	452.783	0.031	0.043	-0.017
HV-511	XYZ	460128.723	9189602.689	468.156	460128.629	9189602.628	468.142	-0.094	-0.061	-0.014
HV-512	XYZ	466818.845	9190107.637	480.501	466818.882	9190107.615	480.495	0.037	-0.022	-0.006
HV-513	XYZ	471535.748	9187260.148	427.753	471535.671	9187260.153	427.750	-0.077	0.005	-0.003
HV-515	XYZ	479053.235	9185996.776	468.508	479053.256	9185996.835	468.499	0.021	0.059	-0.009
HV-516	XYZ	484842.990	9185913.567	444.180	484842.962	9185913.624	444.288	-0.028	0.057	0.108
HV-517	XYZ	489201.976	9183411.518	531.685	489201.858	9183411.489	531.705	-0.118	-0.029	0.020
HV-518	XYZ	495043.155	9183050.400	425.421	495043.237	9183050.416	425.458	0.082	0.016	0.037
HV-519	XYZ	496157.063	9177324.712	458.419	496157.014	9177324.719	458.415	-0.049	0.007	-0.004
HV-520	XYZ	495967.169	9166240.913	435.630	495967.222	9166240.889	435.698	0.053	-0.024	0.068
HV-521	XYZ	495904.168	9159328.649	487.204	495904.122	9159328.591	487.228	-0.046	-0.058	0.024
HV-522	XYZ	499430.899	9149391.567	438.013	499430.924	9149391.614	438.017	0.025	0.047	0.004
Pontos Coletados do Perfilamento a Laser										
Laser01	XYZ	499484.407	9146710.752	471.031	499484.411	9146710.740	471.031	0.005	-0.012	0.000
Laser02	XYZ	499664.441	9149104.802	437.283	499664.461	9149104.807	437.283	0.020	0.005	0.000
Laser03	XYZ	499381.463	9149299.174	451.788	499381.484	9149299.076	451.788	0.021	-0.098	0.000
Laser04	XYZ	499382.231	9149317.552	452.009	499382.280	9149317.634	452.009	0.049	0.082	0.000
Laser05	XYZ	496432.788	9153428.759	477.283	496432.616	9153428.783	477.283	-0.172	0.024	0.000
Laser06	XYZ	498003.463	9152941.660	465.622	498003.523	9152941.676	465.622	0.060	0.017	0.000
Laser07	XYZ	497268.877	9160907.869	460.648	497268.942	9160907.940	460.648	0.065	0.071	0.000
Laser08	XYZ	494853.867	9159911.429	496.940	494853.618	9159911.401	496.940	-0.249	-0.027	0.000
Laser09	XYZ	497199.922	9169807.613	443.441	497200.101	9169807.687	443.441	0.179	0.073	0.000
Laser10	XYZ	496880.816	9170147.678	462.820	496880.733	9170147.498	462.820	-0.083	-0.180	0.000
Laser101	Z	431346.815	9216138.134	413.986	431346.986	9216138.424	413.985			0.000
Laser102	XYZ	458051.439	9196573.922	465.998	458051.360	9196573.899	465.998	-0.079	-0.024	0.000
Laser103	XYZ	433830.440	9217273.540	401.220	433830.495	9217273.383	401.220	0.055	-0.157	0.000
Laser104	Z	435802.120	9214831.670	450.790	435801.969	9214831.676	450.790			0.000
Laser105	Z	437368.430	9215682.380	443.120	437368.650	9215682.626	443.120			0.000
Laser106	Z	435712.950	9214657.510	470.340	435712.701	9214657.510	470.340			0.000
Laser107	XYZ	438137.145	9213696.567	523.959	438136.924	9213696.733	523.959	-0.221	0.166	0.000
Laser108	Z	438976.300	9214059.250	510.230	438976.290	9214059.247	510.230			0.000
Laser109	Z	439515.010	9215525.140	451.860	439515.398	9215525.405	451.860			0.000
Laser11	Z	496351.743	9172549.440	449.158	496351.789	9172549.388	449.158			0.000
Laser111	XYZ	441392.570	9213387.880	482.580	441392.435	9213387.874	482.580	-0.135	-0.006	0.000
Laser113	XYZ	444389.190	9213681.890	465.090	444389.309	9213681.829	465.090	0.119	-0.061	0.000
Laser114	XYZ	451762.040	9210099.810	695.280	451761.896	9210099.824	695.280	-0.144	0.014	0.000
Laser115	XYZ	454282.939	9206721.902	501.173	454282.783	9206721.752	501.173	-0.157	-0.150	0.000
Laser116	XYZ	454404.592	9206758.422	498.718	454404.689	9206758.556	498.718	0.097	0.133	0.000
Laser117	XYZ	454421.800	9206758.250	498.890	454421.863	9206758.316	498.890	0.063	0.066	0.000
Laser118	XYZ	455443.878	9203237.615	417.255	455443.824	9203237.584	417.255	-0.053	-0.031	0.000



Ponto	Classe	(1)			(2)			Residuos		
		Coordenadas Fornecidas			Coordenadas Ajustadas			(2) - (1)		
		E (m)	N (m)	H (m)	E (m)	N (m)	H (m)	VX	VY	VZ
Laser119	XYZ	458517.570	9199649.960	467.040	458517.805	9199650.106	467.040	0.235	0.146	0.000
Laser12	XYZ	496797.012	9178524.525	436.384	496797.132	9178524.481	436.384	0.120	-0.044	0.000
Laser121	XYZ	456497.640	9198130.870	471.680	456497.476	9198130.828	471.680	-0.164	-0.042	0.000
Laser122	XYZ	458404.402	9196855.094	445.412	458404.322	9196854.994	445.412	-0.080	-0.100	0.000
Laser123	XYZ	466221.331	9189310.109	482.204	466221.218	9189310.006	482.204	-0.112	-0.103	0.000
Laser124	XYZ	485021.382	9185837.024	440.430	485021.447	9185837.143	440.430	0.065	0.119	0.000
Laser125	XYZ	458649.730	9193996.900	475.150	458649.976	9193996.874	475.150	0.246	-0.026	0.000
Laser126	Z	457960.110	9193740.260	552.840	457960.017	9193740.223	552.840			0.000
Laser128	XYZ	463062.080	9190777.070	430.360	463062.087	9190776.932	430.360	0.007	-0.138	0.000
Laser129	XYZ	461294.967	9188908.327	476.763	461294.847	9188908.347	476.763	-0.120	0.021	0.000
Laser13	XYZ	493981.511	9179956.405	565.840	493981.438	9179956.397	565.840	-0.074	-0.008	0.000
Laser130	XYZ	462067.276	9187610.938	576.919	462067.197	9187611.094	576.919	-0.078	0.156	0.000
Laser131	Z	463337.120	9188739.580	480.070	463337.402	9188739.895	480.070			0.000
Laser132	XYZ	468312.507	9188414.370	507.681	468312.599	9188414.484	507.681	0.092	0.114	0.000
Laser133	Z	470419.530	9186241.670	514.510	470419.386	9186241.558	514.510			0.000
Laser134	Z	476587.790	9185562.390	435.580	476587.798	9185562.081	435.580			0.000
Laser135	XYZ	476622.112	9184683.358	457.599	476622.198	9184683.433	457.599	0.086	0.075	0.000
Laser136	XYZ	481475.630	9185527.340	498.400	481475.641	9185527.232	498.400	0.011	-0.108	0.000
Laser137	Z	484675.420	9186035.380	437.540	484675.549	9186035.641	437.540			0.000
Laser138	XYZ	485271.704	9185590.182	447.234	485271.624	9185590.019	447.234	-0.079	-0.163	0.000
Laser139	XYZ	485285.020	9185049.520	460.110	485285.122	9185049.469	460.110	0.102	-0.051	0.000
Laser14	XYZ	495467.861	9183316.023	406.970	495468.050	9183316.165	406.970	0.190	0.142	0.000
Laser140	XYZ	486398.232	9184183.519	468.460	486398.344	9184183.553	468.459	0.112	0.034	0.000
Laser141	XYZ	487642.155	9183817.243	496.993	487642.080	9183817.165	496.993	-0.075	-0.078	0.000
Laser142	XYZ	488469.382	9182616.262	517.142	488469.337	9182616.065	517.142	-0.044	-0.197	0.000
Laser144	XYZ	488422.930	9184882.370	523.390	488422.960	9184882.398	523.390	0.030	0.028	0.000
Laser145	XYZ	496540.574	9182271.179	447.259	496540.696	9182271.293	447.259	0.123	0.113	0.000
Laser146	Z	493203.420	9183462.580	448.360	493203.377	9183462.632	448.360			0.000
Laser148	Z	496330.960	9181653.790	440.100	496330.926	9181653.739	440.100			0.000
Laser149	XYZ	496186.180	9180855.090	441.930	496186.006	9180855.145	441.930	-0.174	0.055	0.000
Laser15	XYZ	494781.033	9183108.552	434.216	494780.847	9183108.410	434.216	-0.185	-0.142	0.000
Laser150	Z	495265.520	9181052.440	516.770	495265.511	9181052.238	516.770			0.000
Laser152	Z	494293.180	9179010.420	651.020	494292.990	9179010.732	651.020			0.000
Laser153	Z	494908.900	9176230.630	626.090	494908.928	9176230.606	626.090			0.000
Laser154	Z	494373.240	9175510.100	566.450	494373.215	9175510.184	566.450			0.000
Laser155	Z	494613.390	9174250.340	541.110	494613.379	9174250.342	541.110			0.000
Laser156	XYZ	494573.100	9173875.149	503.397	494573.067	9173875.301	503.396	-0.033	0.152	0.000
Laser157	XYZ	494640.304	9173679.862	489.727	494640.231	9173679.707	489.727	-0.073	-0.156	0.000
Laser158	Z	494685.210	9171561.090	468.820	494685.068	9171561.171	468.820			0.000
Laser159	Z	493778.340	9171337.920	490.390	493778.152	9171338.010	490.390			0.000
Laser16	XYZ	491239.822	9182645.130	590.752	491239.675	9182645.090	590.752	-0.147	-0.039	0.000
Laser160	XYZ	493559.181	9170123.794	499.907	493559.121	9170123.854	499.907	-0.060	0.060	0.000
Laser161	Z	494298.200	9169643.130	515.400	494298.105	9169643.290	515.400			0.000
Laser163	Z	496398.160	9168090.530	478.230	496398.303	9168090.470	478.230			0.000
Laser164	XYZ	497636.506	9162902.096	441.463	497636.644	9162902.088	441.463	0.139	-0.008	0.000
Laser165	Z	495598.390	9156856.400	492.660	495598.326	9156856.316	492.660			0.000
Laser166	XYZ	496377.030	9156395.782	487.113	496376.932	9156395.634	487.113	-0.099	-0.148	0.000
Laser167	XYZ	496531.121	9155030.230	497.421	496531.197	9155030.271	497.421	0.076	0.041	0.000
Laser168	Z	498977.660	9150823.210	439.850	498977.813	9150823.247	439.850			0.000
Laser169	Z	498296.470	9150643.210	437.970	498296.479	9150643.215	437.970			0.000
Laser17	XYZ	490671.900	9184198.850	501.850	490671.985	9184198.936	501.850	0.085	0.086	0.000
Laser170	Z	497555.430	9150372.980	500.080	497555.321	9150372.931	500.080			0.000
Laser171	Z	499381.700	9147337.290	491.760	499381.801	9147337.271	491.760			0.000
Laser172	Z	499451.630	9147562.030	482.570	499451.709	9147561.965	482.570			0.000
Laser18	XYZ	475397.323	9184536.904	496.621	475397.389	9184536.849	496.621	0.066	-0.055	0.000
Laser19	XYZ	473574.744	9185019.634	508.026	473574.765	9185019.651	508.026	0.021	0.017	0.000
Laser20	XYZ	471557.601	9187236.080	429.585	471557.629	9187236.164	429.585	0.028	0.084	0.000
Laser21	XYZ	471555.876	9187257.226	429.523	471555.944	9187257.198	429.523	0.068	-0.028	0.000
Laser22	XYZ	465184.861	9191007.685	424.957	465184.801	9191007.715	424.957	-0.060	0.030	0.000
Laser23	XYZ	465146.882	9190986.000	422.953	465146.943	9190986.072	422.953	0.062	0.072	0.000
Laser24	XYZ	465122.915	9191041.851	424.078	465123.041	9191041.932	424.078	0.126	0.080	0.000
Laser25	XYZ	465078.602	9191109.022	416.336	465078.541	9191108.995	416.336	-0.061	-0.028	0.000
Laser26	XYZ	462091.044	9191128.438	434.551	462091.265	9191128.263	434.551	0.221	-0.174	0.000
Laser27	XYZ	462062.226	9190573.767	459.319	462062.209	9190573.784	459.319	-0.018	0.017	0.000
Laser28	XYZ	460022.386	9189488.560	472.750	460022.282	9189488.520	472.750	-0.104	-0.040	0.000



Ponto	Classe	(1)			(2)			Resíduos		
		Coordenadas Fornecidas			Coordenadas Ajustadas			(2) - (1)		
		E (m)	N (m)	H (m)	E (m)	N (m)	H (m)	VX	VY	VZ
Laser29	XYZ	460332.548	9189718.494	459.803	460332.406	9189718.615	459.803	-0.142	0.121	0.000
Laser30	XYZ	457437.404	9200982.184	414.623	457437.478	9200982.049	414.623	0.074	-0.135	0.000
Laser31	XYZ	457359.781	9201065.782	414.654	457359.654	9201065.863	414.654	-0.127	0.082	0.000
Laser32	XYZ	455926.571	9201088.852	429.657	455926.584	9201088.711	429.657	0.013	-0.140	0.000
Laser33	XYZ	454547.333	9208787.849	441.180	454547.305	9208787.672	441.180	-0.028	-0.178	0.000
Laser34	Z	453720.758	9210501.127	428.174	453720.846	9210501.291	428.174			0.000
Laser35	Z	453714.373	9210530.357	427.561	453714.480	9210530.556	427.561			0.000
Laser36	XYZ	453365.932	9212076.485	420.050	453365.973	9212076.630	420.050	0.041	0.145	0.000
Laser37	Z	453363.358	9212099.555	419.931	453363.428	9212099.472	419.931			0.000
Laser38	XYZ	435528.954	9215674.029	461.000	435529.020	9215673.945	461.000	0.067	-0.084	0.000
Laser39	Z	435517.425	9215670.309	460.887	435517.188	9215670.324	460.887			0.000
Laser40	XYZ	438841.592	9216757.183	482.578	438841.827	9216757.261	482.578	0.235	0.078	0.000
Laser41	XYZ	446620.971	9213230.421	489.819	446621.075	9213230.527	489.819	0.104	0.106	0.000
Laser42	XYZ	446730.974	9212290.358	439.138	446731.103	9212290.490	439.137	0.128	0.132	0.000
Laser43	XYZ	444930.615	9211467.766	480.631	444930.420	9211467.548	480.631	-0.196	-0.219	0.000
LaserC01	Z	499536.990	9149291.680	433.050	499537.194	9149291.980	433.050			0.000
LaserC02	Z	498053.540	9149480.440	446.830	498053.497	9149480.436	446.830			0.000
LaserC04	Z	496800.990	9156669.980	490.460	496801.021	9156670.123	490.460			0.000
LaserC05	Z	497224.370	9155720.550	489.280	497224.498	9155720.503	489.280			0.000
LaserC06	Z	494956.170	9167760.960	490.370	494956.025	9167761.070	490.370			0.000
LaserC07	Z	494880.000	9181667.600	428.480	494879.970	9181667.480	428.480			0.000
LaserC08	Z	487602.280	9183288.250	462.260	487602.238	9183288.403	462.260			0.000
LaserC09	Z	488309.280	9183924.870	507.190	488309.233	9183924.941	507.190			0.000
LaserC10	Z	486625.750	9184526.790	445.480	486625.947	9184526.616	445.480			0.000
LaserC11	Z	479734.420	9185245.590	496.390	479734.360	9185245.653	496.390			0.000
LaserC12	Z	472906.480	9185669.620	497.510	472906.521	9185669.559	497.510			0.000
LaserC13	Z	467988.930	9188801.030	489.130	467988.915	9188800.886	489.130			0.000
LaserC14	Z	465873.650	9189289.130	477.850	465873.726	9189289.217	477.850			0.000
LaserC15	Z	457659.030	9195286.720	459.010	457659.071	9195286.811	459.010			0.000
LaserC16	Z	457842.080	9195956.670	450.960	457842.140	9195956.701	450.960			0.000
LaserC17	Z	455964.990	9201334.940	417.780	455964.959	9201334.815	417.780			0.000
LaserC18	Z	456939.580	9202894.510	403.920	456939.585	9202894.564	403.920			0.000
LaserC19	Z	449487.730	9211039.110	448.260	449487.930	9211039.000	448.260			0.000
LaserC20	Z	449622.470	9211238.580	432.390	449622.494	9211238.582	432.390			0.000
LaserC21	Z	435637.650	9215622.450	457.130	435637.504	9215622.489	457.130			0.000
LaserC22	Z	434734.560	9215546.620	488.890	434734.327	9215546.398	488.890			0.000
Pontos de Apoio Medidos em 2010										
HV050	XYZ	437102.898	9214445.328	512.944	437102.898	9214445.250	512.925	0.000	-0.078	-0.019
HV051	XYZ	441824.860	9214562.321	450.883	441824.970	9214562.298	450.932	0.110	-0.023	0.049
HV053	XYZ	451127.892	9213302.466	410.301	451127.858	9213302.351	410.320	-0.034	-0.115	0.019
HV054	XYZ	453020.504	9213225.133	415.453	453020.623	9213225.119	415.453	0.119	-0.014	0.000
HV061	XYZ	453574.109	9211229.869	423.294	453574.183	9211229.897	423.306	0.074	0.028	0.012
HV062	XYZ	449628.161	9211244.563	433.055	449628.065	9211244.455	433.019	-0.096	-0.108	-0.036
HV063	XYZ	444935.684	9211534.683	474.788	444935.710	9211534.604	474.800	0.026	-0.079	0.012
HV076	XYZ	448006.985	9209663.266	488.552	448006.818	9209663.311	488.596	-0.167	0.045	0.044
HV077	XYZ	451092.028	9209326.202	737.894	451091.873	9209326.213	737.896	-0.155	0.011	0.002
HV078	Z	453705.591	9208531.162	441.556	453705.209	9208531.307	441.486			-0.070
HV097	Z	453264.683	9210298.562	431.358	453264.766	9210298.750	431.354			-0.004
HV098	XYZ	455481.571	9206428.567	454.351	455481.667	9206428.610	454.347	0.096	0.043	-0.004
HV099	XYZ	457588.899	9202008.906	402.811	457589.018	9202009.119	402.866	0.119	0.213	0.055
HV103	Z	458543.747	9195704.618	431.400	458543.912	9195704.986	431.351			-0.049
HV104	XYZ	456226.585	9199735.804	442.008	456226.557	9199735.726	442.029	-0.028	-0.078	0.021
HV111	XYZ	458751.981	9190992.103	536.081	458751.729	9190991.974	536.181	-0.252	-0.129	0.100
HV124	XYZ	495373.568	9182901.620	408.304	495373.590	9182901.750	408.263	0.022	0.130	-0.041
HV125	XYZ	490611.300	9184166.275	499.130	490611.446	9184166.286	499.129	0.146	0.011	-0.001
HV126	Z	486910.006	9184550.247	458.677	486910.115	9184550.130	458.656			-0.021
HV127	Z	483678.373	9186056.138	481.520	483678.387	9186056.261	481.507			-0.013
HV128	XYZ	480063.698	9186092.635	459.329	480063.706	9186092.667	459.335	0.008	0.032	0.006
HV131	Z	467574.738	9189233.316	483.643	467574.662	9189233.301	483.632			-0.011
HV132	XYZ	462575.078	9190183.211	471.751	462575.238	9190183.425	471.846	0.160	0.214	0.095
HV134	XYZ	462210.130	9187522.566	582.646	462210.233	9187522.459	582.666	0.103	-0.107	0.020
HV137	XYZ	473084.845	9185495.260	502.063	473084.795	9185495.142	502.178	-0.050	-0.118	0.115
HV138	XYZ	477167.025	9184439.320	496.748	477166.888	9184439.208	496.732	-0.137	-0.112	-0.016
HV145	XYZ	494896.037	9181764.710	435.538	494896.134	9181764.697	435.571	0.097	-0.013	0.033
HV162	Z	495515.339	9163249.366	488.026	495515.317	9163248.914	488.036			0.010



Ponto	Classe	(1)			(2)			Resíduos		
		Coordenadas Fornecidas			Coordenadas Ajustadas			(2) - (1)		
		E (m)	N (m)	H (m)	E (m)	N (m)	H (m)	VX	VY	VZ
HV163	Z	495271.776	9167833.506	507.365	495271.684	9167833.622	507.351			-0.014
HV164	XYZ	495798.440	9172008.234	458.298	495798.338	9172008.305	458.300	-0.102	0.071	0.002
HV165	XYZ	495918.260	9175511.883	463.252	495918.234	9175511.880	463.214	-0.026	-0.003	-0.038
HV166	XYZ	495670.500	9178305.485	517.708	495670.529	9178305.488	517.740	0.029	0.003	0.032
HV173	Z	497819.861	9161140.924	455.706	497820.009	9161140.935	455.727			0.021
HV175	XYZ	498504.620	9152083.551	452.079	498504.761	9152083.555	452.095	0.141	0.004	0.016
Pontos de Apoio Medidos em 2010										
AZ-001	XYZ	498891.789	9149851.211	444.778	498891.815	9149851.215	444.794	0.026	0.004	0.017
AZ-002A	XYZ	497086.050	9155973.607	479.429	497086.109	9155973.641	479.361	0.059	0.034	-0.068
AZ-003	XYZ	496927.242	9158167.596	483.018	496927.420	9158167.721	483.044	0.178	0.125	0.026
AZ-003A	Z	496326.076	9157917.762	491.852	496325.905	9157917.780	491.866			0.014
AZ-004	Z	497022.302	9160769.704	465.291	497022.265	9160769.695	465.284			-0.007
AZ-004A	Z	495887.145	9164042.977	470.891	495887.088	9164042.680	470.867			-0.024
AZ-004B	XYZ	495844.870	9165382.290	427.263	495844.886	9165382.279	427.237	0.016	-0.011	-0.026
AZ-005	XYZ	495594.333	9166168.689	433.967	495594.386	9166168.599	433.956	0.053	-0.090	-0.011
AZ-005A	Z	495213.668	9169008.393	498.330	495213.821	9169008.457	498.434			0.104
AZ-008	Z	496245.031	9176574.106	454.054	496245.073	9176574.154	454.059			0.005
AZ-009	Z	494800.391	9181546.118	434.885	494800.382	9181545.955	434.866			-0.019
AZ-010	XYZ	489881.732	9184004.172	544.115	489881.661	9184004.254	544.138	-0.071	0.082	0.023
AZ-012	XYZ	483661.395	9186341.799	469.759	483661.404	9186341.898	469.714	0.009	0.099	-0.045
AZ-012A	Z	479805.800	9184834.540	495.955	479805.545	9184834.525	495.922			-0.034
AZ-013	Z	477205.403	9184329.339	506.835	477205.611	9184329.043	506.830			-0.005
AZ-014	Z	472732.206	9186478.647	468.098	472732.240	9186478.542	468.079			-0.019
AZ-016	Z	465758.349	9189114.464	485.048	465758.355	9189114.655	485.042			-0.006
AZ-018	XYZ	459421.849	9191468.204	460.523	459421.927	9191468.116	460.531	0.078	-0.088	0.007
AZ-019	Z	457586.984	9195495.315	455.601	457587.029	9195495.238	455.616			0.014
AZ-020	XYZ	457436.200	9197735.709	516.949	457436.118	9197735.739	516.876	-0.082	0.030	-0.073
AZ-021	XYZ	456731.014	9202744.560	410.420	456731.000	9202744.618	410.409	-0.014	0.058	-0.011
AZ-022	Z	454822.285	9204851.261	447.892	454822.450	9204851.082	447.901			0.009
AZ-024	XYZ	453900.844	9210728.080	423.055	453900.960	9210728.199	423.106	0.116	0.119	0.051
AZ-025	XYZ	450690.478	9211502.548	459.683	450690.573	9211502.577	459.717	0.095	0.029	0.034
AZ-026	Z	448959.131	9210842.995	441.613	448959.122	9210843.014	441.628			0.015
AZ-027	Z	442532.002	9212733.561	463.819	442531.979	9212733.338	463.781			-0.038
M-001	XYZ	498777.055	9149804.170	441.259	498776.921	9149804.120	441.205	-0.134	-0.050	-0.054
M-001A	XYZ	498015.969	9152924.817	462.611	498015.862	9152924.861	462.636	-0.107	0.044	0.025
M-002	XYZ	497486.558	9153371.072	460.302	497486.634	9153371.030	460.185	0.076	-0.042	-0.117
M-002A	Z	497118.424	9155900.108	481.388	497118.467	9155900.063	481.338			-0.050
M-003	Z	496685.891	9158188.938	474.524	496686.025	9158189.031	474.505			-0.019
M-003A	Z	496384.864	9157764.808	498.273	496384.836	9157764.893	498.105			-0.168
M-004	Z	496754.007	9160583.369	464.916	496754.011	9160583.293	464.912			-0.004
M-004A	Z	495775.453	9163992.357	475.035	495775.437	9163992.031	474.957			-0.078
M-004B	XYZ	495772.918	9165399.038	422.553	495772.790	9165399.078	422.561	-0.128	0.040	0.008
M-005	Z	495392.788	9166193.025	441.317	495392.732	9166193.070	441.286			-0.030
M-005A	Z	495027.252	9168935.954	501.857	495027.473	9168935.955	501.862			0.005
M-006	Z	496540.995	9170142.631	480.155	496541.186	9170142.678	480.107			-0.049
M-007	Z	495465.004	9173179.384	479.930	495465.190	9173179.371	479.930			0.000
M-009	Z	494757.588	9181410.206	437.346	494757.547	9181409.869	437.346			0.000
M-011	Z	487363.885	9183967.519	469.806	487363.868	9183967.485	469.806			0.000
M-012	Z	483665.179	9186393.160	465.391	483665.169	9186393.292	465.391			0.000
M-012A	Z	479802.446	9184934.895	494.560	479802.297	9184934.810	494.560			0.000
M-013	Z	477233.861	9184237.208	518.505	477234.056	9184236.885	518.505			0.000
M-014	Z	472793.882	9186406.480	473.185	472793.780	9186406.392	473.184			0.000
M-016	Z	466069.057	9189483.249	483.308	466069.222	9189483.307	483.308			0.000
M-017	Z	461691.353	9189909.443	460.268	461691.392	9189909.462	460.268			0.000
M-018	Z	459422.084	9191410.548	455.354	459422.088	9191410.374	455.354			0.000
M-019	Z	457564.075	9195587.972	456.663	457564.144	9195588.040	456.663			0.000
M-020	Z	457390.841	9197682.901	517.575	457390.790	9197682.860	517.575			0.000
M-021	Z	456677.049	9202788.754	411.521	456677.048	9202788.724	411.521			0.000
M-022	Z	454800.474	9204719.996	452.369	454800.616	9204719.846	452.369			0.000
M-024	Z	453844.012	9210721.381	422.528	453844.098	9210721.543	422.528			0.000
M-025	Z	450592.697	9211378.644	456.158	450592.777	9211378.597	456.158			0.000
M-026	Z	448898.553	9210821.206	440.491	448898.558	9210821.229	440.491			0.000
M-027	Z	442589.314	9212697.492	465.687	442589.257	9212697.424	465.687			0.000
M-028	Z	437889.624	9213899.281	519.419	437889.579	9213899.228	519.419			0.000
RN-04	Z	442802.708	9212491.321	474.009	442802.499	9212491.239	474.009			0.000



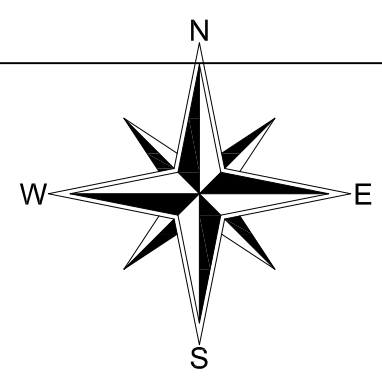
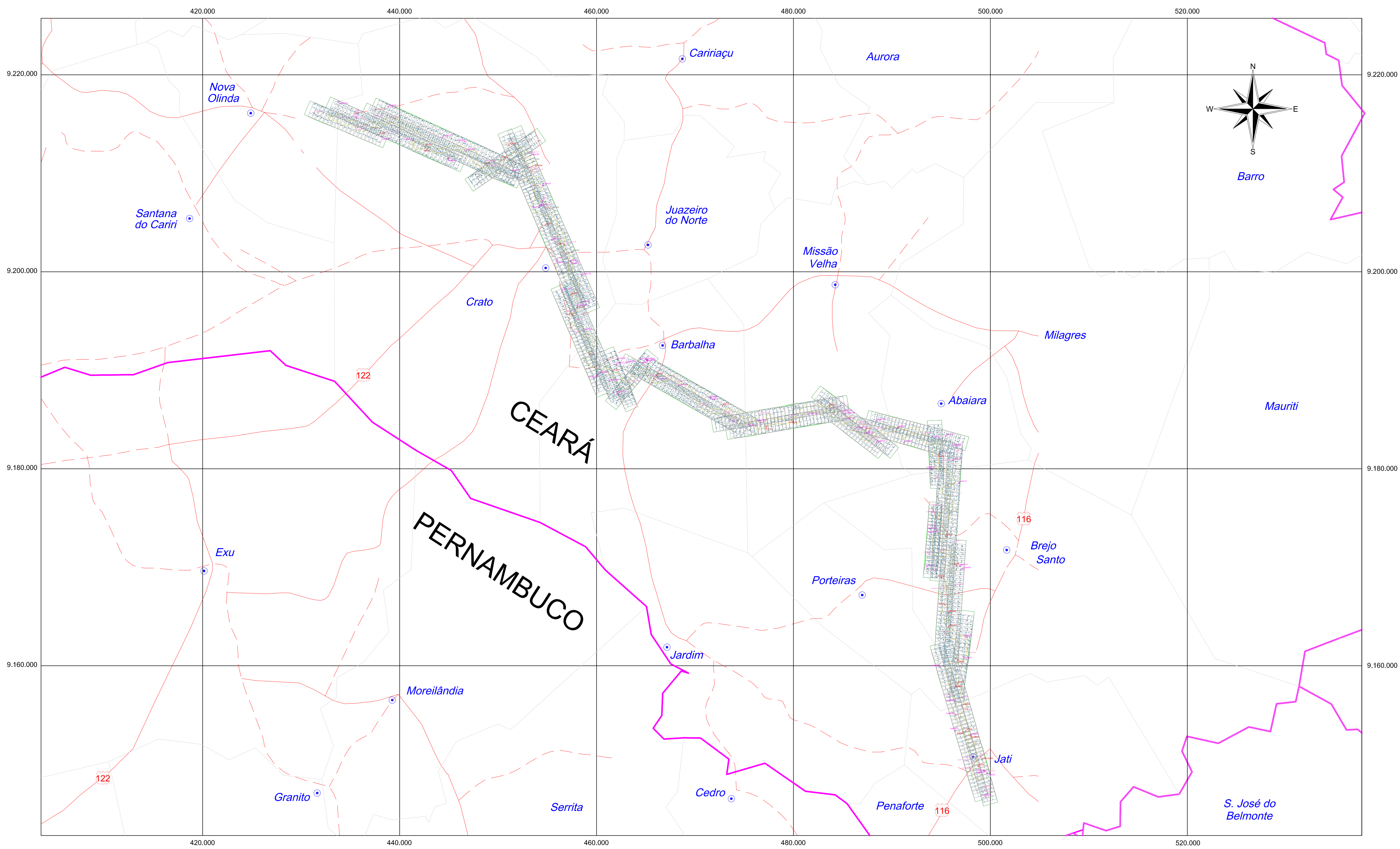
Ponto	Classe	(1)			(2)			Resíduos		
		Coordenadas Fornecidas			Coordenadas Ajustadas			(2) - (1)		
		E (m)	N (m)	H (m)	E (m)	N (m)	H (m)	VX	VY	VZ
RN-06	Z	451099.025	9212886.888	417.927	451098.936	9212886.758	417.927			0.000
RN-07	Z	458045.553	9196387.139	467.125	458045.453	9196387.207	467.125			0.000
RN-08	Z	497223.581	9153280.382	460.322	497223.747	9153280.346	460.322			0.000
RN-1699N	Z	499158.654	9150508.124	436.964	499158.879	9150508.118	436.963			-0.001
Desvio Padrão:								0.107	0.093	0.028
Maximo:								0.246	0.214	0.115
Minimo:								-0.252	-0.219	-0.168



ANEXOS



ANEXO I - MAPA GERAL DE AEROTRIANGULAÇÃO



ESCALA 1:200.000
 0 100 Km 200 Km
 PROJEÇÃO UNIVERSAL TRANSVERSA DE MERCATOR
 DATUM VERTICAL : MAREGRÁFO DE IMBITUBA - SC
 DATUM HORIZONTAL: SAD-69
 FUSO 24 (MC - 39°)

LEGENDA:

	MUNICÍPIOS / LOCALIDADES		Ponto de Apoio Horizontal e Vertical. (HV)
	RODOVIA ESTADUAL/FEDERAL NÃO PAVIMENTADA		Ponto de Apoio Vertical. (V)
	RODOVIA ESTADUAL/FEDERAL PAVIMENTADA		Ponto Fotogramétrico
	DIVISA ESTADUAL		
	DIVISA MUNICIPAL		
	LIMITE DE RESTITUIÇÃO		
	Limite do Bloco de Aerotriangulação		

NOTAS :
 1. ELABORADO POR AEROMAPA

DESENHOS DE REFERÊNCIA :

REVISÕES

N°	DESCRIÇÃO	DATA	EXEC.	VERIF.	APROV.
0	EMISSÃO INICIAL	00/00/00	XXX	XXX	XXX

DES.: LEANDRO
 VISTO: AGJ
 APROV.: ASD
 ESCALA: 1:200.000

GOVERNO DO ESTADO DO CEARÁ
 Secretaria dos Recursos Hídricos - SRH

CAC - CINTURÃO DE ÁGUAS DO CEARÁ
 PROJETO EXECUTIVO DO 1º TRECHO JATI / RIO CARIUS COM
 153,6 KM DO CINTURÃO DE ÁGUAS DO CEARÁ - CAC

Relatório de Aerotriangulação

CONTEGDO: MAPA GERAL DA AEROTRIANGULAÇÃO

LOCAL: FORTALEZA/CE
 DATA: ABRIL/2012
 REV.:
 FOLHA: 01/01
 N° DO DESENHO:



**ANEXO II - RELATÓRIO DO AJUSTAMENTO DO BLOCO DE
AEROTRIANGULAÇÃO**

DADOS ESTATÍSTICOS

Photo-T Parameters and Results for Project Cinturao_Aguas

PhotoT Triangulation Options

Adjustment Mode : Absolute
Precision Computation : Enabled
Error Detection : Enabled
Camera Calibration : Disabled
Self-Calibration : Disabled
Given EO/GPS : Enabled
Antenna Offsets : Disabled
GPS Shift/Drift Correction : Enabled
INS Shift/Drift Correction : Enabled

Parameters

Parameter	X/Omega	Y/Phi	Z/Kappa	XY
RMS Control	0.107	0.093	0.027	0.100
RMS Check				
RMS Limits	0.150	0.150	0.150	
Max Ground Residual	0.252	0.219	0.168	
Residual Limits	0.300	0.300	0.300	
Mean Std Dev Object	0.093	0.092	0.316	
RMS Photo Position	0.880	0.783	0.263	
RMS Photo Attitude	0.019	0.020	0.008	
Mean Std Dev Photo Position	0.379	0.379	0.138	
Mean Std Dev Photo Attitude	0.012	0.011	0.004	

Key Statistics

Sigma: 2.6 um
Number of iterations: 9
Degrees of Freedom: 50358

Solution Successful.

Current Count

Control Points Used: 245
Check Points Used: 0
Photos Used: 831
Photos Not Used: 0
Image Points Used: 43241

Cameras used: (1).

Camera Id	Lens	Distortion	Grids
LEICA-RCD105_SN64_2010-07-21		Off	Off

Project Settings

Linear: Meters
Angular: Degrees
Refraction: Off
Curvature: Off
South American 1969 - Universal Transverse Mercator (m)

PONTOS DE APOIO

Point_Id	Status	Type	Class	VX	VY	VZ	V(XYZ)	Std_Dev_X	Std_Dev_Y	Std_Dev_Z	N.Rays	Computed_X	Computed_Y	Computed_Z	Given_X	Given_Y	Given_Z	SVX	SVY	SVZ
AZ-001	Measured	Control	XYZ	0.026	0.004	-0.017	0.031	0.048	0.048	0.070	6	498891.815	9149851.215	444.794	498891.789	9149851.211	444.778	-0.431	-0.070	-0.500
AZ-002A	Measured	Control	XYZ	0.059	0.034	-0.068	0.096	0.055	0.054	0.072	4	497086.109	9155973.641	479.361	497086.050	9155973.607	479.429	-1.058	-0.595	2.312
AZ-003	Measured	Control	XYZ	0.178	0.125	0.026	0.219	0.055	0.054	0.073	6	496927.420	9158167.721	483.044	496927.242	9158167.596	483.018	-3.207	-2.216	-0.926
AZ-003A	Measured	Control	Z			0.014	0.014	0.059	0.057	0.069	7	496325.905	9157917.780	491.866	496326.076	9157917.762	491.852			-0.382
AZ-004	Measured	Control	Z			-0.007	0.007	0.081	0.084	0.077	2	497022.265	9160769.695	465.284	497022.302	9160769.704	465.291			0.656
AZ-004A	Measured	Control	Z			-0.024	0.024	0.071	0.066	0.068	6	495887.088	9164042.680	470.867	495887.145	9164042.977	470.891			0.651
AZ-004B	Measured	Control	XYZ	0.016	-0.011	-0.026	0.033	0.049	0.048	0.068	6	495844.886	9165382.279	427.237	495844.870	9165382.290	427.263	-0.256	0.186	0.688
AZ-005	Measured	Control	XYZ	0.053	-0.090	-0.011	0.105	0.054	0.054	0.075	3	495594.386	9166168.599	433.956	495594.333	9166168.689	433.967	-0.935	1.599	0.543
AZ-005A	Measured	Control	Z			0.104	0.104	0.077	0.080	0.071	4	495213.821	9169008.457	498.434	495213.668	9169008.393	498.330			-3.272
AZ-008	Measured	Control	Z			0.005	0.005	0.080	0.079	0.076	3	496245.073	9176574.154	454.059	496245.031	9176574.106	454.054			-0.284
AZ-009	Measured	Control	Z			-0.019	0.019	0.058	0.056	0.071	5	494800.382	9181545.955	434.866	494800.391	9181546.118	434.885			0.589
AZ-010	Measured	Control	XYZ	-0.071	0.082	0.023	0.110	0.047	0.049	0.072	6	489881.661	9184004.254	544.138	489881.732	9184004.172	544.115	1.134	-1.347	-0.761
AZ-012	Measured	Control	XYZ	0.009	0.099	-0.045	0.109	0.053	0.056	0.069	7	483661.404	9186341.898	469.714	483661.395	9186341.799	469.759	-0.166	-1.829	1.235
AZ-012A	Measured	Control	Z			-0.034	0.034	0.093	0.089	0.075	3	479805.545	9184834.525	495.922	479805.800	9184834.540	495.955			1.734
AZ-013	Measured	Control	Z			-0.005	0.005	0.077	0.075	0.075	3	477205.611	9184329.043	506.830	477205.403	9184329.339	506.835			0.253
AZ-014	Measured	Control	Z			-0.019	0.019	0.082	0.079	0.075	3	472732.240	9186478.542	468.079	472732.206	9186478.647	468.098			0.966
AZ-016	Measured	Control	Z			-0.006	0.006	0.079	0.076	0.075	3	465758.355	9189114.655	485.042	465758.349	9189114.464	485.048			0.282
AZ-018	Measured	Control	XYZ	0.078	-0.088	0.007	0.118	0.053	0.052	0.069	5	459421.927	9191468.116	460.531	459421.849	9191468.204	460.523	-1.370	1.514	-0.204
AZ-019	Measured	Control	Z			0.014	0.014	0.080	0.076	0.075	3	457587.029	9195495.238	455.616	457586.984	9195495.315	455.601			-0.719
AZ-020	Measured	Control	XYZ	-0.082	0.030	-0.073	0.114	0.045	0.045	0.072	6	457436.118	9197735.739	516.876	457436.200	9197735.709	516.949	1.296	-0.467	2.389
AZ-021	Measured	Control	XYZ	-0.014	0.058	-0.011	0.060	0.055	0.056	0.076	3	456731.000	9202744.618	410.409	456731.014	9202744.560	410.420	0.256	-1.064	0.578
AZ-022	Measured	Control	Z			0.009	0.009	0.094	0.094	0.076	3	454822.450	9204851.082	447.901	454822.285	9204851.261	447.892			-0.502
AZ-024	Measured	Control	XYZ	0.116	0.119	0.051	0.174	0.060	0.059	0.075	3	453900.960	9210728.199	423.106	453900.844	9210728.080	423.055	-2.323	-2.329	-2.304
AZ-025	Measured	Control	XYZ	0.095	0.029	0.034	0.105	0.046	0.048	0.072	6	450690.573	9211502.577	459.717	450690.478	9211502.548	459.683	-1.512	-0.477	-1.156
AZ-026	Measured	Control	Z			0.015	0.015	0.050	0.051	0.065	9	448959.122	9210843.014	441.628	448959.131	9210842.995	441.613			-0.352
AZ-027	Measured	Control	Z			-0.038	0.038	0.061	0.065	0.070	6	442531.979	9212733.338	463.781	442532.002	9212733.561	463.819			1.105
HV050	Measured	Control	XYZ	0.000	-0.078	-0.019	0.080	0.050	0.051	0.070	5	437102.898	9214445.250	512.925	437102.898	9214445.328	512.944	-0.006	1.322	0.575
HV051	Measured	Control	XYZ	0.110	-0.023	0.049	0.123	0.053	0.053	0.073	5	441824.970	9214562.298	450.932	441824.860	9214562.321	450.883	-1.936	0.406	-1.742
HV053	Measured	Control	XYZ	-0.034	-0.115	0.019	0.121	0.065	0.065	0.076	3	451127.858	9213302.351	410.320	451127.892	9213302.466	410.301	0.790	2.663	-1.169
HV054	Measured	Control	XYZ	0.119	-0.014	0.000	0.120	0.060	0.058	0.074	4	453020.623	9213225.119	415.453	453020.504	9213225.133	415.453	-2.382	0.264	-0.016
HV061	Measured	Control	XYZ	0.074	0.028	0.012	0.080	0.055	0.053	0.075	3	453574.183	9211229.897	423.306	453574.109	9211229.869	423.294	-1.335	-0.491	-0.582
HV062	Measured	Control	XYZ	-0.096	-0.108	-0.036	0.149	0.046	0.045	0.071	6	449628.065	9211244.455	433.019	449628.161	9211244.563	433.055	1.525	1.702	1.076
HV063	Measured	Control	XYZ	0.026	-0.079	0.012	0.084	0.057	0.057	0.077	2	444935.710	9211534.604	474.800	444935.684	9211534.683	474.788	-0.482	1.495	-1.167
HV076	Measured	Control	XYZ	-0.167	0.045	0.044	0.179	0.067	0.068	0.077	3	448006.818	9209663.311	488.596	448006.985	9209663.266	488.552	4.288	-1.207	-3.004
HV077	Measured	Control	XYZ	-0.155	0.011	0.002	0.156	0.060	0.058	0.076	2	451091.873	9209326.213	737.896	451092.028	9209326.202	737.894	3.112	-0.213	-0.129
HV078	Measured	Control	Z			-0.070	0.070	0.069	0.066	0.072	6	453705.209	9208531.307	441.486	453705.591	9208531.162	441.556			2.391
HV097	Measured	Control	Z			-0.004	0.004	0.067	0.071	0.076	3	453264.766	9210298.750	431.354	453264.683	9210298.562	431.358			0.221
HV098	Measured	Control	XYZ	0.096	0.043	-0.004	0.105	0.061	0.062	0.077	2	455481.667	9206428.610	454.347	455481.571	9206428.567	454.351	-1.990	-0.915	0.305
HV099	Measured	Control	XYZ	0.119	0.213	0.055	0.250	0.058	0.056	0.075	3	457589.018	9202009.119	402.866	457588.899	9202008.906	402.811	-2.288	-3.965	-2.812
HV103	Measured	Control	Z			-0.049	0.049	0.075	0.077	0.076	3	458543.912	9195704.986	431.351	458543.747	9195704.618	431.400			2.648
HV104	Measured	Control	XYZ	-0.028	-0.078	0.021	0.086	0.065	0.062	0.076	2	456226.557	9199735.726	442.029	456226.585	9199735.804	442.008	0.643	1.664	-1.252
HV111	Measured	Control	XYZ	-0.252	-0.129	0.100	0.300	0.061	0.061	0.075	3	458751.729	9190991.974	536.181	458751.981	9190992.103	536.081	5.255	2.678	-4.848
HV124	Measured	Control	XYZ	0.022	0.130	-0.041	0.138	0.048	0.049	0.075	3	495373.590	9182901.750	408.263	495373.568	9182901.620	408.304	-0.358	-2.148	1.885
HV125	Measured	Control	XYZ	0.146	0.011	-0.001	0.146	0.056	0.056	0.077	2	490611.446	9184166.286	499.129	490611.300	9184166.275	499.130	-2.668	-0.204	0.100
HV126	Measured	Control	Z			-0.021	0.021	0.060	0.061	0.073	6	486910.115	9184550.130	458.656	486910.006	9184550.247	458.677			0.804
HV127	Measured	Control	Z			-0.013	0.013	0.053	0.059	0.065	11	483678.387	9186056.261	481.507	483678.373	9186056.138	481.520			0.302
HV128	Measured	Control	XYZ	0.008	0.032	0.006	0.034	0.061	0.062	0.076	3	480653.706	9186092.667	459.335	480653.698	9186092.635	459.329	-0.173	-0.678	-0.345
HV131	Measured	Control	Z			-0.011	0.011	0.092	0.088	0.077	2	467574.662	9189233.301	483.632	467574.738	9189233.316	483.643			1.043
HV132	Measured	Control	XYZ	0.160	0.214	0.095	0.283	0.059	0.059	0.075	2	462575.238	9190183.425	471.846	462575.078	9190183.211	471.751	-3.136	-4.209	-4.526
HV134	Measured	Control	XYZ	0.103	-0.107	0.020	0.150	0.056	0.055	0.072	5	462210.233	9187522.459	582.666	462210.130	9187522.566	582.646	-1.910	1.937	-0.700
HV137	Measured	Control	XYZ	-0.050	-0.118	0.115	0.172	0.055	0.057	0.069	6	473084.795	9185495.142	502.178	473084.845	9185495.260	502.062	0.900	2.214	-3.127
HV138	Measured	Control	XYZ	-0.137	-0.112	-0.016	0.178	0.059	0.059	0.075	3	477166.888	9184439.208	496.732	477167.025	9184439.320	496.748	2.683	2.202	0.789

HV145 Measured Control	XYZ	0.097	-0.013	0.033	0.103	0.047	0.046	0.071	5	494896.134	9181764.697	435.571	494896.037	9181764.710	435.538	-1.561	0.205	-0.990
HV162 Measured Control	Z			0.010	0.010	0.079	0.075	0.071	5	495515.317	9163248.914	488.036	495515.339	9163249.366	488.026			-0.308
HV163 Measured Control	Z			-0.014	0.014	0.092	0.098	0.077	2	495271.684	9167833.622	507.351	495271.776	9167833.506	507.365			1.260
HV164 Measured Control	XYZ	-0.102	0.071	0.002	0.124	0.054	0.054	0.075	3	495798.338	9172008.305	458.300	495798.440	9172008.234	458.298	1.805	-1.270	-0.085
HV165 Measured Control	XYZ	-0.026	-0.003	-0.038	0.046	0.059	0.059	0.076	3	495918.234	9175511.880	463.214	495918.260	9175511.883	463.252	0.505	0.064	2.059
HV166 Measured Control	XYZ	0.029	0.003	0.032	0.043	0.051	0.049	0.072	6	495670.529	9178305.488	517.740	495670.500	9178305.485	517.708	-0.487	-0.053	-1.052
HV173 Measured Control	Z			0.021	0.021	0.116	0.103	0.077	2	497820.009	9161140.935	455.727	497819.861	9161140.924	455.706			-2.277
HV175 Measured Control	XYZ	0.141	0.004	0.016	0.142	0.059	0.058	0.076	3	498504.761	9152083.555	452.095	498504.620	9152083.551	452.079	-2.733	-0.081	-0.909
HV-501 Measured Control	XYZ	-0.101	0.069	0.048	0.131	0.076	0.076	0.076	3	431334.953	9216109.180	418.045	431335.054	9216109.111	417.997	5.739	-3.953	-2.982
HV-502 Measured Control	XYZ	-0.150	-0.064	0.002	0.163	0.058	0.059	0.077	2	437013.798	9214031.945	455.343	437013.948	9214032.009	455.341	2.904	1.237	-0.157
HV-503 Measured Control	XYZ	-0.068	0.193	0.103	0.229	0.050	0.050	0.072	5	443601.897	9213765.752	451.904	443601.965	9213765.559	451.801	1.130	-3.217	-3.597
HV-504 Measured Control	XYZ	0.053	0.093	-0.015	0.108	0.052	0.052	0.075	3	442860.640	9213442.537	451.888	442860.587	9213442.444	451.903	-0.915	-1.597	0.736
HV-505 Measured Control	XYZ	-0.030	-0.132	0.016	0.137	0.055	0.055	0.077	2	448752.759	9210572.526	463.014	448752.789	9210572.658	462.998	0.547	2.415	-1.326
HV-506 Measured Control	XYZ	-0.022	0.014	0.033	0.042	0.045	0.045	0.071	6	449630.995	9211208.160	439.012	449631.017	9211208.146	438.979	0.348	-0.218	-0.981
HV-507 Measured Control	XYZ	0.061	0.004	-0.040	0.073	0.049	0.049	0.073	6	452996.814	9212684.309	424.472	452996.753	9212684.305	424.512	-1.001	-0.063	1.431
HV-508 Measured Control	Z			-0.016	0.016	0.057	0.056	0.068	5	454640.720	9206681.479	478.018	454640.733	9206681.449	478.034			0.436
HV-509 Measured Control	XYZ	-0.034	-0.010	-0.018	0.040	0.053	0.051	0.076	3	456436.775	9201629.657	409.674	456436.809	9201629.667	409.692	0.599	0.174	0.946
HV-510 Measured Control	XYZ	0.031	0.043	-0.017	0.055	0.052	0.053	0.075	3	457911.444	9196102.134	452.783	457911.413	9196102.091	452.800	-0.542	-0.745	0.773
HV-511 Measured Control	XYZ	-0.094	-0.061	-0.014	0.113	0.050	0.051	0.075	3	460128.629	9189602.628	468.142	460128.723	9189602.689	468.156	1.573	1.036	0.649
HV-512 Measured Control	XYZ	0.037	-0.022	-0.006	0.044	0.060	0.062	0.076	2	466818.882	9190107.615	480.495	466818.845	9190107.637	480.501	-0.735	0.472	0.397
HV-513 Measured Control	XYZ	-0.077	0.005	-0.003	0.078	0.057	0.057	0.077	2	471535.671	9187260.153	427.750	471535.748	9187260.148	427.753	1.455	-0.101	0.246
HV-515 Measured Control	XYZ	0.021	0.059	-0.009	0.063	0.066	0.064	0.077	2	479053.256	9185996.835	468.499	479053.235	9185996.776	468.508	-0.506	-1.340	0.644
HV-516 Measured Control	XYZ	-0.028	0.057	0.108	0.126	0.046	0.047	0.071	6	484842.962	9185913.624	444.288	484842.990	9185913.567	444.180	0.446	-0.920	-3.264
HV-517 Measured Control	XYZ	-0.118	-0.029	0.020	0.123	0.055	0.054	0.076	2	489201.858	9183411.489	531.705	489201.976	9183411.518	531.685	2.150	0.515	-1.299
HV-518 Measured Control	XYZ	0.082	0.016	0.037	0.092	0.046	0.046	0.072	5	495043.237	9183050.416	425.458	495043.155	9183050.400	425.421	-1.310	-0.251	-1.213
HV-519 Measured Control	XYZ	-0.049	0.007	-0.004	0.050	0.058	0.059	0.077	2	496157.014	9177324.712	458.415	496157.063	9177324.712	458.419	0.939	-0.145	0.342
HV-520 Measured Control	XYZ	0.053	-0.024	0.068	0.089	0.052	0.050	0.071	5	495967.222	9166240.889	435.698	495967.169	9166240.913	435.630	-0.913	0.394	-2.133
HV-521 Measured Control	XYZ	-0.046	-0.058	0.024	0.078	0.052	0.050	0.073	4	495904.122	9159328.591	487.228	495904.168	9159328.649	487.204	0.790	0.982	-0.878
HV-522 Measured Control	XYZ	0.025	0.047	0.004	0.053	0.054	0.054	0.077	2	499430.924	9149391.614	438.017	499430.899	9149391.567	438.013	-0.442	-0.827	-0.254
Laser01 Measured Control	XYZ	0.005	-0.012	0.000	0.013	0.076	0.074	0.001	3	499484.411	9146710.740	471.031	499484.407	9146710.752	471.031	-0.246	0.504	-0.699
Laser02 Measured Control	XYZ	0.020	0.005	0.000	0.021	0.055	0.054	0.001	3	499664.461	9149104.807	437.283	499664.441	9149104.802	437.283	-0.361	-0.084	-1.702
Laser03 Measured Control	XYZ	0.021	-0.098	0.000	0.100	0.050	0.050	0.001	3	499381.484	9149299.076	451.788	499381.463	9149299.174	451.788	-0.346	1.081	0.610
Laser04 Measured Control	XYZ	0.049	0.082	0.000	0.095	0.050	0.050	0.001	3	499382.280	9149317.634	452.009	499382.231	9149317.552	452.009	-0.817	-1.359	0.648
Laser05 Measured Control	XYZ	-0.172	0.024	0.000	0.174	0.066	0.063	0.001	2	496432.616	9153428.783	477.283	496432.788	9153428.759	477.283	4.082	-0.528	-4.529
Laser06 Measured Control	XYZ	0.060	0.017	0.000	0.062	0.047	0.048	0.001	6	498003.523	9152941.676	465.622	498003.463	9152941.660	465.622	-0.970	-0.269	0.405
Laser07 Measured Control	XYZ	0.065	0.071	0.000	0.096	0.060	0.061	0.001	3	497268.942	9160907.940	460.648	497268.877	9160907.869	460.648	-1.292	-1.464	0.587
Laser08 Measured Control	XYZ	-0.249	-0.027	0.000	0.250	0.062	0.062	0.001	2	494853.618	9159911.401	496.940	494853.867	9159911.429	496.940	5.316	0.577	-3.296
Laser09 Measured Control	XYZ	0.179	0.073	0.000	0.194	0.063	0.061	0.001	3	497200.101	9169807.687	443.441	497199.922	9169807.613	443.441	-3.887	-1.513	-2.207
Laser10 Measured Control	XYZ	-0.083	-0.180	0.000	0.199	0.056	0.056	0.001	3	496880.733	9170147.498	462.820	496880.816	9170147.678	462.820	1.538	3.352	-0.262
Laser101 Measured Control	Z			0.000	0.000	0.103	0.102	0.001	3	431346.986	9216138.424	413.985	431346.815	9216138.134	413.986			0.031
Laser102 Measured Control	XYZ	-0.079	-0.024	0.000	0.083	0.047	0.047	0.001	5	458051.360	9196573.899	465.998	458051.439	9196573.922	465.998	1.277	0.385	-0.181
Laser103 Measured Control	XYZ	0.055	-0.157	0.000	0.167	0.071	0.072	0.001	3	433830.495	9217273.383	401.220	433830.440	9217273.540	401.220	-1.765	5.308	4.393
Laser104 Measured Control	Z			0.000	0.000	0.071	0.076	0.001	5	435801.969	9214831.676	450.790	435802.120	9214831.670	450.790			0.886
Laser105 Measured Control	Z			0.000	0.000	0.066	0.067	0.001	5	437368.650	9215682.626	443.120	437368.430	9215682.380	443.120			1.766
Laser106 Measured Control	Z			0.000	0.000	0.084	0.086	0.001	3	435712.701	9214657.510	470.340	435712.950	9214657.510	470.340			-0.022
Laser107 Measured Control	XYZ	-0.221	0.166	0.000	0.276	0.061	0.063	0.001	2	438136.924	9213696.733	523.959	438137.145	9213696.567	523.959	4.580	-3.596	0.595
Laser108 Measured Control	Z			0.000	0.000	0.076	0.074	0.001	3	438976.290	9214059.247	510.230	438976.300	9214059.250	510.230			-0.486
Laser109 Measured Control	Z			0.000	0.000	0.068	0.067	0.001	6	439515.398	9215525.405	451.860	439515.100	9215525.140	451.860			1.846
Laser11 Measured Control	Z			0.000	0.000	0.091	0.088	0.001	2	496351.789	9172549.388	449.158	496351.743	9172549.440	449.158			-0.311
Laser111 Measured Control	XYZ	-0.135	-0.006	0.000	0.135	0.051	0.053	0.001	6	441392.435	9213387.874	482.580	441392.570	9213387.880	482.580	2.296	0.099	0.908
Laser113 Measured Control	XYZ	0.119	-0.061	0.000	0.134	0.055	0.054	0.001	3	444389.309	9213681.829	465.090	444389.190	9213681.890	465.090	-2.158	1.082	1.862
Laser114 Measured Control	XYZ	-0.144	0.014	0.000	0.145	0.051	0.049	0.001	5	451761.896	9210099.824	695.280	451762.040	9210099.810	695.280	2.454	-0.237	-4.131
Laser115 Measured Control	XYZ	-0.157	-0.150	0.000	0.217	0.050	0.050	0.001	4	454282.783	9206721.752	501.173	454282.939	9206721.902	501.173	2.612	2.492	-0.669
Laser116 Measured Control	XYZ	0.097	0.133	0.000	0.165	0.049	0.049	0.001	4	454404.689	9206758.556	498.718	454404.592	9206758.422	498.718	-1.603	-2.199	0.040
Laser117 Measured Control	XYZ	0.063	0.066	0.000	0.091	0.049	0.049	0.001	4	454421.863	9206758.316	498.890	454421.800	9206758.250	498.890	-1.042	-1.086	2.545
Laser118 Measured Control	XYZ	-0.053	-0.031	0.000	0.062	0.062	0.061	0.001	3	455443.824	9203237.584	417.255	455443.878	9203237.615	417.255	1.087	0.657	0.891
Laser119 Measured Control	XYZ	0.235	0.146	0.000	0.277	0.060	0.061	0.001	3	458517.805	9199650.106	467.040	458517.570	9199649.960	467.040	-4.762	-2.968	-3.340
Laser12 Measured Control	XYZ	0.120	-0.044	0.000	0.128	0.063	0.062	0.001	2	496797.132	9178524.481	436.384	496797.012	9178524.525	436.384	-2.635	0.935	-2.389

Laser121	Measured	Control	XYZ	-0.164	-0.042	0.000	0.169	0.060	0.057	0.001	4	456497.476	9198130.828	471.680	456497.640	9198130.870	471.680	3.288	0.787	-1.701
Laser122	Measured	Control	XYZ	-0.080	-0.100	0.000	0.128	0.049	0.048	0.001	6	458404.322	9196854.994	445.412	458404.402	9196855.094	445.412	1.333	1.620	-1.545
Laser123	Measured	Control	XYZ	-0.112	-0.103	0.000	0.152	0.056	0.055	0.001	4	466221.218	9189310.006	482.204	466221.331	9189310.109	482.204	2.066	1.864	-6.528
Laser124	Measured	Control	XYZ	0.065	0.119	0.000	0.136	0.047	0.047	0.001	5	485021.447	9185837.143	440.430	485021.382	9185837.024	440.430	-1.045	-1.905	-0.122
Laser125	Measured	Control	XYZ	0.246	-0.026	0.000	0.248	0.063	0.061	0.001	6	458649.976	9193996.874	475.150	458649.730	9193996.900	475.150	-5.368	0.541	-1.403
Laser126	Measured	Control	Z			0.000	0.000	0.087	0.094	0.001	3	457960.017	9193740.223	552.840	457960.110	9193740.260	552.840			0.274
Laser128	Measured	Control	XYZ	0.007	-0.138	0.000	0.138	0.069	0.062	0.001	2	463062.087	9190776.932	430.360	463062.080	9190777.070	430.360	-0.202	2.900	0.939
Laser129	Measured	Control	XYZ	-0.120	0.021	0.000	0.122	0.049	0.050	0.001	3	461294.847	9188908.347	476.763	461294.967	9188908.327	476.763	1.994	-0.341	-1.034
Laser13	Measured	Control	XYZ	-0.074	-0.008	0.000	0.074	0.063	0.063	0.001	3	493981.438	9179956.397	565.840	493981.511	9179956.405	565.840	1.606	0.170	-4.421
Laser130	Measured	Control	XYZ	-0.078	0.156	0.000	0.175	0.054	0.053	0.001	5	462067.197	9187611.094	576.919	462067.276	9187610.938	576.919	1.389	-2.737	3.241
Laser131	Measured	Control	Z			0.000	0.000	0.102	0.097	0.001	2	463337.402	9188739.895	480.070	463337.120	9188739.580	480.070			0.121
Laser132	Measured	Control	XYZ	0.092	0.114	0.000	0.147	0.064	0.065	0.001	5	468312.599	9188414.484	507.681	468312.507	9188414.370	507.681	-2.076	-2.623	-1.375
Laser133	Measured	Control	Z			0.000	0.000	0.096	0.101	0.001	3	470419.386	9186241.558	514.510	470419.530	9186241.670	514.510			-0.288
Laser134	Measured	Control	Z			0.000	0.000	0.093	0.087	0.001	3	476587.798	9185562.081	435.580	476587.790	9185562.390	435.580			-1.406
Laser135	Measured	Control	XYZ	0.086	0.075	0.000	0.115	0.052	0.056	0.001	5	476622.198	9184683.433	457.599	476622.112	9184683.358	457.599	-1.499	-1.387	0.514
Laser136	Measured	Control	XYZ	0.011	-0.108	0.000	0.108	0.059	0.063	0.001	5	481475.641	9185527.232	498.400	481475.630	9185527.340	498.400	-0.207	2.351	-0.618
Laser137	Measured	Control	Z			0.000	0.000	0.050	0.052	0.001	9	484675.549	9186035.641	437.540	484675.420	9186035.380	437.540			-1.587
Laser138	Measured	Control	XYZ	-0.079	-0.163	0.000	0.181	0.047	0.047	0.001	5	485271.624	9185590.019	447.234	485271.704	9185590.182	447.234	1.268	2.620	4.004
Laser139	Measured	Control	XYZ	0.102	-0.051	0.000	0.114	0.046	0.047	0.001	8	485285.122	9185049.469	460.110	485285.020	9185049.520	460.110	-1.622	0.824	0.207
Laser14	Measured	Control	XYZ	0.190	0.142	0.000	0.237	0.053	0.052	0.001	3	495468.050	9183316.165	406.970	495467.861	9183316.023	406.970	-3.319	-2.460	-2.323
Laser140	Measured	Control	XYZ	0.112	0.034	0.000	0.117	0.050	0.052	0.001	9	486398.344	9184183.553	468.459	486398.232	9184183.519	468.460	-1.880	-0.588	1.843
Laser141	Measured	Control	XYZ	-0.075	-0.078	0.000	0.108	0.049	0.049	0.001	4	487642.080	9183817.165	496.993	487642.155	9183817.243	496.993	1.226	1.289	-1.375
Laser142	Measured	Control	XYZ	-0.044	-0.197	0.000	0.202	0.061	0.058	0.001	5	488469.337	9182616.065	517.142	488469.382	9182616.262	517.142	0.902	3.776	1.146
Laser144	Measured	Control	XYZ	0.030	0.028	0.000	0.041	0.060	0.061	0.001	2	488422.960	9184882.398	523.390	488422.930	9184882.370	523.390	-0.609	-0.584	1.204
Laser145	Measured	Control	XYZ	0.123	0.113	0.000	0.167	0.056	0.056	0.001	5	496540.696	9182271.293	447.259	496540.574	9182271.179	447.259	-2.276	-2.097	-2.968
Laser146	Measured	Control	Z			0.000	0.000	0.090	0.093	0.001	3	493203.377	9183462.632	448.360	493203.420	9183462.580	448.360			-0.056
Laser148	Measured	Control	Z			0.000	0.000	0.064	0.065	0.001	4	496330.926	9181653.739	440.100	496330.960	9181653.790	440.100			2.183
Laser149	Measured	Control	XYZ	-0.174	0.055	0.000	0.183	0.053	0.052	0.001	4	496186.006	9180855.145	441.930	496186.180	9180855.090	441.930	3.027	-0.945	2.914
Laser15	Measured	Control	XYZ	-0.185	-0.142	0.000	0.234	0.047	0.047	0.001	6	494780.847	9183108.410	434.216	494781.033	9183108.552	434.216	2.968	2.275	3.567
Laser150	Measured	Control	Z			0.000	0.000	0.066	0.062	0.001	3	495265.511	9181052.238	516.770	495265.520	9181052.440	516.770			0.828
Laser152	Measured	Control	Z			0.000	0.000	0.085	0.095	0.001	2	494292.990	9179010.732	651.020	494293.180	9179010.420	651.020			1.644
Laser153	Measured	Control	Z			0.000	0.000	0.077	0.079	0.001	4	494908.928	9176230.606	626.090	494908.900	9176230.630	626.090			-0.499
Laser154	Measured	Control	Z			0.000	0.000	0.084	0.081	0.001	3	494373.215	9175510.184	566.450	494373.240	9175510.100	566.450			-0.928
Laser155	Measured	Control	Z			0.000	0.000	0.061	0.060	0.001	5	494613.379	9174250.342	541.110	494613.390	9174250.340	541.110			2.333
Laser156	Measured	Control	XYZ	-0.033	0.152	0.000	0.155	0.051	0.050	0.001	6	494573.067	9173875.301	503.396	494573.100	9173875.149	503.397	0.561	-2.531	1.434
Laser157	Measured	Control	XYZ	-0.073	-0.156	0.000	0.172	0.051	0.050	0.001	5	494640.231	9173679.707	489.727	494640.304	9173679.862	489.727	1.238	2.588	-1.633
Laser158	Measured	Control	Z			0.000	0.000	0.063	0.059	0.001	6	494685.068	9171561.171	468.820	494685.210	9171561.090	468.820			0.184
Laser159	Measured	Control	Z			0.000	0.000	0.082	0.086	0.001	3	493778.152	9171338.010	490.390	493778.340	9171337.920	490.390			0.105
Laser16	Measured	Control	XYZ	-0.147	-0.039	0.000	0.152	0.069	0.067	0.001	2	491239.675	9182645.090	590.752	491239.822	9182645.130	590.752	3.960	0.992	-2.810
Laser160	Measured	Control	XYZ	-0.060	0.060	0.000	0.085	0.067	0.067	0.001	2	493559.121	9170123.854	499.907	493559.181	9170123.794	499.907	1.508	-1.540	-0.943
Laser161	Measured	Control	Z			0.000	0.000	0.075	0.076	0.001	4	494298.105	9169643.290	515.400	494298.200	9169643.130	515.400			1.989
Laser163	Measured	Control	Z			0.000	0.000	0.088	0.089	0.001	3	496398.303	9168090.470	478.230	496398.160	9168090.530	478.230			0.091
Laser164	Measured	Control	XYZ	0.139	-0.008	0.000	0.139	0.065	0.066	0.001	3	497636.644	9162902.088	441.463	497636.506	9162902.096	441.463	-3.266	0.191	-2.234
Laser165	Measured	Control	Z			0.000	0.000	0.099	0.094	0.001	2	495598.326	9156856.316	492.660	495598.390	9156856.400	492.660			-0.941
Laser166	Measured	Control	XYZ	-0.099	-0.148	0.000	0.178	0.054	0.052	0.001	6	496376.932	9156395.634	487.113	496377.030	9156395.782	487.113	1.750	2.556	-4.613
Laser167	Measured	Control	XYZ	0.076	0.041	0.000	0.086	0.059	0.060	0.001	2	496531.197	9155030.271	497.421	496531.121	9155030.230	497.421	-1.495	-0.812	0.717
Laser168	Measured	Control	Z			0.000	0.000	0.087	0.084	0.001	3	498977.813	9150823.247	439.850	498977.660	9150823.210	439.850			-0.055
Laser169	Measured	Control	Z			0.000	0.000	0.075	0.075	0.001	4	498296.479	9150643.215	437.970	498296.470	9150643.210	437.970			1.295
Laser17	Measured	Control	XYZ	0.085	0.086	0.000	0.121	0.054	0.054	0.001	3	490671.985	9184198.936	501.850	490671.900	9184198.850	501.850	-1.523	-1.544	2.257
Laser170	Measured	Control	Z			0.000	0.000	0.106	0.106	0.001	2	497555.321	9150372.931	500.080	497555.430	9150372.980	500.080			-0.974
Laser171	Measured	Control	Z			0.000	0.000	0.096	0.090	0.001	5	499381.801	9147337.271	491.760	499381.700	9147337.290	491.760			0.320
Laser172	Measured	Control	Z			0.000	0.000	0.094	0.087	0.001	6	499451.709	9147561.965	482.570	499451.630	9147562.030	482.570			0.245
Laser18	Measured	Control	XYZ	0.066	-0.055	0.000	0.086	0.052	0.057	0.001	9	475397.389	9184536.849	496.621	475397.323	9184536.904	496.621	-1.137	1.022	0.400
Laser19	Measured	Control	XYZ	0.021	0.017	0.000	0.027	0.054	0.055	0.001	5	473574.765	9185019.651	508.026	473574.744	9185019.634	508.026	-0.370	-0.305	4.406
Laser20	Measured	Control	XYZ	0.028	0.084	0.000	0.089	0.057	0.057	0.001	2	471557.629	9187236.164	429.585	471557.601	9187236.080	429.585	-0.532	-1.576	-0.103
Laser21	Measured	Control	XYZ	0.068	-0.028	0.000	0.073	0.057	0.057	0.001	2	471555.944	9187257.198	429.523	471555.876	9187257.226	429.523	-1.278	0.520	0.585
Laser22	Measured	Control	XYZ	-0.060	0.030	0.000	0.067	0.051	0.051	0.001	3	465184.801	9191007.715	424.957	465184.861	9191007.685	424.957	1.027	-0.502	0.153
Laser23	Measured	Control	XYZ	0.062	0.072	0.000	0.095	0.051	0.051	0.001	3	465146.943	9190986.072	422						

Laser24	Measured	Control	XYZ	0.126	0.080	0.000	0.149	0.051	0.051	0.001	3	465123.041	9191041.932	424.078	465122.915	9191041.851	424.078	-2.153	-1.368	0.325
Laser25	Measured	Control	XYZ	-0.061	-0.028	0.000	0.067	0.053	0.052	0.001	3	465078.541	9191108.995	416.336	465078.602	9191109.022	416.336	1.069	0.479	-0.924
Laser26	Measured	Control	XYZ	0.221	-0.174	0.000	0.281	0.059	0.059	0.001	3	462091.265	9191128.263	434.551	462091.044	9191128.438	434.551	-4.338	3.457	-1.876
Laser27	Measured	Control	XYZ	-0.018	0.017	0.000	0.024	0.051	0.051	0.001	3	462062.209	9190573.784	459.319	462062.226	9190573.767	459.319	0.297	-0.290	0.429
Laser28	Measured	Control	XYZ	-0.104	-0.040	0.000	0.111	0.051	0.052	0.001	3	460022.282	9189488.540	472.750	460022.386	9189488.560	472.750	1.779	0.685	1.060
Laser29	Measured	Control	XYZ	-0.142	0.121	0.000	0.187	0.044	0.045	0.001	6	460332.406	9189718.615	459.803	460332.548	9189718.494	459.803	2.207	-1.891	0.621
Laser30	Measured	Control	XYZ	0.074	-0.135	0.000	0.154	0.051	0.051	0.001	3	457437.478	9200982.049	414.623	457437.404	9200982.184	414.623	-1.248	2.292	0.230
Laser31	Measured	Control	XYZ	-0.127	0.082	0.000	0.151	0.051	0.050	0.001	3	457359.654	9201065.863	414.654	457359.781	9201065.782	414.654	2.145	-1.373	0.157
Laser32	Measured	Control	XYZ	0.013	-0.140	0.000	0.141	0.058	0.060	0.001	2	455926.584	9201088.711	429.657	455926.571	9201088.852	429.657	-0.246	2.827	-1.200
Laser33	Measured	Control	XYZ	-0.028	-0.178	0.000	0.180	0.062	0.063	0.001	3	454547.305	9208787.672	441.180	454547.333	9208787.849	441.180	0.592	3.822	-0.767
Laser34	Measured	Control	Z			0.000	0.000	0.071	0.072	0.001	3	453720.846	9210501.291	428.174	453720.758	9210501.127	428.174			-0.422
Laser35	Measured	Control	Z			0.000	0.000	0.070	0.072	0.001	3	453714.480	9210530.556	427.561	453714.373	9210530.357	427.561			-0.240
Laser36	Measured	Control	XYZ	0.041	0.145	0.000	0.151	0.056	0.053	0.001	3	453365.973	9212076.630	420.050	453365.932	9212076.485	420.050	-0.761	-2.556	-1.633
Laser37	Measured	Control	Z			0.000	0.000	0.072	0.068	0.001	3	453363.428	9212099.472	419.931	453363.358	9212099.555	419.931			-1.590
Laser38	Measured	Control	XYZ	0.067	-0.084	0.000	0.107	0.062	0.060	0.001	3	435529.020	9215673.945	461.000	435528.954	9215674.029	461.000	-1.394	1.703	0.017
Laser39	Measured	Control	Z			0.000	0.000	0.081	0.079	0.001	3	435517.188	9215670.324	460.887	435517.425	9215670.309	460.887			0.791
Laser40	Measured	Control	XYZ	0.235	0.078	0.000	0.248	0.067	0.067	0.001	3	438841.827	9216757.261	482.578	438841.592	9216757.183	482.578	-5.934	-1.924	-3.159
Laser41	Measured	Control	XYZ	0.104	0.106	0.000	0.149	0.058	0.058	0.001	3	446621.075	9213230.527	489.819	446620.971	9213230.421	489.819	-2.016	-2.064	-2.163
Laser42	Measured	Control	XYZ	0.128	0.132	0.000	0.184	0.050	0.050	0.001	6	446731.103	9212290.490	439.137	446730.974	9212290.358	439.138	-2.137	-2.201	2.253
Laser43	Measured	Control	XYZ	-0.196	-0.219	0.000	0.293	0.058	0.058	0.001	2	444930.420	9211467.548	480.631	444930.615	9211467.766	480.631	3.741	4.167	-0.774
LaserC01	Measured	Control	Z			0.000	0.000	0.065	0.064	0.001	3	499537.194	9149291.980	433.050	499536.990	9149291.680	433.050			0.196
LaserC02	Measured	Control	Z			0.000	0.000	0.080	0.086	0.001	3	498053.497	9194980.436	446.830	498053.540	9194980.440	446.830			0.190
LaserC04	Measured	Control	Z			0.000	0.000	0.063	0.062	0.001	5	496801.021	9156670.123	490.460	496800.990	9156669.980	490.460			1.003
LaserC05	Measured	Control	Z			0.000	0.000	0.072	0.074	0.001	3	497224.498	9155720.503	489.280	497224.370	9155720.550	489.280			-0.249
LaserC06	Measured	Control	Z			0.000	0.000	0.103	0.099	0.001	3	494956.025	9167761.070	490.370	494956.170	9167760.960	490.370			-0.935
LaserC07	Measured	Control	Z			0.000	0.000	0.054	0.052	0.001	6	494879.970	9181667.480	428.480	494880.000	9181667.600	428.480			1.111
LaserC08	Measured	Control	Z			0.000	0.000	0.058	0.062	0.001	6	487602.238	9183288.403	462.260	487602.280	9183288.250	462.260			1.250
LaserC09	Measured	Control	Z			0.000	0.000	0.054	0.055	0.001	5	488309.233	9183924.941	507.190	488309.280	9183924.870	507.190			-1.082
LaserC10	Measured	Control	Z			0.000	0.000	0.059	0.060	0.001	6	486625.947	9184526.616	445.480	486625.750	9184526.790	445.480			-0.158
LaserC11	Measured	Control	Z			0.000	0.000	0.070	0.077	0.001	6	479734.360	9185245.653	496.390	479734.420	9185245.590	496.390			-3.538
LaserC12	Measured	Control	Z			0.000	0.000	0.066	0.068	0.001	5	472906.521	9185669.559	497.510	472906.480	9185669.620	497.510			-1.242
LaserC13	Measured	Control	Z			0.000	0.000	0.085	0.081	0.001	3	467988.915	9188800.886	489.130	467988.930	9188801.030	489.130			1.225
LaserC14	Measured	Control	Z			0.000	0.000	0.074	0.073	0.001	3	465873.726	9189289.217	477.850	465873.650	9189289.130	477.850			0.993
LaserC15	Measured	Control	Z			0.000	0.000	0.082	0.079	0.001	3	457659.071	9195286.811	459.010	457659.030	9195286.720	459.010			-0.985
LaserC16	Measured	Control	Z			0.000	0.000	0.066	0.064	0.001	4	457842.140	9195956.701	450.960	457842.080	9195956.670	450.960			-0.742
LaserC17	Measured	Control	Z			0.000	0.000	0.077	0.079	0.001	2	455964.959	9201334.815	417.780	455964.990	9201334.940	417.780			0.813
LaserC18	Measured	Control	Z			0.000	0.000	0.076	0.075	0.001	3	456939.585	9202894.564	403.920	456939.580	9202894.510	403.920			-1.274
LaserC19	Measured	Control	Z			0.000	0.000	0.047	0.048	0.001	9	449487.930	9211039.000	448.260	449487.730	9211039.110	448.260			1.590
LaserC20	Measured	Control	Z			0.000	0.000	0.052	0.052	0.001	6	449622.494	9211238.582	432.390	449622.470	9211238.580	432.390			0.068
LaserC21	Measured	Control	Z			0.000	0.000	0.081	0.079	0.001	3	435637.504	9215622.489	457.130	435637.650	9215622.450	457.130			0.921
LaserC22	Measured	Control	Z			0.000	0.000	0.077	0.083	0.001	5	434734.327	9215546.398	488.890	434734.560	9215546.620	488.890			-1.444
M-001	Measured	Control	XYZ	-0.134	-0.050	-0.054	0.153	0.048	0.048	0.070	6	498776.921	9149804.120	441.205	498777.055	9149804.170	441.259	2.178	0.819	1.589
M-001A	Measured	Control	XYZ	-0.107	0.044	0.025	0.118	0.048	0.048	0.069	6	498015.862	9152924.861	462.636	498015.969	9152924.817	462.611	1.730	-0.714	-0.701
M-002	Measured	Control	XYZ	0.076	-0.042	-0.117	0.146	0.048	0.048	0.070	6	497486.634	9153371.030	460.185	497486.558	9153371.072	460.302	-1.248	0.682	3.321
M-002A	Measured	Control	Z			-0.050	0.050	0.064	0.062	0.071	5	497118.467	9155900.063	481.338	497118.424	9155900.108	481.388			1.596
M-003	Measured	Control	Z			-0.019	0.019	0.060	0.060	0.073	6	496686.025	9158189.031	474.505	496685.891	9158188.938	474.524			0.692
M-003A	Measured	Control	Z			-0.168	0.168	0.058	0.056	0.068	9	496384.836	9157764.893	498.105	496384.864	9157764.808	498.273			4.389
M-004	Measured	Control	Z			-0.004	0.004	0.074	0.072	0.076	3	496754.011	9160583.293	464.912	496754.007	9160583.369	464.916			0.247
M-004A	Measured	Control	Z			-0.078	0.078	0.074	0.072	0.070	4	495775.437	9163992.031	474.957	495775.453	9163992.357	475.035			2.257
M-004B	Measured	Control	XYZ	-0.128	0.040	0.008	0.134	0.049	0.048	0.068	6	495772.790	9165399.078	422.561	495772.918	9165399.038	422.553	2.110	-0.651	-0.203
M-005	Measured	Control	Z			-0.030	0.030	0.069	0.071	0.076	3	495392.732	9166193.070	441.286	495392.788	9166193.025	441.317			1.579
M-005A	Measured	Control	Z			0.005	0.005	0.079	0.081	0.070	5	495027.473	9168935.955	501.862	495027.252	9168935.954	501.857			-0.142
M-006	Measured	Control	Z			-0.049	0.049	0.071	0.067	0.075	3	496541.186	9170142.678	480.107	496540.995	9170142.631	480.155			2.384
M-007	Measured	Control	Z			0.000	0.000	0.060	0.058	0.00										

M-013	Measured	Control	Z	0.000	0.000	0.080	0.077	0.001	3	477234.056	9184236.885	518.505	477233.861	9184237.208	518.505	-0.542
M-014	Measured	Control	Z	0.000	0.000	0.081	0.079	0.001	3	472793.780	9186406.392	473.184	472793.882	9186406.480	473.185	0.527
M-016	Measured	Control	Z	0.000	0.000	0.062	0.061	0.001	6	466069.222	9189483.307	483.308	466069.057	9189483.249	483.308	3.867
M-017	Measured	Control	Z	0.000	0.000	0.066	0.061	0.001	3	461691.392	9189909.462	460.268	461691.353	9189909.443	460.268	-0.863
M-018	Measured	Control	Z	0.000	0.000	0.062	0.061	0.001	5	459422.088	9191410.374	455.354	459422.084	9191410.548	455.354	3.528
M-019	Measured	Control	Z	0.000	0.000	0.071	0.067	0.001	5	457564.144	9195588.040	456.663	457564.075	9195587.972	456.663	0.163
M-020	Measured	Control	Z	0.000	0.000	0.053	0.053	0.001	5	457390.790	9197682.860	517.575	457390.841	9197682.901	517.575	1.905
M-021	Measured	Control	Z	0.000	0.000	0.071	0.071	0.001	3	456677.048	9202788.724	411.521	456677.049	9202788.754	411.521	0.736
M-022	Measured	Control	Z	0.000	0.000	0.100	0.103	0.001	2	454800.616	9204719.846	452.369	454800.474	9204719.996	452.369	-0.175
M-024	Measured	Control	Z	0.000	0.000	0.074	0.074	0.001	3	453844.098	9210721.543	422.528	453844.012	9210721.381	422.528	-0.056
M-025	Measured	Control	Z	0.000	0.000	0.052	0.053	0.001	6	450592.777	9211378.597	456.158	450592.697	9211378.644	456.158	0.817
M-026	Measured	Control	Z	0.000	0.000	0.053	0.053	0.001	7	448898.558	9210821.229	440.491	448898.553	9210821.206	440.491	1.526
M-027	Measured	Control	Z	0.000	0.000	0.064	0.066	0.001	5	442589.257	9212697.424	465.687	442589.314	9212697.492	465.687	0.333
M-028	Measured	Control	Z	0.000	0.000	0.063	0.065	0.001	5	437889.579	9213899.228	519.419	437889.624	9213899.281	519.419	-1.081
RN-04	Measured	Control	Z	0.000	0.000	0.075	0.076	0.001	3	442802.499	9212491.239	474.009	442802.708	9212491.321	474.009	-0.097
RN-06	Measured	Control	Z	0.000	0.000	0.077	0.079	0.001	3	451098.936	9212886.758	417.927	451099.025	9212886.888	417.927	0.522
RN-07	Measured	Control	Z	0.000	0.000	0.056	0.056	0.001	5	458045.453	9196387.207	467.125	458045.553	9196387.139	467.125	0.690
RN-08	Measured	Control	Z	0.000	0.000	0.058	0.057	0.001	6	497223.747	9153280.346	460.322	497223.581	9153280.382	460.322	-1.581
RN-1699N	Measured	Control	Z	-0.001	0.001	0.093	0.091	0.077	2	499158.879	9150508.118	436.963	499158.654	9150508.124	436.964	0.103

PONTOS FOTOGRAMÉTRICOS

Point_Id	Status	Type	Std_Dev_X	Std_Dev_Y	Std_Dev_Z	N.Rays	Computed_X	Computed_Y	Computed_Z
11710357	Pass		0.162	0.093	0.399	3	497912.676	9162481.546	438.149
11710398	Pass		0.146	0.092	0.393	3	497825.937	9162515.099	435.182
11710544	Pass		0.157	0.093	0.394	3	497891.591	9162350.734	444.541
11710846	Pass		0.141	0.091	0.398	3	497752.625	9162145.366	445.482
11710851	Pass		0.150	0.093	0.401	3	497800.327	9162155.266	449.253
11710986	Pass		0.138	0.090	0.394	3	497735.055	9162119.304	450.233
11711002	Pass		0.143	0.089	0.394	3	497766.773	9162001.539	453.911
11711271	Pass		0.138	0.093	0.391	3	497775.737	9162562.026	432.848
11712455	Pass		0.094	0.083	0.362	3	497455.080	9162488.386	443.427
11713129	Pass		0.091	0.082	0.359	3	497430.762	9162505.684	450.042
11713487	Pass		0.117	0.101	0.631	2	497436.691	9162360.975	444.708
11713604	Pass		0.090	0.089	0.372	3	497372.782	9162253.039	453.418
11713605	Pass		0.092	0.084	0.372	3	497400.431	9162155.653	447.390
11713764	Pass		0.092	0.082	0.371	3	497397.087	9162075.749	447.270
11713934	Pass		0.089	0.081	0.366	3	497365.212	9161991.937	456.040
11714015	Pass		0.081	0.081	0.335	3	497283.637	9162547.795	494.029
11715827	Pass		0.085	0.077	0.313	3	496980.556	9162533.572	538.388
11716048	Pass		0.089	0.075	0.311	3	496934.364	9162503.732	541.045
11716283	Pass		0.093	0.079	0.319	3	496832.473	9162199.785	541.274
11716284	Pass		0.086	0.080	0.325	3	496925.635	9162208.797	526.165
11716441	Pass		0.096	0.076	0.318	3	496796.363	9162147.375	544.664
11716690	Pass		0.105	0.081	0.320	3	496770.847	9162631.748	535.872
11717135	Pass		0.100	0.084	0.319	3	496773.407	9162273.861	554.133
11718348	Pass		0.146	0.094	0.373	3	497879.207	9162861.414	428.117
11718421	Pass		0.141	0.093	0.371	3	497851.496	9162817.527	427.411
11718967	Pass		0.141	0.101	0.368	2	497816.718	9162956.835	433.092
11720385	Pass		0.096	0.089	0.343	3	497514.383	9162999.953	448.688
11720440	Pass		0.086	0.084	0.334	3	497392.833	9162954.497	455.125
11720588	Pass		0.088	0.082	0.334	3	497432.582	9162834.779	454.727
11722894	Pass		0.088	0.081	0.326	3	497017.156	9163006.972	470.471
11722947	Pass		0.128	0.123	0.603	2	496944.869	9162907.696	475.009
11723656	Pass		0.111	0.084	0.335	3	496788.817	9163068.718	471.012
11724277	Pass		0.103	0.074	0.312	3	496771.665	9162476.581	543.016
11724531	Pass		0.167	0.103	0.401	3	497984.044	9163252.840	427.114
11724707	Pass		0.154	0.099	0.392	3	497916.506	9163214.929	430.094
11724979	Pass		0.129	0.098	0.377	3	497771.487	9163329.723	435.651
11726339	Pass		0.095	0.092	0.350	3	497499.692	9163373.400	448.548
11726542	Pass		0.087	0.084	0.337	3	497392.552	9163204.551	453.864
11727990	Pass		0.089	0.082	0.331	3	497089.976	9163377.044	451.692
11728113	Pass		0.088	0.080	0.328	3	497094.549	9163315.577	452.761
11728683	Pass		0.098	0.084	0.330	3	496973.596	9163441.876	458.838
11729515	Pass		0.106	0.084	0.330	3	496886.569	9163465.917	463.708
11730744	Pass		0.181	0.118	0.430	3	498048.251	9163673.030	429.775
11730755	Pass		0.221	0.131	0.652	2	497966.400	9163698.841	426.549
11732432	Pass		0.101	0.089	0.350	3	497569.369	9163261.703	450.821
11732616	Pass		0.106	0.104	0.377	3	497603.284	9163777.534	429.954
11732780	Pass		0.108	0.100	0.376	3	497624.695	9163668.188	431.343

11734927	Pass	0.098	0.085	0.335	3	497041.250	9163803.073	450.466
11735085	Pass	0.092	0.084	0.335	3	497126.391	9163725.115	449.797
11735444	Pass	0.095	0.086	0.332	3	497010.491	9163460.554	457.526
11735639	Pass	0.103	0.086	0.335	3	496983.804	9163839.909	455.021
11737218	Pass	0.179	0.133	0.442	3	498040.482	9164006.072	431.153
11737822	Pass	0.177	0.143	0.439	2	498015.309	9164153.233	430.549
11739184	Pass	0.108	0.113	0.380	3	497615.793	9164134.062	427.641
11739187	Pass	0.101	0.111	0.374	3	497540.522	9164184.696	422.286
11739198	Pass	0.118	0.124	0.398	3	497702.980	9164223.015	418.346
11739441	Pass	0.110	0.114	0.385	3	497634.289	9164125.816	420.842
11741467	Pass	0.101	0.089	0.331	3	497089.065	9164199.739	442.419
11741468	Pass	0.103	0.092	0.335	3	497079.280	9164273.884	438.515
11742052	Pass	0.111	0.088	0.330	3	496971.243	9164267.360	442.836
11743553	Pass	0.194	0.170	0.483	3	498097.652	9164507.398	440.702
11744178	Pass	0.166	0.162	0.463	3	497980.237	9164548.878	430.813
11745614	Pass	0.115	0.137	0.407	3	497639.972	9164621.939	418.656
11745668	Pass	0.116	0.141	0.409	3	497642.187	9164665.829	416.991
11746328	Pass	0.106	0.127	0.386	3	497496.236	9164657.819	419.078
11747645	Pass	0.108	0.103	0.356	3	497199.712	9164665.651	422.172
11747658	Pass	0.108	0.099	0.352	3	497157.038	9164627.684	423.021
11747817	Pass	0.118	0.093	0.346	3	497032.329	9164671.353	427.410
11749763	Pass	0.234	0.212	0.713	2	498051.303	9164887.608	426.168
11751013	Pass	0.168	0.208	0.691	2	497812.977	9165003.450	415.854
11751170	Pass	0.133	0.166	0.650	2	497653.480	9164876.127	417.169
11752897	Pass	0.161	0.170	0.641	2	497187.321	9165101.196	416.394
11752898	Pass	0.163	0.158	0.633	2	497164.333	9165057.937	415.831
11753160	Pass	0.151	0.129	0.615	2	497182.348	9164914.841	417.006
11757403	Pass	0.080	0.083	0.307	3	495450.649	9161309.657	552.418
11765214	Pass	0.072	0.075	0.287	3	495614.949	9160983.667	584.649
11772575	Pass	0.079	0.152	0.541	2	495697.172	9160549.456	572.968
11781953	Pass	0.090	0.067	0.316	3	496300.380	9160404.037	483.987
11824835	Pass	0.129	0.078	0.303	3	497286.120	9158156.346	484.021
11844843	Pass	0.070	0.078	0.307	3	497081.211	9156087.209	479.904
11846809	Pass	0.103	0.078	0.338	3	497456.235	9156248.120	475.643
11847103	Pass	0.107	0.082	0.343	3	497469.348	9156439.390	474.096
11847359	Pass	0.134	0.083	0.360	3	497630.763	9156275.216	479.712
11852862	Pass	0.107	0.081	0.322	3	497590.206	9155905.551	490.211
11853022	Pass	0.103	0.081	0.321	3	497557.476	9156005.668	486.891
11853601	Pass	0.122	0.085	0.332	3	497681.878	9155870.832	492.699
11857136	Pass	0.074	0.081	0.315	3	497218.648	9155314.835	503.586
11859414	Pass	0.108	0.084	0.349	3	497664.458	9155507.666	500.855
11859471	Pass	0.105	0.083	0.348	3	497639.196	9155596.706	497.969
11859977	Pass	0.142	0.090	0.374	3	497853.574	9155533.919	504.112
11865593	Pass	0.125	0.089	0.374	3	497858.242	9155089.919	508.117
11865753	Pass	0.119	0.087	0.366	3	497822.160	9155207.052	511.065
11865968	Pass	0.110	0.088	0.363	3	497753.995	9155298.012	506.789
11871442	Pass	0.103	0.084	0.370	3	497817.797	9154758.153	491.006
11871774	Pass	0.103	0.087	0.372	3	497798.817	9154912.932	493.370
11872181	Pass	0.147	0.091	0.406	3	498056.143	9154768.858	495.765
11878128	Pass	0.105	0.083	0.372	3	497949.972	9154324.332	471.503
11878451	Pass	0.100	0.085	0.362	3	497893.064	9154544.565	484.087

11884252	Pass	0.093	0.081	0.349	3	497992.688	9154103.427	460.372
11884864	Pass	0.097	0.080	0.355	3	498041.315	9153987.364	459.263
11886157	Pass	0.145	0.089	0.398	3	498167.280	9154369.511	486.309
11891561	Pass	0.110	0.079	0.355	3	498260.188	9153662.058	462.584
11891633	Pass	0.109	0.081	0.353	3	498246.305	9153739.357	467.673
11891855	Pass	0.097	0.080	0.356	3	498046.001	9153948.937	460.848
11892471	Pass	0.129	0.091	0.370	3	498342.866	9153838.671	472.412
11897317	Pass	0.090	0.075	0.343	3	498264.532	9153141.378	449.887
11898139	Pass	0.099	0.077	0.344	3	498317.883	9153380.883	455.334
11898525	Pass	0.138	0.081	0.372	3	498537.798	9153292.156	463.972
11903937	Pass	0.096	0.073	0.327	3	498423.651	9152858.137	449.069
11904100	Pass	0.100	0.076	0.327	3	498442.684	9153030.779	449.361
11910287	Pass	0.098	0.074	0.346	3	498516.944	9152489.095	444.846
11910609	Pass	0.101	0.078	0.348	3	498529.780	9152700.509	445.059
11910987	Pass	0.123	0.077	0.352	3	498666.781	9152561.943	469.902
11911470	Pass	0.111	0.075	0.339	3	498514.081	9152850.784	446.559
11917149	Pass	0.105	0.078	0.346	3	498658.721	9152094.073	442.266
11917311	Pass	0.089	0.074	0.337	3	498533.672	9152224.833	443.019
11918682	Pass	0.142	0.083	0.353	3	498874.920	9152150.720	484.018
11922202	Pass	0.075	0.080	0.305	3	498134.773	9151936.267	495.906
11923978	Pass	0.124	0.084	0.379	3	498822.589	9151728.024	441.057
11924089	Pass	0.114	0.082	0.372	3	498763.072	9151891.343	441.036
11924609	Pass	0.146	0.087	0.395	3	498936.402	9151716.261	440.494
11928344	Pass	0.081	0.087	0.325	3	498458.601	9151204.487	501.020
11930595	Pass	0.111	0.087	0.379	3	498826.391	9151303.093	444.663
11930753	Pass	0.107	0.084	0.376	3	498783.868	9151463.272	439.087
11931340	Pass	0.147	0.089	0.405	3	499022.217	9151399.922	438.491
11935112	Pass	0.082	0.088	0.318	3	498491.999	9150807.061	494.876
11937100	Pass	0.119	0.089	0.379	3	498986.457	9150913.195	439.906
11937261	Pass	0.114	0.087	0.369	3	498941.902	9151110.859	438.619
11937804	Pass	0.145	0.090	0.399	3	499122.060	9150952.834	435.300
11943708	Pass	0.102	0.083	0.333	3	499037.561	9150619.075	438.448
11943870	Pass	0.098	0.083	0.329	3	498995.366	9150705.499	437.264
11950370	Pass	0.107	0.077	0.358	3	499228.172	9150220.702	442.113
11950523	Pass	0.097	0.079	0.338	3	499147.921	9150369.785	463.347
11950802	Pass	0.121	0.085	0.347	3	499168.374	9150615.140	435.722
11956668	Pass	0.106	0.069	0.350	3	499376.010	9149864.506	438.938
11956813	Pass	0.098	0.072	0.343	3	499311.620	9149993.529	439.576
11957230	Pass	0.106	0.078	0.350	3	499214.996	9150317.246	449.198
11957417	Pass	0.130	0.071	0.366	3	499513.889	9149839.174	447.145
11962797	Pass	0.083	0.064	0.338	3	499338.997	9149468.781	433.049
11963089	Pass	0.088	0.068	0.343	3	499367.706	9149679.003	432.371
11963508	Pass	0.132	0.068	0.368	3	499647.907	9149497.896	435.850
11966698	Pass	0.067	0.071	0.304	3	499037.363	9148977.930	477.462
11969020	Pass	0.099	0.067	0.319	3	499568.408	9149098.186	438.852
11969340	Pass	0.087	0.068	0.316	3	499488.506	9149338.650	433.972
11969730	Pass	0.116	0.069	0.327	3	499680.094	9149109.295	432.781
11973355	Pass	0.080	0.078	0.336	3	499054.346	9148611.193	453.860
11975741	Pass	0.103	0.074	0.355	3	499583.873	9148743.272	464.486
11975894	Pass	0.103	0.072	0.364	3	499587.791	9148878.094	447.387
11980115	Pass	0.089	0.093	0.362	3	499237.342	9148175.673	445.174

11982501	Pass	0.134	0.087	0.407	3	499751.420	9148395.738	435.179
11982824	Pass	0.116	0.083	0.391	3	499649.144	9148532.953	456.709
11983791	Pass	0.133	0.078	0.377	3	499754.930	9148761.752	455.531
11987146	Pass	0.095	0.096	0.341	3	499379.908	9147868.404	484.368
11987467	Pass	0.096	0.087	0.351	3	499257.506	9148045.575	460.225
11988002	Pass	0.098	0.093	0.349	3	499488.174	9147957.227	478.048
11989344	Pass	0.141	0.099	0.391	3	499831.836	9148012.952	478.687
11989464	Pass	0.121	0.095	0.373	3	499714.184	9148080.147	485.721
11990098	Pass	0.193	0.107	0.450	3	500052.754	9148005.539	430.537
11990554	Pass	0.148	0.091	0.411	3	499822.449	9148359.709	448.186
11991729	Pass	0.170	0.108	0.351	3	498896.806	9147436.932	492.360
11992175	Pass	0.141	0.114	0.331	3	499056.201	9147324.435	503.162
11993399	Pass	0.101	0.104	0.313	3	499413.363	9147400.296	490.891
11995668	Pass	0.127	0.106	0.353	3	499836.132	9147589.306	475.337
11995992	Pass	0.136	0.106	0.386	3	499843.327	9147823.197	435.871
11996505	Pass	0.171	0.114	0.397	3	500055.489	9147627.287	468.721
11998092	Pass	0.255	0.135	0.642	2	499030.242	9146910.905	489.532
11998248	Pass	0.167	0.116	0.374	3	499016.972	9147034.520	500.529
12000107	Pass	0.097	0.102	0.347	3	499608.457	9147079.038	498.126
12000213	Pass	0.099	0.096	0.342	3	499558.769	9147228.615	484.622
12000690	Pass	0.098	0.104	0.354	3	499670.403	9147093.139	495.576
12002244	Pass	0.158	0.126	0.440	3	500088.994	9147210.038	478.170
12002403	Pass	0.133	0.114	0.422	3	499952.653	9147264.997	447.682
12002568	Pass	0.135	0.114	0.410	3	499931.919	9147431.390	481.384
12004723	Pass	0.149	0.136	0.416	3	499245.029	9146584.436	460.060
12004739	Pass	0.153	0.131	0.416	3	499210.233	9146629.368	459.235
12005043	Pass	0.169	0.118	0.413	3	499111.925	9146773.386	481.267
12006164	Pass	0.111	0.121	0.397	3	499582.650	9146636.797	450.484
12007046	Pass	0.103	0.106	0.386	3	499616.423	9146775.107	453.208
12007272	Pass	0.098	0.099	0.374	3	499648.215	9146901.097	478.948
12009234	Pass	0.142	0.149	0.461	3	500096.559	9146780.652	462.827
12009395	Pass	0.132	0.133	0.448	3	500039.591	9146893.795	454.431
12009554	Pass	0.130	0.124	0.453	3	499998.652	9147077.947	448.896
12011713	Pass	0.245	0.297	0.802	2	499336.540	9146143.995	459.351
12011737	Pass	0.231	0.267	0.776	2	499354.065	9146205.561	458.712
12011852	Pass	0.263	0.232	0.762	2	499220.742	9146310.697	457.884
12012013	Pass	0.269	0.185	0.738	2	499168.836	9146451.173	462.809
12012969	Pass	0.157	0.234	0.745	2	499677.874	9146274.702	458.619
12013077	Pass	0.148	0.196	0.723	2	499650.711	9146379.920	455.361
12013215	Pass	0.140	0.156	0.704	2	499615.616	9146501.918	455.764
12014947	Pass	0.217	0.248	0.820	2	500168.361	9146384.197	466.953
12015741	Pass	0.239	0.252	0.838	2	500225.727	9146399.581	467.274
12015901	Pass	0.190	0.184	0.771	2	500130.336	9146589.315	462.664
12016061	Pass	0.218	0.170	0.786	2	500214.574	9146760.876	456.663
12042384	Pass	0.127	0.078	0.317	3	497286.046	9158472.964	508.136
12042488	Pass	0.126	0.078	0.320	3	497275.403	9158332.850	496.382
12046557	Pass	0.138	0.084	0.339	3	497357.995	9158954.279	528.833
12046605	Pass	0.133	0.081	0.333	3	497327.340	9158872.256	528.717
12046716	Pass	0.142	0.082	0.338	3	497380.264	9158828.491	526.013
12047323	Pass	0.109	0.075	0.307	3	497164.754	9158457.401	511.675
12049437	Pass	0.089	0.075	0.301	3	496375.177	9159055.998	503.424

12051841	Pass	0.232	0.104	0.610	2	497480.063	9159304.992	511.192
12051984	Pass	0.133	0.084	0.342	3	497374.898	9159192.754	519.140
12052260	Pass	0.174	0.094	0.594	2	497296.683	9159354.488	509.212
12055046	Pass	0.080	0.073	0.320	3	496536.692	9159398.522	469.700
12055074	Pass	0.084	0.069	0.315	3	496486.673	9159307.361	473.271
12057360	Pass	0.144	0.088	0.356	3	497468.124	9159718.778	536.256
12057406	Pass	0.139	0.088	0.353	3	497441.934	9159757.260	539.358
12057517	Pass	0.161	0.089	0.371	3	497558.917	9159613.590	519.228
12059414	Pass	0.081	0.082	0.320	3	497015.003	9159830.473	529.040
12061796	Pass	0.085	0.080	0.326	3	496486.585	9159510.087	471.140
12063475	Pass	0.144	0.088	0.364	3	497536.863	9160077.163	502.878
12063519	Pass	0.140	0.089	0.373	3	497509.363	9160161.210	480.687
12063798	Pass	0.147	0.091	0.352	3	497555.925	9159931.969	540.798
12065669	Pass	0.080	0.084	0.349	3	497061.164	9160249.096	456.183
12065833	Pass	0.086	0.079	0.328	3	497133.228	9160113.588	507.964
12066017	Pass	0.080	0.076	0.321	3	497064.528	9159992.050	512.376
12069930	Pass	0.169	0.092	0.387	3	497720.043	9160505.880	446.522
12070184	Pass	0.147	0.090	0.367	3	497612.533	9160344.297	464.945
12070607	Pass	0.131	0.089	0.370	3	497518.195	9160584.543	447.061
12071304	Pass	0.091	0.085	0.348	3	497238.298	9160618.325	452.870
12072340	Pass	0.083	0.078	0.334	3	497157.001	9160407.803	460.404
12074117	Pass	0.089	0.072	0.324	3	496634.957	9160498.947	463.776
12076035	Pass	0.152	0.090	0.357	3	497716.860	9160872.110	463.209
12076346	Pass	0.160	0.093	0.366	3	497753.161	9160710.359	447.815
12076534	Pass	0.134	0.091	0.350	3	497613.919	9160974.413	467.820
12077171	Pass	0.092	0.085	0.340	3	497311.543	9161001.219	457.401
12077604	Pass	0.088	0.080	0.335	3	497274.570	9160742.254	456.648
12079859	Pass	0.081	0.077	0.310	3	496787.748	9161007.328	526.852
12080016	Pass	0.082	0.072	0.313	3	496773.663	9160885.288	506.265
12080499	Pass	0.091	0.075	0.321	3	496614.476	9160601.143	479.104
12080587	Pass	0.105	0.085	0.323	3	496560.186	9161113.005	530.424
12082025	Pass	0.226	0.099	0.637	2	497738.146	9161382.111	463.433
12082189	Pass	0.144	0.090	0.368	3	497705.274	9161274.032	464.955
12082328	Pass	0.164	0.094	0.378	3	497811.822	9161125.903	460.473
12084397	Pass	0.083	0.079	0.348	3	497240.773	9161189.061	462.710
12084645	Pass	0.088	0.081	0.335	3	497277.619	9160920.120	458.829
12084806	Pass	0.076	0.084	0.345	3	497075.138	9161445.555	488.476
12086212	Pass	0.098	0.082	0.348	3	496709.854	9161458.530	507.805
12086534	Pass	0.092	0.073	0.339	3	496754.431	9161256.739	502.471
12091544	Pass	0.133	0.091	0.390	3	497669.179	9161746.941	451.234
12092353	Pass	0.091	0.085	0.372	3	497351.921	9161766.232	446.197
12092629	Pass	0.089	0.087	0.362	3	497309.007	9161421.383	453.376
12092928	Pass	0.077	0.081	0.334	3	497080.559	9161809.736	513.059
12094176	Pass	0.085	0.084	0.332	3	496885.190	9161878.537	522.821
12094852	Pass	0.098	0.083	0.324	3	496732.413	9161881.255	548.097
12096653	Pass	0.132	0.088	0.387	3	497663.792	9161667.727	452.064
12096656	Pass	0.139	0.089	0.388	3	497708.239	9161635.276	455.307
12096696	Pass	0.140	0.090	0.387	3	497711.576	9161536.494	459.875
12097939	Pass	0.087	0.081	0.365	3	497309.436	9161658.277	449.449
12098437	Pass	0.077	0.076	0.342	3	497079.317	9161622.377	481.244
12099679	Pass	0.086	0.078	0.323	3	496865.598	9161795.631	532.557

12099745	Pass	0.087	0.075	0.323	3	496841.911	9161707.154	525.262
12129482	Pass	0.092	0.096	0.358	3	497441.732	9163754.196	437.951
12151806	Pass	0.163	0.221	0.698	2	497776.672	9165073.617	415.394
12152884	Pass	0.146	0.182	0.650	2	497301.490	9165115.241	415.025
12183541	Pass	0.081	0.073	0.279	3	496309.617	9161633.071	569.492
12183551	Pass	0.085	0.070	0.279	3	496359.841	9161770.207	565.850
12186792	Pass	0.087	0.072	0.300	3	495925.382	9161620.515	544.090
12192845	Pass	0.090	0.073	0.287	3	496432.185	9162076.295	548.278
12193006	Pass	0.084	0.072	0.287	3	496354.830	9162157.823	534.877
12193661	Pass	0.106	0.076	0.293	3	496575.634	9162023.061	560.136
12198617	Pass	0.139	0.084	0.313	3	495426.864	9162437.633	467.473
12198690	Pass	0.138	0.081	0.312	3	495439.314	9162531.320	458.057
12198850	Pass	0.134	0.080	0.310	3	495461.475	9162602.472	458.732
12200200	Pass	0.085	0.075	0.290	3	495893.422	9162616.628	476.395
12200665	Pass	0.081	0.075	0.285	3	495947.528	9162507.184	489.819
12201314	Pass	0.075	0.075	0.285	3	496177.227	9162442.759	498.786
12202822	Pass	0.093	0.074	0.284	3	496492.585	9162476.896	526.718
12202982	Pass	0.091	0.073	0.282	3	496472.339	9162488.288	529.385
12203615	Pass	0.107	0.076	0.288	3	496631.277	9162433.394	542.260
12205776	Pass	0.122	0.083	0.297	3	495579.469	9162826.608	461.157
12205870	Pass	0.136	0.082	0.297	3	495470.351	9162878.735	470.266
12206024	Pass	0.119	0.079	0.292	3	495594.989	9163004.580	462.879
12207453	Pass	0.087	0.077	0.289	3	495906.824	9162871.563	455.216
12207997	Pass	0.081	0.079	0.289	3	495990.499	9162808.589	460.444
12208171	Pass	0.103	0.115	0.528	2	495968.952	9162924.669	463.952
12208263	Pass	0.089	0.135	0.533	2	496065.449	9162829.067	467.229
12208316	Pass	0.078	0.074	0.279	3	496062.108	9162961.942	475.918
12210561	Pass	0.091	0.075	0.287	3	496500.722	9162872.119	491.545
12211410	Pass	0.108	0.079	0.292	3	496664.493	9162782.234	511.639
12211583	Pass	0.094	0.074	0.290	3	496536.069	9162886.007	487.311
12212992	Pass	0.202	0.088	0.511	2	495536.192	9163265.556	491.663
12213200	Pass	0.116	0.079	0.274	3	495626.731	9163395.583	494.616
12213768	Pass	0.107	0.080	0.276	3	495705.916	9163270.050	492.876
12213792	Pass	0.102	0.077	0.270	3	495745.051	9163374.851	496.456
12214585	Pass	0.084	0.075	0.269	3	495955.164	9163391.511	488.371
12215019	Pass	0.078	0.077	0.275	3	496072.691	9163244.602	485.354
12215303	Pass	0.077	0.075	0.272	3	496105.633	9163317.482	486.369
12215826	Pass	0.076	0.077	0.275	3	496143.085	9163242.243	485.102
12216930	Pass	0.115	0.142	0.527	2	496450.464	9162791.653	494.334
12217274	Pass	0.087	0.080	0.291	3	496463.712	9163177.859	472.828
12217406	Pass	0.086	0.076	0.287	3	496455.517	9163260.505	471.253
12217566	Pass	0.095	0.073	0.290	3	496575.688	9163383.903	472.428
12218017	Pass	0.111	0.081	0.305	3	496702.960	9163158.699	469.616
12219780	Pass	0.128	0.079	0.280	3	495557.596	9163758.772	479.064
12219939	Pass	0.126	0.078	0.279	3	495572.721	9163790.909	479.983
12220293	Pass	0.098	0.077	0.270	3	495803.668	9163704.195	487.194
12220491	Pass	0.105	0.076	0.271	3	495738.845	9163835.704	483.242
12221271	Pass	0.083	0.074	0.270	3	495988.633	9163835.826	476.067
12221908	Pass	0.078	0.078	0.273	3	496081.283	9163637.018	479.663
12222199	Pass	0.076	0.074	0.271	3	496145.116	9163827.622	475.238
12222758	Pass	0.075	0.078	0.274	3	496178.355	9163618.494	481.108

12224389	Pass	0.095	0.080	0.289	3	496583.598	9163577.185	479.708
12224412	Pass	0.090	0.079	0.286	3	496539.643	9163593.710	480.830
12224575	Pass	0.085	0.073	0.278	3	496485.322	9163806.341	480.055
12225161	Pass	0.108	0.081	0.298	3	496708.173	9163567.924	474.843
12226487	Pass	0.115	0.076	0.277	3	495682.479	9164144.941	472.528
12226549	Pass	0.115	0.075	0.277	3	495680.553	9164262.357	474.155
12226965	Pass	0.191	0.093	0.541	2	495817.475	9164116.853	470.010
12227749	Pass	0.082	0.073	0.272	3	496009.875	9164188.958	463.150
12228143	Pass	0.079	0.079	0.275	3	496059.152	9164019.424	467.972
12228278	Pass	0.078	0.077	0.274	3	496076.409	9164057.590	465.913
12229009	Pass	0.075	0.078	0.276	3	496287.656	9164017.159	471.299
12230474	Pass	0.091	0.081	0.288	3	496565.220	9163986.786	469.769
12230621	Pass	0.085	0.076	0.281	3	496496.318	9164075.076	471.948
12230782	Pass	0.084	0.073	0.282	3	496494.029	9164217.507	462.096
12231255	Pass	0.112	0.083	0.302	3	496754.002	9163969.089	464.577
12232679	Pass	0.113	0.074	0.288	3	495713.272	9164541.600	462.696
12232706	Pass	0.123	0.074	0.292	3	495638.926	9164569.075	459.838
12232806	Pass	0.115	0.072	0.287	3	495695.361	9164611.919	465.813
12233167	Pass	0.095	0.072	0.283	3	495863.186	9164563.121	462.364
12233578	Pass	0.081	0.074	0.285	3	496027.051	9164499.420	454.810
12234002	Pass	0.081	0.077	0.288	3	496030.825	9164427.490	456.599
12234167	Pass	0.073	0.072	0.286	3	496171.857	9164593.005	448.127
12234664	Pass	0.073	0.078	0.291	3	496242.213	9164415.326	453.468
12236205	Pass	0.089	0.081	0.304	3	496550.661	9164388.210	450.366
12236354	Pass	0.089	0.076	0.300	3	496563.986	9164514.714	445.040
12236357	Pass	0.087	0.076	0.299	3	496546.517	9164503.368	446.399
12236908	Pass	0.165	0.084	0.539	2	496740.243	9164377.773	453.282
12238124	Pass	0.113	0.074	0.294	3	495726.568	9164848.962	458.140
12238157	Pass	0.112	0.072	0.293	3	495728.835	9164898.014	455.588
12238210	Pass	0.112	0.070	0.293	3	495724.954	9164941.396	452.500
12238235	Pass	0.123	0.069	0.300	3	495643.626	9165017.731	445.793
12239083	Pass	0.078	0.070	0.290	3	496047.290	9164935.668	440.684
12239560	Pass	0.073	0.076	0.293	3	496166.101	9164823.038	444.174
12239880	Pass	0.071	0.069	0.292	3	496172.331	9164991.013	435.844
12240400	Pass	0.073	0.079	0.301	3	496336.781	9164804.048	436.034
12241462	Pass	0.100	0.083	0.320	3	496671.096	9164790.958	434.266
12241593	Pass	0.087	0.080	0.311	3	496561.028	9164830.162	432.530
12241694	Pass	0.096	0.077	0.315	3	496644.170	9164921.268	428.112
12242195	Pass	0.106	0.085	0.324	3	496715.115	9164774.860	433.491
12243210	Pass	0.118	0.071	0.295	3	495685.801	9165252.280	431.309
12243259	Pass	0.121	0.067	0.295	3	495660.608	9165338.556	424.704
12243324	Pass	0.113	0.065	0.292	3	495713.012	9165392.024	423.816
12243510	Pass	0.105	0.070	0.290	3	495783.230	9165256.930	432.979
12243877	Pass	0.076	0.072	0.288	3	496061.268	9165238.992	428.181
12243928	Pass	0.075	0.067	0.287	3	496069.979	9165364.214	422.081
12244720	Pass	0.069	0.067	0.289	3	496170.575	9165451.747	418.724
12244969	Pass	0.069	0.074	0.292	3	496230.019	9165229.875	426.330
12246085	Pass	0.098	0.084	0.322	3	496678.024	9165202.347	418.564
12246245	Pass	0.087	0.078	0.312	3	496592.114	9165280.264	417.157
12246404	Pass	0.096	0.077	0.318	3	496672.108	9165432.848	414.639
12246853	Pass	0.120	0.089	0.337	3	496823.061	9165176.710	416.127

12247547	Pass	0.129	0.069	0.310	3	495633.595	9165678.437	421.010
12247605	Pass	0.119	0.068	0.306	3	495699.813	9165688.020	420.755
12247693	Pass	0.125	0.065	0.302	3	495655.640	9165873.976	427.809
12247986	Pass	0.201	0.102	0.577	2	495971.289	9165588.088	419.871
12248048	Pass	0.075	0.068	0.294	3	496087.985	9165715.692	423.063
12248086	Pass	0.075	0.066	0.290	3	496098.173	9165857.438	428.349
12248292	Pass	0.073	0.072	0.299	3	496123.394	9165638.914	418.587
12248739	Pass	0.068	0.075	0.303	3	496249.402	9165634.256	417.649
12249939	Pass	0.087	0.084	0.326	3	496604.660	9165614.997	415.819
12250080	Pass	0.095	0.082	0.328	3	496668.307	9165697.648	415.389
12250241	Pass	0.097	0.080	0.328	3	496686.483	9165828.745	416.110
12250477	Pass	0.127	0.094	0.355	3	496874.884	9165592.546	416.141
12251253	Pass	0.213	0.096	0.562	2	495682.546	9165834.897	424.866
12251299	Pass	0.115	0.069	0.301	3	495760.064	9166078.997	429.735
12251396	Pass	0.117	0.066	0.296	3	495743.084	9166198.917	434.086
12252077	Pass	0.203	0.098	0.569	2	496010.272	9166004.063	429.350
12252328	Pass	0.077	0.068	0.292	3	496126.976	9166254.541	433.529
12252570	Pass	0.075	0.073	0.298	3	496143.208	9166051.969	428.019
12252576	Pass	0.072	0.070	0.297	3	496230.196	9166148.328	428.786
12253079	Pass	0.070	0.079	0.309	3	496358.813	9166024.871	424.411
12254167	Pass	0.105	0.092	0.344	3	496732.722	9165990.613	421.141
12254324	Pass	0.103	0.085	0.335	3	496717.960	9166097.564	424.725
12254419	Pass	0.088	0.080	0.321	3	496602.926	9166163.653	428.029
12254750	Pass	0.129	0.097	0.360	3	496871.996	9165994.232	419.681
12255758	Pass	0.205	0.077	0.545	2	495733.764	9166490.369	452.040
12255808	Pass	0.116	0.071	0.306	3	495807.337	9166539.865	445.693
12255875	Pass	0.128	0.072	0.309	3	495733.252	9166719.874	449.231
12256084	Pass	0.112	0.073	0.308	3	495842.833	9166485.062	443.925
12256662	Pass	0.076	0.078	0.310	3	496248.654	9166446.478	438.351
12256805	Pass	0.079	0.074	0.302	3	496213.147	9166570.415	444.965
12256881	Pass	0.079	0.074	0.302	3	496210.759	9166594.883	445.357
12257159	Pass	0.075	0.080	0.313	3	496339.520	9166449.602	438.755
12258187	Pass	0.145	0.113	0.584	2	496738.898	9166236.231	427.832
12258287	Pass	0.111	0.095	0.351	3	496754.946	9166408.232	432.448
12258392	Pass	0.109	0.089	0.343	3	496744.674	9166513.993	436.534
12258541	Pass	0.100	0.086	0.334	3	496675.980	9166552.435	439.168
12258821	Pass	0.120	0.096	0.357	3	496812.523	9166413.375	432.474
12259781	Pass	0.133	0.077	0.316	3	495751.322	9166885.484	452.027
12259822	Pass	0.129	0.075	0.310	3	495778.536	9167011.521	455.449
12259876	Pass	0.129	0.075	0.309	3	495779.786	9167027.498	457.492
12260421	Pass	0.087	0.079	0.304	3	496173.277	9166918.507	463.453
12260907	Pass	0.083	0.083	0.311	3	496244.344	9166853.943	458.542
12261090	Pass	0.085	0.080	0.305	3	496253.002	9167051.118	464.687
12262526	Pass	0.114	0.099	0.356	3	496760.766	9166815.108	449.558
12262671	Pass	0.110	0.094	0.346	3	496734.618	9166927.453	452.736
12262824	Pass	0.112	0.093	0.345	3	496739.871	9167034.011	455.582
12264367	Pass	0.122	0.082	0.315	3	495883.574	9167289.227	463.247
12264474	Pass	0.128	0.080	0.311	3	495836.447	9167365.805	466.050
12265828	Pass	0.090	0.083	0.301	3	496214.801	9167433.611	480.924
12266172	Pass	0.086	0.089	0.312	3	496308.755	9167259.174	474.504
12266292	Pass	0.086	0.088	0.310	3	496303.282	9167288.528	474.164

12268205	Pass	0.114	0.098	0.343	3	496757.493	9167323.168	470.649
12268365	Pass	0.120	0.097	0.344	3	496794.583	9167455.209	476.382
12268721	Pass	0.153	0.111	0.378	3	496979.275	9167216.728	463.600
12270184	Pass	0.121	0.081	0.296	3	495921.621	9167836.780	494.909
12270602	Pass	0.107	0.084	0.292	3	496043.387	9167730.385	502.324
12271241	Pass	0.092	0.087	0.291	3	496237.657	9167754.229	499.655
12271359	Pass	0.091	0.086	0.290	3	496241.434	9167805.116	497.897
12271978	Pass	0.087	0.090	0.293	3	496394.818	9167767.194	502.949
12274109	Pass	0.120	0.102	0.327	3	496831.713	9167750.168	492.293
12274270	Pass	0.120	0.102	0.328	3	496831.790	9167754.539	491.424
12274800	Pass	0.128	0.105	0.332	3	496889.243	9167732.682	497.252
12275886	Pass	0.128	0.083	0.301	3	495870.549	9167719.747	499.522
12275953	Pass	0.130	0.080	0.298	3	495881.882	9168232.019	479.156
12276352	Pass	0.117	0.083	0.293	3	495981.119	9168141.071	482.638
12276484	Pass	0.116	0.080	0.296	3	495992.811	9168327.880	473.599
12276966	Pass	0.091	0.085	0.289	3	496269.662	9168214.604	474.319
12277398	Pass	0.091	0.091	0.290	3	496290.776	9168080.875	481.001
12277503	Pass	0.087	0.089	0.291	3	496396.531	9168179.160	474.128
12277661	Pass	0.096	0.132	0.531	2	496425.871	9168165.939	474.550
12279947	Pass	0.115	0.104	0.319	3	496836.689	9168114.149	473.575
12280109	Pass	0.115	0.102	0.321	3	496846.976	9168179.399	469.421
12280664	Pass	0.126	0.111	0.328	3	496913.122	9168038.238	477.482
12281941	Pass	0.122	0.082	0.303	3	495964.803	9168511.709	474.407
12281950	Pass	0.122	0.081	0.303	3	495959.952	9168526.401	474.361
12281953	Pass	0.131	0.077	0.305	3	495881.390	9168667.245	472.847
12282792	Pass	0.085	0.092	0.305	3	496438.345	9168473.916	461.200
12282931	Pass	0.087	0.086	0.299	3	496345.832	9168551.273	461.790
12283064	Pass	0.086	0.083	0.299	3	496350.303	9168637.741	459.372
12285109	Pass	0.121	0.110	0.342	3	496922.382	9168439.058	457.026
12285250	Pass	0.103	0.103	0.328	3	496793.973	9168472.009	456.370
12285393	Pass	0.120	0.099	0.342	3	496930.855	9168635.741	448.521
12287189	Pass	0.126	0.075	0.309	3	495927.456	9169012.796	465.207
12287214	Pass	0.117	0.074	0.308	3	495992.349	9169078.268	459.410
12287393	Pass	0.106	0.077	0.306	3	496092.069	9168979.788	458.508
12287650	Pass	0.085	0.078	0.306	3	496334.268	9168993.079	452.017
12288054	Pass	0.081	0.088	0.317	3	496480.324	9168869.660	450.085
12288375	Pass	0.080	0.076	0.301	3	496408.194	9169114.505	466.613
12289969	Pass	0.118	0.104	0.356	3	496953.675	9168839.142	439.600
12290126	Pass	0.104	0.093	0.342	3	496866.017	9168943.335	440.332
12290235	Pass	0.097	0.088	0.331	3	496817.032	9168999.469	451.635
12291963	Pass	0.122	0.072	0.311	3	495956.900	9169400.152	461.503
12291987	Pass	0.110	0.072	0.308	3	496048.189	9169412.203	457.118
12292011	Pass	0.121	0.071	0.309	3	495957.305	9169476.462	461.000
12292388	Pass	0.081	0.074	0.296	3	496364.040	9169370.954	473.943
12292463	Pass	0.079	0.070	0.293	3	496372.398	9169479.769	474.629
12292695	Pass	0.079	0.079	0.302	3	496419.907	9169291.296	471.127
12294145	Pass	0.102	0.091	0.338	3	496930.329	9169259.876	450.437
12294226	Pass	0.096	0.084	0.325	3	496890.663	9169337.901	461.671
12294386	Pass	0.094	0.079	0.323	3	496891.921	9169432.209	458.370
12295582	Pass	0.115	0.072	0.313	3	496023.090	9169726.201	470.884
12295597	Pass	0.115	0.071	0.310	3	496022.188	9169760.840	472.461

12295603	Pass	0.112	0.068	0.302	3	496030.177	9169909.393	479.366
12296569	Pass	0.074	0.073	0.287	3	496471.677	9169698.822	480.717
12296669	Pass	0.072	0.072	0.287	3	496536.578	9169739.345	473.407
12296824	Pass	0.071	0.067	0.285	3	496535.939	9169857.953	466.826
12297992	Pass	0.097	0.084	0.306	3	496996.405	9169657.190	454.410
12298081	Pass	0.091	0.075	0.300	3	496949.092	9169782.329	447.672
12298117	Pass	0.099	0.074	0.303	3	497025.088	9169856.808	444.590
12298810	Pass	0.106	0.066	0.286	3	496093.996	9170245.675	497.424
12298822	Pass	0.105	0.068	0.287	3	496108.158	9170190.024	497.849
12298862	Pass	0.107	0.066	0.286	3	496087.966	9170251.179	497.742
12299389	Pass	0.076	0.066	0.274	3	496424.754	9170293.748	491.466
12299832	Pass	0.071	0.072	0.282	3	496555.193	9170098.481	478.355
12299985	Pass	0.072	0.067	0.277	3	496519.937	9170204.009	481.605
12301642	Pass	0.086	0.079	0.300	3	496930.720	9170072.201	454.458
12301788	Pass	0.095	0.075	0.301	3	497017.017	9170184.368	455.966
12301932	Pass	0.095	0.074	0.298	3	497013.490	9170289.612	463.341
12303204	Pass	0.113	0.069	0.300	3	496082.850	9170588.313	499.553
12303223	Pass	0.108	0.067	0.294	3	496115.813	9170747.915	503.759
12303394	Pass	0.093	0.068	0.294	3	496251.333	9170617.346	493.164
12303618	Pass	0.078	0.069	0.295	3	496443.465	9170619.797	482.569
12303714	Pass	0.078	0.068	0.292	3	496448.609	9170701.658	488.069
12304025	Pass	0.073	0.071	0.301	3	496598.582	9170588.768	475.831
12305978	Pass	0.101	0.083	0.335	3	497013.247	9170475.651	470.637
12306013	Pass	0.105	0.080	0.331	3	497045.785	9170574.155	475.646
12306160	Pass	0.104	0.080	0.329	3	497042.206	9170656.603	477.932
12307779	Pass	0.119	0.069	0.298	3	496067.150	9171018.643	515.459
12307848	Pass	0.115	0.068	0.297	3	496102.076	9171110.814	512.836
12308072	Pass	0.092	0.070	0.298	3	496307.590	9171022.188	499.984
12308341	Pass	0.080	0.074	0.306	3	496469.464	9170960.480	491.590
12308493	Pass	0.081	0.072	0.300	3	496480.413	9171119.753	499.099
12308858	Pass	0.076	0.076	0.311	3	496625.092	9170978.474	492.400
12310852	Pass	0.098	0.086	0.341	3	496975.466	9170955.581	488.143
12311008	Pass	0.098	0.086	0.335	3	496970.178	9171098.075	494.218
12311493	Pass	0.120	0.094	0.364	3	497126.246	9170878.002	483.231
12312961	Pass	0.123	0.072	0.315	3	496095.797	9171375.491	494.192
12313227	Pass	0.107	0.073	0.309	3	496223.891	9171371.769	493.607
12313436	Pass	0.104	0.071	0.307	3	496263.071	9171538.654	486.939
12313984	Pass	0.085	0.076	0.306	3	496508.262	9171498.934	494.061
12314489	Pass	0.081	0.082	0.309	3	496622.168	9171350.089	508.577
12315190	Pass	0.083	0.086	0.317	3	496751.127	9171348.348	509.900
12316528	Pass	0.120	0.099	0.359	3	497106.100	9171344.499	507.345
12316689	Pass	0.121	0.099	0.354	3	497117.599	9171499.023	517.511
12317218	Pass	0.134	0.103	0.373	3	497190.223	9171322.342	506.319
12318138	Pass	0.116	0.073	0.318	3	496206.790	9171861.248	469.740
12318228	Pass	0.120	0.073	0.320	3	496171.012	9171914.467	467.173
12318553	Pass	0.113	0.073	0.317	3	496225.170	9171857.043	470.175
12319168	Pass	0.089	0.083	0.315	3	496524.678	9171743.316	485.442
12319925	Pass	0.090	0.085	0.319	3	496646.765	9171921.178	484.542
12320566	Pass	0.088	0.087	0.321	3	496694.620	9171824.054	491.365
12322067	Pass	0.122	0.107	0.366	3	497097.260	9171757.311	521.926
12322229	Pass	0.115	0.105	0.359	3	497045.653	9171849.273	512.403

12322805	Pass	0.147	0.115	0.391	3	497236.124	9171747.376	522.802
12323942	Pass	0.213	0.099	0.569	2	496133.036	9172308.839	452.985
12323977	Pass	0.212	0.097	0.567	2	496138.011	9172296.854	454.041
12324149	Pass	0.183	0.083	0.552	2	496234.120	9172121.026	460.862
12324784	Pass	0.104	0.097	0.545	2	496645.803	9172045.878	476.780
12324916	Pass	0.111	0.101	0.550	2	496643.616	9172223.804	469.120
12325010	Pass	0.114	0.110	0.555	2	496644.048	9172299.094	465.101
12327063	Pass	0.133	0.117	0.577	2	497020.293	9172073.304	482.276
12327223	Pass	0.154	0.124	0.590	2	497104.177	9172126.783	482.132
12327323	Pass	0.145	0.127	0.587	2	497059.732	9172219.996	480.562
12332129	Pass	0.113	0.163	0.567	2	494884.047	9161826.751	526.774
12332373	Pass	0.112	0.148	0.564	2	494903.061	9161767.017	518.161
12333290	Pass	0.110	0.129	0.546	2	494917.964	9161685.056	533.934
12333402	Pass	0.092	0.096	0.317	3	494963.700	9161479.204	539.477
12333480	Pass	0.091	0.092	0.317	3	494926.086	9161407.290	537.261
12333596	Pass	0.090	0.090	0.314	3	494890.617	9161331.175	548.313
12335518	Pass	0.210	0.171	0.698	2	494316.652	9161664.385	451.778
12335637	Pass	0.156	0.139	0.599	2	494455.138	9161582.983	521.665
12335796	Pass	0.188	0.131	0.645	2	494359.672	9161441.590	468.135
12335974	Pass	0.140	0.116	0.400	3	494422.527	9161335.519	489.314
12336130	Pass	0.135	0.111	0.384	3	494446.576	9161280.079	513.396
12336278	Pass	0.122	0.104	0.362	3	494523.231	9161182.396	539.790
12340574	Pass	0.084	0.084	0.297	3	495111.683	9161069.321	558.856
12341421	Pass	0.083	0.077	0.303	3	495129.172	9160897.822	536.232
12343548	Pass	0.114	0.097	0.347	3	494617.259	9160967.077	525.132
12343710	Pass	0.113	0.096	0.346	3	494625.263	9160948.971	525.123
12343881	Pass	0.117	0.095	0.351	3	494599.769	9160768.344	517.183
12351147	Pass	0.104	0.087	0.336	3	494754.411	9160585.999	515.095
12351212	Pass	0.125	0.095	0.350	2	494644.078	9160554.937	510.037
12351457	Pass	0.114	0.086	0.348	3	494687.836	9160433.683	496.513
12358868	Pass	0.099	0.081	0.332	3	494855.078	9160218.012	499.201
12359023	Pass	0.108	0.081	0.327	3	494776.617	9160095.490	529.833
12359150	Pass	0.093	0.078	0.328	3	494909.913	9159992.744	503.556
12366021	Pass	0.111	0.080	0.346	3	494846.434	9159825.497	490.598
12366182	Pass	0.101	0.077	0.336	3	494916.759	9159769.209	491.356
12366343	Pass	0.091	0.076	0.322	3	494999.535	9159656.846	509.342
12373997	Pass	0.091	0.078	0.313	3	495087.886	9159464.736	526.443
12374032	Pass	0.089	0.076	0.313	3	495113.651	9159345.955	515.924
12374144	Pass	0.097	0.082	0.323	3	495052.203	9159216.213	513.660
12380793	Pass	0.166	0.117	0.581	2	494979.604	9159391.827	513.888
12380843	Pass	0.144	0.108	0.568	2	495051.884	9159357.756	515.626
12381093	Pass	0.094	0.080	0.333	3	495180.343	9159080.952	492.625
12381233	Pass	0.099	0.080	0.336	3	495140.814	9159006.955	489.426
12381393	Pass	0.100	0.081	0.333	3	495143.124	9158893.730	496.460
12387778	Pass	0.114	0.083	0.338	3	495163.377	9158674.150	525.865
12387905	Pass	0.114	0.083	0.336	3	495162.175	9158644.574	529.131
12388051	Pass	0.095	0.080	0.318	3	495307.132	9158548.372	528.710
12394214	Pass	0.109	0.084	0.319	3	495305.750	9158285.167	550.914
12394352	Pass	0.101	0.082	0.310	3	495365.036	9158298.171	558.585
12394496	Pass	0.098	0.081	0.311	3	495398.875	9158180.958	536.213
12400491	Pass	0.118	0.084	0.336	3	495383.654	9157927.076	509.291

12400647	Pass	0.114	0.082	0.331	3	495414.753	9157852.788	507.756
12400789	Pass	0.110	0.085	0.321	3	495452.541	9157699.066	531.684
12407164	Pass	0.134	0.093	0.546	2	495568.761	9157542.652	546.183
12407282	Pass	0.100	0.081	0.311	3	495620.532	9157501.370	539.354
12407434	Pass	0.099	0.082	0.311	3	495641.998	9157383.235	534.174
12413999	Pass	0.101	0.082	0.318	3	495726.925	9157173.102	518.392
12414164	Pass	0.108	0.082	0.323	3	495680.098	9157100.516	517.436
12414310	Pass	0.093	0.080	0.308	3	495796.875	9157064.341	531.106
12421425	Pass	0.109	0.083	0.333	3	495766.888	9156765.326	515.088
12421434	Pass	0.107	0.083	0.334	3	495779.551	9156788.436	509.493
12421620	Pass	0.092	0.081	0.319	3	495899.271	9156601.336	518.426
12428819	Pass	0.114	0.083	0.343	3	495848.673	9156411.477	495.287
12428973	Pass	0.114	0.082	0.343	3	495854.122	9156349.202	488.017
12429133	Pass	0.109	0.086	0.344	3	495899.519	9156168.627	480.922
12435294	Pass	0.101	0.081	0.350	3	496050.781	9156055.857	478.433
12435435	Pass	0.107	0.081	0.352	3	496018.449	9155941.028	479.180
12435523	Pass	0.103	0.085	0.353	3	496058.047	9155793.020	481.714
12441004	Pass	0.100	0.081	0.351	3	496175.521	9155677.023	502.290
12441100	Pass	0.096	0.079	0.343	3	496208.308	9155550.123	505.596
12441212	Pass	0.099	0.080	0.350	3	496195.767	9155511.715	490.954
12447877	Pass	0.109	0.082	0.365	3	496233.354	9155294.803	490.629
12448013	Pass	0.116	0.081	0.367	3	496199.123	9155147.935	497.202
12448177	Pass	0.092	0.078	0.353	3	496368.552	9155101.196	486.263
12448574	Pass	0.220	0.126	0.661	2	496096.747	9155237.567	497.073
12454763	Pass	0.109	0.080	0.375	3	496352.554	9154881.160	486.393
12454913	Pass	0.113	0.080	0.377	3	496326.462	9154836.594	486.366
12455073	Pass	0.108	0.082	0.369	3	496366.502	9154720.301	491.984
12461582	Pass	0.115	0.083	0.382	3	496431.324	9154521.372	487.868
12461688	Pass	0.106	0.081	0.373	3	496487.615	9154499.366	486.615
12461776	Pass	0.096	0.080	0.360	3	496557.181	9154404.751	499.025
12468010	Pass	0.101	0.082	0.359	3	496625.580	9154165.664	503.258
12468166	Pass	0.095	0.077	0.344	3	496673.200	9154049.843	520.108
12468328	Pass	0.111	0.082	0.363	3	496572.659	9153886.615	522.176
12474595	Pass	0.113	0.078	0.346	3	496619.677	9153765.327	512.217
12474757	Pass	0.105	0.074	0.346	3	496673.302	9153624.990	496.283
12474916	Pass	0.090	0.074	0.349	3	496789.645	9153530.983	474.106
12481150	Pass	0.090	0.072	0.331	3	496850.026	9153375.616	468.663
12481312	Pass	0.101	0.073	0.339	3	496770.483	9153316.447	464.353
12481469	Pass	0.088	0.072	0.328	3	496868.717	9153235.658	462.087
12487407	Pass	0.099	0.076	0.359	3	496918.293	9153024.891	458.791
12487567	Pass	0.103	0.078	0.358	3	496905.140	9152861.859	458.771
12487693	Pass	0.101	0.081	0.358	3	496923.749	9152792.507	458.877
12493991	Pass	0.099	0.081	0.361	3	497043.595	9152652.678	472.806
12494143	Pass	0.108	0.082	0.359	3	496991.447	9152572.126	498.367
12494303	Pass	0.092	0.083	0.337	3	497129.500	9152410.580	522.388
12501225	Pass	0.120	0.086	0.370	3	497077.565	9152243.935	541.083
12501382	Pass	0.105	0.083	0.350	3	497172.792	9152195.363	547.118
12501535	Pass	0.101	0.082	0.346	3	497216.269	9152138.142	542.703
12508648	Pass	0.131	0.089	0.379	3	497174.738	9151847.690	532.885
12508805	Pass	0.130	0.088	0.382	3	497181.048	9151807.846	520.525
12508970	Pass	0.104	0.085	0.364	3	497360.553	9151722.905	501.282

12516265	Pass	0.132	0.092	0.390	3	497305.202	9151501.205	513.941
12516434	Pass	0.123	0.092	0.364	3	497362.533	9151383.552	551.494
12516580	Pass	0.122	0.092	0.365	3	497374.401	9151356.090	545.175
12523952	Pass	0.115	0.093	0.364	3	497528.174	9151147.577	505.407
12524106	Pass	0.135	0.096	0.384	3	497419.697	9151029.377	492.554
12524266	Pass	0.108	0.093	0.360	3	497607.237	9150922.215	506.030
12531440	Pass	0.136	0.098	0.371	3	497517.089	9150733.575	491.071
12531596	Pass	0.121	0.095	0.358	3	497601.971	9150694.089	488.415
12531753	Pass	0.118	0.095	0.377	3	497646.979	9150556.785	438.524
12538659	Pass	0.124	0.096	0.358	3	497658.705	9150331.913	488.494
12538813	Pass	0.116	0.095	0.356	3	497709.501	9150331.691	474.788
12538815	Pass	0.105	0.092	0.339	3	497779.155	9150234.655	493.861
12541427	Pass	0.080	0.085	0.302	3	498553.881	9150428.212	480.533
12546168	Pass	0.109	0.094	0.350	3	497815.956	9149999.339	493.929
12546331	Pass	0.110	0.093	0.347	3	497804.503	9149939.544	500.662
12546489	Pass	0.111	0.098	0.358	3	497814.461	9149721.838	488.913
12553196	Pass	0.118	0.096	0.349	3	497833.488	9149591.090	460.322
12553358	Pass	0.102	0.090	0.339	3	497940.629	9149514.341	446.495
12553517	Pass	0.108	0.095	0.346	3	497914.478	9149373.597	447.981
12559904	Pass	0.127	0.095	0.390	3	497921.514	9149233.802	449.342
12560061	Pass	0.109	0.090	0.360	3	498032.626	9149113.045	483.621
12560195	Pass	0.106	0.090	0.360	3	498058.341	9149049.043	480.208
12566937	Pass	0.123	0.094	0.385	3	498075.359	9148821.383	483.162
12567095	Pass	0.120	0.093	0.378	3	498103.632	9148766.012	489.048
12567256	Pass	0.105	0.091	0.363	3	498216.561	9148658.534	497.267
12574226	Pass	0.133	0.098	0.411	3	498185.254	9148429.975	476.788
12574381	Pass	0.114	0.093	0.388	3	498301.172	9148428.206	479.676
12574542	Pass	0.132	0.101	0.400	3	498210.235	9148299.974	488.672
12581381	Pass	0.127	0.103	0.398	3	498364.750	9148092.458	485.178
12581541	Pass	0.138	0.106	0.400	3	498306.940	9148042.392	498.141
12581652	Pass	0.124	0.109	0.364	3	498419.581	9147854.221	538.672
12584722	Pass	0.122	0.095	0.327	3	499263.075	9147787.180	455.403
12588429	Pass	0.138	0.113	0.396	3	498450.457	9147699.924	509.029
12588610	Pass	0.142	0.116	0.401	3	498437.551	9147638.736	498.934
12588751	Pass	0.134	0.121	0.389	3	498515.858	9147482.243	496.602
12590855	Pass	0.144	0.111	0.316	3	499521.921	9147591.318	488.513
12592505	Pass	0.104	0.106	0.311	3	499105.312	9147490.357	486.722
12592761	Pass	0.114	0.171	0.595	2	499112.978	9147454.811	476.203
12595720	Pass	0.136	0.124	0.414	3	498617.370	9147321.006	484.199
12595873	Pass	0.139	0.126	0.419	3	498603.988	9147293.362	482.598
12596034	Pass	0.138	0.132	0.410	3	498640.513	9147160.139	491.013
12599533	Pass	0.133	0.119	0.578	2	499194.569	9147180.527	496.839
12599571	Pass	0.133	0.119	0.577	2	499191.586	9147187.167	499.519
12599582	Pass	0.140	0.113	0.582	2	499212.680	9147112.729	491.699
12600310	Pass	0.144	0.116	0.597	2	499176.061	9146994.894	485.216
12602258	Pass	0.161	0.139	0.659	2	498727.983	9147042.173	487.863
12602418	Pass	0.173	0.163	0.682	2	498719.870	9146866.648	492.249
12602579	Pass	0.167	0.189	0.703	2	498818.210	9146725.243	481.350
12606920	Pass	0.160	0.087	0.537	2	495579.880	9162369.522	489.548
12607286	Pass	0.129	0.077	0.312	3	495768.899	9162600.274	467.608
12607708	Pass	0.120	0.077	0.309	3	495697.105	9162445.830	471.430

12608036	Pass	0.110	0.081	0.313	3	495596.138	9162630.289	456.845
12608189	Pass	0.106	0.085	0.318	3	495546.130	9162700.755	452.404
12609697	Pass	0.091	0.092	0.329	3	495215.349	9162644.586	443.482
12609879	Pass	0.091	0.089	0.328	3	495210.944	9162556.326	444.067
12611691	Pass	0.134	0.108	0.590	2	494877.355	9162345.905	440.783
12612086	Pass	0.113	0.107	0.355	3	494894.819	9162718.232	455.492
12612244	Pass	0.115	0.101	0.355	3	494882.631	9162567.871	447.689
12612799	Pass	0.159	0.118	0.394	3	494616.693	9162704.294	443.879
12612958	Pass	0.140	0.108	0.376	3	494718.437	9162576.104	443.941
12614604	Pass	0.134	0.076	0.304	3	495833.979	9162975.438	469.381
12614924	Pass	0.135	0.076	0.309	3	495836.434	9162847.617	453.593
12615427	Pass	0.114	0.083	0.300	3	495670.641	9163078.545	472.702
12617218	Pass	0.090	0.087	0.306	3	495303.149	9162891.291	458.497
12617346	Pass	0.090	0.091	0.306	3	495242.966	9162996.356	466.759
12617832	Pass	0.093	0.098	0.314	3	495120.949	9163071.141	470.391
12618161	Pass	0.094	0.093	0.315	3	495116.029	9162881.502	463.248
12618311	Pass	0.091	0.096	0.328	3	495190.462	9162711.666	455.710
12619026	Pass	0.106	0.106	0.349	3	494959.883	9162746.172	457.989
12619188	Pass	0.117	0.108	0.341	3	494858.764	9163082.632	458.610
12619420	Pass	0.116	0.103	0.336	3	494864.627	9162899.177	461.058
12619769	Pass	0.144	0.116	0.364	3	494684.859	9163108.626	451.423
12620120	Pass	0.135	0.108	0.353	3	494732.994	9162908.534	453.034
12621045	Pass	0.133	0.076	0.288	3	495863.019	9163370.270	492.240
12621108	Pass	0.121	0.077	0.285	3	495768.493	9163242.034	490.124
12621457	Pass	0.127	0.080	0.303	3	495773.692	9163055.370	470.299
12621678	Pass	0.102	0.082	0.282	3	495594.369	9163383.984	493.239
12621818	Pass	0.108	0.079	0.282	3	495648.890	9163252.686	489.691
12623263	Pass	0.087	0.094	0.298	3	495269.814	9163484.194	478.509
12623394	Pass	0.088	0.088	0.291	3	495318.076	9163322.021	478.946
12624109	Pass	0.088	0.092	0.297	3	495233.233	9163388.553	477.320
12625530	Pass	0.114	0.106	0.330	3	494880.797	9163437.639	460.478
12626218	Pass	0.149	0.118	0.359	3	494660.070	9163516.179	453.637
12626377	Pass	0.147	0.113	0.354	3	494670.647	9163401.229	451.024
12627663	Pass	0.125	0.078	0.289	3	495829.898	9163801.351	483.489
12627767	Pass	0.192	0.111	0.543	2	495758.451	9163724.601	487.314
12627790	Pass	0.126	0.076	0.286	3	495833.899	9163644.304	488.568
12628429	Pass	0.115	0.080	0.288	3	495742.009	9163823.381	483.294
12629977	Pass	0.086	0.090	0.305	3	495284.964	9163792.356	459.738
12630259	Pass	0.087	0.094	0.298	3	495259.019	9163466.368	478.951
12630456	Pass	0.086	0.091	0.308	3	495262.625	9163802.518	455.438
12630780	Pass	0.097	0.116	0.554	2	495118.749	9163670.176	474.271
12632033	Pass	0.116	0.106	0.343	3	494880.209	9163858.008	451.634
12632193	Pass	0.164	0.148	0.592	2	494803.616	9163787.725	456.389
12632368	Pass	0.118	0.103	0.335	3	494869.251	9163665.929	464.306
12632717	Pass	0.116	0.103	0.329	3	494867.063	9163299.734	459.006
12634355	Pass	0.127	0.076	0.292	3	495876.929	9164187.353	466.583
12635313	Pass	0.086	0.086	0.295	3	495474.361	9164270.851	475.139
12635342	Pass	0.086	0.082	0.292	3	495465.759	9164131.148	469.663
12635942	Pass	0.089	0.085	0.292	3	495428.040	9163643.943	473.029
12637951	Pass	0.106	0.096	0.339	3	494971.972	9164069.081	436.972
12638469	Pass	0.117	0.103	0.355	3	494887.530	9164273.012	431.861

12639285	Pass	0.145	0.113	0.381	3	494722.254	9164335.486	426.614
12639765	Pass	0.151	0.119	0.372	3	494675.442	9163943.241	449.088
12640938	Pass	0.119	0.074	0.300	3	495852.304	9164577.478	462.042
12641074	Pass	0.128	0.073	0.299	3	495912.497	9164393.800	461.875
12641390	Pass	0.103	0.074	0.294	3	495716.703	9164438.472	465.167
12641889	Pass	0.084	0.078	0.307	3	495495.344	9164538.150	447.626
12642319	Pass	0.086	0.083	0.294	3	495471.042	9164197.950	468.722
12642332	Pass	0.114	0.120	0.553	2	495463.454	9164140.410	469.125
12642425	Pass	0.079	0.083	0.311	3	495417.982	9164650.787	455.099
12642753	Pass	0.080	0.082	0.313	3	495334.372	9164445.011	448.659
12642987	Pass	0.093	0.146	0.571	2	495313.465	9164243.131	459.453
12643265	Pass	0.080	0.086	0.329	3	495244.374	9164638.267	436.850
12644868	Pass	0.107	0.097	0.361	3	494959.067	9164674.240	425.777
12645028	Pass	0.105	0.092	0.352	3	494978.565	9164508.132	427.197
12645517	Pass	0.131	0.106	0.383	3	494811.275	9164739.673	423.820
12646527	Pass	0.129	0.069	0.310	3	495959.769	9164958.799	444.828
12646651	Pass	0.115	0.070	0.299	3	495859.604	9164820.927	455.622
12646967	Pass	0.116	0.076	0.302	3	495823.736	9164627.006	461.809
12647043	Pass	0.109	0.072	0.309	3	495820.694	9165035.344	448.047
12648039	Pass	0.075	0.076	0.311	3	495418.459	9164979.481	446.237
12648296	Pass	0.080	0.075	0.301	3	495497.121	9164807.550	456.723
12648790	Pass	0.074	0.081	0.322	3	495307.489	9165036.148	439.616
12648949	Pass	0.077	0.079	0.323	3	495252.294	9164875.294	436.161
12650203	Pass	0.115	0.098	0.371	3	494898.008	9165121.033	422.086
12650286	Pass	0.098	0.086	0.342	3	495013.443	9164879.355	439.288
12650704	Pass	0.115	0.095	0.363	3	494907.204	9164590.222	424.866
12650751	Pass	0.121	0.098	0.373	3	494863.769	9165094.459	422.255
12651525	Pass	0.121	0.067	0.299	3	495954.909	9165363.904	428.043
12651720	Pass	0.126	0.066	0.298	3	495990.961	9165211.739	432.452
12652108	Pass	0.106	0.068	0.297	3	495847.744	9165379.879	427.623
12652640	Pass	0.104	0.070	0.300	3	495779.746	9164921.030	454.143
12652880	Pass	0.077	0.068	0.299	3	495554.942	9165278.862	427.345
12653268	Pass	0.071	0.078	0.310	3	495459.441	9165478.552	420.715
12653466	Pass	0.082	0.096	0.568	2	495388.414	9165224.707	430.894
12653881	Pass	0.081	0.140	0.591	2	495249.972	9165413.613	422.108
12655212	Pass	0.100	0.090	0.348	3	494982.756	9165462.623	425.272
12655308	Pass	0.102	0.086	0.348	3	494970.999	9165375.243	422.970
12655473	Pass	0.110	0.086	0.353	3	494920.802	9165248.272	427.728
12655604	Pass	0.104	0.089	0.354	3	494969.782	9164974.523	425.395
12655743	Pass	0.208	0.175	0.642	2	494761.294	9165485.978	430.698
12656865	Pass	0.118	0.069	0.308	3	495956.242	9165806.742	423.425
12657837	Pass	0.075	0.069	0.303	3	495587.618	9165765.962	420.057
12657900	Pass	0.075	0.067	0.302	3	495585.052	9165688.435	420.171
12658038	Pass	0.077	0.070	0.302	3	495559.562	9165367.284	421.011
12658658	Pass	0.069	0.074	0.312	3	495323.199	9165764.744	427.743
12659497	Pass	0.087	0.079	0.333	3	495093.192	9165612.107	426.114
12659791	Pass	0.097	0.090	0.343	3	495019.963	9165871.177	428.179
12660372	Pass	0.121	0.095	0.357	3	494874.142	9165865.594	433.607
12661717	Pass	0.123	0.069	0.305	3	496022.167	9166175.959	432.252
12661976	Pass	0.113	0.065	0.305	3	495927.650	9165689.262	419.643
12662795	Pass	0.076	0.072	0.292	3	495615.595	9166198.071	439.774

12663097	Pass	0.073	0.067	0.296	3	495583.941	9165978.458	424.547
12663366	Pass	0.070	0.078	0.299	3	495355.649	9166227.295	444.778
12664562	Pass	0.099	0.091	0.325	3	495044.132	9166283.758	441.493
12664722	Pass	0.090	0.081	0.316	3	495100.986	9166156.319	437.540
12664857	Pass	0.088	0.078	0.317	3	495103.435	9166040.777	434.497
12666484	Pass	0.121	0.071	0.309	3	496015.617	9166519.825	440.454
12666564	Pass	0.120	0.068	0.309	3	496017.320	9166441.711	438.312
12666947	Pass	0.103	0.072	0.306	3	495878.771	9166551.522	440.958
12667035	Pass	0.101	0.067	0.304	3	495878.171	9166393.309	439.669
12667974	Pass	0.081	0.078	0.301	3	495648.725	9166615.149	458.153
12668198	Pass	0.078	0.069	0.302	3	495636.669	9166384.086	442.645
12668531	Pass	0.077	0.085	0.314	3	495339.075	9166647.651	462.449
12669445	Pass	0.101	0.089	0.333	3	495088.005	9166603.741	456.537
12669604	Pass	0.099	0.083	0.331	3	495087.236	9166502.483	450.987
12669988	Pass	0.125	0.095	0.351	3	494937.997	9166628.398	451.966
12670789	Pass	0.122	0.074	0.313	3	496026.191	9166860.500	455.149
12670846	Pass	0.122	0.073	0.315	3	496027.300	9166756.625	452.066
12671107	Pass	0.119	0.081	0.316	3	495985.576	9167000.406	456.445
12672427	Pass	0.078	0.081	0.315	3	495514.527	9166927.406	456.196
12672547	Pass	0.081	0.075	0.312	3	495637.986	9166796.592	450.844
12672868	Pass	0.074	0.075	0.301	3	495540.986	9166553.791	458.507
12673215	Pass	0.080	0.080	0.315	3	495352.031	9166804.445	471.505
12673987	Pass	0.115	0.095	0.345	3	495046.253	9166980.509	467.992
12674307	Pass	0.105	0.086	0.339	3	495102.700	9166804.377	463.067
12674655	Pass	0.133	0.099	0.358	3	494939.623	9166995.367	465.422
12675080	Pass	0.116	0.086	0.344	3	494974.793	9166458.999	445.647
12675631	Pass	0.125	0.083	0.313	3	496040.265	9167364.356	476.084
12675722	Pass	0.127	0.078	0.315	3	496066.133	9167215.672	464.297
12676073	Pass	0.122	0.078	0.314	3	496012.191	9166966.195	459.280
12676169	Pass	0.117	0.083	0.314	3	495979.282	9167355.857	466.410
12676269	Pass	0.108	0.078	0.313	3	495920.111	9167208.770	459.441
12677377	Pass	0.082	0.088	0.306	3	495542.087	9167362.360	479.411
12677601	Pass	0.083	0.081	0.311	3	495625.577	9167174.880	462.371
12677792	Pass	0.085	0.082	0.314	3	495664.322	9166990.586	455.016
12678162	Pass	0.082	0.085	0.309	3	495436.291	9167230.918	476.607
12679473	Pass	0.107	0.097	0.323	3	495133.847	9167362.732	488.379
12679638	Pass	0.109	0.093	0.325	3	495115.659	9167240.884	484.133
12679953	Pass	0.110	0.099	0.342	3	495091.479	9167048.968	475.127
12680223	Pass	0.121	0.099	0.332	3	495035.820	9167354.294	484.810
12681933	Pass	0.126	0.084	0.301	3	496078.335	9167741.014	501.413
12682023	Pass	0.125	0.081	0.304	3	496071.440	9167613.908	486.932
12682566	Pass	0.105	0.083	0.298	3	495907.186	9167663.201	484.229
12682796	Pass	0.104	0.082	0.302	3	495892.860	9167538.279	476.044
12683740	Pass	0.083	0.091	0.288	3	495573.153	9167782.519	499.449
12684557	Pass	0.083	0.086	0.290	3	495551.003	9167600.775	487.419
12684723	Pass	0.083	0.087	0.286	3	495473.413	9167566.398	502.065
12684997	Pass	0.082	0.087	0.304	3	495438.313	9167304.482	489.512
12685974	Pass	0.107	0.100	0.296	3	495156.225	9167803.584	501.317
12686463	Pass	0.115	0.102	0.330	3	495078.557	9167424.165	488.850
12686765	Pass	0.136	0.103	0.308	3	494952.608	9167765.143	492.000
12688622	Pass	0.127	0.084	0.306	3	496109.666	9168120.202	481.260

12688666	Pass	0.137	0.081	0.305	3	496181.250	9168000.956	489.615
12689110	Pass	0.115	0.084	0.303	3	496013.162	9168122.721	481.131
12689191	Pass	0.106	0.082	0.295	3	495945.284	9167938.474	493.303
12689637	Pass	0.087	0.088	0.300	3	495707.051	9168160.449	485.088
12689774	Pass	0.083	0.086	0.293	3	495596.569	9167951.524	497.622
12690181	Pass	0.082	0.088	0.297	3	495544.308	9168121.790	494.348
12690342	Pass	0.084	0.088	0.295	3	495462.758	9168071.085	500.588
12690788	Pass	0.083	0.090	0.285	3	495485.757	9167740.763	505.415
12691790	Pass	0.107	0.098	0.309	3	495176.475	9168199.604	515.695
12691947	Pass	0.101	0.093	0.302	3	495234.054	9168088.261	511.688
12692498	Pass	0.107	0.094	0.294	3	495148.420	9167635.204	500.351
12692570	Pass	0.120	0.098	0.313	3	495084.629	9168161.729	518.775
12692730	Pass	0.140	0.098	0.323	3	494962.430	9168038.040	505.392
12693057	Pass	0.137	0.106	0.309	3	494950.994	9167826.591	498.535
12694145	Pass	0.135	0.081	0.313	3	496201.716	9168461.874	467.779
12694230	Pass	0.129	0.080	0.310	3	496157.367	9168403.100	468.306
12694631	Pass	0.115	0.081	0.307	3	496054.249	9168491.909	470.580
12694763	Pass	0.110	0.081	0.304	3	496006.107	9168327.169	473.323
12695226	Pass	0.080	0.084	0.296	3	495609.966	9168510.541	492.739
12695488	Pass	0.085	0.082	0.296	3	495725.017	9168350.953	484.503
12696000	Pass	0.082	0.086	0.296	3	495450.500	9168455.319	502.452
12696634	Pass	0.091	0.089	0.304	3	495308.298	9168533.317	503.722
12697438	Pass	0.097	0.091	0.307	3	495245.830	9168536.291	506.373
12697584	Pass	0.099	0.089	0.304	3	495237.800	9168391.474	511.158
12698189	Pass	0.127	0.096	0.323	3	495026.596	9168580.631	511.158
12698321	Pass	0.116	0.092	0.312	3	495102.520	9168430.145	514.376
12699560	Pass	0.130	0.079	0.318	3	496202.993	9168912.386	455.305
12699604	Pass	0.128	0.077	0.314	3	496183.519	9168780.798	457.090
12699768	Pass	0.117	0.081	0.314	3	496106.468	9168961.816	457.893
12700377	Pass	0.080	0.079	0.291	3	495715.333	9168924.801	473.273
12700524	Pass	0.077	0.079	0.286	3	495623.365	9168782.260	477.478
12702695	Pass	0.092	0.086	0.284	3	495227.902	9168969.144	495.847
12703035	Pass	0.090	0.083	0.281	3	495268.987	9168771.551	494.318
12703422	Pass	0.117	0.090	0.288	3	495013.862	9168990.893	503.868
12703493	Pass	0.117	0.087	0.285	3	495022.903	9168847.199	504.127
12704386	Pass	0.126	0.075	0.316	3	496211.745	9169290.831	461.568
12704441	Pass	0.120	0.073	0.314	3	496164.514	9169164.699	453.325
12704592	Pass	0.108	0.076	0.313	3	496066.778	9169346.207	455.153
12704616	Pass	0.104	0.073	0.307	3	496035.087	9169190.816	454.374
12705064	Pass	0.097	0.077	0.299	3	495932.931	9168846.997	464.725
12705414	Pass	0.081	0.072	0.290	3	495786.911	9169183.034	474.681
12705857	Pass	0.071	0.076	0.286	3	495555.125	9169351.003	483.514
12706019	Pass	0.072	0.073	0.281	3	495538.285	9169234.328	488.160
12706341	Pass	0.075	0.082	0.287	3	495546.058	9168978.585	482.318
12706453	Pass	0.076	0.079	0.286	3	495582.037	9168862.216	477.295
12706622	Pass	0.076	0.076	0.281	3	495391.171	9169304.758	491.467
12707421	Pass	0.081	0.077	0.282	3	495315.565	9169321.159	492.453
12707705	Pass	0.083	0.076	0.276	3	495305.427	9169159.777	502.926
12708196	Pass	0.103	0.079	0.284	3	495092.908	9169300.886	499.722
12709209	Pass	0.125	0.072	0.314	3	496238.138	9169692.211	476.150
12709265	Pass	0.121	0.070	0.310	3	496208.847	9169532.512	470.496

12709563	Pass	0.101	0.070	0.305	3	496051.242	9169647.601	467.293
12709659	Pass	0.108	0.070	0.306	3	496109.776	9169540.140	466.692
12710223	Pass	0.078	0.070	0.298	3	495816.898	9169686.388	466.903
12710299	Pass	0.074	0.068	0.292	3	495750.566	9169558.926	469.444
12710381	Pass	0.071	0.069	0.286	3	495652.978	9169541.438	479.156
12710869	Pass	0.070	0.070	0.292	3	495642.075	9169663.666	471.130
12711613	Pass	0.077	0.075	0.292	3	495354.586	9169766.694	482.136
12712447	Pass	0.086	0.074	0.290	3	495245.485	9169730.938	484.238
12712598	Pass	0.081	0.070	0.283	3	495310.174	9169608.979	488.404
12712675	Pass	0.104	0.094	0.532	2	495328.880	9169537.411	485.022
12713340	Pass	0.099	0.082	0.289	3	495133.527	9169402.802	495.727
12714156	Pass	0.116	0.069	0.304	3	496217.443	9170049.506	489.302
12714364	Pass	0.113	0.068	0.304	3	496186.403	9169887.015	480.875
12714529	Pass	0.105	0.067	0.299	3	496135.142	9169991.292	487.437
12714582	Pass	0.102	0.067	0.300	3	496101.936	9169895.973	478.861
12715096	Pass	0.072	0.068	0.290	3	495779.572	9170071.356	482.876
12715423	Pass	0.071	0.066	0.290	3	495752.684	9169910.823	476.720
12715650	Pass	0.067	0.072	0.293	3	495634.139	9170150.855	477.758
12716612	Pass	0.077	0.067	0.290	3	495366.195	9169928.572	479.672
12716926	Pass	0.077	0.071	0.292	3	495364.940	9170128.905	479.656
12718021	Pass	0.103	0.078	0.297	3	495098.802	9169799.895	486.898
12718557	Pass	0.119	0.070	0.306	3	496269.745	9170481.193	494.035
12718808	Pass	0.112	0.067	0.297	3	496229.654	9170275.740	500.073
12719155	Pass	0.098	0.066	0.292	3	496111.792	9170366.781	498.461
12719230	Pass	0.090	0.066	0.292	3	496038.434	9170393.563	493.617
12720149	Pass	0.069	0.066	0.288	3	495767.965	9170444.288	492.041
12720397	Pass	0.072	0.064	0.286	3	495831.659	9170326.560	491.058
12720627	Pass	0.071	0.071	0.293	3	495761.848	9170141.926	483.090
12720936	Pass	0.067	0.069	0.287	3	495720.693	9170514.214	499.964
12721098	Pass	0.067	0.065	0.282	3	495706.841	9170398.287	501.296
12721724	Pass	0.074	0.069	0.287	3	495412.756	9170505.615	500.253
12722262	Pass	0.079	0.072	0.290	3	495349.745	9170557.351	505.177
12722587	Pass	0.080	0.065	0.289	3	495337.810	9170331.324	488.654
12722918	Pass	0.099	0.070	0.293	3	495156.935	9170493.526	500.796
12723825	Pass	0.113	0.068	0.304	3	496253.202	9170804.737	497.073
12723836	Pass	0.110	0.067	0.302	3	496234.586	9170710.047	496.645
12724130	Pass	0.105	0.071	0.303	3	496188.681	9170887.566	502.295
12724206	Pass	0.100	0.067	0.296	3	496157.375	9170775.740	503.405
12725462	Pass	0.070	0.064	0.284	3	495837.727	9170766.363	508.388
12726125	Pass	0.065	0.067	0.280	3	495689.470	9170873.969	521.834
12726277	Pass	0.066	0.064	0.281	3	495710.189	9170771.138	511.307
12726928	Pass	0.069	0.067	0.278	3	495517.776	9170857.674	523.289
12727731	Pass	0.083	0.071	0.288	3	495328.049	9170928.554	514.517
12727948	Pass	0.080	0.065	0.280	3	495352.859	9170779.965	519.436
12728489	Pass	0.090	0.068	0.284	3	495257.412	9170880.426	522.003
12728546	Pass	0.097	0.066	0.283	3	495197.305	9170803.654	523.006
12729254	Pass	0.110	0.070	0.302	3	496248.906	9171198.435	509.435
12729508	Pass	0.108	0.068	0.298	3	496241.081	9171098.312	512.553
12729575	Pass	0.107	0.069	0.301	3	496233.229	9171054.850	505.147
12730683	Pass	0.074	0.066	0.288	3	495914.010	9171126.616	504.392
12731322	Pass	0.066	0.071	0.293	3	495646.909	9171311.575	495.591

12731480	Pass	0.067	0.065	0.285	3	495770.257	9171165.521	504.988
12732995	Pass	0.077	0.070	0.291	3	495428.261	9171299.127	500.471
12733722	Pass	0.101	0.074	0.305	3	495214.367	9171358.267	485.522
12734004	Pass	0.096	0.065	0.290	3	495232.171	9171133.416	502.068
12734232	Pass	0.117	0.074	0.308	3	495088.335	9171350.945	488.552
12734744	Pass	0.128	0.075	0.317	3	496385.149	9171624.787	486.788
12734880	Pass	0.122	0.072	0.311	3	496350.841	9171487.973	492.166
12735192	Pass	0.109	0.075	0.312	3	496251.248	9171663.199	478.939
12735325	Pass	0.104	0.070	0.304	3	496218.765	9171481.481	489.110
12735418	Pass	0.094	0.072	0.302	3	496117.249	9171291.186	501.708
12736253	Pass	0.068	0.069	0.291	3	495813.506	9171636.443	480.261
12736392	Pass	0.075	0.068	0.292	3	495935.702	9171551.219	484.309
12736819	Pass	0.076	0.072	0.298	3	495940.690	9171306.286	495.407
12737371	Pass	0.066	0.066	0.285	3	495753.739	9171478.110	490.166
12738741	Pass	0.080	0.074	0.297	3	495435.376	9171743.189	467.866
12740588	Pass	0.198	0.124	0.566	2	496332.116	9172009.878	474.381
12740679	Pass	0.116	0.075	0.310	3	496315.552	9171963.342	469.334
12740853	Pass	0.124	0.075	0.311	3	496381.645	9171839.111	477.976
12741121	Pass	0.114	0.075	0.310	3	496303.440	9171976.727	468.111
12742232	Pass	0.076	0.077	0.306	3	495956.559	9172114.853	453.953
12742266	Pass	0.069	0.071	0.297	3	495840.705	9172021.108	457.854
12742366	Pass	0.069	0.068	0.293	3	495847.559	9171913.498	463.250
12742571	Pass	0.100	0.090	0.542	2	495957.875	9171862.175	470.182
12743405	Pass	0.066	0.070	0.290	3	495689.169	9171665.317	479.531
12744432	Pass	0.077	0.072	0.299	3	495495.735	9172086.568	455.448
12744490	Pass	0.076	0.066	0.293	3	495506.266	9171928.091	461.224
12744807	Pass	0.107	0.066	0.302	3	495210.098	9171900.161	458.574
12745650	Pass	0.136	0.082	0.326	3	496435.068	9172373.155	457.375
12745707	Pass	0.124	0.085	0.322	3	496355.131	9172476.530	463.397
12746413	Pass	0.102	0.076	0.312	3	496204.399	9172337.718	452.754
12747289	Pass	0.074	0.077	0.303	3	495912.578	9172464.675	450.265
12747966	Pass	0.070	0.075	0.300	3	495836.982	9172457.084	451.865
12748242	Pass	0.068	0.069	0.295	3	495743.818	9172255.778	452.089
12749289	Pass	0.076	0.072	0.295	3	495540.598	9172459.722	455.129
12749497	Pass	0.103	0.128	0.560	2	495502.450	9172048.440	456.672
12751180	Pass	0.233	0.152	0.603	2	496459.772	9172860.250	443.750
12751317	Pass	0.151	0.092	0.335	2	496496.241	9172688.515	447.907
12751700	Pass	0.127	0.090	0.331	3	496367.356	9172868.806	444.482
12751830	Pass	0.111	0.081	0.318	3	496271.260	9172664.780	446.355
12752894	Pass	0.079	0.082	0.307	3	495980.589	9172882.907	445.961
12752997	Pass	0.074	0.074	0.298	3	495915.842	9172740.815	448.808
12753531	Pass	0.070	0.079	0.300	3	495792.148	9172897.285	448.345
12753677	Pass	0.070	0.073	0.294	3	495748.481	9172797.668	448.939
12755915	Pass	0.138	0.091	0.342	3	496437.596	9173203.797	439.132
12756105	Pass	0.132	0.087	0.336	3	496405.620	9173050.609	439.993
12756137	Pass	0.131	0.087	0.335	3	496396.796	9173067.694	440.357
12757908	Pass	0.079	0.080	0.304	3	495991.898	9173227.183	451.146
12758092	Pass	0.074	0.075	0.298	3	495912.120	9173086.936	449.226
12758577	Pass	0.071	0.080	0.295	3	495813.349	9173283.742	459.495
12759389	Pass	0.077	0.077	0.288	3	495608.662	9173301.932	468.747
12759583	Pass	0.077	0.070	0.284	3	495598.687	9173137.622	464.445

12759614	Pass	0.076	0.069	0.284	3	495611.713	9173058.325	463.654
12760029	Pass	0.118	0.149	0.557	2	495526.065	9173303.752	468.412
12761106	Pass	0.164	0.099	0.371	3	496581.421	9173646.904	440.295
12761123	Pass	0.137	0.091	0.352	3	496440.552	9173564.689	442.056
12761234	Pass	0.158	0.093	0.362	3	496556.820	9173489.004	439.959
12761580	Pass	0.134	0.093	0.341	3	496411.427	9173248.706	438.688
12761777	Pass	0.112	0.090	0.340	3	496283.267	9173650.979	446.341
12763168	Pass	0.078	0.079	0.312	3	495975.825	9173581.452	452.611
12763231	Pass	0.077	0.083	0.314	3	495954.599	9173667.378	454.446
12763417	Pass	0.075	0.076	0.305	3	495941.265	9173479.753	460.780
12765027	Pass	0.081	0.074	0.295	3	495577.037	9173637.654	466.094
12765208	Pass	0.086	0.068	0.287	3	495511.346	9173467.904	473.579
12766399	Pass	0.153	0.095	0.371	3	496549.053	9173943.396	436.241
12766455	Pass	0.214	0.141	0.608	2	496470.567	9173973.078	444.920
12766506	Pass	0.149	0.093	0.366	3	496527.981	9173858.417	439.792
12767085	Pass	0.133	0.090	0.353	3	496437.032	9173827.590	448.575
12768405	Pass	0.077	0.079	0.312	3	495975.337	9173965.146	466.467
12768426	Pass	0.077	0.077	0.311	3	495970.248	9173882.983	464.041
12768840	Pass	0.076	0.077	0.309	3	495943.713	9173557.881	454.597
12770471	Pass	0.113	0.134	0.558	2	495597.040	9174023.807	471.723
12771541	Pass	0.146	0.094	0.370	3	496519.939	9174366.518	443.861
12771544	Pass	0.144	0.097	0.372	3	496505.355	9174444.161	443.913
12771638	Pass	0.162	0.095	0.379	3	496607.905	9174237.275	440.048
12772682	Pass	0.092	0.083	0.331	3	496162.581	9174357.238	456.586
12772845	Pass	0.090	0.081	0.326	3	496154.500	9174268.551	463.666
12773117	Pass	0.119	0.145	0.571	2	496139.936	9174032.133	473.831
12773832	Pass	0.077	0.081	0.314	3	495978.334	9174022.374	467.323
12776229	Pass	0.106	0.067	0.293	3	495377.719	9174263.171	479.221
12776629	Pass	0.144	0.094	0.370	3	496530.264	9174785.013	447.546
12776764	Pass	0.152	0.093	0.373	3	496577.270	9174641.485	445.410
12777232	Pass	0.116	0.090	0.354	3	496361.560	9174808.517	449.107
12778350	Pass	0.092	0.087	0.335	3	496167.024	9174439.197	457.026
12778554	Pass	0.081	0.085	0.333	3	496055.682	9174860.872	453.082
12778744	Pass	0.079	0.078	0.324	3	496038.109	9174616.737	454.657
12780416	Pass	0.081	0.080	0.317	3	495693.727	9174888.627	461.371
12780485	Pass	0.080	0.071	0.306	3	495690.715	9174694.276	466.360
12781922	Pass	0.151	0.094	0.356	3	496605.573	9175153.336	475.775
12782082	Pass	0.158	0.094	0.368	3	496642.716	9174996.931	456.250
12783897	Pass	0.092	0.082	0.336	3	496188.431	9174718.505	450.406
12784334	Pass	0.081	0.079	0.320	3	496094.240	9174994.383	454.237
12784604	Pass	0.077	0.084	0.318	3	496021.067	9175250.418	458.532
12785686	Pass	0.092	0.074	0.306	3	495592.153	9175185.948	454.198
12787100	Pass	0.143	0.094	0.350	3	496596.953	9175589.937	464.820
12787135	Pass	0.139	0.092	0.345	3	496574.966	9175569.214	468.338
12787258	Pass	0.213	0.114	0.587	2	496578.184	9175407.308	470.454
12789393	Pass	0.079	0.079	0.308	3	496084.431	9175523.486	464.960
12789400	Pass	0.083	0.079	0.315	3	496146.612	9175407.474	457.640
12789511	Pass	0.081	0.083	0.325	3	496095.641	9175215.605	447.975
12789738	Pass	0.075	0.079	0.304	3	495950.937	9175581.540	465.092
12790880	Pass	0.088	0.077	0.299	3	495665.598	9175611.661	469.765
12791266	Pass	0.094	0.077	0.296	3	495595.173	9175634.072	483.173

12791868	Pass	0.138	0.089	0.344	3	496590.035	9175891.698	473.635
12792015	Pass	0.140	0.089	0.346	3	496597.708	9175841.717	470.497
12793506	Pass	0.079	0.079	0.306	3	496110.077	9175919.417	488.613
12793654	Pass	0.079	0.078	0.305	3	496107.365	9175883.614	489.375
12794500	Pass	0.076	0.075	0.307	3	495984.177	9175802.846	477.078
12795497	Pass	0.088	0.077	0.278	3	495672.609	9176007.835	547.708
12795661	Pass	0.087	0.072	0.289	3	495689.328	9175861.084	510.861
12796147	Pass	0.093	0.074	0.274	3	495612.304	9175938.568	553.951
12797446	Pass	0.140	0.089	0.339	3	496620.489	9176282.307	481.022
12797601	Pass	0.135	0.088	0.331	3	496597.415	9176162.960	496.121
12797942	Pass	0.138	0.092	0.343	3	496586.026	9175982.072	481.779
12799489	Pass	0.080	0.080	0.316	3	496137.585	9176344.375	462.045
12799758	Pass	0.080	0.077	0.311	3	496124.655	9176186.157	468.775
12804004	Pass	0.245	0.098	0.598	2	496779.936	9176778.727	436.960
12804120	Pass	0.142	0.088	0.346	3	496670.483	9176605.020	432.255
12804460	Pass	0.142	0.093	0.353	3	496621.155	9176385.706	452.511
12804760	Pass	0.113	0.087	0.336	3	496494.012	9176772.668	438.486
12806146	Pass	0.090	0.082	0.321	3	496306.887	9176735.236	446.459
12806148	Pass	0.079	0.082	0.320	3	496166.774	9176802.298	447.602
12810575	Pass	0.139	0.087	0.350	3	496693.742	9177165.894	453.403
12810736	Pass	0.142	0.085	0.352	3	496702.907	9177030.977	440.002
12811049	Pass	0.110	0.081	0.338	3	496512.236	9177113.062	443.126
12812142	Pass	0.084	0.076	0.324	3	496284.231	9176996.412	442.415
12812554	Pass	0.073	0.077	0.320	3	496071.106	9177191.730	444.517
12813126	Pass	0.076	0.077	0.308	3	496099.396	9176687.902	459.478
12816247	Pass	0.153	0.083	0.354	3	496815.588	9177454.145	467.912
12816412	Pass	0.145	0.087	0.347	2	496747.656	9177396.544	468.852
12818828	Pass	0.082	0.079	0.325	3	496275.428	9177178.582	446.717
12819035	Pass	0.070	0.074	0.308	3	496133.770	9177565.470	472.104
12819354	Pass	0.072	0.070	0.312	3	496065.838	9177350.331	455.395
12822342	Pass	0.137	0.080	0.353	3	496766.481	9177902.224	442.026
12822500	Pass	0.132	0.078	0.346	3	496740.656	9177806.187	448.240
12822813	Pass	0.131	0.083	0.339	3	496697.552	9177541.772	483.454
12823222	Pass	0.102	0.074	0.317	3	496546.627	9177819.946	482.617
12824593	Pass	0.073	0.070	0.283	3	496256.766	9177900.032	531.795
12824751	Pass	0.073	0.069	0.282	3	496266.827	9177840.858	534.308
12825071	Pass	0.074	0.077	0.304	3	496237.935	9177596.584	494.175
12825545	Pass	0.068	0.067	0.273	3	496134.734	9177849.618	545.462
12829284	Pass	0.135	0.078	0.338	3	496796.377	9178279.025	449.393
12829428	Pass	0.124	0.076	0.328	3	496731.110	9178159.727	456.639
12830207	Pass	0.100	0.073	0.315	3	496573.706	9178250.732	460.572
12831662	Pass	0.076	0.070	0.290	3	496350.282	9178275.471	495.730
12831826	Pass	0.071	0.068	0.284	3	496280.555	9178251.271	500.179
12836234	Pass	0.142	0.080	0.345	3	496847.108	9178650.958	432.795
12836395	Pass	0.139	0.078	0.343	3	496832.354	9178550.276	433.682
12836954	Pass	0.103	0.078	0.326	3	496607.633	9178712.096	443.346
12838650	Pass	0.082	0.072	0.310	3	496431.331	9178661.167	454.287
12843070	Pass	0.147	0.087	0.354	3	496889.509	9179101.244	443.494
12843230	Pass	0.144	0.082	0.351	3	496872.802	9178954.513	441.044
12844064	Pass	0.105	0.077	0.335	3	496627.683	9179011.229	437.925
12845350	Pass	0.071	0.071	0.308	3	496296.358	9178989.692	461.841

12845792	Pass	0.074	0.069	0.302	3	496343.770	9178549.278	461.229
12845866	Pass	0.068	0.072	0.306	3	496211.568	9179096.228	463.075
12849587	Pass	0.131	0.086	0.342	3	496820.747	9179474.957	469.412
12849747	Pass	0.145	0.087	0.347	3	496901.319	9179413.090	470.786
12850312	Pass	0.118	0.088	0.337	3	496736.770	9179553.999	474.091
12852192	Pass	0.080	0.075	0.319	3	496431.097	9179339.969	455.876
12852350	Pass	0.084	0.080	0.327	3	496457.850	9179155.269	445.300
12852577	Pass	0.069	0.076	0.305	3	496254.349	9179541.812	478.979
12852738	Pass	0.072	0.073	0.313	3	496310.334	9179359.983	454.555
12856466	Pass	0.143	0.092	0.350	3	496906.151	9179948.057	468.321
12856611	Pass	0.133	0.086	0.337	3	496853.939	9179787.323	481.108
12857350	Pass	0.106	0.084	0.324	3	496681.513	9179916.231	481.802
12861078	Pass	0.078	0.070	0.277	3	495966.840	9179940.236	514.710
12863429	Pass	0.211	0.096	0.573	2	496931.326	9180355.767	448.503
12863454	Pass	0.131	0.088	0.343	3	496871.551	9180308.115	455.440
12863575	Pass	0.144	0.088	0.342	3	496953.810	9180200.226	473.353
12865726	Pass	0.079	0.079	0.308	3	496474.479	9180351.838	468.723
12865889	Pass	0.076	0.075	0.291	3	496441.016	9180226.616	505.546
12866203	Pass	0.082	0.081	0.306	3	496478.689	9179953.992	493.882
12866438	Pass	0.074	0.074	0.293	3	496389.721	9179792.524	508.119
12866510	Pass	0.070	0.076	0.297	3	496325.748	9180354.033	476.577
12870261	Pass	0.155	0.091	0.360	3	497031.114	9180726.462	420.086
12870421	Pass	0.153	0.088	0.357	3	497025.649	9180621.275	421.070
12871720	Pass	0.092	0.082	0.319	3	496628.843	9180773.627	441.377
12872511	Pass	0.073	0.074	0.301	3	496425.095	9180710.503	449.067
12872668	Pass	0.074	0.074	0.300	3	496448.147	9180660.927	451.614
12873315	Pass	0.072	0.073	0.299	3	496404.139	9180695.666	448.524
12876919	Pass	0.143	0.089	0.349	3	496987.612	9181166.699	442.469
12876981	Pass	0.134	0.086	0.343	3	496939.414	9181144.086	443.308
12877080	Pass	0.137	0.084	0.343	3	496957.248	9181041.131	444.595
12878756	Pass	0.086	0.075	0.314	3	496602.766	9181057.723	436.661
12879283	Pass	0.086	0.077	0.317	3	496599.968	9181135.743	431.060
12880071	Pass	0.069	0.074	0.295	3	496317.551	9181206.374	452.437
12883766	Pass	0.158	0.090	0.378	3	497048.436	9181478.892	439.380
12884092	Pass	0.140	0.084	0.365	3	496956.654	9181327.908	438.164
12885428	Pass	0.088	0.075	0.336	3	496628.459	9181411.834	430.733
12890353	Pass	0.298	0.164	0.724	2	497140.883	9181905.354	413.491
12890442	Pass	0.285	0.136	0.709	2	497117.768	9181809.547	416.896
12890497	Pass	0.244	0.110	0.686	2	497018.977	9181707.319	423.463
12890660	Pass	0.163	0.094	0.385	3	497069.616	9181537.844	433.206
12892991	Pass	0.081	0.075	0.330	3	496567.929	9181467.267	437.348
12897508	Pass	0.248	0.188	0.687	2	494019.139	9168994.250	501.724
12897540	Pass	0.236	0.186	0.682	2	494050.185	9168997.779	502.789
12897545	Pass	0.242	0.160	0.671	2	494022.363	9169082.104	505.666
12897704	Pass	0.229	0.129	0.656	2	494050.189	9169189.939	508.498
12897868	Pass	0.221	0.117	0.650	2	494070.100	9169240.491	509.359
12897917	Pass	0.141	0.096	0.341	3	494007.603	9169455.296	500.674
12898027	Pass	0.138	0.091	0.335	3	494019.178	9169526.750	506.502
12898058	Pass	0.220	0.094	0.553	2	493998.828	9169672.583	522.099
12898281	Pass	0.223	0.152	0.662	2	494074.266	9169098.588	509.862
12898556	Pass	0.120	0.100	0.332	3	494151.907	9169340.356	508.705

12898610	Pass	0.159	0.182	0.656	2	494280.210	9168979.286	512.753
12898683	Pass	0.131	0.148	0.640	2	494374.270	9169076.000	513.832
12899448	Pass	0.116	0.184	0.654	2	494455.810	9168956.950	505.251
12899670	Pass	0.110	0.142	0.637	2	494464.936	9169090.002	511.616
12899765	Pass	0.107	0.095	0.618	2	494457.714	9169297.164	524.668
12899830	Pass	0.086	0.087	0.307	3	494466.770	9169369.884	524.501
12899941	Pass	0.086	0.083	0.305	3	494441.961	9169451.758	524.582
12900040	Pass	0.083	0.078	0.304	3	494455.936	9169584.183	521.783
12900107	Pass	0.102	0.183	0.645	2	494556.363	9168952.385	511.424
12900259	Pass	0.099	0.165	0.638	2	494576.535	9169005.209	513.765
12900522	Pass	0.082	0.088	0.308	3	494565.658	9169335.731	519.199
12901660	Pass	0.139	0.187	0.648	2	494900.975	9168934.053	508.451
12902091	Pass	0.093	0.090	0.317	3	494918.327	9169272.816	503.143
12902134	Pass	0.090	0.080	0.312	3	494915.944	9169389.488	501.143
12902293	Pass	0.091	0.077	0.311	3	494931.361	9169438.878	501.731
12902450	Pass	0.085	0.073	0.311	3	494891.987	9169593.731	500.648
12902610	Pass	0.168	0.192	0.655	2	495000.683	9168922.950	504.166
12902679	Pass	0.116	0.086	0.324	3	495138.749	9169321.290	498.398
12902733	Pass	0.231	0.205	0.672	2	495187.327	9168899.747	496.612
12902877	Pass	0.136	0.095	0.335	3	495269.310	9169247.618	499.281
12903152	Pass	0.218	0.133	0.580	2	494028.906	9169438.622	500.136
12903398	Pass	0.118	0.081	0.299	3	494117.791	9169825.806	526.402
12903529	Pass	0.123	0.079	0.297	3	494071.104	9169975.053	536.328
12903724	Pass	0.108	0.085	0.302	3	494205.401	9169722.384	516.809
12904444	Pass	0.084	0.078	0.290	3	494426.814	9169765.364	516.409
12904717	Pass	0.085	0.082	0.293	3	494423.394	9169701.520	517.647
12904878	Pass	0.074	0.072	0.287	3	494568.908	9169867.170	510.612
12905037	Pass	0.075	0.079	0.290	3	494595.451	9169705.942	513.126
12906257	Pass	0.081	0.077	0.295	3	494895.946	9169712.048	501.708
12906404	Pass	0.085	0.075	0.297	3	494955.249	9169743.513	497.244
12906590	Pass	0.084	0.069	0.298	3	494965.446	9169895.122	495.607
12906755	Pass	0.102	0.078	0.308	3	495121.463	9169691.976	489.952
12907765	Pass	0.124	0.079	0.297	3	494089.334	9170142.529	543.540
12907945	Pass	0.121	0.075	0.295	3	494110.827	9170240.472	538.056
12908084	Pass	0.117	0.074	0.295	3	494136.802	9170301.478	533.919
12909596	Pass	0.079	0.075	0.293	3	494493.360	9170108.134	513.917
12909613	Pass	0.076	0.071	0.290	3	494531.967	9170176.682	512.396
12909818	Pass	0.078	0.070	0.291	3	494492.775	9170332.063	512.642
12911109	Pass	0.080	0.076	0.300	3	494959.170	9170045.434	496.751
12911209	Pass	0.078	0.068	0.296	3	494942.896	9170191.301	497.695
12912719	Pass	0.127	0.077	0.305	3	494101.340	9170501.355	525.154
12912878	Pass	0.128	0.075	0.304	3	494097.744	9170555.097	522.235
12913088	Pass	0.118	0.073	0.299	3	494159.785	9170672.844	523.092
12914285	Pass	0.080	0.074	0.295	3	494498.491	9170472.798	513.102
12915036	Pass	0.071	0.068	0.290	3	494619.603	9170586.320	513.656
12915224	Pass	0.070	0.067	0.288	3	494640.313	9170648.767	519.246
12915516	Pass	0.076	0.136	0.561	2	494741.246	9170456.929	506.533
12916315	Pass	0.080	0.073	0.304	3	495011.773	9170440.834	497.410
12916470	Pass	0.081	0.071	0.303	3	495026.992	9170469.784	498.921
12916577	Pass	0.080	0.066	0.298	3	495018.445	9170632.031	507.146
12918231	Pass	0.122	0.076	0.305	3	494166.876	9170875.013	506.604

12918337	Pass	0.114	0.077	0.304	3	494228.160	9170830.267	508.787
12918379	Pass	0.119	0.073	0.305	3	494187.140	9170991.136	496.347
12918545	Pass	0.128	0.074	0.310	3	494130.871	9171009.549	489.954
12919507	Pass	0.111	0.133	0.556	2	494505.542	9170474.298	514.605
12919942	Pass	0.078	0.074	0.287	3	494536.296	9170814.983	526.285
12920038	Pass	0.078	0.072	0.286	3	494541.025	9170860.296	523.271
12920808	Pass	0.072	0.068	0.291	3	494623.801	9171055.266	501.077
12921080	Pass	0.068	0.075	0.294	3	494752.434	9170785.852	508.421
12921967	Pass	0.106	0.106	0.554	2	495006.390	9170578.380	509.692
12922089	Pass	0.078	0.074	0.295	3	495025.687	9170789.680	516.844
12922231	Pass	0.089	0.067	0.294	3	495141.853	9170906.017	521.903
12922380	Pass	0.089	0.067	0.294	3	495144.394	9170917.815	520.804
12922671	Pass	0.107	0.074	0.304	3	495283.759	9170787.224	522.877
12924093	Pass	0.139	0.081	0.321	3	494102.730	9171196.314	483.673
12924273	Pass	0.127	0.076	0.311	3	494173.679	9171277.779	486.756
12924457	Pass	0.117	0.075	0.309	3	494240.933	9171456.247	478.673
12924859	Pass	0.107	0.075	0.302	3	494310.295	9171236.385	496.387
12926003	Pass	0.077	0.069	0.298	3	494583.415	9171431.802	481.543
12926424	Pass	0.077	0.075	0.293	3	494579.383	9171176.987	504.186
12926673	Pass	0.070	0.069	0.295	3	494687.849	9171299.747	486.824
12927062	Pass	0.068	0.075	0.301	3	494849.280	9171149.775	488.895
12928479	Pass	0.084	0.073	0.305	3	495103.258	9171171.359	497.487
12928641	Pass	0.078	0.069	0.302	3	495039.262	9171240.736	490.558
12928766	Pass	0.085	0.066	0.306	3	495121.175	9171397.630	487.149
12929099	Pass	0.095	0.078	0.311	3	495200.907	9171115.047	506.607
12930381	Pass	0.195	0.081	0.568	2	494242.722	9171583.074	494.056
12930537	Pass	0.207	0.089	0.561	2	494199.375	9171684.288	508.792
12931359	Pass	0.178	0.084	0.568	2	494302.960	9171645.784	487.769
12931893	Pass	0.128	0.079	0.572	2	494487.068	9171520.653	473.587
12932654	Pass	0.092	0.078	0.571	2	494646.905	9171509.120	472.580
12932767	Pass	0.098	0.084	0.570	2	494612.662	9171676.539	470.308
12932892	Pass	0.083	0.103	0.569	2	494707.312	9171796.491	473.655
12933478	Pass	0.079	0.076	0.574	2	494888.721	9171622.684	464.979
12936023	Pass	0.224	0.124	0.588	2	494205.571	9172014.374	501.230
12936024	Pass	0.202	0.126	0.589	2	494277.077	9172005.117	494.049
12936025	Pass	0.223	0.129	0.589	2	494211.005	9171996.161	502.694
12936523	Pass	0.127	0.077	0.320	3	494245.549	9172329.804	487.380
12936750	Pass	0.126	0.073	0.318	3	494243.750	9172430.174	483.503
12936865	Pass	0.117	0.072	0.316	3	494304.601	9172521.238	478.347
12937213	Pass	0.161	0.122	0.577	2	494408.551	9172013.845	495.761
12937483	Pass	0.108	0.076	0.315	3	494376.654	9172325.240	478.840
12937972	Pass	0.113	0.139	0.578	2	494591.103	9171942.401	493.639
12938004	Pass	0.115	0.147	0.580	2	494584.871	9171910.450	496.844
12938142	Pass	0.111	0.114	0.571	2	494597.815	9172037.679	488.699
12938171	Pass	0.111	0.116	0.571	2	494596.062	9172031.154	489.678
12939503	Pass	0.070	0.076	0.310	3	494768.145	9172258.201	466.131
12939544	Pass	0.076	0.071	0.306	3	494659.142	9172364.671	469.150
12939760	Pass	0.076	0.068	0.308	3	494659.240	9172545.310	462.357
12940360	Pass	0.070	0.076	0.309	3	494775.984	9172258.485	466.384
12941819	Pass	0.106	0.093	0.581	2	495083.756	9172131.438	459.937
12941860	Pass	0.090	0.074	0.313	3	495225.463	9172283.180	458.799

12941928	Pass	0.089	0.071	0.311	3	495213.574	9172318.393	459.307
12943384	Pass	0.132	0.077	0.320	3	494229.736	9172679.937	497.415
12943425	Pass	0.117	0.076	0.316	3	494333.710	9172669.910	490.135
12943611	Pass	0.119	0.072	0.314	3	494310.247	9172766.600	486.829
12943697	Pass	0.132	0.072	0.313	3	494219.819	9172930.070	501.278
12945768	Pass	0.070	0.073	0.300	3	494766.203	9172666.265	476.191
12945924	Pass	0.071	0.068	0.295	3	494747.576	9172750.673	482.852
12946071	Pass	0.072	0.067	0.292	3	494719.581	9172813.964	488.180
12947812	Pass	0.133	0.098	0.577	2	495224.938	9172471.900	460.505
12949503	Pass	0.117	0.075	0.309	3	494352.404	9173041.932	495.191
12949698	Pass	0.123	0.070	0.297	3	494293.070	9173197.659	518.428
12949818	Pass	0.112	0.069	0.285	3	494366.250	9173303.425	540.529
12951533	Pass	0.077	0.066	0.294	3	494685.101	9173249.548	474.060
12951947	Pass	0.084	0.153	0.588	2	494821.000	9172989.277	465.774
12951961	Pass	0.068	0.071	0.299	3	494822.563	9173050.338	466.689
12952107	Pass	0.068	0.069	0.297	3	494821.471	9173085.384	467.278
12955310	Pass	0.122	0.071	0.293	3	494335.170	9173454.526	520.301
12955467	Pass	0.115	0.069	0.293	3	494381.700	9173500.662	506.653
12955631	Pass	0.118	0.068	0.293	3	494360.914	9173633.627	501.076
12957042	Pass	0.077	0.068	0.293	3	494705.399	9173470.637	475.803
12957635	Pass	0.068	0.069	0.291	3	494831.394	9173430.540	479.920
12957938	Pass	0.067	0.064	0.280	3	494857.128	9173634.462	496.545
12960774	Pass	0.116	0.071	0.296	3	494421.428	9173806.591	496.714
12960838	Pass	0.120	0.068	0.293	3	494386.845	9173907.939	499.964
12961925	Pass	0.111	0.120	0.571	2	494714.991	9173475.730	476.742
12962903	Pass	0.075	0.069	0.283	3	494766.146	9173796.782	501.297
12963026	Pass	0.075	0.065	0.281	3	494760.426	9173898.727	502.090
12963282	Pass	0.068	0.064	0.280	3	494872.883	9173991.382	502.868
12965925	Pass	0.112	0.067	0.279	3	494432.045	9173997.123	533.527
12966135	Pass	0.186	0.076	0.513	2	494443.628	9174195.340	568.503
12966251	Pass	0.113	0.068	0.270	3	494459.254	9174283.933	570.989
12966344	Pass	0.108	0.069	0.273	3	494500.300	9174406.254	557.867
12970067	Pass	0.080	0.072	0.301	3	495294.053	9174136.443	478.246
12970074	Pass	0.110	0.114	0.566	2	495300.315	9174239.130	482.086
12971422	Pass	0.123	0.073	0.284	3	494434.331	9174569.572	553.846
12971522	Pass	0.123	0.072	0.284	3	494434.963	9174586.578	553.916
12971731	Pass	0.202	0.094	0.547	2	494473.999	9174718.721	523.614
12973006	Pass	0.077	0.072	0.267	3	494821.568	9174507.737	575.299
12973908	Pass	0.072	0.067	0.264	3	494893.667	9174630.778	572.879
12974033	Pass	0.070	0.066	0.276	3	494965.249	9174673.732	534.251
12977520	Pass	0.132	0.078	0.309	3	494437.125	9174890.772	512.224
12977672	Pass	0.122	0.073	0.302	3	494503.050	9175040.675	509.758
12977774	Pass	0.131	0.074	0.298	3	494434.720	9175057.166	528.858
12979112	Pass	0.081	0.074	0.296	3	494845.414	9174880.119	504.509
12979846	Pass	0.077	0.070	0.295	3	494903.374	9174980.877	494.340
12980033	Pass	0.078	0.069	0.302	3	494906.397	9175051.021	477.107
12983413	Pass	0.131	0.080	0.309	3	494484.240	9175279.774	519.495
12983633	Pass	0.119	0.076	0.295	3	494554.104	9175373.340	531.897
12983711	Pass	0.117	0.076	0.287	3	494566.323	9175457.320	549.393
12985571	Pass	0.078	0.076	0.301	3	494939.326	9175242.870	493.108
12985739	Pass	0.078	0.072	0.290	3	494932.321	9175377.127	509.530

12989221	Pass	0.129	0.083	0.289	3	494523.071	9175649.295	573.671
12989379	Pass	0.125	0.081	0.284	3	494541.271	9175757.308	572.507
12989537	Pass	0.117	0.081	0.270	3	494591.042	9175847.950	604.391
12991786	Pass	0.079	0.078	0.272	3	494946.191	9175617.602	578.304
12991811	Pass	0.074	0.074	0.266	3	495024.788	9175712.309	581.293
12995554	Pass	0.121	0.086	0.268	3	494597.364	9176034.864	629.020
12995708	Pass	0.122	0.086	0.265	3	494589.501	9176053.423	635.543
12995868	Pass	0.115	0.085	0.255	3	494636.279	9176188.513	650.497
12997170	Pass	0.083	0.081	0.269	3	494937.098	9176011.132	588.542
12997507	Pass	0.082	0.078	0.255	3	494950.051	9176132.884	618.438
12998162	Pass	0.081	0.078	0.262	3	494957.443	9176075.663	600.987
13002533	Pass	0.137	0.089	0.284	3	494591.382	9176448.919	676.814
13002608	Pass	0.129	0.087	0.281	3	494640.249	9176502.199	669.409
13002640	Pass	0.120	0.086	0.278	3	494696.983	9176462.510	663.264
13004231	Pass	0.086	0.081	0.273	3	494970.673	9176410.032	622.150
13004790	Pass	0.080	0.082	0.273	3	495054.617	9176365.730	615.021
13009574	Pass	0.135	0.088	0.305	3	494672.533	9176843.388	654.365
13009734	Pass	0.135	0.087	0.312	3	494679.403	9176915.809	636.777
13010324	Pass	0.122	0.088	0.301	3	494752.589	9176763.635	644.614
13011070	Pass	0.091	0.083	0.293	3	494989.856	9176745.049	607.302
13014298	Pass	0.081	0.077	0.294	3	495443.498	9176719.818	550.763
13016656	Pass	0.139	0.090	0.336	3	494688.602	9177139.101	584.382
13016794	Pass	0.157	0.091	0.349	3	494596.493	9177184.690	580.353
13016954	Pass	0.146	0.088	0.350	3	494660.538	9177295.350	556.078
13018511	Pass	0.090	0.082	0.293	3	495018.460	9177134.632	601.873
13019138	Pass	0.079	0.080	0.289	3	495157.083	9177108.332	586.289
13019424	Pass	0.088	0.078	0.298	3	495034.459	9177239.857	578.240
13024061	Pass	0.191	0.096	0.535	2	494712.775	9177520.166	558.897
13024190	Pass	0.142	0.092	0.336	3	494668.615	9177538.886	568.014
13024350	Pass	0.143	0.090	0.344	3	494664.063	9177725.053	540.229
13025863	Pass	0.087	0.079	0.302	3	495041.573	9177587.593	539.967
13026385	Pass	0.080	0.081	0.293	3	495129.564	9177482.683	556.378
13031310	Pass	0.128	0.086	0.316	3	494753.003	9177986.821	566.044
13031468	Pass	0.135	0.086	0.320	3	494715.167	9178052.957	565.415
13032094	Pass	0.120	0.085	0.313	3	494803.150	9177952.361	562.660
13032950	Pass	0.085	0.077	0.311	3	495065.165	9177985.407	497.726
13033547	Pass	0.079	0.080	0.309	3	495135.145	9177881.373	498.282
13038453	Pass	0.131	0.085	0.304	3	494712.553	9178332.301	591.326
13038468	Pass	0.132	0.087	0.298	2	494728.615	9178400.877	601.223
13039087	Pass	0.101	0.082	0.297	3	494915.941	9178282.177	553.656
13045435	Pass	0.109	0.075	0.286	3	494852.475	9178777.481	606.125
13045491	Pass	0.128	0.079	0.300	3	494723.110	9178737.481	604.124
13045554	Pass	0.126	0.076	0.297	3	494734.455	9178859.269	606.559
13047743	Pass	0.070	0.071	0.274	3	495232.071	9178690.443	567.043
13067566	Pass	0.203	0.115	0.523	2	494840.634	9179895.592	542.205
13082680	Pass	0.123	0.069	0.308	3	494895.455	9180681.174	498.848
13082851	Pass	0.112	0.065	0.312	3	494975.866	9180832.616	465.645
13083453	Pass	0.103	0.065	0.294	3	495034.369	9180727.228	500.800
13090253	Pass	0.132	0.070	0.321	3	494885.254	9181049.699	463.780
13090390	Pass	0.126	0.065	0.311	3	494919.255	9181147.355	474.714
13090553	Pass	0.117	0.064	0.303	3	494978.753	9181171.981	484.351

13105139	Pass	0.238	0.128	0.615	2	493662.164	9184196.449	433.531
13105226	Pass	0.209	0.128	0.608	2	493767.455	9184265.311	428.520
13105299	Pass	0.224	0.144	0.615	2	493722.776	9184375.663	435.933
13108299	Pass	0.118	0.115	0.568	2	494263.749	9184302.210	456.344
13108394	Pass	0.126	0.132	0.577	2	494258.151	9184416.766	449.313
13108781	Pass	0.105	0.108	0.558	2	494299.309	9184120.043	464.387
13110706	Pass	0.152	0.114	0.575	2	494700.716	9184267.737	466.243
13110867	Pass	0.155	0.131	0.572	2	494690.820	9184386.572	492.633
13111640	Pass	0.186	0.116	0.590	2	494847.509	9184233.885	451.703
13113146	Pass	0.084	0.087	0.328	3	493664.962	9183448.469	443.373
13114445	Pass	0.103	0.103	0.366	3	493863.269	9183850.703	439.566
13115915	Pass	0.089	0.093	0.351	3	494140.594	9183751.753	418.979
13119644	Pass	0.069	0.077	0.289	3	495074.551	9183496.996	399.462
13123732	Pass	0.069	0.077	0.311	3	494395.007	9183208.967	427.575
13126035	Pass	0.061	0.065	0.267	3	494974.894	9183065.138	420.988
13134831	Pass	0.061	0.064	0.269	3	495101.429	9183079.404	420.698
13144877	Pass	0.078	0.071	0.275	3	494208.031	9182137.375	578.723
13147233	Pass	0.071	0.073	0.298	3	494618.034	9181965.681	483.494
13147360	Pass	0.075	0.067	0.283	3	494551.533	9182042.208	531.179
13150521	Pass	0.133	0.087	0.308	3	493886.288	9181403.224	555.880
13150611	Pass	0.124	0.081	0.305	3	493930.747	9181467.746	545.529
13150680	Pass	0.144	0.082	0.317	3	493820.959	9181515.661	536.566
13151385	Pass	0.146	0.082	0.524	2	494090.054	9181419.211	539.881
13153138	Pass	0.071	0.067	0.286	3	494351.576	9181596.946	486.171
13153814	Pass	0.067	0.071	0.293	3	494551.647	9181447.869	450.003
13153976	Pass	0.065	0.065	0.278	3	494509.945	9181595.120	490.509
13155506	Pass	0.091	0.068	0.294	3	494885.075	9181459.209	438.659
13155665	Pass	0.089	0.062	0.292	3	494876.862	9181619.583	434.026
13157917	Pass	0.125	0.086	0.314	3	493944.328	9181047.836	555.666
13158089	Pass	0.133	0.081	0.315	3	493898.143	9181226.716	564.066
13158804	Pass	0.100	0.080	0.301	3	494114.736	9181066.680	546.578
13158909	Pass	0.115	0.080	0.306	3	494001.982	9181151.137	556.090
13160754	Pass	0.072	0.069	0.299	3	494383.420	9181243.001	500.931
13160914	Pass	0.071	0.076	0.284	3	494374.348	9181406.780	506.856
13161241	Pass	0.070	0.076	0.298	3	494465.170	9181015.825	508.050
13161401	Pass	0.068	0.068	0.303	3	494508.902	9181181.293	477.822
13162035	Pass	0.074	0.073	0.318	3	494676.827	9181026.014	447.679
13162844	Pass	0.092	0.073	0.313	3	494886.539	9181010.755	462.572
13163196	Pass	0.089	0.064	0.310	3	494873.019	9181278.925	453.964
13163646	Pass	0.104	0.070	0.309	3	494987.779	9181038.695	476.330
13163826	Pass	0.101	0.064	0.300	3	494973.384	9181172.864	486.110
13165070	Pass	0.124	0.084	0.321	3	493971.838	9180672.638	565.125
13165091	Pass	0.122	0.086	0.326	3	493988.497	9180624.922	557.272
13165231	Pass	0.145	0.088	0.324	2	493865.407	9180778.961	573.840
13165902	Pass	0.100	0.077	0.312	3	494135.912	9180726.914	551.731
13166776	Pass	0.082	0.074	0.307	3	494289.999	9180732.056	539.959
13166902	Pass	0.082	0.072	0.305	3	494288.891	9180794.563	541.951
13168402	Pass	0.072	0.075	0.339	3	494574.349	9180630.741	466.950
13168554	Pass	0.071	0.067	0.338	3	494585.915	9180829.084	455.552
13170039	Pass	0.090	0.072	0.323	3	494862.834	9180642.871	499.459
13170221	Pass	0.090	0.065	0.323	3	494867.829	9180820.424	485.401

13170791	Pass	0.109	0.070	0.316	3	495010.259	9180666.414	522.907
13170946	Pass	0.107	0.064	0.337	3	494998.009	9180820.957	464.436
13172231	Pass	0.123	0.084	0.321	3	493994.670	9180265.078	558.843
13172385	Pass	0.146	0.082	0.340	3	493865.030	9180443.508	543.906
13172466	Pass	0.124	0.080	0.327	3	493990.128	9180375.172	541.228
13174031	Pass	0.083	0.072	0.314	3	494298.809	9180446.725	520.183
13174680	Pass	0.076	0.074	0.322	3	494403.272	9180320.124	491.105
13175010	Pass	0.104	0.096	0.544	2	494303.769	9180469.866	518.324
13175158	Pass	0.094	0.137	0.559	2	494350.395	9180667.836	521.153
13175279	Pass	0.091	0.109	0.537	2	494358.818	9180787.912	535.042
13175492	Pass	0.079	0.128	0.580	2	494516.791	9180316.381	482.732
13177086	Pass	0.147	0.136	0.578	2	494924.575	9180277.405	509.080
13179551	Pass	0.130	0.086	0.299	3	493930.112	9179882.788	581.076
13179713	Pass	0.131	0.081	0.301	3	493924.889	9180047.290	574.132
13180388	Pass	0.105	0.080	0.301	3	494108.361	9179912.997	542.528
13181319	Pass	0.082	0.074	0.295	3	494314.412	9179945.989	528.601
13181404	Pass	0.083	0.073	0.302	3	494309.909	9180004.522	510.339
13181782	Pass	0.084	0.078	0.314	3	494301.587	9180245.339	526.034
13182822	Pass	0.071	0.074	0.286	3	494493.024	9179874.514	545.845
13184481	Pass	0.082	0.067	0.289	3	494865.676	9179961.752	531.995
13185044	Pass	0.114	0.108	0.572	2	494795.504	9180394.636	487.142
13186906	Pass	0.139	0.092	0.327	3	493952.213	9179523.483	613.948
13187005	Pass	0.125	0.089	0.318	3	494032.162	9179521.034	612.740
13187072	Pass	0.138	0.088	0.327	3	493955.386	9179585.870	607.320
13188747	Pass	0.086	0.075	0.307	3	494322.445	9179651.574	569.204
13189323	Pass	0.076	0.079	0.284	3	494464.728	9179489.996	613.142
13190128	Pass	0.073	0.077	0.288	3	494598.944	9179479.974	589.431
13192262	Pass	0.134	0.131	0.536	2	494906.250	9179888.988	539.158
13194403	Pass	0.138	0.107	0.344	3	494018.728	9179098.782	647.516
13194475	Pass	0.131	0.103	0.335	3	494052.433	9179126.947	651.483
13194564	Pass	0.147	0.097	0.347	3	493966.431	9179280.508	645.514
13196308	Pass	0.089	0.082	0.307	3	494338.103	9179293.865	632.024
13196910	Pass	0.082	0.086	0.301	3	494447.979	9179130.599	633.899
13197758	Pass	0.076	0.081	0.299	3	494580.049	9179138.941	615.209
13201974	Pass	0.143	0.117	0.358	3	494054.030	9178824.012	690.486
13202129	Pass	0.141	0.123	0.364	3	494070.904	9178753.147	687.689
13202171	Pass	0.140	0.110	0.353	3	494068.844	9178884.730	686.448
13204092	Pass	0.095	0.091	0.327	3	494346.345	9178959.445	650.555
13204493	Pass	0.095	0.104	0.336	3	494377.025	9178756.759	654.065
13209580	Pass	0.256	0.241	0.722	2	494021.221	9178350.807	642.402
13209647	Pass	0.227	0.214	0.679	2	494069.830	9178399.728	661.474
13209740	Pass	0.257	0.173	0.655	2	493971.089	9178548.214	673.712
13209900	Pass	0.225	0.143	0.627	2	494037.600	9178644.901	675.756
13211329	Pass	0.135	0.198	0.694	2	494353.327	9178393.686	592.338
13211354	Pass	0.125	0.139	0.624	2	494355.964	9178567.632	634.013
13211818	Pass	0.096	0.097	0.329	3	494350.411	9178845.434	658.476
13213027	Pass	0.100	0.148	0.641	2	494645.643	9178483.371	599.481
13214484	Pass	0.154	0.191	0.700	2	494875.122	9178353.050	569.601
13214672	Pass	0.168	0.127	0.658	2	494956.214	9178528.816	571.716
13214854	Pass	0.127	0.097	0.621	2	494830.893	9178658.707	594.660
13217223	Pass	0.101	0.075	0.261	3	494429.560	9169814.076	514.698

13217383	Pass	0.101	0.076	0.260	3	494426.544	9169763.111	514.981
13217546	Pass	0.160	0.086	0.469	2	494400.512	9169561.320	522.063
13217807	Pass	0.174	0.092	0.472	2	494454.403	9169449.818	524.331
13217858	Pass	0.181	0.105	0.478	2	494479.942	9169350.603	524.584
13218357	Pass	0.144	0.092	0.471	2	494322.864	9169457.101	515.861
13218607	Pass	0.084	0.077	0.255	3	494198.262	9169849.306	522.649
13218800	Pass	0.083	0.078	0.257	3	494114.505	9169738.951	520.890
13218879	Pass	0.106	0.089	0.474	2	494117.388	9169540.758	507.311
13218994	Pass	0.081	0.079	0.258	3	494044.012	9169808.783	524.575
13219379	Pass	0.101	0.090	0.475	2	494076.077	9169530.592	507.762
13219468	Pass	0.105	0.100	0.480	2	494088.980	9169411.756	501.255
13219842	Pass	0.093	0.093	0.484	2	493885.397	9169568.801	509.793
13220054	Pass	0.087	0.084	0.276	3	493813.896	9169906.585	522.265
13220449	Pass	0.120	0.100	0.505	2	493673.373	9169571.544	501.504
13220737	Pass	0.108	0.089	0.304	3	493602.100	9169856.311	499.978
13220897	Pass	0.108	0.089	0.305	3	493604.581	9169790.331	495.670
13221219	Pass	0.147	0.104	0.524	2	493553.723	9169565.547	490.389
13221489	Pass	0.137	0.118	0.522	2	493604.109	9169390.773	490.661
13221542	Pass	0.128	0.093	0.325	3	493462.326	9169854.766	491.128
13221926	Pass	0.168	0.107	0.536	2	493476.161	9169592.749	486.649
13223068	Pass	0.101	0.071	0.267	3	494518.408	9170248.616	512.144
13223092	Pass	0.097	0.071	0.263	3	494481.700	9170218.343	514.938
13223202	Pass	0.099	0.070	0.262	3	494498.609	9170150.742	512.700
13223543	Pass	0.110	0.076	0.262	3	494507.185	9169737.924	519.830
13223715	Pass	0.087	0.071	0.254	3	494351.019	9170111.103	522.417
13224036	Pass	0.080	0.072	0.255	3	494252.919	9170229.647	524.807
13224405	Pass	0.076	0.073	0.251	3	494108.640	9170187.639	538.271
13224452	Pass	0.088	0.103	0.455	2	494094.168	9170170.612	541.279
13224805	Pass	0.080	0.080	0.258	3	494004.204	9169878.769	533.720
13224997	Pass	0.077	0.077	0.260	3	493958.534	9170228.891	531.994
13225095	Pass	0.082	0.077	0.269	3	493877.239	9170134.613	516.458
13225776	Pass	0.090	0.080	0.279	3	493764.835	9170174.194	509.179
13226335	Pass	0.102	0.085	0.292	3	493641.666	9170272.214	502.931
13226814	Pass	0.096	0.087	0.290	3	493699.973	9169900.745	512.771
13227624	Pass	0.135	0.095	0.313	3	493413.407	9170336.046	512.276
13228105	Pass	0.099	0.068	0.262	3	494555.864	9170553.475	519.789
13228390	Pass	0.088	0.070	0.258	3	494437.798	9170626.910	528.260
13228834	Pass	0.083	0.070	0.257	3	494374.375	9170610.087	527.054
13229185	Pass	0.075	0.073	0.257	3	494217.283	9170615.468	528.326
13229414	Pass	0.075	0.071	0.258	3	494229.609	9170563.453	522.046
13229796	Pass	0.074	0.077	0.269	3	494042.937	9170643.703	512.765
13230430	Pass	0.084	0.083	0.275	3	493854.736	9170673.250	523.032
13231158	Pass	0.101	0.085	0.277	3	493690.435	9170644.290	549.853
13231244	Pass	0.090	0.080	0.273	3	493785.538	9170546.228	533.932
13231564	Pass	0.093	0.085	0.286	3	493730.789	9170309.473	505.821
13232359	Pass	0.136	0.096	0.307	3	493453.050	9170709.302	532.688
13232977	Pass	0.108	0.068	0.263	3	494663.677	9171014.893	504.778
13233074	Pass	0.104	0.067	0.257	3	494634.275	9170881.778	514.503
13233321	Pass	0.103	0.068	0.264	3	494592.860	9170498.157	515.596
13233401	Pass	0.091	0.071	0.258	3	494503.372	9171041.944	506.043
13233551	Pass	0.095	0.067	0.254	3	494556.525	9170936.379	516.244

13234879	Pass	0.075	0.071	0.257	3	494266.429	9170903.039	504.156
13235447	Pass	0.073	0.076	0.266	3	494138.337	9170998.229	489.923
13235633	Pass	0.074	0.076	0.262	3	494062.260	9170905.458	506.899
13236217	Pass	0.081	0.084	0.276	3	493926.216	9171069.351	491.650
13237136	Pass	0.090	0.084	0.279	3	493817.698	9170990.951	497.324
13237459	Pass	0.088	0.085	0.280	3	493816.971	9170692.979	520.074
13237706	Pass	0.118	0.095	0.292	3	493599.460	9171096.990	522.337
13237867	Pass	0.115	0.090	0.290	3	493611.824	9170995.912	513.679
13239375	Pass	0.118	0.068	0.280	3	494704.016	9171387.450	482.383
13239974	Pass	0.098	0.073	0.278	3	494539.289	9171450.482	478.516
13240048	Pass	0.091	0.069	0.268	3	494484.602	9171282.488	490.421
13241672	Pass	0.073	0.074	0.268	3	494204.189	9171240.431	489.443
13242167	Pass	0.074	0.081	0.274	3	494083.355	9171416.897	483.930
13243625	Pass	0.092	0.088	0.282	3	493819.505	9171414.485	493.732
13243784	Pass	0.093	0.085	0.282	3	493812.699	9171291.014	490.174
13244096	Pass	0.093	0.088	0.281	3	493788.212	9171081.527	504.081
13244379	Pass	0.114	0.095	0.292	3	493652.009	9171436.388	503.034
13246002	Pass	0.125	0.072	0.299	3	494718.566	9171811.225	478.777
13246162	Pass	0.124	0.066	0.296	3	494713.714	9171672.369	468.883
13246258	Pass	0.121	0.067	0.294	3	494698.559	9171587.563	469.305
13246424	Pass	0.108	0.071	0.293	3	494595.826	9171779.584	479.213
13246909	Pass	0.090	0.072	0.274	3	494463.229	9171414.343	480.508
13248108	Pass	0.077	0.075	0.290	3	494281.356	9171746.958	488.176
13248236	Pass	0.073	0.076	0.284	3	494181.725	9171653.467	506.609
13248414	Pass	0.075	0.079	0.275	3	494240.743	9171456.131	478.097
13248724	Pass	0.073	0.081	0.287	3	494163.333	9171797.462	516.627
13250221	Pass	0.102	0.093	0.306	3	493783.983	9171820.548	544.001
13250543	Pass	0.093	0.085	0.299	3	493849.855	9171633.039	527.018
13250707	Pass	0.097	0.094	0.285	3	493782.305	9171498.720	506.328
13251051	Pass	0.131	0.100	0.325	3	493617.249	9171840.989	544.661
13251209	Pass	0.120	0.093	0.314	3	493670.808	9171741.562	542.510
13252838	Pass	0.129	0.072	0.306	3	494768.474	9172154.432	471.312
13253001	Pass	0.121	0.066	0.295	3	494726.012	9172004.591	479.361
13253159	Pass	0.117	0.067	0.291	3	494699.000	9171923.551	486.793
13253346	Pass	0.105	0.071	0.297	3	494604.831	9172124.310	480.266
13254139	Pass	0.078	0.072	0.290	3	494339.104	9172005.360	494.314
13254736	Pass	0.076	0.081	0.305	3	494274.016	9172195.214	483.804
13255220	Pass	0.077	0.082	0.293	3	494278.875	9171857.194	497.109
13255530	Pass	0.076	0.086	0.308	3	494095.023	9172195.201	499.112
13255668	Pass	0.074	0.078	0.300	3	494165.792	9172088.470	492.770
13257079	Pass	0.092	0.093	0.319	3	493906.343	9172218.807	515.244
13257235	Pass	0.103	0.089	0.320	3	493815.746	9172083.222	512.098
13257395	Pass	0.100	0.086	0.320	3	493829.397	9172005.662	504.717
13257894	Pass	0.125	0.102	0.332	3	493684.594	9172229.959	544.796
13259522	Pass	0.116	0.071	0.311	3	494709.400	9172475.090	469.041
13260242	Pass	0.103	0.075	0.314	3	494616.872	9172526.799	466.926
13261867	Pass	0.078	0.074	0.306	3	494357.453	9172455.756	479.791
13261956	Pass	0.078	0.073	0.306	3	494368.338	9172434.198	476.790
13262087	Pass	0.078	0.071	0.301	3	494356.772	9172287.050	480.764
13262595	Pass	0.074	0.079	0.317	3	494191.445	9172475.603	473.660
13263386	Pass	0.090	0.090	0.334	3	493957.373	9172558.644	485.783

13264203	Pass	0.131	0.156	0.596	2	493867.547	9172526.575	485.702
13264528	Pass	0.096	0.083	0.318	3	493897.375	9172331.701	517.450
13265011	Pass	0.120	0.095	0.350	3	493758.908	9172546.020	490.803
13266697	Pass	0.111	0.069	0.299	3	494724.769	9172798.786	489.402
13266823	Pass	0.128	0.065	0.309	3	494838.469	9172646.451	466.567
13267245	Pass	0.117	0.067	0.307	3	494724.720	9172397.285	468.591
13267324	Pass	0.114	0.066	0.304	3	494707.561	9172290.061	468.763
13267443	Pass	0.093	0.069	0.297	3	494586.495	9172767.976	489.372
13269036	Pass	0.074	0.075	0.305	3	494350.726	9172831.358	486.800
13269153	Pass	0.072	0.073	0.304	3	494267.951	9172757.980	493.210
13269318	Pass	0.074	0.070	0.303	3	494342.572	9172640.985	487.157
13271373	Pass	0.102	0.086	0.325	3	493884.416	9172817.246	524.647
13271701	Pass	0.108	0.083	0.340	3	493849.995	9172648.971	495.517
13271944	Pass	0.096	0.084	0.323	3	493895.166	9172388.575	506.932
13272187	Pass	0.115	0.090	0.334	3	493803.579	9172841.573	525.714
13272347	Pass	0.132	0.089	0.347	3	493708.328	9172762.400	517.814
13274003	Pass	0.126	0.064	0.309	3	494857.115	9173029.787	465.931
13274163	Pass	0.121	0.065	0.304	3	494830.590	9172940.575	474.609
13274323	Pass	0.113	0.069	0.299	3	494738.053	9172805.491	490.731
13274659	Pass	0.108	0.067	0.306	3	494738.467	9173113.833	469.502
13274817	Pass	0.103	0.066	0.299	3	494702.238	9173084.392	482.218
13276166	Pass	0.078	0.070	0.302	3	494420.261	9172729.822	481.808
13276276	Pass	0.076	0.074	0.297	3	494441.355	9173182.367	498.959
13276436	Pass	0.075	0.069	0.299	3	494424.727	9173059.240	487.837
13276596	Pass	0.075	0.068	0.294	3	494421.407	9172983.248	498.063
13277092	Pass	0.071	0.079	0.297	3	494202.191	9173195.179	529.161
13278675	Pass	0.087	0.081	0.293	3	493996.319	9173122.106	579.878
13278834	Pass	0.088	0.079	0.298	3	493991.464	9173018.652	565.364
13279487	Pass	0.123	0.094	0.316	3	493762.076	9173201.138	596.028
13279611	Pass	0.108	0.085	0.308	3	493850.873	9173091.935	578.863
13281359	Pass	0.110	0.070	0.300	3	494782.521	9173528.785	479.951
13281482	Pass	0.096	0.064	0.295	3	494685.300	9173401.395	475.067
13281644	Pass	0.093	0.066	0.297	3	494650.741	9173243.766	474.906
13283129	Pass	0.069	0.070	0.285	3	494364.200	9173428.186	511.535
13283261	Pass	0.069	0.069	0.276	3	494343.325	9173334.526	539.395
13283968	Pass	0.069	0.071	0.286	3	494268.094	9173411.415	519.471
13284063	Pass	0.068	0.070	0.281	3	494284.610	9173343.505	532.481
13285320	Pass	0.099	0.088	0.299	3	493919.007	9173550.700	584.043
13285478	Pass	0.091	0.081	0.296	3	493973.223	9173452.682	560.157
13287865	Pass	0.113	0.067	0.281	3	494844.314	9173834.397	510.109
13288027	Pass	0.122	0.062	0.283	3	494913.800	9173699.197	507.048
13288190	Pass	0.209	0.079	0.544	2	494879.526	9173620.401	496.686
13288350	Pass	0.114	0.065	0.298	3	494818.269	9173438.543	478.147
13288974	Pass	0.101	0.070	0.284	3	494751.338	9173874.493	496.896
13290587	Pass	0.074	0.066	0.283	3	494477.056	9173728.607	483.980
13291197	Pass	0.069	0.076	0.287	3	494326.387	9173878.113	496.524
13291357	Pass	0.069	0.071	0.286	3	494333.188	9173791.617	491.734
13291515	Pass	0.068	0.069	0.280	3	494296.217	9173632.001	509.640
13292850	Pass	0.100	0.087	0.303	3	493934.987	9173879.575	537.598
13293011	Pass	0.098	0.080	0.291	3	493937.963	9173737.121	569.976
13293571	Pass	0.099	0.081	0.301	3	493912.500	9173371.413	557.517

13293682	Pass	0.113	0.093	0.320	3	493864.345	9173929.136	515.312
13293845	Pass	0.110	0.084	0.304	3	493869.089	9173795.069	548.565
13294163	Pass	0.114	0.089	0.306	3	493822.606	9173506.148	583.534
13295372	Pass	0.125	0.067	0.292	3	494938.126	9174160.485	508.538
13295531	Pass	0.123	0.063	0.290	3	494927.246	9174078.935	502.143
13295549	Pass	0.106	0.062	0.281	3	494817.927	9174007.166	510.677
13296196	Pass	0.090	0.070	0.272	3	494680.847	9174199.185	540.616
13297860	Pass	0.069	0.070	0.262	3	494405.966	9174108.567	566.049
13298479	Pass	0.069	0.074	0.264	3	494340.382	9174162.100	572.967
13298796	Pass	0.071	0.071	0.293	3	494247.090	9173977.651	498.242
13299253	Pass	0.078	0.080	0.292	3	494148.359	9174182.545	525.397
13300116	Pass	0.089	0.083	0.305	3	494051.081	9174185.586	511.436
13300328	Pass	0.090	0.078	0.306	3	494033.281	9174050.405	503.863
13300823	Pass	0.112	0.090	0.313	3	493886.092	9174201.758	535.259
13301141	Pass	0.113	0.082	0.317	3	493875.109	9173992.302	520.124
13302556	Pass	0.109	0.068	0.266	3	494852.152	9174486.898	579.327
13302723	Pass	0.109	0.064	0.270	3	494859.376	9174378.783	558.895
13302879	Pass	0.108	0.065	0.281	3	494844.566	9174269.211	532.148
13303342	Pass	0.103	0.071	0.268	3	494795.277	9174529.692	572.825
13305006	Pass	0.073	0.076	0.276	3	494408.624	9174526.255	555.796
13305210	Pass	0.074	0.070	0.267	3	494474.308	9174430.705	564.761
13305242	Pass	0.071	0.070	0.265	3	494405.572	9174306.325	574.396
13305621	Pass	0.072	0.074	0.274	3	494360.425	9174470.420	559.339
13307147	Pass	0.100	0.090	0.300	3	494013.055	9174571.443	565.012
13307308	Pass	0.090	0.081	0.298	3	494086.224	9174466.914	541.559
13307468	Pass	0.091	0.079	0.307	3	494065.588	9174339.025	519.552
13307847	Pass	0.115	0.095	0.306	3	493914.236	9174582.153	579.386
13309638	Pass	0.124	0.070	0.305	3	494934.397	9174837.087	505.063
13309799	Pass	0.129	0.067	0.303	3	494978.557	9174774.000	508.611
13310223	Pass	0.110	0.071	0.302	3	494840.154	9174849.496	506.457
13310406	Pass	0.097	0.066	0.278	3	494756.752	9174686.464	547.146
13311776	Pass	0.079	0.082	0.305	3	494444.612	9174916.960	515.283
13311934	Pass	0.078	0.073	0.291	3	494487.315	9174772.989	525.384
13312075	Pass	0.079	0.070	0.280	3	494543.778	9174689.588	544.918
13312494	Pass	0.079	0.083	0.291	3	494299.129	9174866.618	558.560
13314053	Pass	0.104	0.095	0.303	3	494039.125	9174922.312	594.916
13314210	Pass	0.096	0.084	0.298	3	494088.512	9174773.655	572.552
13314376	Pass	0.106	0.085	0.302	3	494006.261	9174690.103	585.689
13314857	Pass	0.111	0.094	0.306	3	493991.798	9174879.338	593.154
13316596	Pass	0.130	0.072	0.323	3	494982.733	9175159.936	474.344
13316648	Pass	0.125	0.068	0.316	3	494964.035	9175037.840	481.141
13316808	Pass	0.125	0.068	0.306	3	494977.521	9174955.371	506.752
13317177	Pass	0.105	0.074	0.304	3	494810.824	9175186.831	507.319
13318839	Pass	0.084	0.076	0.311	3	494559.736	9175145.684	491.508
13318997	Pass	0.079	0.075	0.299	3	494452.279	9175012.292	521.662
13319533	Pass	0.082	0.086	0.316	3	494447.217	9175263.101	507.805
13319663	Pass	0.081	0.079	0.302	3	494363.587	9175119.300	529.507
13321019	Pass	0.112	0.093	0.308	3	494023.960	9175176.224	596.604
13321338	Pass	0.095	0.085	0.296	3	494140.600	9175047.130	584.431
13321819	Pass	0.122	0.100	0.322	3	493982.216	9175262.407	591.848
13323633	Pass	0.120	0.077	0.292	3	494961.449	9175557.091	557.524

13323637	Pass	0.114	0.073	0.294	3	494914.017	9175479.697	540.137
13324519	Pass	0.095	0.072	0.278	3	494754.884	9175398.074	565.721
13324722	Pass	0.102	0.072	0.302	3	494814.167	9175299.495	519.377
13326058	Pass	0.084	0.075	0.289	3	494588.038	9175382.139	538.126
13326762	Pass	0.082	0.083	0.279	3	494457.415	9175512.157	575.235
13326981	Pass	0.084	0.080	0.309	3	494367.346	9175336.009	511.562
13328190	Pass	0.103	0.093	0.315	3	494162.147	9175521.157	529.983
13328492	Pass	0.118	0.092	0.315	3	494029.579	9175402.357	557.956
13328652	Pass	0.108	0.097	0.319	3	494070.327	9175260.648	573.469
13328985	Pass	0.124	0.102	0.321	3	494004.693	9175574.762	558.541
13329145	Pass	0.141	0.099	0.319	3	493894.723	9175436.661	592.906
13330843	Pass	0.124	0.082	0.300	3	494988.939	9175882.941	559.850
13330959	Pass	0.118	0.074	0.283	3	494969.149	9175769.310	588.865
13331418	Pass	0.105	0.076	0.274	3	494862.114	9175792.127	603.911
13331735	Pass	0.101	0.075	0.285	3	494824.336	9175619.300	577.544
13332962	Pass	0.087	0.083	0.282	3	494612.567	9175828.262	587.251
13333275	Pass	0.083	0.080	0.291	3	494530.023	9175657.181	569.917
13333545	Pass	0.085	0.076	0.287	3	494603.414	9175422.634	541.336
13333858	Pass	0.088	0.093	0.303	3	494402.732	9175869.916	566.932
13335360	Pass	0.108	0.106	0.319	3	494171.764	9175923.575	590.184
13335515	Pass	0.105	0.097	0.321	3	494185.167	9175807.968	566.281
13335679	Pass	0.110	0.094	0.338	3	494149.877	9175684.083	533.398
13336172	Pass	0.139	0.113	0.351	3	493976.422	9175889.438	563.918
13337927	Pass	0.219	0.136	0.541	2	495034.071	9176185.430	611.658
13337928	Pass	0.213	0.127	0.536	2	495017.537	9176153.107	612.571
13338694	Pass	0.164	0.094	0.535	2	494858.309	9175997.403	591.721
13339169	Pass	0.120	0.146	0.511	2	494653.673	9176222.759	652.100
13340207	Pass	0.100	0.108	0.526	2	494547.875	9176045.138	618.506
13340310	Pass	0.086	0.089	0.279	3	494559.514	9175898.671	611.620
13340735	Pass	0.100	0.155	0.520	2	494421.613	9176228.107	657.867
13340950	Pass	0.095	0.113	0.532	2	494446.934	9176052.941	616.802
13341613	Pass	0.114	0.129	0.547	2	494264.787	9176095.349	618.191
13342245	Pass	0.125	0.153	0.541	2	494221.030	9176185.923	650.955
13342565	Pass	0.134	0.125	0.557	2	494175.781	9176052.417	614.148
13343045	Pass	0.198	0.171	0.576	2	493967.719	9176196.760	648.294
13343365	Pass	0.191	0.134	0.584	2	493985.574	9176050.736	606.325
13344654	Pass	0.156	0.345	0.784	2	437948.446	9217391.277	435.180
13344826	Pass	0.129	0.290	0.737	2	438142.847	9217270.468	450.357
13344986	Pass	0.136	0.299	0.737	2	438259.976	9217290.657	453.461
13345147	Pass	0.112	0.193	0.426	3	438345.670	9217232.040	460.211
13345306	Pass	0.109	0.167	0.425	3	438494.650	9217086.749	414.836
13345467	Pass	0.114	0.166	0.430	3	438599.467	9217062.330	409.515
13347070	Pass	0.108	0.146	0.699	2	438080.085	9216844.013	431.005
13347567	Pass	0.091	0.100	0.364	3	438428.817	9216682.140	456.744
13347575	Pass	0.176	0.184	0.743	2	437744.070	9216953.695	415.802
13347746	Pass	0.124	0.134	0.696	2	437919.825	9216790.951	437.128
13348067	Pass	0.095	0.101	0.382	3	438137.934	9216687.618	418.603
13348226	Pass	0.089	0.095	0.369	3	438248.424	9216637.117	431.815
13350473	Pass	0.224	0.114	0.718	2	437523.366	9216446.917	441.370
13350541	Pass	0.227	0.115	0.722	2	437515.836	9216442.119	438.648
13350968	Pass	0.092	0.089	0.350	3	437985.475	9216289.724	463.958

13351162	Pass	0.092	0.089	0.349	3	437988.130	9216278.228	462.886
13351315	Pass	0.080	0.090	0.361	3	438175.876	9216221.403	417.222
13353693	Pass	0.100	0.166	0.378	3	438741.818	9217037.200	414.973
13353859	Pass	0.100	0.153	0.363	3	438825.416	9216968.791	434.582
13354013	Pass	0.106	0.150	0.358	3	438943.374	9216945.149	451.332
13355482	Pass	0.084	0.096	0.323	3	438663.764	9216573.031	467.308
13356166	Pass	0.086	0.088	0.334	3	438483.803	9216475.380	437.363
13356314	Pass	0.084	0.095	0.322	3	438675.902	9216566.324	468.590
13358718	Pass	0.090	0.084	0.327	3	438314.784	9216090.118	454.315
13358873	Pass	0.089	0.085	0.326	3	438318.986	9216075.864	455.786
13358917	Pass	0.079	0.084	0.330	3	438484.028	9216081.995	426.738
13361116	Pass	0.099	0.147	0.366	3	439208.178	9216771.296	444.806
13361287	Pass	0.104	0.149	0.358	3	439291.779	9216779.576	472.731
13361805	Pass	0.089	0.125	0.352	3	439035.593	9216642.252	448.627
13362844	Pass	0.084	0.099	0.344	3	438975.590	9216435.450	431.309
13363060	Pass	0.086	0.092	0.335	3	439170.011	9216344.707	443.798
13363436	Pass	0.084	0.097	0.345	3	438920.242	9216414.204	428.083
13365907	Pass	0.087	0.079	0.319	3	438728.567	9215962.617	460.504
13366085	Pass	0.086	0.086	0.316	3	438739.609	9215836.521	464.841
13366231	Pass	0.076	0.086	0.320	3	438932.661	9215839.616	445.946
13368420	Pass	0.095	0.146	0.366	3	439477.780	9216585.700	450.370
13368563	Pass	0.100	0.155	0.373	3	439544.488	9216634.576	443.887
13368717	Pass	0.108	0.153	0.362	3	439673.969	9216614.988	473.149
13370236	Pass	0.085	0.097	0.339	3	439429.346	9216226.208	436.140
13370390	Pass	0.087	0.095	0.339	3	439520.309	9216184.426	432.113
13370911	Pass	0.084	0.093	0.325	3	439305.754	9216195.112	466.764
13373465	Pass	0.087	0.079	0.305	3	439122.360	9215776.617	481.965
13373605	Pass	0.089	0.084	0.302	3	439092.891	9215672.612	488.286
13373722	Pass	0.078	0.086	0.309	3	439290.380	9215650.576	458.096
13375976	Pass	0.102	0.164	0.355	3	439923.539	9216498.900	487.947
13376059	Pass	0.106	0.164	0.354	3	439983.552	9216489.904	489.388
13376224	Pass	0.115	0.153	0.357	3	440136.524	9216403.180	476.014
13378457	Pass	0.086	0.088	0.316	3	439670.700	9215934.442	455.529
13378579	Pass	0.087	0.098	0.322	3	439806.827	9216039.411	456.897
13378739	Pass	0.089	0.094	0.324	3	439946.115	9215963.643	453.124
13381082	Pass	0.091	0.083	0.307	3	439492.100	9215537.997	449.264
13381195	Pass	0.086	0.081	0.307	3	439569.362	9215579.593	448.282
13381256	Pass	0.082	0.089	0.301	3	439623.399	9215437.090	465.698
13383436	Pass	0.102	0.160	0.362	3	440301.616	9216271.800	486.793
13383480	Pass	0.100	0.152	0.361	3	440274.921	9216223.494	476.468
13383755	Pass	0.114	0.261	0.610	2	440509.938	9216236.635	485.936
13385236	Pass	0.090	0.104	0.336	3	440115.933	9215901.397	465.187
13385366	Pass	0.089	0.103	0.331	3	440139.971	9215887.031	474.011
13385419	Pass	0.089	0.098	0.329	3	440274.022	9215824.077	476.844
13386276	Pass	0.105	0.105	0.575	2	440247.593	9215654.211	479.217
13386825	Pass	0.147	0.107	0.587	2	440024.557	9215668.065	478.187
13386951	Pass	0.130	0.104	0.580	2	440100.717	9215649.660	478.769
13388522	Pass	0.096	0.088	0.323	3	439833.220	9215287.438	449.227
13388601	Pass	0.093	0.087	0.320	3	439872.604	9215298.928	453.430
13388919	Pass	0.080	0.091	0.314	3	440089.248	9215243.624	467.738
13390940	Pass	0.101	0.160	0.383	3	440676.775	9216068.797	473.357

13391089	Pass	0.101	0.157	0.384	3	440698.464	9216043.549	464.731
13391251	Pass	0.117	0.161	0.388	3	440933.577	9216041.847	478.016
13392878	Pass	0.089	0.103	0.348	3	440556.104	9215692.293	469.288
13392995	Pass	0.089	0.098	0.341	3	440687.773	9215626.540	481.751
13393512	Pass	0.089	0.101	0.346	3	440498.891	9215680.266	472.325
13396071	Pass	0.091	0.082	0.315	3	440283.205	9215198.427	493.696
13396234	Pass	0.091	0.083	0.317	3	440290.306	9215172.812	486.750
13396500	Pass	0.084	0.090	0.317	3	440384.192	9215056.948	480.967
13398750	Pass	0.105	0.168	0.379	3	441161.689	9215934.527	499.566
13398918	Pass	0.106	0.150	0.365	3	441231.547	9215828.232	513.915
13399595	Pass	0.096	0.138	0.352	3	441071.068	9215772.096	521.155
13400193	Pass	0.100	0.135	0.586	2	440707.537	9215615.056	475.479
13400866	Pass	0.119	0.116	0.592	2	440557.512	9215527.109	467.904
13401144	Pass	0.087	0.093	0.343	3	440858.252	9215427.137	469.727
13401275	Pass	0.086	0.095	0.340	3	440940.577	9215443.803	478.009
13401435	Pass	0.086	0.090	0.337	3	441097.438	9215369.120	481.938
13403717	Pass	0.093	0.085	0.313	3	440638.072	9214929.663	494.091
13403894	Pass	0.086	0.085	0.310	3	440720.898	9214929.307	496.419
13403978	Pass	0.078	0.088	0.315	3	440871.850	9214883.557	482.958
13406308	Pass	0.098	0.151	0.361	3	441507.066	9215687.870	515.262
13406369	Pass	0.095	0.139	0.353	3	441480.216	9215618.610	517.311
13406468	Pass	0.114	0.163	0.380	2	441675.027	9215702.941	484.901
13408043	Pass	0.085	0.098	0.326	3	441320.190	9215327.994	515.818
13408245	Pass	0.084	0.094	0.330	3	441440.871	9215275.645	498.102
13409645	Pass	0.080	0.079	0.317	3	441305.377	9215079.453	497.927
13411265	Pass	0.089	0.080	0.314	3	441068.548	9214835.808	490.323
13411358	Pass	0.085	0.081	0.315	3	441115.739	9214800.244	481.836
13411469	Pass	0.077	0.093	0.315	3	441231.563	9214642.722	478.217
13413767	Pass	0.099	0.155	0.363	3	441955.336	9215535.550	502.035
13413885	Pass	0.102	0.156	0.367	3	441998.065	9215535.698	495.916
13414478	Pass	0.088	0.122	0.351	3	441774.865	9215345.068	476.909
13415466	Pass	0.083	0.094	0.337	3	441793.846	9215123.687	464.886
13415641	Pass	0.083	0.092	0.339	3	441865.671	9215090.739	459.115
13416225	Pass	0.083	0.084	0.325	3	441637.006	9215030.034	479.800
13418752	Pass	0.090	0.083	0.315	3	441434.699	9214580.185	468.264
13418849	Pass	0.085	0.080	0.318	3	441507.461	9214632.862	456.946
13419033	Pass	0.077	0.085	0.318	3	441611.321	9214542.527	452.799
13421115	Pass	0.128	0.208	0.602	2	442260.371	9215367.201	471.348
13421236	Pass	0.093	0.147	0.362	3	442261.022	9215335.998	465.641
13421396	Pass	0.100	0.151	0.370	3	442400.281	9215346.375	456.258
13422983	Pass	0.082	0.095	0.335	3	442135.243	9214987.377	450.067
13423555	Pass	0.082	0.088	0.332	3	442056.776	9214920.663	447.161
13426073	Pass	0.087	0.076	0.315	3	441849.647	9214498.582	450.348
13426170	Pass	0.077	0.079	0.312	3	441983.793	9214446.402	448.396
13426334	Pass	0.072	0.080	0.312	3	442103.606	9214423.555	450.256
13428279	Pass	0.096	0.169	0.383	3	442696.203	9215278.238	459.321
13428439	Pass	0.094	0.158	0.372	3	442684.081	9215221.506	469.876
13428601	Pass	0.100	0.142	0.366	3	442843.151	9215117.706	468.515
13429997	Pass	0.080	0.091	0.331	3	442607.946	9214780.002	469.665
13430165	Pass	0.082	0.088	0.335	3	442705.925	9214734.999	458.533
13430563	Pass	0.081	0.086	0.336	3	442429.045	9214735.287	446.632

13430903	Pass	0.106	0.103	0.598	2	442569.504	9214613.612	445.361
13432799	Pass	0.084	0.074	0.317	3	442271.776	9214349.501	452.744
13432961	Pass	0.080	0.084	0.312	3	442307.089	9214185.522	456.674
13433130	Pass	0.072	0.089	0.315	3	442442.197	9214119.355	451.302
13435199	Pass	0.094	0.162	0.383	3	443080.932	9215065.893	455.621
13435350	Pass	0.095	0.155	0.375	3	443134.116	9215023.959	464.575
13435372	Pass	0.099	0.153	0.375	3	443190.709	9215010.480	466.092
13437646	Pass	0.079	0.083	0.339	3	442831.234	9214531.544	441.837
13437803	Pass	0.078	0.087	0.338	3	442923.292	9214566.783	448.898
13437964	Pass	0.080	0.084	0.341	3	443092.245	9214509.385	441.570
13439896	Pass	0.085	0.073	0.322	3	442652.819	9214172.476	451.326
13440054	Pass	0.082	0.075	0.317	3	442686.166	9214126.778	456.263
13442228	Pass	0.090	0.150	0.378	3	443425.522	9214830.263	442.611
13442388	Pass	0.094	0.139	0.371	3	443552.252	9214757.368	442.584
13442885	Pass	0.083	0.118	0.359	3	443357.709	9214639.012	441.876
13443475	Pass	0.080	0.094	0.346	3	443259.298	9214469.454	441.472
13443658	Pass	0.078	0.089	0.341	3	443391.485	9214410.839	441.388
13443705	Pass	0.079	0.087	0.340	3	443451.641	9214381.379	441.590
13444414	Pass	0.093	0.094	0.593	2	443424.823	9214205.281	441.011
13446193	Pass	0.088	0.079	0.323	3	442997.948	9213876.677	443.183
13446505	Pass	0.078	0.074	0.320	3	443128.170	9213936.498	442.384
13446562	Pass	0.070	0.081	0.320	3	443266.511	9213837.909	442.797
13448180	Pass	0.099	0.141	0.364	3	444066.343	9214579.254	443.111
13448241	Pass	0.081	0.108	0.342	3	443861.542	9214383.151	441.746
13448360	Pass	0.102	0.139	0.607	2	443390.068	9214406.647	441.087
13448388	Pass	0.079	0.103	0.341	3	443699.090	9214364.366	441.681
13448422	Pass	0.078	0.093	0.336	3	443649.255	9214286.058	441.334
13448440	Pass	0.077	0.091	0.333	3	443688.642	9214266.874	441.419
13448561	Pass	0.076	0.087	0.330	3	443787.733	9214218.887	441.771
13448698	Pass	0.137	0.117	0.613	2	443205.199	9214319.096	441.244
13450882	Pass	0.085	0.072	0.315	3	443418.386	9213782.559	443.749
13451055	Pass	0.080	0.080	0.310	3	443460.649	9213644.176	445.696
13451204	Pass	0.069	0.076	0.306	3	443664.935	9213690.796	454.759
13452879	Pass	0.082	0.141	0.356	3	444191.377	9214423.799	445.567
13452909	Pass	0.087	0.152	0.356	3	444292.338	9214481.204	463.210
13453083	Pass	0.087	0.131	0.349	3	444332.600	9214358.732	453.249
13454153	Pass	0.074	0.088	0.322	3	444120.573	9214063.234	464.396
13454512	Pass	0.075	0.083	0.322	3	444016.921	9214017.700	458.943
13456560	Pass	0.086	0.079	0.309	3	443781.275	9213480.898	461.607
13456730	Pass	0.082	0.079	0.307	3	443817.974	9213473.295	464.920
13456861	Pass	0.070	0.082	0.302	3	443990.488	9213436.286	471.192
13458865	Pass	0.087	0.156	0.356	3	444644.654	9214359.569	461.318
13459017	Pass	0.087	0.140	0.354	3	444683.622	9214257.253	442.366
13459177	Pass	0.091	0.130	0.352	3	444763.669	9214190.202	442.449
13460613	Pass	0.074	0.087	0.327	3	444519.008	9213882.466	444.968
13461228	Pass	0.075	0.083	0.325	3	444417.034	9213850.912	450.106
13463659	Pass	0.081	0.072	0.313	3	444231.041	9213418.689	458.118
13463826	Pass	0.082	0.078	0.314	3	444218.071	9213326.631	454.865
13465880	Pass	0.085	0.148	0.372	3	445009.429	9214121.655	442.349
13466037	Pass	0.086	0.147	0.372	3	445023.737	9214114.940	442.057
13466091	Pass	0.094	0.129	0.367	3	445204.734	9213990.243	442.749

13467012	Pass	0.076	0.091	0.340	3	444833.972	9213749.396	451.714
13467863	Pass	0.074	0.077	0.334	3	444817.851	9213587.308	440.829
13470082	Pass	0.086	0.079	0.322	3	444577.231	9213147.565	453.265
13470237	Pass	0.081	0.077	0.324	3	444638.381	9213179.181	441.571
13472306	Pass	0.087	0.160	0.388	3	445421.739	9214011.586	442.917
13472459	Pass	0.092	0.151	0.376	3	445534.417	9213959.612	463.593
13472610	Pass	0.098	0.233	0.604	2	445651.248	9213880.301	479.349
13474000	Pass	0.076	0.091	0.341	3	445252.644	9213572.806	465.466
13474486	Pass	0.076	0.081	0.331	3	445206.133	9213479.099	474.673
13476969	Pass	0.085	0.078	0.326	3	444984.077	9213003.418	458.086
13477082	Pass	0.080	0.078	0.329	3	445046.230	9213007.276	443.893
13479363	Pass	0.082	0.139	0.362	3	445797.989	9213739.844	461.470
13479520	Pass	0.084	0.137	0.364	3	445870.037	9213726.226	454.340
13479680	Pass	0.088	0.136	0.357	3	445941.670	9213714.055	471.080
13481702	Pass	0.075	0.082	0.320	3	445603.789	9213326.695	495.260
13481857	Pass	0.073	0.080	0.317	3	445676.279	9213300.650	493.385
13486693	Pass	0.083	0.149	0.345	3	446229.055	9213657.703	496.914
13486805	Pass	0.086	0.147	0.346	3	446307.371	9213636.215	488.164
13486965	Pass	0.085	0.126	0.332	3	446339.594	9213512.419	499.127
13488465	Pass	0.073	0.086	0.316	3	446089.614	9213220.090	489.701
13489155	Pass	0.074	0.078	0.319	3	445994.436	9213130.842	473.470
13491912	Pass	0.076	0.071	0.302	3	445878.683	9212751.079	488.845
13494103	Pass	0.080	0.134	0.327	3	446594.885	9213423.189	485.780
13494233	Pass	0.086	0.140	0.329	3	446716.169	9213454.278	485.655
13494395	Pass	0.092	0.125	0.333	3	446833.299	9213338.762	459.869
13495974	Pass	0.072	0.084	0.303	3	446530.463	9213033.467	487.086
13496186	Pass	0.072	0.081	0.300	3	446585.153	9213005.613	492.678
13496511	Pass	0.073	0.085	0.303	3	446434.693	9213055.559	495.452
13501563	Pass	0.082	0.141	0.334	3	447002.197	9213276.005	484.543
13501712	Pass	0.087	0.135	0.332	3	447110.554	9213229.656	483.999
13501844	Pass	0.087	0.133	0.333	3	447121.592	9213212.184	475.386
13503433	Pass	0.073	0.087	0.307	3	446886.556	9212876.082	480.265
13504035	Pass	0.074	0.077	0.304	3	446776.990	9212777.719	476.640
13504355	Pass	0.073	0.075	0.305	3	447017.110	9212697.800	464.257
13508878	Pass	0.083	0.137	0.338	3	447380.413	9213045.993	484.422
13509040	Pass	0.087	0.144	0.344	3	447454.097	9213084.948	479.328
13509199	Pass	0.098	0.132	0.345	3	447615.356	9212991.057	470.290
13511399	Pass	0.076	0.087	0.329	3	447213.590	9212675.315	432.869
13516017	Pass	0.090	0.158	0.375	3	447814.249	9212949.646	439.564
13516172	Pass	0.091	0.157	0.375	3	447822.316	9212945.763	438.813
13516332	Pass	0.094	0.137	0.370	3	447910.219	9212820.240	428.852
13517712	Pass	0.079	0.094	0.336	3	447626.652	9212536.048	457.702
13517802	Pass	0.079	0.091	0.337	3	447733.971	9212493.247	447.856
13518720	Pass	0.124	0.110	0.587	2	447605.502	9212361.096	473.465
13518778	Pass	0.080	0.084	0.329	3	447800.648	9212420.644	463.149
13523117	Pass	0.134	0.228	0.635	2	448199.372	9212781.164	429.644
13523252	Pass	0.090	0.147	0.367	3	448209.112	9212699.931	446.310
13523386	Pass	0.097	0.146	0.371	3	448314.598	9212681.663	434.160
13525516	Pass	0.081	0.094	0.346	3	448008.904	9212339.367	433.180
13530450	Pass	0.087	0.147	0.373	3	448550.974	9212504.192	448.468
13530582	Pass	0.098	0.270	0.638	2	448667.499	9212545.146	460.563

13530745	Pass	0.104	0.269	0.642	2	448797.298	9212539.023	444.457
13532367	Pass	0.078	0.092	0.341	3	448485.322	9212137.499	449.189
13532907	Pass	0.079	0.080	0.331	3	448339.402	9212023.243	463.036
13537687	Pass	0.124	0.208	0.615	2	448958.943	9212350.762	461.565
13537845	Pass	0.087	0.139	0.357	3	449068.392	9212295.165	457.383
13538005	Pass	0.091	0.145	0.357	3	449118.499	9212325.317	465.086
13540203	Pass	0.077	0.082	0.313	3	448741.122	9211893.037	502.799
13540352	Pass	0.076	0.084	0.314	3	448773.886	9211915.303	500.736
13545103	Pass	0.080	0.153	0.348	3	449350.657	9212231.708	463.085
13545234	Pass	0.081	0.148	0.345	3	449401.706	9212201.653	462.120
13545394	Pass	0.085	0.227	0.597	2	449449.606	9212084.313	467.625
13547217	Pass	0.071	0.079	0.301	3	449387.098	9211714.542	488.568
13547632	Pass	0.073	0.077	0.301	3	449119.850	9211700.995	490.307
13547773	Pass	0.069	0.075	0.295	3	449244.970	9211683.195	499.834
13548004	Pass	0.093	0.091	0.557	2	449289.978	9211572.969	495.636
13552560	Pass	0.074	0.137	0.321	3	449752.729	9212017.204	448.789
13552561	Pass	0.073	0.139	0.324	3	449732.887	9212031.575	443.554
13552880	Pass	0.084	0.250	0.601	2	449947.228	9211993.896	443.084
13557585	Pass	0.080	0.067	0.298	3	449333.829	9211169.365	441.666
13557751	Pass	0.169	0.087	0.582	2	449338.427	9211059.962	458.522
13581484	Pass	0.068	0.124	0.332	3	451147.445	9211272.936	587.255
13581643	Pass	0.076	0.130	0.332	3	451265.589	9211304.430	583.394
13581802	Pass	0.079	0.115	0.313	3	451317.865	9211224.945	619.630
13583176	Pass	0.063	0.076	0.279	3	450986.526	9210932.985	692.139
13583368	Pass	0.061	0.073	0.277	3	451039.237	9210906.932	694.319
13584240	Pass	0.061	0.067	0.273	3	451096.886	9210827.057	697.866
13588874	Pass	0.065	0.117	0.309	3	451447.871	9211068.748	681.091
13589032	Pass	0.069	0.121	0.302	3	451552.514	9211088.444	694.169
13590741	Pass	0.061	0.073	0.274	3	451437.678	9210716.538	724.169
13590852	Pass	0.062	0.071	0.270	3	451498.347	9210689.262	729.990
13591374	Pass	0.064	0.066	0.278	3	451286.509	9210637.746	717.052
13596426	Pass	0.063	0.119	0.300	3	451790.253	9210898.434	708.452
13596579	Pass	0.070	0.138	0.326	3	451898.665	9210992.380	657.416
13596733	Pass	0.084	0.133	0.345	3	452049.805	9210940.982	613.323
13598246	Pass	0.062	0.078	0.279	3	451686.903	9210608.717	719.831
13598488	Pass	0.062	0.073	0.275	3	451836.559	9210543.363	729.184
13598897	Pass	0.062	0.079	0.279	3	451667.570	9210614.784	721.302
13601424	Pass	0.078	0.073	0.279	3	451429.467	9210093.592	707.321
13603838	Pass	0.067	0.142	0.322	3	452176.715	9210905.287	642.253
13603993	Pass	0.066	0.111	0.291	3	452199.248	9210733.565	692.923
13604164	Pass	0.069	0.110	0.286	3	452264.498	9210719.078	708.894
13611182	Pass	0.069	0.131	0.300	3	452523.853	9210721.272	699.262
13620403	Pass	0.096	0.101	0.665	2	452785.259	9210177.482	467.552
13621016	Pass	0.072	0.072	0.337	3	452684.323	9210087.463	490.193
13623489	Pass	0.097	0.104	0.619	2	452450.652	9209763.174	536.315
13623649	Pass	0.087	0.116	0.609	2	452543.131	9209709.798	553.196
13623809	Pass	0.088	0.125	0.593	2	452675.221	9209668.040	583.913
13626023	Pass	0.073	0.118	0.325	3	437082.285	9215406.864	440.682
13626204	Pass	0.082	0.122	0.322	3	436924.977	9215383.921	456.428
13626252	Pass	0.108	0.196	0.567	2	436741.327	9215506.095	489.129
13626436	Pass	0.159	0.184	0.597	2	436520.326	9215578.491	455.598

13626485	Pass	0.080	0.106	0.312	3	436953.155	9215523.948	461.479
13626681	Pass	0.112	0.150	0.576	2	436731.528	9215699.990	460.917
13627001	Pass	0.138	0.137	0.578	2	436608.997	9215769.547	467.004
13627096	Pass	0.073	0.101	0.322	3	437208.115	9215563.979	433.662
13627122	Pass	0.075	0.084	0.301	3	437186.717	9215753.877	472.974
13627239	Pass	0.076	0.084	0.305	3	437150.722	9215766.833	459.557
13627450	Pass	0.092	0.111	0.572	2	436907.117	9215884.976	461.066
13628269	Pass	0.098	0.092	0.569	2	436916.519	9216063.559	474.307
13628367	Pass	0.111	0.095	0.563	2	436792.699	9216054.759	486.168
13628562	Pass	0.080	0.078	0.306	3	437312.267	9215919.472	469.815
13629215	Pass	0.116	0.096	0.576	2	436786.047	9216151.665	466.093
13629591	Pass	0.090	0.092	0.329	3	437268.108	9216270.360	455.625
13630281	Pass	0.169	0.098	0.626	2	437455.578	9216227.899	424.087
13630285	Pass	0.156	0.134	0.629	2	437384.963	9216414.401	426.554
13630659	Pass	0.116	0.127	0.598	2	437156.060	9216399.731	465.046
13630879	Pass	0.117	0.167	0.617	2	437065.749	9216563.575	447.167
13631159	Pass	0.106	0.125	0.364	3	437539.526	9216513.012	443.976
13631269	Pass	0.103	0.124	0.361	3	437473.588	9216512.638	442.997
13631491	Pass	0.139	0.195	0.640	2	437264.090	9216645.881	433.703
13632226	Pass	0.166	0.241	0.670	2	437381.592	9216776.341	415.700
13633159	Pass	0.072	0.121	0.317	3	437456.450	9215183.330	444.610
13633267	Pass	0.078	0.115	0.309	3	437332.836	9215229.610	462.730
13633386	Pass	0.071	0.111	0.313	3	437486.922	9215263.744	446.015
13633524	Pass	0.077	0.096	0.311	3	437362.522	9215408.293	440.288
13633887	Pass	0.071	0.080	0.298	3	437545.345	9215582.083	468.554
13634300	Pass	0.071	0.077	0.292	3	437622.609	9215641.787	489.863
13635009	Pass	0.076	0.073	0.303	3	437713.150	9215836.005	470.855
13635409	Pass	0.075	0.074	0.310	3	437570.890	9215860.158	446.126
13635644	Pass	0.083	0.079	0.313	3	437223.539	9216058.802	460.990
13636010	Pass	0.080	0.085	0.319	3	437707.574	9216068.937	446.098
13636490	Pass	0.086	0.090	0.321	3	437835.508	9216118.443	460.206
13637281	Pass	0.099	0.108	0.336	3	437984.581	9216269.791	461.531
13637431	Pass	0.087	0.102	0.335	3	437817.906	9216232.069	435.927
13638986	Pass	0.072	0.130	0.316	3	437837.873	9214925.975	467.810
13639155	Pass	0.070	0.104	0.303	3	437862.488	9215125.150	475.855
13639197	Pass	0.069	0.095	0.298	3	437877.381	9215206.983	483.104
13639324	Pass	0.068	0.094	0.309	3	437984.984	9215228.520	455.880
13639855	Pass	0.073	0.075	0.302	3	438145.965	9215481.891	470.657
13640477	Pass	0.076	0.073	0.316	3	438182.907	9215546.323	437.508
13640638	Pass	0.071	0.071	0.298	3	438066.070	9215665.703	476.003
13642054	Pass	0.084	0.090	0.314	3	438258.661	9215967.530	467.961
13642152	Pass	0.077	0.087	0.306	3	438144.429	9215954.972	480.188
13642446	Pass	0.171	0.098	0.592	2	437892.728	9216085.292	464.457
13642932	Pass	0.089	0.106	0.328	3	438295.390	9216109.010	449.224
13643110	Pass	0.080	0.102	0.325	3	438149.767	9216085.989	443.505
13644585	Pass	0.070	0.122	0.308	3	438276.068	9214804.681	485.138
13644702	Pass	0.076	0.115	0.318	3	438156.343	9214865.847	449.080
13644877	Pass	0.069	0.095	0.306	3	438302.037	9215037.719	461.629
13644974	Pass	0.070	0.093	0.306	3	438264.286	9215050.826	459.893
13645845	Pass	0.069	0.075	0.310	3	438423.826	9215297.581	440.431
13645955	Pass	0.069	0.073	0.314	3	438311.607	9215352.563	431.479

13646513	Pass	0.069	0.072	0.293	3	437940.526	9215539.264	484.614
13646584	Pass	0.074	0.071	0.311	3	438542.770	9215488.516	443.929
13646982	Pass	0.069	0.071	0.305	3	438316.000	9215422.546	454.989
13648217	Pass	0.084	0.088	0.315	3	438657.835	9215780.261	457.297
13648487	Pass	0.075	0.087	0.311	3	438509.910	9215788.904	460.633
13649036	Pass	0.091	0.101	0.321	3	438729.682	9215896.548	459.783
13649254	Pass	0.083	0.106	0.323	3	438612.407	9215951.948	450.402
13650818	Pass	0.072	0.117	0.304	3	438636.036	9214673.830	505.510
13650845	Pass	0.080	0.116	0.302	3	438490.573	9214681.571	513.678
13651013	Pass	0.070	0.107	0.307	3	438693.155	9214753.225	484.154
13651084	Pass	0.074	0.092	0.300	3	438579.279	9214896.927	489.417
13651919	Pass	0.069	0.071	0.291	3	438754.206	9215213.323	491.628
13652296	Pass	0.076	0.072	0.302	3	438969.811	9215210.107	473.405
13653967	Pass	0.081	0.080	0.301	3	439011.851	9215521.891	476.571
13654066	Pass	0.080	0.092	0.306	3	438982.756	9215664.641	468.055
13654753	Pass	0.097	0.103	0.309	3	439174.443	9215753.435	487.456
13655088	Pass	0.080	0.104	0.313	3	438960.721	9215770.340	457.492
13656559	Pass	0.075	0.121	0.315	3	439005.822	9214481.384	485.998
13656711	Pass	0.090	0.124	0.315	2	438874.729	9214498.158	488.686
13656872	Pass	0.070	0.097	0.296	3	439120.817	9214669.712	512.854
13657263	Pass	0.070	0.082	0.289	3	439168.909	9214838.551	510.974
13657293	Pass	0.070	0.089	0.295	3	439139.369	9214758.200	503.590
13657308	Pass	0.071	0.078	0.286	3	439078.223	9214880.922	516.057
13657505	Pass	0.069	0.081	0.304	3	438780.647	9215014.729	466.097
13658189	Pass	0.076	0.071	0.292	3	439327.401	9215084.039	489.386
13658337	Pass	0.071	0.071	0.287	3	439191.940	9215152.628	494.875
13658569	Pass	0.099	0.079	0.554	2	439160.672	9215192.761	494.394
13658795	Pass	0.072	0.071	0.302	3	438890.705	9215210.878	464.650
13659855	Pass	0.091	0.083	0.308	3	439500.497	9215364.364	450.683
13660083	Pass	0.076	0.088	0.294	3	439289.707	9215451.208	479.241
13660686	Pass	0.092	0.097	0.308	3	439497.869	9215520.738	451.549
13660891	Pass	0.082	0.101	0.299	3	439372.907	9215576.546	477.325
13662490	Pass	0.075	0.123	0.322	3	439417.074	9214301.883	474.727
13662807	Pass	0.075	0.113	0.317	3	439417.327	9214381.350	475.528
13663433	Pass	0.072	0.084	0.309	3	439548.030	9214662.017	466.046
13663797	Pass	0.095	0.128	0.550	2	439142.244	9214859.114	517.014
13663932	Pass	0.075	0.076	0.310	3	439684.671	9214785.594	460.838
13664020	Pass	0.072	0.074	0.304	3	439536.051	9214831.144	470.811
13664082	Pass	0.072	0.073	0.300	3	439531.702	9214857.308	479.013
13666376	Pass	0.085	0.081	0.313	3	439809.104	9215157.137	455.032
13666414	Pass	0.077	0.081	0.299	3	439694.486	9215167.342	485.061
13667106	Pass	0.099	0.103	0.311	3	439952.194	9215378.467	482.520
13668900	Pass	0.079	0.130	0.319	3	439735.776	9214073.053	498.027
13668994	Pass	0.079	0.122	0.317	3	439735.756	9214131.462	494.654
13669240	Pass	0.080	0.113	0.315	3	439305.025	9214379.745	486.031
13669311	Pass	0.074	0.110	0.313	3	439819.410	9214221.067	492.146
13669461	Pass	0.075	0.096	0.312	3	439795.282	9214353.075	480.250
13669769	Pass	0.079	0.100	0.315	3	439321.629	9214495.296	472.090
13670456	Pass	0.072	0.075	0.308	3	439870.153	9214647.726	471.240
13670613	Pass	0.072	0.074	0.302	3	439972.994	9214652.552	487.694
13671091	Pass	0.077	0.073	0.301	3	440101.520	9214768.722	496.726

13671791	Pass	0.080	0.076	0.306	3	440138.826	9214893.675	486.244
13672618	Pass	0.090	0.081	0.311	3	440268.700	9214967.236	487.928
13672769	Pass	0.079	0.087	0.314	3	440109.330	9215047.974	466.602
13673089	Pass	0.087	0.078	0.313	3	439850.322	9215098.277	457.212
13673463	Pass	0.094	0.105	0.313	3	440290.291	9215215.191	495.730
13673881	Pass	0.084	0.111	0.316	3	440141.595	9215283.269	485.566
13675193	Pass	0.078	0.134	0.318	3	440139.949	9213870.848	510.054
13675438	Pass	0.074	0.108	0.308	3	440203.205	9214065.731	506.598
13675572	Pass	0.079	0.112	0.309	3	440097.449	9214039.473	510.978
13675732	Pass	0.071	0.090	0.306	3	440319.357	9214232.720	496.192
13676679	Pass	0.072	0.073	0.298	3	440393.844	9214514.504	503.892
13676860	Pass	0.073	0.073	0.298	3	440401.107	9214625.524	503.685
13677440	Pass	0.081	0.078	0.312	3	440553.269	9214746.639	476.515
13678210	Pass	0.088	0.086	0.317	3	440638.742	9214854.859	476.888
13678363	Pass	0.081	0.089	0.310	3	440542.359	9214895.437	488.642
13679040	Pass	0.101	0.103	0.317	3	440751.640	9215020.264	503.330
13679219	Pass	0.088	0.101	0.310	3	440617.483	9215013.190	504.022
13680799	Pass	0.075	0.120	0.313	3	440553.401	9213791.406	489.154
13680840	Pass	0.078	0.115	0.310	3	440490.463	9213831.253	495.895
13681280	Pass	0.071	0.107	0.314	3	440642.828	9213894.151	474.680
13682366	Pass	0.070	0.083	0.305	3	440737.497	9214124.426	480.672
13682526	Pass	0.070	0.074	0.310	3	440729.084	9214292.060	465.547
13682848	Pass	0.074	0.076	0.306	3	440448.570	9214426.930	490.910
13683065	Pass	0.075	0.073	0.309	3	440902.328	9214299.921	474.925
13683214	Pass	0.070	0.073	0.309	3	440717.191	9214318.290	466.959
13684755	Pass	0.086	0.078	0.317	3	441024.597	9214594.085	464.926
13684920	Pass	0.078	0.092	0.308	3	440880.049	9214772.287	490.248
13685615	Pass	0.097	0.095	0.322	3	441124.145	9214776.640	474.972
13687518	Pass	0.074	0.118	0.308	3	440933.515	9213611.539	476.152
13688309	Pass	0.075	0.109	0.304	3	440913.983	9213686.386	481.397
13688750	Pass	0.077	0.104	0.310	3	440500.131	9213922.773	486.726
13688761	Pass	0.069	0.088	0.292	3	441052.359	9213860.949	499.789
13689525	Pass	0.071	0.073	0.300	3	441241.789	9214071.334	476.614
13689541	Pass	0.068	0.073	0.294	3	441106.956	9214073.251	488.050
13690546	Pass	0.069	0.070	0.303	3	441071.251	9214249.014	463.412
13691843	Pass	0.078	0.077	0.312	3	441318.149	9214438.235	454.988
13692021	Pass	0.077	0.090	0.310	3	441286.990	9214587.015	470.301
13692433	Pass	0.080	0.083	0.307	3	440935.144	9214664.003	486.075
13692654	Pass	0.095	0.096	0.325	3	441505.607	9214630.421	458.415
13692819	Pass	0.080	0.101	0.312	3	441313.879	9214695.212	482.103
13694535	Pass	0.075	0.131	0.301	3	441310.454	9213324.631	480.064
13695047	Pass	0.068	0.101	0.294	3	441422.982	9213555.686	477.460
13695284	Pass	0.072	0.104	0.296	3	441330.063	9213528.838	471.193
13695429	Pass	0.071	0.112	0.303	3	441010.908	9213656.146	486.587
13695690	Pass	0.067	0.079	0.293	3	441488.554	9213770.482	466.480
13696333	Pass	0.069	0.070	0.290	3	441607.305	9213901.588	476.196
13696654	Pass	0.068	0.069	0.294	3	441413.260	9213978.762	458.340
13696844	Pass	0.069	0.082	0.295	3	441171.332	9213929.323	494.112
13697355	Pass	0.067	0.068	0.294	3	441481.346	9214020.805	460.301
13698804	Pass	0.077	0.078	0.300	3	441722.207	9214301.336	459.056
13698950	Pass	0.077	0.086	0.304	3	441708.645	9214392.471	452.473

13701508	Pass	0.081	0.128	0.312	3	441595.425	9213178.604	464.795
13701533	Pass	0.074	0.122	0.311	3	441687.234	9213215.594	462.123
13701809	Pass	0.082	0.212	0.574	2	441193.811	9213474.647	467.610
13701842	Pass	0.069	0.103	0.304	3	441758.131	9213359.271	463.575
13702270	Pass	0.067	0.081	0.299	3	441929.533	9213561.412	466.341
13702289	Pass	0.067	0.095	0.304	3	441824.008	9213425.100	458.593
13702898	Pass	0.066	0.073	0.292	3	441808.563	9213661.945	475.939
13703051	Pass	0.066	0.068	0.295	3	441902.106	9213765.831	465.889
13703403	Pass	0.072	0.067	0.303	3	442063.421	9213788.192	456.104
13705012	Pass	0.091	0.083	0.314	3	442260.576	9214167.609	451.168
13705213	Pass	0.073	0.077	0.302	3	442061.349	9214116.904	459.739
13706259	Pass	0.090	0.089	0.310	3	441856.183	9214417.441	449.043
13707446	Pass	0.074	0.118	0.310	3	442073.163	9213058.040	452.829
13707681	Pass	0.089	0.238	0.583	2	441912.391	9213018.838	461.918
13708657	Pass	0.081	0.122	0.572	2	442157.014	9213447.933	462.893
13708851	Pass	0.069	0.075	0.296	3	442114.559	9213454.801	468.382
13709181	Pass	0.067	0.069	0.298	3	442332.973	9213534.788	463.930
13709296	Pass	0.071	0.070	0.306	3	442427.795	9213511.555	454.940
13710107	Pass	0.066	0.067	0.295	3	442262.409	9213607.088	469.046
13711512	Pass	0.084	0.075	0.315	3	442584.926	9213895.712	452.516
13711705	Pass	0.072	0.078	0.304	3	442417.601	9213947.725	466.970
13711985	Pass	0.082	0.078	0.310	3	442176.861	9214111.980	447.859
13712315	Pass	0.088	0.098	0.322	3	442601.543	9214127.191	451.765
13712553	Pass	0.075	0.096	0.317	3	442441.657	9214119.523	451.456
13713918	Pass	0.074	0.133	0.303	3	442475.551	9212760.312	463.033
13714097	Pass	0.078	0.119	0.300	3	442391.828	9212862.247	462.350
13714394	Pass	0.072	0.134	0.316	3	442151.817	9212945.757	454.236
13714595	Pass	0.068	0.108	0.299	3	442583.154	9212935.800	458.788
13714741	Pass	0.074	0.108	0.297	3	442438.501	9212940.684	462.426
13715027	Pass	0.069	0.120	0.313	3	442208.191	9213046.318	452.512
13715857	Pass	0.067	0.074	0.298	3	442727.681	9213258.410	447.969
13715935	Pass	0.067	0.068	0.298	3	442734.564	9213359.399	446.562
13716090	Pass	0.066	0.077	0.297	3	442596.598	9213236.101	445.067
13716180	Pass	0.066	0.066	0.296	3	442574.502	9213425.604	447.941
13718219	Pass	0.078	0.071	0.306	3	442915.397	9213664.429	446.718
13718277	Pass	0.074	0.082	0.308	3	442849.610	9213806.990	442.401
13718932	Pass	0.087	0.087	0.314	3	442994.258	9213853.458	443.755
13720231	Pass	0.075	0.121	0.304	3	442842.139	9212666.014	473.964
13720398	Pass	0.077	0.113	0.303	3	442787.137	9212725.594	470.812
13720945	Pass	0.071	0.115	0.300	3	442913.095	9212709.680	479.994
13721712	Pass	0.066	0.078	0.296	3	443004.279	9213034.981	462.543
13722215	Pass	0.113	0.136	0.570	2	443103.692	9213014.406	477.232
13722510	Pass	0.067	0.068	0.295	3	442934.952	9213195.261	458.440
13722963	Pass	0.069	0.066	0.298	3	443163.441	9213226.149	461.043
13724338	Pass	0.078	0.077	0.309	3	443296.150	9213578.019	448.202
13724653	Pass	0.067	0.077	0.304	3	443110.239	9213578.741	447.565
13724899	Pass	0.091	0.100	0.321	3	443418.419	9213781.785	444.350
13726310	Pass	0.072	0.125	0.315	3	443313.830	9212463.702	479.973
13726477	Pass	0.080	0.118	0.310	3	443151.222	9212519.211	487.066
13726781	Pass	0.082	0.243	0.579	2	442892.088	9212627.560	478.395
13728632	Pass	0.068	0.078	0.309	3	443489.086	9212857.068	453.408

13728799	Pass	0.067	0.073	0.301	3	443327.283	9212936.906	465.084
13729370	Pass	0.069	0.065	0.305	3	443538.620	9213110.998	451.067
13730815	Pass	0.081	0.072	0.310	3	443719.636	9213331.782	453.210
13730916	Pass	0.068	0.076	0.308	3	443521.788	9213391.202	445.560
13731205	Pass	0.171	0.096	0.598	2	443332.259	9213597.752	447.328
13733091	Pass	0.073	0.125	0.331	3	443669.099	9212298.461	464.085
13733396	Pass	0.084	0.119	0.327	3	443491.307	9212353.868	469.383
13733852	Pass	0.068	0.104	0.325	3	443811.201	9212450.146	462.895
13734046	Pass	0.071	0.095	0.320	3	443660.487	9212531.264	457.061
13734351	Pass	0.077	0.098	0.322	3	443374.414	9212719.708	466.634
13735496	Pass	0.067	0.076	0.311	3	443866.783	9212709.906	465.132
13735719	Pass	0.067	0.069	0.310	3	443705.699	9212831.432	456.429
13736190	Pass	0.070	0.070	0.311	3	443950.237	9212794.142	465.524
13736351	Pass	0.067	0.067	0.308	3	443882.080	9212891.045	459.106
13737699	Pass	0.074	0.073	0.308	3	444028.404	9213173.657	463.560
13737837	Pass	0.075	0.083	0.307	3	444035.209	9213291.066	468.767
13738197	Pass	0.156	0.108	0.591	2	443662.399	9213481.398	454.627
13739942	Pass	0.070	0.121	0.321	3	444101.877	9212140.117	492.142
13740688	Pass	0.070	0.113	0.319	3	444102.720	9212199.325	485.677
13740985	Pass	0.080	0.199	0.581	2	443925.796	9212255.436	476.106
13740998	Pass	0.075	0.096	0.319	3	443962.434	9212343.321	468.884
13742242	Pass	0.067	0.079	0.316	3	444271.442	9212505.621	460.741
13742531	Pass	0.065	0.067	0.302	3	444131.231	9212712.263	482.379
13743064	Pass	0.067	0.068	0.304	3	444306.570	9212673.769	480.375
13744690	Pass	0.171	0.081	0.585	2	444504.227	9212981.168	481.539
13744947	Pass	0.072	0.072	0.309	3	444390.458	9212993.547	464.703
13745045	Pass	0.069	0.084	0.312	3	444319.407	9213142.695	461.337
13747186	Pass	0.074	0.124	0.334	3	444396.618	9211954.460	466.217
13747245	Pass	0.078	0.126	0.333	3	444341.717	9211942.192	472.245
13747984	Pass	0.072	0.108	0.328	3	444419.941	9212070.997	462.112
13748140	Pass	0.075	0.094	0.323	3	444346.073	9212193.570	465.104
13749010	Pass	0.094	0.131	0.584	2	444177.785	9212511.275	463.377
13749272	Pass	0.065	0.071	0.319	3	444573.763	9212438.204	449.899
13749912	Pass	0.070	0.068	0.316	3	444756.006	9212493.772	463.604
13751465	Pass	0.075	0.072	0.315	3	444834.969	9212816.672	463.825
13751704	Pass	0.068	0.075	0.320	3	444704.007	9212855.980	445.516
13753915	Pass	0.072	0.127	0.337	3	444825.160	9211751.637	461.988
13754350	Pass	0.068	0.114	0.331	3	444885.011	9211844.954	461.186
13754428	Pass	0.072	0.098	0.327	3	444780.686	9211982.556	458.533
13755691	Pass	0.064	0.067	0.309	3	444969.945	9212339.588	472.456
13756134	Pass	0.067	0.080	0.322	3	444675.642	9212323.192	456.227
13756175	Pass	0.065	0.068	0.317	3	444639.315	9212493.251	452.853
13756400	Pass	0.066	0.065	0.307	3	445091.890	9212390.949	477.887
13760646	Pass	0.071	0.115	0.323	3	445218.295	9211674.188	485.898
13760774	Pass	0.078	0.125	0.329	3	445099.416	9211602.630	484.462
13760995	Pass	0.073	0.111	0.330	3	444783.121	9211875.787	462.441
13762059	Pass	0.067	0.077	0.309	3	445467.786	9212001.676	488.205
13762182	Pass	0.065	0.070	0.305	3	445264.004	9212107.027	487.448
13762344	Pass	0.065	0.077	0.312	3	445034.358	9212176.297	474.306
13762672	Pass	0.067	0.066	0.308	3	445488.897	9212195.947	474.997
13763048	Pass	0.064	0.065	0.302	3	445340.825	9212306.200	485.465

13763407	Pass	0.064	0.065	0.309	3	444956.479	9212443.564	471.054
13767026	Pass	0.082	0.124	0.317	2	445570.108	9211475.574	509.895
13767323	Pass	0.070	0.107	0.313	3	445635.923	9211566.761	506.647
13767421	Pass	0.081	0.114	0.312	2	445564.692	9211553.646	512.858
13767577	Pass	0.068	0.111	0.321	3	445276.013	9211696.180	489.199
13767706	Pass	0.070	0.088	0.314	3	445189.718	9211892.987	482.640
13773278	Pass	0.078	0.130	0.338	3	445991.098	9211268.803	458.307
13773463	Pass	0.082	0.117	0.331	3	445889.083	9211359.397	467.423
13773722	Pass	0.073	0.111	0.324	3	446070.477	9211394.124	472.613
13773793	Pass	0.074	0.103	0.317	3	446010.742	9211454.346	480.147
13774328	Pass	0.071	0.088	0.307	3	445565.632	9211725.648	502.544
13775550	Pass	0.066	0.078	0.301	3	445757.861	9211833.801	504.439
13780928	Pass	0.086	0.137	0.331	3	446327.932	9211070.192	496.215
13781075	Pass	0.088	0.127	0.329	3	446270.689	9211142.417	488.145
13781493	Pass	0.077	0.103	0.320	3	446474.641	9211305.144	470.929
13782207	Pass	0.077	0.099	0.317	3	446423.789	9211341.033	473.389
13782645	Pass	0.074	0.079	0.301	3	446605.215	9211518.046	491.286
13783124	Pass	0.117	0.106	0.586	2	446235.458	9211768.926	455.665
13788282	Pass	0.086	0.142	0.348	3	446838.402	9210896.355	488.016
13788342	Pass	0.084	0.131	0.336	3	446849.040	9210958.906	504.845
13788412	Pass	0.089	0.119	0.324	3	446692.532	9211037.707	519.326
13789116	Pass	0.079	0.109	0.328	3	446921.212	9211110.122	491.199
13796317	Pass	0.085	0.146	0.369	3	447228.528	9210736.640	470.140
13796318	Pass	0.086	0.136	0.359	3	447179.694	9210796.583	478.444
13796477	Pass	0.094	0.251	0.617	2	447117.554	9210747.499	475.401
13796485	Pass	0.091	0.127	0.351	3	447083.252	9210853.673	487.080
13798720	Pass	0.121	0.129	0.583	2	447402.457	9211166.068	493.298
13804677	Pass	0.084	0.149	0.362	3	447611.158	9210514.802	480.419
13804695	Pass	0.082	0.133	0.350	3	447603.422	9210610.349	487.311
13804835	Pass	0.092	0.224	0.619	2	447451.065	9210664.260	462.993
13813362	Pass	0.081	0.135	0.334	3	447948.826	9210393.634	516.682
13813521	Pass	0.087	0.130	0.336	3	447852.137	9210430.806	510.495
13821868	Pass	0.075	0.129	0.323	3	448351.241	9210208.107	488.311
13821890	Pass	0.073	0.122	0.320	3	448378.349	9210249.800	487.237
13822190	Pass	0.086	0.115	0.320	3	448175.461	9210314.418	486.966
13822519	Pass	0.081	0.122	0.329	3	447920.067	9210477.922	513.900
13855600	Pass	0.078	0.118	0.293	3	449907.951	9209597.941	700.914
13855746	Pass	0.085	0.118	0.321	3	449737.936	9209621.323	599.053
13856534	Pass	0.073	0.097	0.289	3	449940.664	9209741.991	673.789
13858056	Pass	0.071	0.072	0.284	3	450106.035	9209966.940	638.508
13863902	Pass	0.080	0.133	0.331	3	450219.743	9209389.855	624.791
13864074	Pass	0.084	0.123	0.325	3	450121.865	9209455.232	628.905
13864700	Pass	0.079	0.120	0.329	3	450206.044	9209470.328	610.120
13872516	Pass	0.079	0.136	0.347	3	450588.361	9209241.993	627.698
13872673	Pass	0.086	0.136	0.347	3	450464.425	9209251.362	630.342
13872841	Pass	0.090	0.123	0.348	3	450390.639	9209336.349	618.753
13881153	Pass	0.078	0.128	0.312	3	450943.388	9209137.946	762.297
13881307	Pass	0.085	0.138	0.330	3	450822.797	9209096.990	727.333
13881320	Pass	0.081	0.115	0.309	3	450822.466	9209227.475	755.699
13883817	Pass	0.068	0.077	0.298	3	451009.836	9209518.144	708.028
13884026	Pass	0.068	0.071	0.294	3	450920.949	9209596.238	709.280

13884484	Pass	0.070	0.071	0.287	3	451141.464	9209581.780	727.817
13889657	Pass	0.083	0.131	0.343	3	451216.154	9209053.410	742.899
13889659	Pass	0.089	0.162	0.371	3	451210.183	9208913.615	716.413
13889989	Pass	0.090	0.131	0.337	3	451054.243	9209069.574	758.258
13892261	Pass	0.079	0.078	0.332	3	451484.406	9209406.763	673.030
13893070	Pass	0.074	0.072	0.323	3	451449.065	9209482.613	677.102
13893231	Pass	0.068	0.067	0.305	3	451392.150	9209596.068	700.882
13898010	Pass	0.120	0.285	0.669	2	451580.404	9208800.833	690.185
13898170	Pass	0.105	0.268	0.639	2	451400.053	9208831.338	712.479
13898330	Pass	0.108	0.253	0.638	2	451338.376	9208870.781	701.097
13906618	Pass	0.091	0.139	0.366	3	433422.850	9215985.063	429.537
13906791	Pass	0.099	0.135	0.362	3	433241.458	9216036.115	436.328
13906866	Pass	0.121	0.234	0.606	2	433066.889	9216038.382	467.600
13907000	Pass	0.126	0.194	0.612	2	433026.254	9216201.858	440.639
13907136	Pass	0.170	0.210	0.621	2	432832.392	9216148.187	450.541
13907191	Pass	0.091	0.134	0.362	3	433410.211	9216029.879	428.998
13907314	Pass	0.095	0.121	0.357	3	433274.487	9216174.943	424.525
13907816	Pass	0.125	0.159	0.593	2	433021.427	9216363.976	465.651
13908512	Pass	0.106	0.128	0.580	2	433146.373	9216538.985	484.838
13908802	Pass	0.087	0.096	0.344	3	433641.372	9216499.306	414.979
13909083	Pass	0.086	0.099	0.335	3	433431.877	9216544.614	435.497
13909206	Pass	0.096	0.113	0.583	2	433287.225	9216662.356	475.882
13909395	Pass	0.109	0.115	0.595	2	433139.655	9216723.574	449.670
13909526	Pass	0.133	0.123	0.615	2	432992.066	9216629.945	423.161
13909851	Pass	0.086	0.096	0.337	3	433567.048	9216623.797	423.362
13910662	Pass	0.091	0.098	0.328	3	433693.249	9216792.918	461.155
13911582	Pass	0.101	0.102	0.341	3	433823.008	9216881.315	436.078
13911742	Pass	0.095	0.110	0.351	3	433688.601	9216973.833	404.760
13912062	Pass	0.116	0.143	0.622	2	433490.560	9217052.623	418.341
13912222	Pass	0.109	0.166	0.613	2	433351.085	9217156.221	449.714
13912523	Pass	0.115	0.124	0.363	3	433915.849	9217088.187	406.196
13912681	Pass	0.104	0.134	0.366	3	433758.792	9217175.220	393.894
13913001	Pass	0.143	0.207	0.659	2	433602.140	9217291.088	381.663
13913161	Pass	0.121	0.201	0.631	2	433477.158	9217285.096	433.248
13914559	Pass	0.093	0.134	0.349	3	433749.821	9215843.454	437.622
13914621	Pass	0.097	0.127	0.336	3	433639.515	9215902.824	466.633
13914956	Pass	0.087	0.113	0.336	3	433834.261	9216027.047	447.795
13915109	Pass	0.093	0.124	0.345	3	433706.487	9215928.241	435.531
13915987	Pass	0.087	0.098	0.338	3	433772.700	9216249.172	433.266
13916485	Pass	0.086	0.092	0.345	3	433978.477	9216341.660	419.006
13916665	Pass	0.086	0.092	0.345	3	433961.227	9216353.044	417.646
13917614	Pass	0.086	0.093	0.342	3	433905.317	9216550.831	429.274
13918960	Pass	0.099	0.102	0.340	3	434160.690	9216712.537	465.368
13919114	Pass	0.094	0.104	0.342	3	434082.534	9216734.956	453.744
13919788	Pass	0.110	0.120	0.359	3	434238.427	9216878.582	449.107
13919948	Pass	0.108	0.137	0.381	3	434174.723	9217014.450	408.148
13921458	Pass	0.090	0.136	0.344	3	434195.751	9215654.438	442.762
13921698	Pass	0.100	0.138	0.331	3	434004.028	9215643.046	480.110
13921977	Pass	0.089	0.123	0.338	3	434190.501	9215757.629	444.541
13922141	Pass	0.090	0.118	0.344	3	434143.901	9215810.564	424.458
13923445	Pass	0.088	0.091	0.331	3	434394.272	9216157.310	452.097

13923587	Pass	0.086	0.095	0.321	3	434271.973	9216053.760	468.125
13924429	Pass	0.087	0.090	0.327	3	434280.293	9216283.385	462.804
13925950	Pass	0.113	0.113	0.371	3	434634.970	9216627.730	424.681
13926110	Pass	0.097	0.102	0.349	3	434470.899	9216528.071	443.031
13926961	Pass	0.111	0.128	0.363	3	434584.198	9216753.695	458.785
13927642	Pass	0.131	0.139	0.388	3	434747.965	9216800.696	431.213
13928486	Pass	0.089	0.132	0.318	3	434545.348	9215487.355	475.029
13928810	Pass	0.100	0.138	0.333	3	434378.987	9215465.010	440.061
13929201	Pass	0.086	0.116	0.309	3	434604.533	9215605.377	488.867
13929381	Pass	0.089	0.116	0.313	3	434524.919	9215615.173	473.374
13930569	Pass	0.089	0.091	0.327	3	434842.599	9215898.870	449.685
13930732	Pass	0.087	0.088	0.318	3	434620.014	9215993.870	454.053
13930785	Pass	0.087	0.087	0.322	3	434657.071	9216039.615	447.812
13931102	Pass	0.090	0.091	0.335	3	434448.044	9216133.644	449.304
13931412	Pass	0.089	0.087	0.314	3	434810.716	9216004.126	480.192
13933126	Pass	0.108	0.098	0.337	3	435028.880	9216318.431	482.343
13933286	Pass	0.100	0.104	0.336	3	434905.141	9216396.078	472.781
13933993	Pass	0.121	0.134	0.379	3	435067.930	9216606.512	423.477
13934154	Pass	0.104	0.121	0.355	3	434904.576	9216540.517	448.278
13935725	Pass	0.087	0.146	0.316	3	434945.947	9215191.678	473.984
13935839	Pass	0.090	0.132	0.318	3	434887.333	9215299.989	450.777
13936438	Pass	0.083	0.114	0.314	3	435024.221	9215432.601	448.710
13936606	Pass	0.087	0.103	0.304	3	434904.850	9215539.563	468.171
13937060	Pass	0.083	0.092	0.309	3	435084.475	9215654.041	451.857
13938005	Pass	0.084	0.088	0.311	3	435079.795	9215728.364	445.225
13938686	Pass	0.089	0.082	0.315	3	435256.542	9215878.154	456.378
13940431	Pass	0.107	0.107	0.350	3	435412.250	9216259.572	428.612
13940591	Pass	0.097	0.105	0.342	3	435261.749	9216258.329	431.811
13941285	Pass	0.107	0.110	0.347	3	435402.507	9216288.127	437.724
13941646	Pass	0.100	0.124	0.346	3	435257.088	9216406.398	454.151
13943072	Pass	0.086	0.133	0.301	3	435283.015	9215075.304	482.064
13943231	Pass	0.090	0.123	0.302	3	435208.343	9215162.046	469.098
13943812	Pass	0.079	0.113	0.304	3	435493.326	9215230.640	461.160
13944739	Pass	0.081	0.087	0.300	3	435397.626	9215512.078	447.720
13945376	Pass	0.081	0.085	0.302	3	435587.039	9215534.593	451.428
13945547	Pass	0.081	0.080	0.297	3	435506.985	9215652.408	459.252
13945852	Pass	0.087	0.088	0.323	3	435246.178	9215709.013	431.123
13946193	Pass	0.083	0.079	0.301	3	435606.826	9215715.521	458.172
13947025	Pass	0.096	0.086	0.322	3	435769.382	9215911.586	431.583
13947874	Pass	0.102	0.092	0.327	3	435826.862	9215978.243	434.881
13948034	Pass	0.158	0.106	0.609	2	435691.431	9216017.667	428.231
13948199	Pass	0.089	0.101	0.325	3	435586.608	9216083.440	424.520
13948716	Pass	0.104	0.108	0.326	3	435812.793	9216127.600	456.170
13950802	Pass	0.081	0.125	0.310	3	435711.742	9214949.804	461.733
13950848	Pass	0.090	0.129	0.306	3	435578.730	9214927.766	474.570
13951143	Pass	0.080	0.133	0.305	3	435410.338	9215076.902	475.074
13951371	Pass	0.077	0.107	0.303	3	435798.035	9215086.080	468.634
13951516	Pass	0.085	0.114	0.302	3	435630.858	9215038.670	470.450
13952930	Pass	0.078	0.080	0.299	3	435967.206	9215380.435	476.785
13953092	Pass	0.078	0.081	0.299	3	435780.317	9215394.285	463.260
13953211	Pass	0.078	0.077	0.307	3	435848.921	9215501.246	445.849

13953728	Pass	0.082	0.076	0.305	3	436035.992	9215521.605	469.158
13954701	Pass	0.085	0.085	0.309	3	436040.080	9215780.409	471.955
13955363	Pass	0.205	0.104	0.655	2	436249.831	9215825.114	404.441
13955365	Pass	0.096	0.097	0.327	3	436177.631	9215899.366	455.659
13956182	Pass	0.111	0.114	0.363	3	436308.291	9216005.217	401.256
13956583	Pass	0.093	0.123	0.334	3	436079.794	9216104.298	450.060
13958170	Pass	0.079	0.130	0.319	3	436114.762	9214722.982	444.503
13958321	Pass	0.085	0.119	0.311	3	435996.104	9214814.463	456.672
13958988	Pass	0.074	0.110	0.314	3	436263.834	9214872.176	450.381
13959942	Pass	0.076	0.081	0.297	3	436151.565	9215173.819	476.544
13960626	Pass	0.074	0.083	0.300	3	436348.020	9215128.117	476.385
13961490	Pass	0.076	0.073	0.311	3	436377.284	9215385.957	447.653
13961641	Pass	0.076	0.075	0.316	3	436305.360	9215447.410	435.499
13963120	Pass	0.089	0.080	0.315	3	436579.536	9215585.042	467.690
13963419	Pass	0.080	0.093	0.331	3	436367.111	9215723.495	421.381
13963914	Pass	0.096	0.104	0.320	3	436621.820	9215828.554	478.933
13963995	Pass	0.087	0.115	0.328	3	436473.219	9215913.433	454.445
13964875	Pass	0.079	0.081	0.304	3	436864.220	9215472.942	474.633
13964877	Pass	0.078	0.081	0.303	3	436844.705	9215469.653	476.419
13965337	Pass	0.119	0.224	0.599	2	436549.481	9214446.772	456.685
13965524	Pass	0.081	0.128	0.329	3	436435.166	9214558.503	439.770
13965716	Pass	0.089	0.218	0.600	2	436339.295	9214641.615	435.195
13966160	Pass	0.073	0.114	0.316	3	436561.352	9214653.390	461.008
13966751	Pass	0.077	0.097	0.305	3	436115.108	9214993.027	460.216
13967960	Pass	0.071	0.081	0.311	3	436732.451	9214960.750	455.316
13968615	Pass	0.076	0.070	0.305	3	436845.346	9215200.575	469.331
13968772	Pass	0.072	0.072	0.303	3	436678.726	9215301.946	466.109
13970742	Pass	0.091	0.101	0.313	3	437003.432	9215667.181	472.031
13970770	Pass	0.084	0.108	0.313	3	436898.892	9215736.434	465.772
13971271	Pass	0.075	0.072	0.306	3	437247.323	9215182.195	444.936
13971719	Pass	0.070	0.119	0.304	3	436987.518	9214411.972	514.410
13972511	Pass	0.068	0.101	0.297	3	437048.861	9214551.857	514.258
13972786	Pass	0.081	0.196	0.566	2	436780.561	9214528.382	510.895
13972862	Pass	0.082	0.196	0.568	2	436767.923	9214529.861	507.008
13974509	Pass	0.070	0.071	0.294	3	436941.701	9214924.544	486.703
13974890	Pass	0.072	0.079	0.306	3	436574.784	9214990.047	461.446
13974957	Pass	0.071	0.069	0.298	3	437196.484	9214978.462	473.322
13975117	Pass	0.069	0.068	0.302	3	437104.840	9215047.831	456.492
13976190	Pass	0.077	0.077	0.302	3	437279.402	9215279.666	460.158
13976337	Pass	0.079	0.089	0.307	3	437277.231	9215414.220	444.773
13976584	Pass	0.090	0.103	0.305	3	437409.881	9215540.614	466.958
13976612	Pass	0.079	0.106	0.309	3	437259.586	9215563.945	446.902
13977255	Pass	0.081	0.073	0.300	3	437736.161	9215071.288	484.832
13977558	Pass	0.071	0.136	0.318	3	437337.102	9214131.681	480.331
13977708	Pass	0.083	0.123	0.309	3	437114.478	9214223.060	492.105
13978392	Pass	0.068	0.107	0.313	3	437424.510	9214345.049	468.010
13978521	Pass	0.070	0.103	0.305	3	437308.163	9214370.713	481.105
13979994	Pass	0.067	0.080	0.299	3	437521.402	9214581.422	487.003
13980276	Pass	0.068	0.075	0.295	3	437320.972	9214649.030	487.057
13982272	Pass	0.072	0.090	0.307	3	437584.650	9215271.141	460.640
13982475	Pass	0.084	0.094	0.301	3	437757.726	9215302.317	492.411

13982537	Pass	0.081	0.103	0.309	3	437709.669	9215377.907	466.887
13983573	Pass	0.073	0.130	0.309	3	437692.151	9213997.779	501.948
13983882	Pass	0.080	0.109	0.307	3	437536.750	9214161.158	485.294
13984387	Pass	0.068	0.104	0.303	3	437795.531	9214187.545	495.818
13984495	Pass	0.074	0.107	0.305	3	437622.872	9214174.389	485.908
13985968	Pass	0.070	0.073	0.311	3	437952.330	9214526.723	457.913
13986357	Pass	0.067	0.069	0.306	3	437740.871	9214616.222	455.733
13986448	Pass	0.069	0.071	0.303	3	437572.409	9214718.679	470.820
13986723	Pass	0.076	0.068	0.315	3	438049.052	9214650.115	454.033
13987333	Pass	0.069	0.067	0.299	3	437560.690	9214876.440	473.154
13988232	Pass	0.080	0.082	0.321	3	438096.747	9214998.807	438.869
13988364	Pass	0.072	0.080	0.310	3	437990.065	9214985.669	457.660
13988782	Pass	0.088	0.103	0.322	3	438181.428	9215199.545	455.503
13990013	Pass	0.074	0.124	0.311	3	438124.793	9213894.496	503.794
13990176	Pass	0.082	0.216	0.557	2	437931.930	9213932.731	521.712
13990964	Pass	0.073	0.103	0.311	3	438097.593	9214054.816	482.441
13991132	Pass	0.077	0.097	0.307	3	437977.645	9214111.529	492.264
13992417	Pass	0.069	0.080	0.296	3	438213.240	9214268.412	505.115
13992640	Pass	0.069	0.075	0.296	3	438116.724	9214334.464	499.179
13993188	Pass	0.072	0.069	0.291	3	438354.625	9214442.612	515.905
13993513	Pass	0.067	0.068	0.304	3	438175.912	9214575.440	472.565
13993745	Pass	0.070	0.068	0.312	3	437949.373	9214737.257	446.368
13994684	Pass	0.080	0.078	0.295	3	438489.905	9214792.526	515.119
13994945	Pass	0.072	0.077	0.296	3	438373.074	9214782.827	498.730
13995024	Pass	0.088	0.083	0.321	3	438185.617	9215002.329	453.549
13995259	Pass	0.088	0.091	0.311	3	438574.225	9214921.946	482.167
13995334	Pass	0.075	0.097	0.307	3	438411.613	9214997.291	483.847
13996276	Pass	0.080	0.128	0.306	3	438486.576	9213724.750	540.293
13996382	Pass	0.086	0.136	0.313	3	438347.280	9213678.944	526.446
13996943	Pass	0.079	0.121	0.303	3	438529.985	9213769.383	544.492
13997217	Pass	0.077	0.102	0.300	3	438458.023	9213916.203	527.363
13998701	Pass	0.073	0.079	0.295	3	438583.461	9214138.301	523.117
13998704	Pass	0.072	0.072	0.296	3	438612.731	9214256.032	513.935
13999370	Pass	0.073	0.070	0.301	3	438688.900	9214315.247	502.556
13999731	Pass	0.070	0.069	0.296	3	438590.857	9214439.252	508.865
14000959	Pass	0.084	0.077	0.305	3	438886.199	9214574.793	506.252
14001239	Pass	0.076	0.081	0.296	3	438790.208	9214645.040	520.035
14001561	Pass	0.085	0.087	0.302	3	438903.385	9214710.478	518.751
14002117	Pass	0.089	0.107	0.310	3	438946.776	9214885.624	510.803
14002880	Pass	0.095	0.150	0.331	2	438812.661	9213505.806	523.383
14003040	Pass	0.100	0.143	0.324	2	438698.413	9213550.804	535.586
14004612	Pass	0.080	0.096	0.305	3	438919.016	9213845.756	531.647
14005237	Pass	0.078	0.081	0.306	3	439041.507	9214007.306	512.235
14005578	Pass	0.078	0.079	0.302	3	438865.088	9214033.477	520.654
14006036	Pass	0.078	0.073	0.308	3	439113.937	9214198.073	498.418
14007600	Pass	0.082	0.079	0.311	3	439221.048	9214411.355	493.179
14007619	Pass	0.074	0.083	0.310	3	439090.897	9214476.298	487.807
14008227	Pass	0.087	0.094	0.317	3	439294.568	9214575.908	489.069
14008284	Pass	0.079	0.093	0.306	3	439198.570	9214583.111	507.084
14009443	Pass	0.092	0.149	0.356	3	439226.700	9213375.694	520.233
14009605	Pass	0.097	0.141	0.353	3	439115.240	9213431.503	516.490

14010268	Pass	0.085	0.117	0.335	3	439330.395	9213570.815	524.870
14010358	Pass	0.089	0.108	0.329	3	439167.903	9213646.585	527.295
14011974	Pass	0.078	0.081	0.316	3	439386.406	9213917.263	508.583
14012563	Pass	0.079	0.079	0.319	3	439452.822	9213959.083	498.086
14012888	Pass	0.077	0.077	0.317	3	439325.619	9214012.322	496.900
14013043	Pass	0.081	0.076	0.314	3	439156.162	9214091.437	496.628
14013997	Pass	0.088	0.079	0.316	3	439669.334	9214180.355	498.963
14014194	Pass	0.078	0.088	0.311	3	439537.060	9214344.887	493.227
14014597	Pass	0.088	0.102	0.321	3	439688.247	9214474.241	476.605
14015575	Pass	0.096	0.157	0.371	3	439585.649	9213179.812	506.056
14015728	Pass	0.102	0.264	0.617	2	439528.651	9213173.633	505.224
14015805	Pass	0.095	0.139	0.357	3	439554.903	9213285.975	513.523
14016345	Pass	0.090	0.131	0.350	3	439640.330	9213332.713	520.318
14017974	Pass	0.081	0.085	0.319	3	439854.856	9213703.838	529.893
14017976	Pass	0.128	0.113	0.572	2	439856.592	9213706.667	529.914
14018133	Pass	0.079	0.082	0.319	3	439710.112	9213773.324	515.694
14018561	Pass	0.081	0.084	0.322	3	439498.678	9213865.131	506.197
14020279	Pass	0.081	0.081	0.314	3	439962.015	9214041.788	510.033
14020523	Pass	0.078	0.085	0.317	3	439907.820	9214111.909	493.689
14020939	Pass	0.092	0.102	0.320	3	440111.823	9214299.608	498.990
14021209	Pass	0.094	0.094	0.323	3	439752.396	9214389.890	479.883
14021968	Pass	0.098	0.161	0.383	3	439960.384	9213002.227	495.234
14022128	Pass	0.100	0.152	0.378	3	439915.425	9213056.097	496.366
14022768	Pass	0.087	0.120	0.356	3	440088.355	9213236.186	502.501
14023693	Pass	0.082	0.098	0.343	3	440118.471	9213409.772	500.954
14023999	Pass	0.085	0.095	0.339	3	440000.277	9213464.277	506.777
14025704	Pass	0.081	0.080	0.318	3	439895.237	9213806.017	517.361
14026993	Pass	0.080	0.083	0.325	3	440322.004	9213891.764	496.735
14027053	Pass	0.075	0.087	0.315	3	440219.354	9213965.142	516.782
14027088	Pass	0.165	0.089	0.581	2	440020.483	9214039.622	512.276
14027344	Pass	0.089	0.106	0.338	3	440461.851	9214149.651	474.493
14028388	Pass	0.098	0.169	0.376	3	440357.053	9212773.320	502.671
14028466	Pass	0.093	0.141	0.359	3	440368.815	9212925.423	505.538
14028547	Pass	0.102	0.160	0.371	3	440277.617	9212823.813	506.440
14029949	Pass	0.081	0.098	0.325	3	440542.505	9213218.589	521.312
14030904	Pass	0.079	0.086	0.324	3	440461.622	9213369.777	498.868
14031229	Pass	0.082	0.087	0.344	3	440281.876	9213519.691	488.616
14033148	Pass	0.078	0.083	0.314	3	440696.630	9213746.202	485.796
14033308	Pass	0.075	0.094	0.317	3	440642.361	9213892.549	475.062
14035013	Pass	0.096	0.164	0.369	3	440792.369	9212598.364	485.005
14035017	Pass	0.091	0.144	0.359	3	440827.528	9212705.415	480.722
14035172	Pass	0.102	0.260	0.623	2	440669.822	9212673.951	489.368
14036735	Pass	0.081	0.092	0.321	3	440816.740	9213091.561	496.191
14037296	Pass	0.080	0.094	0.324	3	440919.112	9213049.459	492.290
14037796	Pass	0.080	0.084	0.320	3	440630.505	9213356.802	511.712
14038266	Pass	0.077	0.079	0.318	3	440921.853	9213249.765	480.299
14039514	Pass	0.082	0.080	0.319	3	441156.557	9213550.351	463.911
14039676	Pass	0.077	0.091	0.307	3	441090.325	9213700.386	496.763
14039774	Pass	0.088	0.081	0.319	3	440845.845	9213717.008	486.816
14040016	Pass	0.084	0.092	0.318	3	441193.319	9213700.795	471.562
14040999	Pass	0.093	0.156	0.358	3	441196.862	9212451.149	484.686

14041155	Pass	0.108	0.155	0.360	3	440962.606	9212482.680	479.762
14042648	Pass	0.081	0.096	0.322	3	441346.824	9212839.076	487.617
14042828	Pass	0.081	0.089	0.314	3	441162.465	9212928.224	494.999
14043392	Pass	0.077	0.079	0.310	3	441362.114	9213024.923	486.438
14045457	Pass	0.078	0.078	0.305	3	441494.797	9213368.351	475.626
14046020	Pass	0.088	0.089	0.308	3	441624.092	9213514.735	477.975
14047014	Pass	0.094	0.160	0.371	3	441578.172	9212258.594	462.494
14047019	Pass	0.093	0.140	0.355	3	441510.716	9212375.691	472.301
14047178	Pass	0.106	0.268	0.632	2	441374.788	9212289.966	465.182
14047614	Pass	0.094	0.145	0.350	3	441136.005	9212518.309	486.421
14048679	Pass	0.080	0.095	0.330	3	441665.186	9212682.840	466.573
14049430	Pass	0.078	0.080	0.327	3	441761.414	9212833.668	454.959
14049584	Pass	0.078	0.084	0.325	3	441586.183	9212807.445	461.910
14051280	Pass	0.072	0.080	0.314	3	441743.391	9213205.121	460.075
14051664	Pass	0.082	0.081	0.320	3	441917.024	9213223.864	454.856
14051787	Pass	0.146	0.110	0.603	2	441849.718	9213316.968	455.993
14052233	Pass	0.072	0.088	0.302	3	441397.801	9213498.208	479.528
14053538	Pass	0.094	0.148	0.361	3	441877.205	9212172.059	460.844
14053568	Pass	0.090	0.150	0.361	3	441983.533	9212149.049	464.977
14053697	Pass	0.100	0.145	0.360	3	441781.428	9212200.827	463.825
14055242	Pass	0.080	0.093	0.329	3	441952.105	9212546.755	457.915
14055794	Pass	0.077	0.085	0.324	3	442081.805	9212618.194	457.676
14056579	Pass	0.081	0.079	0.319	3	442224.403	9212688.481	465.138
14058076	Pass	0.074	0.083	0.312	3	442182.304	9213085.929	453.199
14058352	Pass	0.083	0.076	0.323	3	441933.422	9213138.180	452.075
14058591	Pass	0.091	0.086	0.320	3	442409.441	9213110.197	452.362
14059903	Pass	0.094	0.151	0.345	3	442272.069	9211978.041	480.401
14060063	Pass	0.100	0.143	0.346	3	442151.568	9212044.237	473.788
14061980	Pass	0.078	0.082	0.309	3	442493.789	9212488.386	471.375
14062300	Pass	0.081	0.087	0.314	3	442275.008	9212450.629	473.040
14063659	Pass	0.077	0.078	0.307	3	442600.377	9212818.493	460.770
14064183	Pass	0.173	0.091	0.596	2	442712.245	9212856.868	468.184
14064331	Pass	0.078	0.089	0.309	3	442634.539	9212979.741	461.060
14064582	Pass	0.085	0.076	0.315	3	442339.543	9212969.311	460.157
14064818	Pass	0.086	0.090	0.309	3	442738.072	9212985.933	469.959
14066350	Pass	0.141	0.225	0.609	2	442665.154	9211740.478	492.322
14066504	Pass	0.100	0.145	0.347	3	442573.445	9211848.469	484.211
14066825	Pass	0.095	0.165	0.351	3	442300.873	9211900.462	484.137
14067122	Pass	0.093	0.139	0.342	3	442694.869	9211865.617	488.947
14068470	Pass	0.081	0.082	0.314	3	442919.717	9212299.800	487.373
14068726	Pass	0.078	0.081	0.312	3	442824.262	9212341.049	482.308
14068785	Pass	0.080	0.084	0.313	3	442699.924	9212318.016	482.820
14069616	Pass	0.080	0.077	0.306	3	442585.924	9212557.479	478.379
14069947	Pass	0.084	0.076	0.310	3	443069.875	9212605.217	486.134
14070663	Pass	0.172	0.086	0.596	2	443088.351	9212640.112	485.933
14070831	Pass	0.077	0.080	0.306	3	442973.513	9212686.337	482.946
14071421	Pass	0.099	0.098	0.328	3	443233.655	9212864.104	468.630
14073081	Pass	0.100	0.162	0.378	3	443039.738	9211582.634	497.070
14073169	Pass	0.094	0.149	0.370	3	443117.843	9211645.666	499.653
14073396	Pass	0.110	0.236	0.612	2	442860.261	9211698.631	494.301
14075379	Pass	0.078	0.080	0.323	3	443147.971	9212194.886	490.640

14075397	Pass	0.078	0.079	0.323	3	443140.255	9212200.860	490.028
14075854	Pass	0.080	0.081	0.325	3	443269.131	9212148.855	494.359
14077428	Pass	0.082	0.084	0.325	3	443440.239	9212568.310	462.961
14079829	Pass	0.099	0.154	0.379	3	443412.568	9211449.601	519.295
14079986	Pass	0.103	0.135	0.371	3	443293.424	9211576.145	512.082
14080622	Pass	0.088	0.116	0.353	3	443472.942	9211676.715	518.534
14082125	Pass	0.078	0.081	0.333	3	443527.521	9211996.504	500.050
14082738	Pass	0.079	0.078	0.337	3	443685.846	9212012.147	491.477
14084565	Pass	0.078	0.082	0.333	3	443775.174	9212391.260	462.052
14084821	Pass	0.073	0.082	0.333	3	443655.429	9212373.550	458.837
14084855	Pass	0.090	0.084	0.332	3	443527.409	9212569.130	459.211
14085324	Pass	0.081	0.095	0.334	3	443828.462	9212526.303	457.241
14086775	Pass	0.096	0.161	0.397	3	443818.022	9211251.437	492.938
14086817	Pass	0.091	0.151	0.391	3	443891.589	9211298.277	492.931
14086950	Pass	0.103	0.160	0.390	3	443710.854	9211261.930	509.961
14089030	Pass	0.080	0.082	0.349	3	444096.749	9211768.377	482.895
14089323	Pass	0.077	0.079	0.340	3	443893.767	9211860.449	484.333
14089628	Pass	0.078	0.080	0.335	3	443595.108	9211996.595	495.638
14090140	Pass	0.075	0.076	0.335	3	443904.230	9211931.088	486.839
14091406	Pass	0.078	0.077	0.328	3	444176.037	9212148.739	484.056
14091708	Pass	0.072	0.085	0.326	3	444064.425	9212264.081	480.329
14092029	Pass	0.089	0.098	0.334	3	444316.433	9212390.433	472.209
14093414	Pass	0.102	0.257	0.648	2	444178.502	9211129.162	482.455
14093569	Pass	0.107	0.264	0.651	2	444020.621	9211113.914	471.419
14094428	Pass	0.087	0.112	0.367	3	444202.303	9211343.978	472.984
14095736	Pass	0.078	0.089	0.355	3	444401.155	9211514.637	463.542
14096056	Pass	0.077	0.077	0.343	3	444233.945	9211695.190	471.772
14098183	Pass	0.076	0.077	0.335	3	444546.151	9212004.709	458.616
14098624	Pass	0.085	0.087	0.339	3	444665.091	9212122.336	454.231
14098858	Pass	0.081	0.104	0.336	3	444618.245	9212286.943	458.050
14099983	Pass	0.089	0.148	0.381	3	444617.277	9210962.943	495.930
14100148	Pass	0.103	0.152	0.389	3	444440.891	9210959.136	491.501
14100823	Pass	0.082	0.116	0.365	3	444673.847	9211146.437	481.973
14102393	Pass	0.073	0.078	0.342	3	444718.928	9211477.064	468.905
14102964	Pass	0.074	0.073	0.337	3	444847.807	9211534.466	475.673
14103444	Pass	0.078	0.072	0.343	3	444547.806	9211759.369	461.448
14104328	Pass	0.077	0.074	0.330	3	444972.088	9211810.618	471.359
14104414	Pass	0.071	0.076	0.331	3	444874.911	9211836.283	460.503
14104866	Pass	0.086	0.082	0.332	3	445076.029	9211920.232	476.275
14105980	Pass	0.094	0.164	0.388	3	444963.942	9210727.836	519.961
14106328	Pass	0.104	0.247	0.618	2	444775.243	9210815.320	499.866
14106793	Pass	0.087	0.132	0.373	3	444986.958	9210905.847	500.924
14108430	Pass	0.076	0.079	0.335	3	445206.096	9211298.403	503.539
14108651	Pass	0.075	0.080	0.343	3	444997.529	9211313.705	483.727
14108805	Pass	0.076	0.089	0.350	3	444771.927	9211342.188	475.241
14110510	Pass	0.077	0.077	0.324	3	445339.825	9211686.477	491.086
14110651	Pass	0.071	0.078	0.323	3	445261.246	9211704.903	487.000
14111059	Pass	0.083	0.099	0.327	3	445432.775	9211928.947	490.094
14112246	Pass	0.101	0.163	0.411	3	445355.023	9210641.247	521.118
14112406	Pass	0.108	0.164	0.405	3	445169.336	9210656.644	550.064
14113036	Pass	0.093	0.124	0.385	3	445445.411	9210835.325	510.737

14114731	Pass	0.084	0.091	0.358	3	445486.603	9211073.047	503.866
14115024	Pass	0.082	0.087	0.347	3	445369.237	9211123.820	523.614
14115360	Pass	0.082	0.081	0.348	3	445569.055	9211190.255	499.197
14115840	Pass	0.079	0.080	0.338	3	445267.864	9211286.858	505.538
14117112	Pass	0.085	0.082	0.339	3	445773.037	9211518.173	487.256
14117132	Pass	0.074	0.083	0.325	3	445636.482	9211566.811	506.421
14119016	Pass	0.132	0.282	0.700	2	445737.985	9210462.372	485.005
14119176	Pass	0.126	0.282	0.678	2	445583.045	9210453.260	510.209
14119235	Pass	0.121	0.243	0.663	2	445663.014	9210555.397	507.517
14120700	Pass	0.152	0.170	0.665	2	445964.515	9210787.789	477.452
14120721	Pass	0.137	0.161	0.651	2	445903.957	9210812.708	483.334
14120916	Pass	0.111	0.141	0.629	2	445761.876	9210879.140	488.951
14123635	Pass	0.174	0.116	0.645	2	446143.793	9211432.462	457.678
14123649	Pass	0.133	0.111	0.612	2	445997.443	9211432.172	477.961
14124043	Pass	0.184	0.128	0.656	2	446175.745	9211482.708	449.439
14124292	Pass	0.095	0.100	0.337	3	445895.764	9211721.406	506.795
14124974	Pass	0.175	0.289	0.663	2	431320.098	9217066.986	518.331
14125135	Pass	0.162	0.273	0.641	2	431405.466	9217027.677	535.518
14125294	Pass	0.160	0.286	0.667	2	431521.883	9217050.480	490.697
14125460	Pass	0.134	0.183	0.418	3	431664.746	9216913.444	472.689
14125615	Pass	0.131	0.180	0.417	3	431716.223	9216892.230	471.258
14125775	Pass	0.128	0.174	0.423	3	431842.344	9216831.243	448.741
14126903	Pass	0.170	0.178	0.624	2	431149.072	9216698.709	484.813
14127074	Pass	0.141	0.159	0.616	2	431289.017	9216638.780	471.253
14127283	Pass	0.136	0.155	0.612	2	431323.077	9216626.317	472.138
14128322	Pass	0.110	0.105	0.343	3	431458.007	9216391.006	454.776
14128356	Pass	0.115	0.118	0.363	3	431511.433	9216539.767	440.673
14128639	Pass	0.106	0.106	0.345	3	431610.253	9216432.306	468.738
14130719	Pass	0.217	0.148	0.642	2	430898.222	9216119.930	465.350
14130874	Pass	0.182	0.154	0.658	2	431027.744	9216038.373	402.210
14131035	Pass	0.145	0.131	0.643	2	431169.248	9216130.981	395.509
14131200	Pass	0.120	0.108	0.355	3	431291.598	9216078.683	399.181
14131354	Pass	0.116	0.108	0.355	3	431334.759	9216049.836	394.658
14131517	Pass	0.105	0.114	0.349	3	431484.627	9215900.815	431.911
14132159	Pass	0.217	0.135	0.628	2	431221.982	9215913.239	447.783
14133712	Pass	0.137	0.266	0.642	2	431720.364	9216883.088	467.237
14133982	Pass	0.115	0.173	0.403	3	432047.496	9216770.156	458.019
14134132	Pass	0.113	0.166	0.403	3	432084.493	9216718.089	440.272
14134288	Pass	0.116	0.172	0.429	3	432214.668	9216703.771	388.869
14134812	Pass	0.110	0.145	0.393	3	432007.417	9216613.893	431.529
14136098	Pass	0.103	0.106	0.367	3	432066.035	9216302.843	438.013
14136516	Pass	0.105	0.109	0.375	3	431874.618	9216348.858	421.423
14136684	Pass	0.103	0.109	0.387	3	431970.495	9216322.062	390.215
14137356	Pass	0.107	0.095	0.363	3	431752.080	9216114.315	444.796
14138756	Pass	0.165	0.125	0.629	2	431415.407	9215940.020	415.885
14138974	Pass	0.119	0.113	0.387	3	431660.879	9215801.743	417.456
14139134	Pass	0.119	0.117	0.388	3	431670.809	9215763.335	420.471
14139295	Pass	0.105	0.112	0.392	3	431927.858	9215803.981	393.101
14139802	Pass	0.125	0.122	0.389	3	431617.146	9215725.761	437.659
14142085	Pass	0.105	0.173	0.407	3	432449.271	9216634.332	427.018
14142223	Pass	0.106	0.163	0.389	3	432570.867	9216570.929	453.377

14142332	Pass	0.107	0.162	0.388	3	432582.570	9216568.462	458.274
14142881	Pass	0.103	0.131	0.367	3	432357.709	9216404.193	479.760
14143723	Pass	0.102	0.110	0.382	3	432299.981	9216201.885	424.021
14144353	Pass	0.104	0.105	0.373	3	432257.218	9216150.067	443.668
14144388	Pass	0.106	0.101	0.390	3	432193.995	9216063.334	410.849
14144671	Pass	0.103	0.103	0.377	3	432482.111	9216046.973	428.524
14146545	Pass	0.192	0.131	0.650	2	431698.938	9215756.937	437.640
14146790	Pass	0.126	0.122	0.410	3	432021.883	9215619.036	419.884
14146939	Pass	0.118	0.115	0.406	3	432101.080	9215678.857	405.399
14146995	Pass	0.115	0.123	0.407	3	432177.774	9215604.193	404.997
14147627	Pass	0.135	0.135	0.425	3	431965.910	9215539.961	408.686
14149816	Pass	0.097	0.155	0.379	3	432822.648	9216418.968	456.891
14149953	Pass	0.098	0.144	0.368	3	432931.684	9216342.487	465.017
14150112	Pass	0.100	0.155	0.368	3	433003.783	9216415.441	480.732
14150602	Pass	0.098	0.137	0.364	3	432769.503	9216304.918	480.856
14151588	Pass	0.100	0.106	0.357	3	432760.598	9215996.786	471.058
14152103	Pass	0.104	0.106	0.371	3	432636.978	9215985.199	447.296
14152426	Pass	0.101	0.103	0.367	3	432793.754	9215899.977	442.979
14152932	Pass	0.109	0.103	0.390	3	432578.488	9215841.301	410.592
14154568	Pass	0.130	0.126	0.402	3	432415.889	9215461.936	447.267
14154732	Pass	0.121	0.120	0.389	3	432520.171	9215493.456	456.266
14154885	Pass	0.118	0.134	0.387	3	432631.578	9215369.478	471.901
14155396	Pass	0.148	0.154	0.434	3	432308.712	9215295.436	425.206
14157495	Pass	0.091	0.155	0.365	3	433235.902	9216307.747	452.618
14157570	Pass	0.093	0.140	0.370	3	433323.288	9216181.482	418.265
14157623	Pass	0.099	0.148	0.374	3	433456.686	9216221.944	415.377
14157954	Pass	0.093	0.126	0.360	3	433138.340	9216085.907	447.647
14159534	Pass	0.102	0.105	0.363	3	433008.661	9215809.633	452.856
14159605	Pass	0.106	0.102	0.360	3	432973.752	9215731.738	469.255
14159607	Pass	0.099	0.103	0.362	3	433124.398	9215762.285	439.103
14159695	Pass	0.099	0.102	0.360	3	433140.187	9215738.182	444.098
14161886	Pass	0.129	0.123	0.400	3	432822.190	9215353.562	439.584
14162048	Pass	0.117	0.118	0.376	3	432963.224	9215368.950	471.318
14162211	Pass	0.124	0.138	0.388	3	432952.351	9215205.127	474.763
14162744	Pass	0.141	0.148	0.422	3	432761.622	9215184.692	432.237
14164606	Pass	0.119	0.225	0.601	2	433604.661	9216169.822	447.219
14164752	Pass	0.091	0.134	0.347	3	433711.540	9216024.838	448.981
14164754	Pass	0.089	0.138	0.353	3	433626.683	9216049.169	444.333
14166097	Pass	0.095	0.105	0.342	3	433490.580	9215707.751	470.946
14166362	Pass	0.095	0.102	0.340	3	433621.976	9215653.222	461.605
14166750	Pass	0.104	0.102	0.356	3	433363.705	9215588.560	463.324
14169366	Pass	0.129	0.126	0.372	3	433213.653	9215176.558	517.899
14169614	Pass	0.119	0.130	0.357	3	433383.892	9215108.210	539.510
14170129	Pass	0.148	0.157	0.407	3	433118.161	9214989.016	494.415
14171819	Pass	0.113	0.203	0.599	2	433959.015	9215935.190	442.066
14171958	Pass	0.090	0.142	0.345	3	434112.761	9215933.573	437.525
14172041	Pass	0.094	0.128	0.333	3	434180.408	9215830.443	454.177
14173532	Pass	0.094	0.102	0.322	3	433934.343	9215530.773	493.791
14173594	Pass	0.094	0.101	0.332	3	434002.479	9215504.923	463.109
14174096	Pass	0.097	0.103	0.328	3	433814.125	9215541.823	501.195
14176611	Pass	0.124	0.115	0.351	3	433629.756	9215096.690	533.529

14176771	Pass	0.120	0.114	0.348	3	433689.341	9215087.985	523.508
14176871	Pass	0.122	0.123	0.354	3	433721.527	9214992.705	519.027
14179462	Pass	0.086	0.134	0.315	3	434343.220	9215733.088	497.006
14179600	Pass	0.086	0.144	0.317	3	434399.683	9215809.178	497.675
14179694	Pass	0.091	0.137	0.324	3	434527.708	9215746.212	463.901
14181017	Pass	0.095	0.105	0.327	3	434213.795	9215418.555	462.785
14181366	Pass	0.093	0.099	0.328	3	434396.091	9215343.196	446.319
14181930	Pass	0.098	0.099	0.339	3	434235.935	9215262.264	439.132
14184318	Pass	0.132	0.123	0.363	3	433986.295	9214861.843	503.295
14184451	Pass	0.122	0.118	0.357	3	434080.285	9214885.714	486.892
14184608	Pass	0.119	0.122	0.371	3	434144.565	9214845.948	450.996
14187122	Pass	0.091	0.145	0.306	2	434765.584	9215641.960	490.384
14187288	Pass	0.087	0.131	0.306	3	434867.774	9215568.440	474.851
14187550	Pass	0.089	0.128	0.309	3	434906.995	9215544.482	465.558
14189033	Pass	0.090	0.095	0.307	3	434796.494	9215172.191	468.689
14189530	Pass	0.092	0.101	0.313	3	434605.282	9215241.945	466.129
14189682	Pass	0.096	0.096	0.312	3	434577.952	9215118.451	483.341
14192165	Pass	0.123	0.112	0.342	3	434398.258	9214762.634	511.362
14192215	Pass	0.123	0.127	0.349	3	434469.107	9214619.306	520.755
14192377	Pass	0.114	0.113	0.334	3	434529.054	9214712.795	521.259
14194815	Pass	0.083	0.143	0.336	3	435144.247	9215479.399	436.253
14195069	Pass	0.086	0.135	0.322	3	435267.018	9215434.147	453.054
14195131	Pass	0.088	0.122	0.318	3	435328.394	9215336.487	455.416
14196704	Pass	0.088	0.099	0.314	3	435008.445	9215081.117	478.978
14196830	Pass	0.087	0.094	0.311	3	435132.315	9215028.245	474.178
14197415	Pass	0.091	0.096	0.313	3	434966.379	9215023.200	492.522
14199849	Pass	0.119	0.107	0.355	3	434778.508	9214625.452	480.264
14199994	Pass	0.111	0.108	0.332	3	434889.449	9214573.695	530.074
14200153	Pass	0.107	0.112	0.340	3	434973.658	9214519.248	509.901
14202478	Pass	0.080	0.137	0.321	3	435515.082	9215292.114	458.199
14202638	Pass	0.080	0.137	0.321	3	435549.294	9215295.924	454.717
14202768	Pass	0.087	0.130	0.313	3	435717.984	9215247.407	465.259
14203926	Pass	0.105	0.138	0.576	2	435125.090	9215029.011	472.161
14204344	Pass	0.083	0.092	0.297	3	435479.058	9214870.611	500.597
14204947	Pass	0.087	0.094	0.303	3	435357.857	9214877.855	502.184
14205255	Pass	0.084	0.088	0.302	3	435535.633	9214788.170	489.860
14205283	Pass	0.106	0.104	0.562	2	435502.332	9214683.635	495.364
14207100	Pass	0.182	0.117	0.596	2	434823.137	9214564.210	513.602
14207480	Pass	0.123	0.117	0.348	3	435124.904	9214332.867	523.424
14207615	Pass	0.107	0.104	0.329	3	435255.353	9214419.593	517.550
14207774	Pass	0.103	0.105	0.330	3	435317.164	9214390.658	510.271
14210106	Pass	0.078	0.144	0.316	3	435932.524	9215179.997	482.551
14210259	Pass	0.079	0.128	0.310	3	435988.160	9215065.595	472.769
14210530	Pass	0.083	0.126	0.312	3	436078.194	9215051.636	468.482
14212039	Pass	0.080	0.090	0.306	3	435921.869	9214681.977	455.175
14212528	Pass	0.086	0.091	0.306	3	435719.461	9214663.045	470.440
14212689	Pass	0.084	0.090	0.304	3	435763.771	9214655.918	469.133
14215074	Pass	0.111	0.101	0.320	3	435555.041	9214268.178	524.681
14215190	Pass	0.114	0.112	0.325	3	435573.992	9214152.986	543.005
14215350	Pass	0.101	0.110	0.326	3	435745.375	9214143.282	514.370
14217705	Pass	0.075	0.138	0.326	3	436295.333	9214974.944	467.907

14217908	Pass	0.076	0.128	0.324	3	436341.324	9214911.818	458.235
14218026	Pass	0.083	0.129	0.318	3	436508.454	9214917.079	481.603
14219536	Pass	0.077	0.090	0.314	3	436219.168	9214559.063	459.856
14220053	Pass	0.080	0.089	0.316	3	436130.893	9214534.559	463.441
14220265	Pass	0.076	0.088	0.319	3	436271.232	9214534.026	445.268
14222546	Pass	0.113	0.107	0.357	3	435912.475	9214039.150	478.623
14222687	Pass	0.110	0.106	0.354	3	435933.783	9214038.928	482.426
14222853	Pass	0.101	0.107	0.350	3	436044.041	9214003.991	482.015
14225248	Pass	0.073	0.140	0.331	3	436701.051	9214844.166	468.014
14225451	Pass	0.072	0.122	0.312	3	436731.105	9214739.744	491.599
14225529	Pass	0.079	0.133	0.323	3	436867.342	9214802.966	478.758
14227136	Pass	0.073	0.081	0.314	3	436725.771	9214346.378	464.624
14227511	Pass	0.080	0.083	0.333	3	436466.366	9214308.387	442.334
14227672	Pass	0.075	0.086	0.322	3	436547.066	9214384.422	453.783
14229994	Pass	0.103	0.094	0.355	3	436318.202	9213933.071	466.402
14230142	Pass	0.099	0.092	0.351	3	436361.317	9213935.110	465.643
14230303	Pass	0.091	0.103	0.359	3	436509.279	9213804.548	457.785
14232746	Pass	0.068	0.120	0.296	3	437049.715	9214608.263	522.056
14232916	Pass	0.068	0.121	0.294	3	437083.308	9214614.024	523.826
14233070	Pass	0.076	0.116	0.301	3	437243.103	9214569.852	495.331
14234710	Pass	0.070	0.076	0.293	3	437121.625	9214172.393	503.278
14235136	Pass	0.071	0.083	0.297	3	436904.640	9214257.227	504.432
14235290	Pass	0.070	0.078	0.303	3	436972.582	9214178.074	481.962
14237450	Pass	0.101	0.089	0.348	3	436682.841	9213769.523	471.869
14237611	Pass	0.096	0.098	0.352	3	436761.235	9213674.804	463.562
14237685	Pass	0.088	0.089	0.342	3	436832.875	9213737.645	463.356
14240041	Pass	0.068	0.125	0.325	3	437440.773	9214451.466	467.935
14240298	Pass	0.071	0.135	0.323	3	437508.777	9214521.573	484.840
14240331	Pass	0.072	0.116	0.318	3	437556.006	9214386.985	472.010
14241786	Pass	0.069	0.081	0.311	3	437373.477	9214067.330	478.479
14241836	Pass	0.070	0.079	0.307	3	437444.640	9214036.654	484.306
14242394	Pass	0.076	0.077	0.327	3	437226.958	9213965.997	465.365
14244690	Pass	0.099	0.089	0.370	3	437059.665	9213622.249	461.052
14244845	Pass	0.090	0.096	0.364	3	437194.791	9213539.426	461.801
14245006	Pass	0.093	0.105	0.371	3	437193.683	9213466.797	467.591
14247301	Pass	0.071	0.131	0.337	3	437799.685	9214316.702	472.727
14247398	Pass	0.073	0.133	0.336	3	437850.641	9214325.500	471.148
14247581	Pass	0.079	0.113	0.323	3	437986.288	9214185.977	471.558
14249030	Pass	0.071	0.082	0.297	3	437732.836	9213909.225	516.343
14249074	Pass	0.071	0.080	0.291	3	437818.139	9213867.502	530.029
14249557	Pass	0.076	0.078	0.312	3	437618.771	9213828.519	496.774
14251837	Pass	0.097	0.092	0.365	3	437477.547	9213457.491	472.181
14251998	Pass	0.092	0.094	0.357	3	437573.169	9213422.399	475.883
14252158	Pass	0.099	0.115	0.381	3	437551.495	9213280.121	468.108
14254605	Pass	0.133	0.194	0.581	2	438305.136	9214139.959	499.408
14254757	Pass	0.164	0.178	0.582	2	438428.705	9214070.872	510.063
14255111	Pass	0.099	0.167	0.567	2	438161.664	9214047.076	504.682
14255724	Pass	0.086	0.105	0.554	2	438055.163	9213776.868	521.719
14255839	Pass	0.101	0.101	0.555	2	438159.152	9213732.378	518.335
14255975	Pass	0.123	0.098	0.556	2	438267.270	9213684.298	520.186
14258742	Pass	0.124	0.156	0.636	2	437751.917	9213192.027	470.544

14258902	Pass	0.106	0.139	0.609	2	437880.389	9213243.541	498.643
14259063	Pass	0.110	0.172	0.622	2	437955.473	9213126.983	494.269
14263541	Pass	0.098	0.108	0.524	2	487906.323	9184922.891	546.564
14263664	Pass	0.117	0.109	0.529	2	487801.075	9184951.525	547.761
14263888	Pass	0.080	0.080	0.325	3	488218.639	9184992.247	517.210
14264132	Pass	0.082	0.080	0.328	3	488184.160	9185004.020	516.491
14264209	Pass	0.096	0.092	0.528	2	488018.006	9185049.378	554.879
14264346	Pass	0.084	0.109	0.531	2	488041.814	9184884.318	523.335
14264679	Pass	0.080	0.076	0.312	3	488382.612	9184952.193	544.162
14265577	Pass	0.089	0.082	0.330	3	488413.296	9185117.174	563.739
14265737	Pass	0.097	0.099	0.365	3	488368.050	9185265.168	532.709
14266447	Pass	0.106	0.114	0.379	3	488487.002	9185345.850	564.778
14266657	Pass	0.121	0.125	0.574	2	488218.659	9185345.320	555.532
14266975	Pass	0.130	0.147	0.570	2	488001.405	9185434.670	592.897
14267266	Pass	0.114	0.137	0.396	3	488507.473	9185458.269	598.522
14267425	Pass	0.115	0.149	0.407	3	488433.126	9185519.506	594.764
14267467	Pass	0.138	0.182	0.610	2	488266.050	9185527.508	560.059
14267627	Pass	0.131	0.178	0.591	2	488148.288	9185524.676	600.030
14271346	Pass	0.075	0.074	0.312	3	488654.972	9184871.453	527.374
14271486	Pass	0.071	0.077	0.309	3	488525.870	9184772.180	517.650
14271967	Pass	0.080	0.074	0.315	3	488725.445	9184935.317	542.512
14272292	Pass	0.078	0.076	0.317	3	488579.574	9184989.533	541.170
14273581	Pass	0.102	0.103	0.353	3	488851.588	9185226.794	572.534
14273759	Pass	0.094	0.101	0.353	3	488746.558	9185219.598	548.277
14274342	Pass	0.115	0.142	0.388	3	488877.849	9185420.076	575.874
14274501	Pass	0.106	0.141	0.374	3	488742.731	9185434.354	595.879
14277850	Pass	0.076	0.072	0.298	3	489062.896	9184761.000	581.916
14278010	Pass	0.072	0.072	0.298	3	488949.241	9184727.358	571.025
14280250	Pass	0.097	0.095	0.335	3	489171.121	9185095.734	607.450
14280409	Pass	0.127	0.131	0.533	2	489026.084	9185212.709	591.265
14280410	Pass	0.093	0.095	0.338	3	489094.294	9185103.499	593.402
14281073	Pass	0.109	0.122	0.347	3	489210.436	9185254.360	652.104
14284613	Pass	0.116	0.117	0.512	2	489076.623	9184611.405	571.146
14284847	Pass	0.076	0.071	0.302	3	489422.793	9184672.963	597.730
14285172	Pass	0.073	0.071	0.300	3	489262.960	9184656.237	588.108
14285782	Pass	0.075	0.071	0.302	3	489337.518	9184702.276	595.559
14286103	Pass	0.079	0.072	0.302	3	489100.061	9184785.751	583.926
14287205	Pass	0.103	0.107	0.338	3	489557.680	9185056.645	666.827
14287361	Pass	0.093	0.098	0.331	3	489456.159	9185018.162	641.559
14288028	Pass	0.111	0.134	0.353	3	489563.665	9185193.068	690.887
14292430	Pass	0.071	0.071	0.288	3	489605.208	9184500.526	583.138
14292928	Pass	0.085	0.071	0.320	3	489870.302	9184666.523	586.149
14294612	Pass	0.100	0.096	0.345	3	489909.810	9184906.864	620.658
14294775	Pass	0.091	0.099	0.325	3	489746.101	9184945.565	652.395
14295409	Pass	0.111	0.136	0.378	3	489910.867	9185115.447	622.051
14297321	Pass	0.084	0.138	0.544	2	489865.733	9184000.118	544.580
14299032	Pass	0.069	0.071	0.288	3	489945.300	9184376.903	548.632
14299260	Pass	0.070	0.074	0.297	3	489719.293	9184441.190	558.125
14299571	Pass	0.077	0.070	0.323	3	490220.702	9184453.301	513.363
14301943	Pass	0.093	0.086	0.357	3	490276.194	9184759.632	523.033
14302263	Pass	0.084	0.089	0.331	3	490071.543	9184808.423	560.764

14307212	Pass	0.071	0.076	0.309	3	490176.818	9184327.520	518.213
14307555	Pass	0.074	0.070	0.324	3	490523.385	9184398.408	494.779
14307718	Pass	0.074	0.071	0.327	3	490437.618	9184512.769	499.908
14308385	Pass	0.087	0.078	0.345	3	490612.582	9184574.784	505.535
14309184	Pass	0.099	0.098	0.368	3	490666.956	9184725.311	511.426
14309345	Pass	0.085	0.096	0.356	3	490491.828	9184742.482	505.180
14310010	Pass	0.110	0.137	0.391	3	490672.330	9184925.049	533.805
14310496	Pass	0.108	0.116	0.387	3	490340.664	9184927.741	531.181
14313730	Pass	0.094	0.249	0.618	2	490605.970	9184054.591	491.997
14314061	Pass	0.077	0.080	0.325	3	490911.531	9184157.239	478.211
14314382	Pass	0.069	0.071	0.305	3	490671.740	9184247.214	495.780
14316432	Pass	0.096	0.091	0.353	3	490951.816	9184591.134	486.026
14316591	Pass	0.092	0.104	0.353	3	490872.660	9184696.455	502.307
14317239	Pass	0.118	0.122	0.384	3	491060.343	9184761.098	502.577
14320006	Pass	0.069	0.127	0.353	3	490926.164	9183889.171	476.009
14321421	Pass	0.080	0.077	0.348	3	491149.305	9184200.503	482.044
14321687	Pass	0.078	0.075	0.352	3	491064.918	9184224.352	474.765
14321802	Pass	0.070	0.073	0.310	3	490777.091	9184223.342	488.263
14321981	Pass	0.086	0.078	0.352	3	491218.450	9184229.782	489.126
14323544	Pass	0.118	0.115	0.418	3	491360.480	9184596.173	476.507
14323707	Pass	0.108	0.108	0.405	3	491288.292	9184572.013	476.510
14323861	Pass	0.100	0.115	0.394	3	491166.454	9184634.772	501.678
14327991	Pass	0.075	0.145	0.378	3	491244.628	9183887.424	470.909
14328530	Pass	0.086	0.083	0.365	3	491491.271	9184113.866	470.846
14328623	Pass	0.082	0.081	0.361	3	491355.472	9184088.818	472.262
14329077	Pass	0.100	0.088	0.388	3	491651.358	9184162.814	461.209
14330671	Pass	0.118	0.109	0.421	3	491711.017	9184407.617	464.270
14331009	Pass	0.103	0.114	0.409	3	491479.611	9184493.981	474.757
14331505	Pass	0.131	0.134	0.451	3	491744.779	9184548.643	452.989
14335820	Pass	0.086	0.090	0.367	3	491750.102	9183924.625	475.422
14336293	Pass	0.100	0.092	0.379	3	491968.774	9184002.559	475.866
14337920	Pass	0.129	0.138	0.456	3	492051.842	9184431.438	443.704
14338082	Pass	0.119	0.139	0.449	3	491938.885	9184458.471	449.299
14338707	Pass	0.139	0.154	0.470	3	492096.902	9184499.988	447.118
14342979	Pass	0.095	0.092	0.365	3	492104.425	9183935.999	492.375
14343134	Pass	0.094	0.091	0.369	3	491910.356	9183973.947	482.426
14343448	Pass	0.107	0.096	0.383	3	492300.641	9184002.555	480.462
14345021	Pass	0.134	0.137	0.444	3	492422.157	9184321.369	459.527
14345179	Pass	0.124	0.139	0.442	3	492303.524	9184347.325	453.821
14345340	Pass	0.119	0.142	0.449	3	492204.199	9184374.972	447.435
14349683	Pass	0.092	0.096	0.349	3	492174.072	9183781.352	501.603
14349878	Pass	0.096	0.100	0.344	3	492607.782	9183667.899	504.431
14350042	Pass	0.098	0.097	0.357	3	492567.913	9183742.087	483.074
14350201	Pass	0.099	0.095	0.364	3	492472.868	9183832.843	477.953
14352274	Pass	0.133	0.138	0.423	3	492784.470	9184233.392	477.989
14352436	Pass	0.121	0.125	0.402	3	492672.903	9184175.880	484.688
14352598	Pass	0.119	0.135	0.408	3	492583.017	9184249.685	489.956
14357144	Pass	0.099	0.101	0.358	3	493029.598	9183572.756	459.171
14357307	Pass	0.097	0.095	0.346	3	492871.022	9183703.211	473.361
14357393	Pass	0.099	0.095	0.352	3	492900.789	9183740.154	467.420
14359647	Pass	0.126	0.127	0.406	3	493145.627	9184078.791	462.457

14359808	Pass	0.118	0.140	0.392	3	492989.455	9184173.429	496.840
14360458	Pass	0.143	0.169	0.445	3	493203.921	9184273.676	453.945
14364728	Pass	0.094	0.092	0.335	3	493293.500	9183595.579	443.181
14365416	Pass	0.103	0.094	0.353	3	493390.272	9183754.052	438.327
14365574	Pass	0.099	0.095	0.347	3	493275.702	9183759.610	438.479
14367071	Pass	0.126	0.131	0.397	3	493524.514	9184057.986	438.632
14367234	Pass	0.119	0.132	0.388	3	493432.117	9184069.394	442.008
14367391	Pass	0.110	0.126	0.372	3	493237.867	9184040.198	455.536
14381578	Pass	0.075	0.086	0.335	3	494059.945	9183271.317	422.105
14409560	Pass	0.063	0.062	0.272	3	495128.077	9183151.284	415.909
14410637	Pass	0.075	0.074	0.294	3	495241.341	9183459.582	396.405
14411283	Pass	0.085	0.101	0.310	3	495299.532	9183684.687	395.654
14415419	Pass	0.060	0.119	0.331	3	495212.006	9182718.568	427.358
14415778	Pass	0.062	0.072	0.280	3	495529.564	9182860.660	402.095
14415905	Pass	0.060	0.068	0.274	3	495393.370	9182899.944	407.170
14415986	Pass	0.061	0.134	0.337	3	495207.334	9182810.631	428.201
14416374	Pass	0.064	0.063	0.281	3	495542.164	9183028.688	402.897
14416434	Pass	0.086	0.078	0.518	2	495402.943	9183064.774	409.603
14418508	Pass	0.084	0.090	0.311	3	495689.074	9183480.870	397.389
14419275	Pass	0.083	0.099	0.314	3	495652.719	9183546.669	394.561
14421864	Pass	0.065	0.132	0.340	3	495894.495	9182591.018	411.383
14422573	Pass	0.065	0.074	0.290	3	495897.681	9182760.832	411.638
14422979	Pass	0.113	0.118	0.537	2	495538.548	9182864.356	400.590
14423122	Pass	0.068	0.066	0.298	3	495914.465	9182926.502	408.721
14423226	Pass	0.064	0.071	0.294	3	495857.827	9182793.963	400.275
14424693	Pass	0.076	0.081	0.331	3	495898.745	9183267.492	396.304
14425296	Pass	0.090	0.097	0.351	3	496032.858	9183378.877	391.615
14425909	Pass	0.072	0.080	0.297	3	495545.525	9183407.250	398.976
14426030	Pass	0.101	0.120	0.370	3	496084.463	9183519.831	393.586
14429314	Pass	0.072	0.079	0.282	3	496317.460	9182649.148	445.955
14429472	Pass	0.069	0.074	0.294	3	496158.897	9182685.726	411.081
14432362	Pass	0.100	0.088	0.332	3	496457.796	9183120.861	453.739
14432522	Pass	0.101	0.105	0.353	3	496365.186	9183284.486	447.296
14433190	Pass	0.119	0.110	0.358	3	496532.189	9183295.465	463.726
14437820	Pass	0.089	0.087	0.299	3	496723.429	9182740.054	454.993
14437984	Pass	0.087	0.083	0.297	3	496650.330	9182778.604	459.920
14438201	Pass	0.082	0.075	0.297	3	496389.353	9182863.670	458.895
14439235	Pass	0.128	0.114	0.366	3	496852.380	9183128.475	456.902
14439387	Pass	0.110	0.102	0.344	3	496738.542	9183065.175	461.624
14439971	Pass	0.156	0.203	0.611	2	496951.979	9183281.813	456.055
14444320	Pass	0.140	0.133	0.558	2	497121.452	9182589.907	434.079
14444328	Pass	0.118	0.120	0.545	2	497007.907	9182623.531	437.878
14444652	Pass	0.085	0.094	0.289	3	496761.151	9182553.864	442.895
14445735	Pass	0.163	0.127	0.584	2	497169.202	9182771.542	431.439
14446546	Pass	0.221	0.160	0.647	2	497286.229	9183026.299	428.888
14446706	Pass	0.173	0.156	0.612	2	497111.891	9183071.019	435.990
14447362	Pass	0.227	0.172	0.655	2	497284.148	9183088.271	430.841
14450471	Pass	0.102	0.082	0.319	3	486567.270	9185018.535	460.881
14454366	Pass	0.087	0.093	0.547	2	486468.368	9184306.526	454.731
14478725	Pass	0.069	0.123	0.333	3	488014.395	9184713.958	499.342
14478766	Pass	0.070	0.136	0.333	3	488064.172	9184792.254	513.709

14493823	Pass	0.088	0.199	0.529	2	488786.185	9184561.308	565.902
14503217	Pass	0.063	0.075	0.290	3	489050.558	9184061.788	544.021
14503453	Pass	0.062	0.072	0.292	3	489194.228	9184021.723	522.967
14503973	Pass	0.065	0.067	0.293	3	489013.978	9183957.939	530.162
14504310	Pass	0.098	0.085	0.545	2	489120.534	9183883.303	518.462
14511061	Pass	0.063	0.071	0.293	3	489592.168	9183893.983	525.265
14511373	Pass	0.080	0.102	0.540	2	489222.366	9183968.495	518.069
14511480	Pass	0.069	0.065	0.305	3	489329.252	9183809.043	522.154
14511640	Pass	0.063	0.066	0.290	3	489450.904	9183841.679	535.783
14511644	Pass	0.107	0.083	0.555	2	489455.232	9183769.655	539.436
14516850	Pass	0.063	0.121	0.308	3	489878.029	9184183.552	542.420
14518566	Pass	0.064	0.071	0.293	3	489929.948	9183787.737	545.702
14518984	Pass	0.067	0.070	0.298	3	489762.277	9183776.580	548.312
14519141	Pass	0.065	0.069	0.294	3	489811.477	9183763.175	550.538
14521300	Pass	0.081	0.078	0.321	3	489626.319	9183372.359	584.102
14521454	Pass	0.081	0.087	0.320	3	489656.484	9183300.726	593.192
14526007	Pass	0.067	0.074	0.287	3	490306.133	9183684.923	599.827
14526374	Pass	0.069	0.074	0.300	3	490096.598	9183718.554	583.585
14526528	Pass	0.068	0.070	0.296	3	490135.519	9183642.017	592.520
14528859	Pass	0.087	0.088	0.330	3	489985.715	9183288.922	634.935
14528948	Pass	0.086	0.103	0.326	3	490030.504	9183192.209	673.565
14529110	Pass	0.078	0.099	0.310	3	490173.363	9183211.456	678.279
14533322	Pass	0.121	0.124	0.559	2	490475.759	9183658.193	558.023
14533601	Pass	0.069	0.079	0.311	3	490500.309	9183648.296	546.898
14533674	Pass	0.069	0.078	0.326	3	490638.316	9183617.390	509.857
14534132	Pass	0.073	0.076	0.300	3	490437.184	9183594.723	588.045
14536621	Pass	0.097	0.099	0.331	3	490333.762	9183130.966	643.058
14536773	Pass	0.097	0.102	0.334	3	490346.603	9183107.124	640.808
14536939	Pass	0.091	0.105	0.339	3	490441.447	9183081.440	624.977
14542126	Pass	0.073	0.082	0.336	3	490832.178	9183531.315	502.175
14542281	Pass	0.071	0.082	0.335	3	490907.271	9183523.555	497.574
14542440	Pass	0.073	0.078	0.344	3	491019.201	9183402.709	490.040
14542950	Pass	0.088	0.076	0.355	3	490714.734	9183315.850	507.096
14544500	Pass	0.131	0.130	0.552	2	490503.345	9183059.652	614.103
14544629	Pass	0.097	0.094	0.363	3	490702.536	9183087.950	544.293
14544786	Pass	0.102	0.105	0.357	3	490692.507	9183005.529	593.464
14544946	Pass	0.089	0.108	0.378	3	490887.859	9182977.686	526.255
14545474	Pass	0.111	0.120	0.370	3	490652.396	9182922.043	603.433
14549457	Pass	0.072	0.087	0.350	3	491293.921	9183441.310	472.803
14549663	Pass	0.075	0.087	0.347	3	491413.581	9183407.969	479.836
14549991	Pass	0.081	0.081	0.363	3	491100.125	9183348.943	476.122
14550808	Pass	0.082	0.080	0.353	3	491124.228	9183203.366	501.906
14552483	Pass	0.097	0.102	0.363	3	491051.086	9182930.018	547.016
14552641	Pass	0.088	0.095	0.362	3	491120.298	9182987.199	521.222
14552800	Pass	0.087	0.116	0.372	3	491211.582	9182836.969	532.806
14553308	Pass	0.113	0.132	0.378	3	490983.874	9182756.869	590.555
14557403	Pass	0.078	0.094	0.366	3	491501.423	9183389.739	482.418
14558254	Pass	0.076	0.089	0.348	3	491639.162	9183291.284	497.612
14558414	Pass	0.080	0.087	0.350	3	491732.553	9183184.833	504.869
14560532	Pass	0.099	0.117	0.389	3	491341.499	9182802.550	550.328
14560664	Pass	0.089	0.116	0.387	3	491479.039	9182807.914	515.458

14560682	Pass	0.085	0.108	0.379	3	491534.780	9182859.913	512.654
14565578	Pass	0.083	0.098	0.354	3	491927.103	9183280.673	516.041
14566172	Pass	0.086	0.092	0.371	3	491829.029	9183179.467	512.227
14566491	Pass	0.087	0.095	0.342	3	492093.177	9183204.313	527.674
14568565	Pass	0.101	0.116	0.416	3	491742.126	9182802.098	511.118
14568722	Pass	0.100	0.121	0.414	3	491775.909	9182768.092	513.054
14568887	Pass	0.097	0.129	0.399	3	491941.725	9182703.768	531.340
14574550	Pass	0.091	0.099	0.345	3	492241.615	9183157.886	547.103
14574709	Pass	0.094	0.094	0.348	3	492234.438	9183040.150	551.326
14574872	Pass	0.093	0.094	0.335	3	492337.207	9183022.695	563.729
14576943	Pass	0.117	0.126	0.399	3	492092.477	9182658.111	562.573
14577098	Pass	0.107	0.114	0.380	3	492189.253	9182727.158	554.137
14577263	Pass	0.109	0.129	0.387	3	492252.725	9182616.769	561.639
14582143	Pass	0.095	0.102	0.325	3	492570.457	9183088.738	569.790
14582377	Pass	0.093	0.099	0.318	3	492643.090	9183067.282	573.382
14582539	Pass	0.092	0.097	0.321	3	492778.343	9183030.430	553.372
14583772	Pass	0.158	0.106	0.568	2	492540.821	9182859.375	596.716
14583913	Pass	0.146	0.102	0.570	2	492601.719	9182776.810	589.283
14584073	Pass	0.114	0.103	0.565	2	492751.139	9182873.410	560.767
14585276	Pass	0.142	0.138	0.606	2	492298.966	9182636.327	558.959
14585404	Pass	0.126	0.124	0.392	3	492428.848	9182561.283	545.713
14585563	Pass	0.122	0.131	0.390	3	492508.029	9182504.357	549.693
14585723	Pass	0.114	0.126	0.379	3	492612.538	9182521.789	555.016
14591037	Pass	0.090	0.095	0.320	3	493091.534	9182938.000	533.170
14591456	Pass	0.099	0.093	0.337	3	492931.611	9182838.668	523.859
14591459	Pass	0.096	0.096	0.324	3	492931.291	9182934.865	545.501
14593941	Pass	0.124	0.109	0.379	3	492786.887	9182543.388	524.781
14594101	Pass	0.127	0.125	0.388	3	492814.853	9182421.332	535.458
14594262	Pass	0.115	0.120	0.391	3	492963.285	9182431.706	503.699
14598998	Pass	0.091	0.099	0.358	3	493277.406	9182897.651	450.205
14599140	Pass	0.088	0.096	0.356	3	493341.536	9182876.749	444.735
14599295	Pass	0.083	0.092	0.357	3	493479.068	9182841.073	436.227
14601890	Pass	0.164	0.121	0.636	2	492925.154	9182493.968	502.173
14602113	Pass	0.128	0.114	0.416	3	493129.569	9182373.863	455.798
14602282	Pass	0.109	0.115	0.407	3	493292.456	9182330.609	468.270
14602432	Pass	0.111	0.124	0.411	3	493288.351	9182281.853	480.032
14607033	Pass	0.080	0.091	0.336	3	493659.123	9182790.847	460.097
14607234	Pass	0.075	0.086	0.332	3	493753.673	9182762.300	459.860
14608092	Pass	0.075	0.079	0.332	3	493779.375	9182670.912	464.693
14610241	Pass	0.106	0.103	0.367	3	493517.189	9182232.438	479.453
14610401	Pass	0.093	0.099	0.357	3	493634.866	9182224.853	494.937
14610561	Pass	0.086	0.092	0.350	3	493697.228	9182275.925	496.993
14623533	Pass	0.066	0.077	0.287	3	494326.784	9182589.978	526.726
14643376	Pass	0.059	0.073	0.316	3	495139.158	9182372.704	425.973
14644035	Pass	0.063	0.063	0.312	3	495044.764	9182235.887	430.061
14646600	Pass	0.074	0.069	0.312	3	494917.332	9181919.081	430.760
14650744	Pass	0.063	0.077	0.331	3	495411.848	9182304.461	411.381
14653615	Pass	0.079	0.073	0.344	3	495227.332	9181807.694	437.450
14653845	Pass	0.069	0.084	0.321	3	495345.129	9181687.571	478.085
14653986	Pass	0.061	0.074	0.310	3	495502.471	9181770.771	480.479
14656549	Pass	0.065	0.078	0.311	3	495051.052	9181816.863	425.964

14656628	Pass	0.076	0.066	0.338	3	495253.983	9181874.447	436.814
14659132	Pass	0.067	0.072	0.332	3	495712.770	9182146.982	417.277
14661579	Pass	0.075	0.081	0.312	3	495632.518	9181615.965	517.660
14668963	Pass	0.076	0.073	0.327	3	496012.853	9181627.438	474.213
14669122	Pass	0.076	0.082	0.333	3	496019.838	9181540.141	475.261
14672789	Pass	0.067	0.067	0.315	3	496107.738	9181937.438	450.566
14677106	Pass	0.101	0.140	0.617	2	496224.434	9181424.162	463.029
14677108	Pass	0.083	0.129	0.619	2	496352.654	9181469.485	449.799
14677109	Pass	0.090	0.125	0.614	2	496284.127	9181480.057	457.266
14680431	Pass	0.099	0.270	0.694	2	465936.507	9190855.157	423.789
14680436	Pass	0.101	0.241	0.679	2	466112.798	9190777.792	418.808
14680445	Pass	0.111	0.216	0.670	2	466184.935	9190704.078	420.231
14680606	Pass	0.085	0.145	0.373	3	466287.548	9190682.291	423.763
14680690	Pass	0.083	0.139	0.369	3	466260.982	9190650.867	423.609
14680704	Pass	0.086	0.137	0.366	3	466339.133	9190632.320	427.996
14680863	Pass	0.094	0.139	0.367	3	466441.776	9190630.687	435.314
14681022	Pass	0.094	0.219	0.672	2	465941.602	9190721.562	427.369
14681759	Pass	0.099	0.147	0.651	2	465858.706	9190505.863	432.428
14681805	Pass	0.087	0.134	0.644	2	465942.689	9190458.941	433.067
14682264	Pass	0.076	0.083	0.325	3	466296.677	9190253.349	439.210
14682537	Pass	0.074	0.078	0.314	3	466051.012	9190233.876	461.420
14682697	Pass	0.073	0.082	0.324	3	466197.865	9190253.733	435.807
14683021	Pass	0.138	0.086	0.642	2	465679.557	9190258.289	441.245
14683048	Pass	0.135	0.085	0.644	2	465688.440	9190254.867	437.944
14683252	Pass	0.076	0.071	0.312	3	465997.019	9190121.556	448.923
14684599	Pass	0.221	0.091	0.663	2	465427.137	9190022.972	450.929
14684978	Pass	0.088	0.072	0.317	3	465837.122	9189945.228	437.245
14685234	Pass	0.074	0.074	0.292	3	465993.041	9189878.285	479.137
14685299	Pass	0.074	0.078	0.292	3	466003.965	9189817.832	476.841
14685478	Pass	0.241	0.115	0.666	2	465375.044	9189924.994	457.838
14685978	Pass	0.093	0.082	0.305	3	465789.200	9189785.442	465.594
14687438	Pass	0.083	0.142	0.344	3	466637.831	9190511.640	439.813
14687593	Pass	0.086	0.136	0.342	3	466705.735	9190466.149	438.558
14687757	Pass	0.095	0.126	0.339	3	466826.486	9190386.138	443.607
14688231	Pass	0.078	0.126	0.331	3	466588.091	9190420.980	447.007
14689157	Pass	0.071	0.086	0.291	3	466527.997	9190114.224	477.143
14689335	Pass	0.073	0.083	0.291	3	466615.535	9190067.454	475.683
14689882	Pass	0.070	0.076	0.275	3	466424.029	9189998.276	497.181
14690812	Pass	0.070	0.073	0.277	3	466552.289	9189917.968	486.123
14692199	Pass	0.081	0.073	0.266	3	466203.540	9189671.178	484.046
14692348	Pass	0.076	0.079	0.263	3	466268.251	9189584.108	486.555
14692974	Pass	0.081	0.082	0.264	3	466202.747	9189541.848	486.927
14693137	Pass	0.084	0.093	0.266	3	466183.831	9189424.403	484.395
14694346	Pass	0.089	0.151	0.362	3	467001.579	9190352.722	437.453
14694507	Pass	0.087	0.132	0.346	3	467022.018	9190242.452	448.698
14694664	Pass	0.095	0.130	0.350	3	467110.153	9190213.797	443.806
14695210	Pass	0.082	0.130	0.342	3	466948.942	9190233.048	450.483
14695613	Pass	0.103	0.145	0.538	2	466455.395	9190158.716	476.061
14696229	Pass	0.074	0.091	0.317	3	466828.248	9189948.020	442.155
14696407	Pass	0.077	0.086	0.317	3	466946.904	9189877.440	439.058
14696770	Pass	0.073	0.084	0.305	3	466755.172	9189892.512	460.036

14697612	Pass	0.075	0.072	0.293	3	466661.948	9189722.312	465.563
14697733	Pass	0.108	0.108	0.557	2	466781.073	9189782.737	444.819
14699203	Pass	0.086	0.076	0.289	3	466505.205	9189454.948	460.563
14699360	Pass	0.080	0.073	0.288	3	466581.808	9189505.830	460.431
14699571	Pass	0.075	0.081	0.290	3	466703.726	9189378.997	450.674
14699943	Pass	0.093	0.084	0.290	3	466441.774	9189349.986	459.638
14701321	Pass	0.090	0.141	0.381	3	467304.620	9190052.885	424.369
14701482	Pass	0.101	0.143	0.382	3	467424.880	9190053.215	430.969
14701643	Pass	0.103	0.127	0.374	3	467473.182	9189945.919	431.328
14703209	Pass	0.080	0.091	0.337	3	467235.240	9189701.037	441.474
14703723	Pass	0.078	0.095	0.344	3	467139.561	9189756.805	431.860
14704025	Pass	0.079	0.083	0.325	3	467241.508	9189599.599	454.468
14706091	Pass	0.087	0.076	0.307	3	466877.277	9189312.881	458.331
14706330	Pass	0.085	0.086	0.301	3	466929.498	9189153.941	462.111
14706433	Pass	0.080	0.084	0.295	3	466993.711	9189184.868	479.606
14708405	Pass	0.136	0.198	0.601	2	467656.306	9189883.710	452.322
14708542	Pass	0.149	0.189	0.600	2	467714.538	9189850.621	455.079
14708702	Pass	0.166	0.176	0.590	2	467786.823	9189800.361	474.000
14710272	Pass	0.121	0.099	0.565	2	467636.534	9189465.900	467.012
14710742	Pass	0.094	0.108	0.575	2	467464.118	9189541.017	445.080
14710899	Pass	0.102	0.091	0.563	2	467540.180	9189402.965	459.666
14713212	Pass	0.093	0.108	0.529	2	467240.867	9189106.811	497.634
14713366	Pass	0.088	0.135	0.520	2	467289.349	9188975.409	518.782
14713520	Pass	0.086	0.145	0.510	2	467357.280	9188933.717	544.854
14715420	Pass	0.108	0.253	0.620	2	468009.828	9189647.240	436.373
14715581	Pass	0.110	0.259	0.616	2	468115.640	9189663.174	433.756
14715603	Pass	0.110	0.243	0.610	2	468134.274	9189616.513	432.807
14717336	Pass	0.113	0.152	0.574	2	467871.069	9189329.864	459.418
14717826	Pass	0.121	0.155	0.581	2	467824.070	9189341.165	457.788
14718146	Pass	0.102	0.119	0.551	2	467929.643	9189192.772	471.549
14720420	Pass	0.161	0.090	0.514	2	467605.697	9188846.067	547.665
14720584	Pass	0.146	0.098	0.507	2	467667.646	9188777.364	548.934
14722667	Pass	0.111	0.172	0.375	3	468419.834	9189558.391	430.877
14722806	Pass	0.109	0.149	0.359	3	468450.702	9189426.243	432.208
14722952	Pass	0.111	0.149	0.360	3	468478.630	9189422.825	432.460
14724613	Pass	0.089	0.103	0.318	3	468208.977	9189139.702	449.521
14725151	Pass	0.089	0.103	0.319	3	468179.267	9189150.849	450.539
14725471	Pass	0.091	0.094	0.318	3	468349.098	9189006.816	438.457
14727461	Pass	0.131	0.101	0.513	2	467732.696	9188757.403	527.029
14727592	Pass	0.094	0.084	0.288	3	467912.365	9188677.992	481.534
14727757	Pass	0.091	0.087	0.292	3	467956.856	9188630.971	466.247
14730103	Pass	0.150	0.223	0.575	2	468734.103	9189361.814	467.642
14730172	Pass	0.111	0.162	0.347	3	468776.015	9189324.440	469.045
14730332	Pass	0.121	0.154	0.346	3	468913.686	9189256.611	467.247
14732372	Pass	0.090	0.099	0.316	3	468475.895	9188900.386	441.453
14732530	Pass	0.089	0.097	0.308	3	468546.103	9188872.142	452.090
14732556	Pass	0.088	0.093	0.307	3	468584.121	9188810.644	446.932
14734891	Pass	0.097	0.087	0.279	3	468223.940	9188437.659	506.749
14735026	Pass	0.088	0.085	0.278	3	468353.340	9188497.423	498.932
14735104	Pass	0.147	0.098	0.521	2	468354.637	9188403.598	508.007
14737178	Pass	0.111	0.170	0.366	3	469081.213	9189143.924	470.811

14737331	Pass	0.107	0.154	0.351	3	469062.632	9189063.506	484.226
14737490	Pass	0.114	0.138	0.340	3	469206.750	9188937.127	501.049
14739006	Pass	0.092	0.104	0.311	3	468943.466	9188712.403	500.936
14739263	Pass	0.095	0.100	0.302	3	469040.669	9188650.242	527.497
14739731	Pass	0.090	0.094	0.309	3	468788.114	9188625.470	489.258
14742130	Pass	0.097	0.088	0.299	3	468593.899	9188292.239	488.955
14742243	Pass	0.095	0.096	0.299	3	468645.268	9188174.733	482.749
14742425	Pass	0.089	0.092	0.294	3	468743.515	9188229.983	494.727
14744537	Pass	0.106	0.152	0.357	3	469361.109	9188839.642	494.496
14744679	Pass	0.116	0.168	0.376	3	469472.984	9188909.486	473.857
14744838	Pass	0.130	0.161	0.390	3	469629.561	9188824.618	451.300
14746342	Pass	0.096	0.109	0.331	3	469238.501	9188544.496	489.154
14746513	Pass	0.100	0.106	0.344	3	469396.521	9188457.835	463.168
14746921	Pass	0.095	0.104	0.327	3	469177.474	9188502.788	491.028
14749590	Pass	0.097	0.096	0.285	3	469001.925	9188010.176	557.799
14749804	Pass	0.093	0.095	0.292	3	469078.822	9188041.110	539.266
14750310	Pass	0.106	0.103	0.294	3	468881.401	9187917.103	542.763
14751726	Pass	0.114	0.166	0.386	3	469726.809	9188701.624	444.037
14751886	Pass	0.120	0.174	0.395	3	469796.644	9188733.460	435.326
14752047	Pass	0.135	0.263	0.627	2	469963.221	9188679.278	436.547
14753549	Pass	0.100	0.114	0.357	3	469582.806	9188362.663	439.161
14754126	Pass	0.099	0.104	0.349	3	469478.042	9188272.818	444.563
14754445	Pass	0.103	0.107	0.359	3	469754.529	9188247.232	434.595
14756417	Pass	0.105	0.096	0.319	3	469277.106	9187889.896	491.612
14756605	Pass	0.098	0.097	0.316	3	469378.433	9187876.042	492.464
14756849	Pass	0.095	0.107	0.330	3	469457.428	9187729.689	466.198
14758798	Pass	0.113	0.162	0.390	3	470056.038	9188483.668	437.588
14758948	Pass	0.116	0.158	0.392	3	470129.220	9188446.354	425.991
14759110	Pass	0.129	0.173	0.406	3	470252.195	9188513.004	419.286
14760469	Pass	0.102	0.117	0.364	3	469881.367	9188197.315	438.461
14761358	Pass	0.100	0.108	0.357	3	469934.594	9188104.561	437.926
14761518	Pass	0.099	0.100	0.355	3	470043.733	9187975.612	434.323
14763659	Pass	0.109	0.101	0.334	3	469584.604	9187649.511	473.446
14763863	Pass	0.098	0.100	0.321	3	469727.795	9187633.308	489.802
14763998	Pass	0.094	0.098	0.323	3	469823.440	9187659.354	484.080
14766082	Pass	0.109	0.158	0.394	3	470413.348	9188281.319	420.873
14766238	Pass	0.112	0.156	0.393	3	470494.690	9188261.547	420.947
14766376	Pass	0.122	0.234	0.625	2	470645.594	9188213.644	421.557
14767957	Pass	0.098	0.113	0.361	3	470269.579	9187979.531	430.779
14768525	Pass	0.098	0.108	0.352	3	470205.897	9187947.254	447.551
14768836	Pass	0.093	0.096	0.350	3	470380.361	9187761.177	431.485
14771064	Pass	0.101	0.093	0.326	3	470014.818	9187575.279	474.208
14771199	Pass	0.104	0.100	0.328	3	469961.502	9187441.773	467.510
14771378	Pass	0.090	0.099	0.339	3	470184.493	9187426.971	432.147
14773510	Pass	0.101	0.159	0.392	3	470783.152	9188104.612	432.165
14773670	Pass	0.109	0.172	0.399	3	470907.231	9188158.585	435.867
14773830	Pass	0.113	0.165	0.395	3	470975.888	9188117.132	442.495
14775127	Pass	0.092	0.110	0.360	3	470592.832	9187802.617	439.098
14775364	Pass	0.089	0.104	0.356	3	470696.522	9187739.769	434.864
14775462	Pass	0.088	0.101	0.354	3	470766.209	9187700.997	439.117
14778375	Pass	0.101	0.093	0.336	3	470311.619	9187313.123	466.510

14778437	Pass	0.098	0.092	0.335	3	470345.098	9187321.491	463.008
14778592	Pass	0.085	0.093	0.336	3	470520.497	9187258.018	444.973
14780741	Pass	0.093	0.163	0.383	3	471165.716	9187975.183	437.151
14780901	Pass	0.091	0.146	0.376	3	471191.033	9187880.152	430.471
14781066	Pass	0.100	0.147	0.382	3	471325.743	9187877.427	428.729
14782442	Pass	0.082	0.103	0.343	3	470931.593	9187608.397	446.221
14782636	Pass	0.079	0.096	0.345	3	471042.050	9187547.072	428.508
14782790	Pass	0.079	0.095	0.345	3	471068.735	9187534.376	427.728
14785714	Pass	0.093	0.084	0.320	3	470684.431	9187158.209	461.363
14785914	Pass	0.092	0.089	0.313	3	470682.115	9187043.405	471.037
14788195	Pass	0.082	0.148	0.374	3	471472.568	9187754.995	414.262
14788354	Pass	0.082	0.140	0.369	3	471490.261	9187710.898	413.759
14788513	Pass	0.090	0.124	0.363	3	471648.606	9187608.437	417.966
14790646	Pass	0.076	0.082	0.337	3	471202.098	9187284.970	420.007
14790803	Pass	0.071	0.078	0.331	3	471319.013	9187232.620	417.963
14790965	Pass	0.070	0.077	0.331	3	471353.052	9187228.609	418.069
14793114	Pass	0.090	0.080	0.325	3	471004.715	9186904.646	440.623
14794303	Pass	0.089	0.184	0.575	2	471154.140	9186749.673	456.006
14795522	Pass	0.080	0.131	0.361	3	471819.170	9187501.742	421.323
14795592	Pass	0.090	0.140	0.367	3	471934.882	9187541.485	420.901
14795734	Pass	0.089	0.118	0.355	3	471952.197	9187409.501	424.343
14797027	Pass	0.070	0.086	0.332	3	471676.493	9187190.334	429.545
14797483	Pass	0.070	0.086	0.333	3	471629.262	9187191.248	427.059
14797804	Pass	0.069	0.074	0.324	3	471719.150	9187042.478	430.672
14799783	Pass	0.090	0.080	0.321	3	471322.590	9186662.554	438.398
14799895	Pass	0.081	0.078	0.318	3	471431.203	9186673.182	433.293
14802094	Pass	0.088	0.145	0.377	3	472152.888	9187374.632	431.020
14802244	Pass	0.090	0.135	0.367	3	472203.329	9187317.946	435.573
14802405	Pass	0.103	0.140	0.372	3	472317.992	9187331.979	432.672
14803480	Pass	0.074	0.088	0.342	3	471988.666	9187002.422	429.521
14804013	Pass	0.082	0.116	0.575	2	471779.055	9187078.365	429.706
14804037	Pass	0.074	0.084	0.340	3	471948.957	9186971.586	432.060
14804245	Pass	0.078	0.078	0.330	3	472148.703	9186870.399	435.318
14808428	Pass	0.094	0.140	0.348	3	472510.969	9187130.981	458.326
14808587	Pass	0.098	0.146	0.350	3	472548.876	9187163.400	459.839
14808745	Pass	0.110	0.134	0.342	3	472694.386	9187073.832	462.286
14810258	Pass	0.080	0.090	0.324	3	472351.838	9186797.304	443.729
14810419	Pass	0.083	0.085	0.313	3	472482.364	9186717.502	451.329
14810885	Pass	0.080	0.091	0.325	3	472312.909	9186805.549	445.195
14815653	Pass	0.100	0.144	0.331	3	472855.650	9186939.390	455.997
14815760	Pass	0.099	0.140	0.328	3	472852.243	9186916.158	458.539
14815920	Pass	0.112	0.143	0.329	3	472994.434	9186918.318	463.523
14817452	Pass	0.084	0.093	0.299	3	472708.126	9186597.790	462.101
14817729	Pass	0.087	0.088	0.294	3	472846.134	9186514.797	464.184
14818122	Pass	0.083	0.083	0.301	3	472578.452	9186496.551	451.211
14823084	Pass	0.153	0.217	0.577	2	473232.157	9186813.337	472.866
14823241	Pass	0.140	0.182	0.565	2	473194.139	9186702.807	474.481
14823404	Pass	0.120	0.150	0.344	2	473378.321	9186688.797	491.421
14825059	Pass	0.084	0.097	0.319	3	473059.984	9186394.858	467.159
14825568	Pass	0.084	0.094	0.323	3	472988.918	9186383.108	466.279
14825656	Pass	0.133	0.125	0.598	2	472925.547	9186291.993	472.442

14825886	Pass	0.080	0.084	0.300	3	473057.276	9186240.894	478.147
14830606	Pass	0.100	0.160	0.386	3	473532.553	9186521.563	480.283
14830719	Pass	0.104	0.161	0.389	3	473581.901	9186517.223	474.197
14830883	Pass	0.112	0.156	0.392	3	473671.612	9186483.114	464.685
14832426	Pass	0.082	0.098	0.332	3	473432.747	9186173.247	475.700
14832545	Pass	0.083	0.096	0.329	3	473484.498	9186143.053	482.258
14833035	Pass	0.082	0.100	0.334	3	473333.621	9186199.109	473.721
14837912	Pass	0.138	0.198	0.593	2	473869.180	9186327.872	488.462
14838065	Pass	0.101	0.149	0.371	3	473918.068	9186282.662	490.589
14838225	Pass	0.114	0.165	0.386	3	474037.353	9186343.219	490.513
14839749	Pass	0.082	0.098	0.328	3	473748.626	9185990.129	491.510
14840410	Pass	0.081	0.089	0.319	3	473631.966	9185922.139	496.163
14840729	Pass	0.078	0.082	0.314	3	473807.624	9185787.425	491.758
14843053	Pass	0.081	0.084	0.298	3	473495.094	9185430.093	482.893
14845236	Pass	0.098	0.162	0.380	3	474232.268	9186142.061	489.380
14845397	Pass	0.100	0.158	0.380	3	474281.069	9186116.492	480.837
14845562	Pass	0.111	0.227	0.615	2	474421.738	9186014.773	460.053
14847830	Pass	0.081	0.098	0.336	3	474022.598	9185790.048	479.652
14847936	Pass	0.081	0.099	0.339	3	474072.308	9185791.495	473.490
14848096	Pass	0.082	0.094	0.337	3	474210.125	9185712.031	469.555
14852513	Pass	0.095	0.166	0.391	3	474575.948	9185960.866	466.905
14852667	Pass	0.101	0.170	0.391	3	474644.097	9185970.439	467.797
14852737	Pass	0.099	0.149	0.376	3	474670.712	9185866.628	471.006
14855014	Pass	0.079	0.092	0.336	3	474338.740	9185549.276	481.342
14855168	Pass	0.077	0.087	0.327	3	474400.894	9185484.110	482.531
14855322	Pass	0.077	0.081	0.323	3	474512.251	9185374.419	477.816
14859890	Pass	0.091	0.152	0.346	3	474914.928	9185769.965	496.716
14862394	Pass	0.078	0.085	0.310	3	474677.853	9185326.509	487.843
14864934	Pass	0.092	0.084	0.309	3	474410.969	9184893.485	489.738
14876843	Pass	0.073	0.078	0.286	3	475348.201	9184898.797	481.852
14876955	Pass	0.070	0.080	0.285	3	475452.901	9184928.680	476.229
14886146	Pass	0.089	0.085	0.301	3	475470.773	9184313.510	498.665
14886306	Pass	0.080	0.080	0.294	3	475573.868	9184359.234	488.556
14886464	Pass	0.076	0.081	0.291	3	475649.479	9184331.165	488.608
14890994	Pass	0.069	0.116	0.306	3	476050.935	9184577.553	493.193
14891775	Pass	0.070	0.127	0.309	3	476008.163	9184504.969	501.927
14895407	Pass	0.097	0.178	0.437	3	463145.313	9189941.803	424.800
14895696	Pass	0.131	0.232	0.620	2	462865.377	9190103.874	449.966
14895857	Pass	0.143	0.188	0.605	2	462797.510	9190239.418	458.372
14896162	Pass	0.149	0.172	0.604	2	462771.040	9190294.598	456.397
14896259	Pass	0.092	0.143	0.415	3	463152.544	9190107.674	422.284
14896368	Pass	0.092	0.122	0.408	3	463122.632	9190236.489	420.196
14896526	Pass	0.098	0.161	0.605	2	463040.090	9190314.804	419.262
14896997	Pass	0.086	0.115	0.384	3	463273.129	9190243.979	452.047
14898474	Pass	0.112	0.084	0.590	2	462970.101	9190733.354	431.799
14898731	Pass	0.129	0.120	0.600	2	463439.334	9190468.517	438.774
14898741	Pass	0.090	0.087	0.390	3	463471.644	9190513.306	427.909
14899152	Pass	0.099	0.089	0.593	2	463121.060	9190807.372	424.348
14899597	Pass	0.092	0.086	0.390	3	463482.808	9190684.324	436.472
14899848	Pass	0.104	0.094	0.601	2	463270.681	9190822.000	414.713
14900004	Pass	0.104	0.113	0.609	2	463207.072	9190941.391	414.050

14900404	Pass	0.106	0.100	0.400	3	463631.174	9190808.204	454.359
14900836	Pass	0.118	0.143	0.623	2	463333.022	9191039.999	413.362
14900987	Pass	0.110	0.157	0.629	2	463215.624	9191105.638	414.226
14901241	Pass	0.122	0.138	0.434	3	463727.172	9191015.852	451.677
14901409	Pass	0.108	0.125	0.418	3	463617.465	9190977.021	452.823
14901720	Pass	0.134	0.164	0.636	2	463419.783	9191097.826	410.016
14901804	Pass	0.113	0.177	0.639	2	463219.591	9191169.646	415.285
14902149	Pass	0.119	0.152	0.451	3	463676.841	9191089.282	424.586
14902539	Pass	0.101	0.146	0.378	3	463505.815	9189825.269	475.429
14902703	Pass	0.103	0.134	0.373	3	463447.193	9189909.306	473.489
14903146	Pass	0.098	0.130	0.366	3	463515.245	9189920.550	481.399
14903895	Pass	0.091	0.100	0.349	3	463661.559	9190121.894	484.150
14904676	Pass	0.090	0.088	0.348	3	463692.226	9190255.305	473.469
14905205	Pass	0.086	0.089	0.393	3	463305.769	9190485.779	417.022
14905321	Pass	0.094	0.083	0.360	3	463856.747	9190338.949	451.989
14905880	Pass	0.090	0.084	0.367	3	463725.416	9190505.102	434.953
14906242	Pass	0.101	0.088	0.363	3	463948.455	9190586.411	463.060
14906392	Pass	0.095	0.093	0.363	3	463837.356	9190652.621	460.694
14906909	Pass	0.110	0.118	0.389	3	464005.276	9190825.031	444.287
14907830	Pass	0.108	0.233	0.583	2	463883.391	9189645.903	478.280
14907831	Pass	0.110	0.262	0.596	2	463851.134	9189561.225	476.192
14907832	Pass	0.108	0.237	0.585	2	463877.023	9189632.966	478.438
14907891	Pass	0.108	0.235	0.584	2	463872.264	9189640.210	477.622
14907984	Pass	0.110	0.252	0.591	2	463842.434	9189589.738	476.557
14908126	Pass	0.114	0.234	0.597	2	463758.200	9189654.106	451.124
14908193	Pass	0.122	0.218	0.582	2	463684.359	9189702.749	469.000
14908898	Pass	0.106	0.166	0.560	2	463778.197	9189872.345	479.795
14909496	Pass	0.103	0.130	0.553	2	463946.805	9190008.179	476.017
14909509	Pass	0.105	0.133	0.553	2	463975.335	9189992.662	477.490
14909672	Pass	0.100	0.130	0.552	2	463880.483	9190011.277	476.027
14909971	Pass	0.131	0.120	0.561	2	464161.533	9190042.802	472.042
14910997	Pass	0.113	0.087	0.554	2	464061.539	9190258.496	463.555
14911778	Pass	0.157	0.084	0.572	2	464287.469	9190337.645	457.102
14911792	Pass	0.161	0.084	0.574	2	464301.917	9190337.931	456.101
14911822	Pass	0.147	0.086	0.565	2	464242.997	9190265.598	462.011
14911843	Pass	0.150	0.085	0.567	2	464258.415	9190279.026	460.651
14912156	Pass	0.124	0.093	0.566	2	464129.176	9190456.071	449.171
14912370	Pass	0.096	0.083	0.359	3	463885.068	9190483.435	457.016
14912510	Pass	0.170	0.093	0.583	2	464337.128	9190443.103	448.986
14912511	Pass	0.173	0.097	0.585	2	464347.385	9190469.542	446.923
14912512	Pass	0.172	0.098	0.585	2	464343.788	9190477.205	446.691
14912513	Pass	0.181	0.095	0.590	2	464378.066	9190454.907	447.167
14912514	Pass	0.150	0.087	0.570	2	464256.158	9190395.650	455.180
14912754	Pass	0.144	0.104	0.575	2	464221.546	9190520.892	445.544
14913621	Pass	0.149	0.134	0.585	2	464236.486	9190654.001	437.707
14913636	Pass	0.161	0.156	0.598	2	464283.375	9190733.598	429.601
14913731	Pass	0.110	0.105	0.382	3	464033.223	9190731.780	451.514
14914322	Pass	0.167	0.169	0.602	2	464302.005	9190775.561	427.952
14914941	Pass	0.124	0.106	0.558	2	464533.959	9189908.865	474.730
14914942	Pass	0.114	0.096	0.551	2	464484.100	9189960.773	472.954
14914943	Pass	0.122	0.103	0.557	2	464528.699	9189924.753	473.082

14914944	Pass	0.131	0.106	0.564	2	464569.517	9189904.898	472.317
14915727	Pass	0.147	0.169	0.559	2	464215.609	9189476.819	491.251
14915736	Pass	0.094	0.126	0.330	3	464573.869	9189323.875	509.981
14915768	Pass	0.092	0.110	0.327	3	464557.688	9189452.091	497.240
14915911	Pass	0.135	0.140	0.549	2	464257.085	9189582.556	491.812
14915932	Pass	0.132	0.143	0.548	2	464271.084	9189569.246	493.545
14915971	Pass	0.084	0.101	0.318	3	464677.441	9189497.597	501.019
14916019	Pass	0.084	0.097	0.318	3	464668.543	9189536.890	495.338
14916198	Pass	0.119	0.125	0.539	2	464327.901	9189641.582	495.329
14916347	Pass	0.082	0.087	0.315	3	464655.433	9189651.513	492.134
14916772	Pass	0.076	0.075	0.303	3	464826.720	9189863.744	492.714
14917152	Pass	0.081	0.074	0.306	3	464989.007	9189904.315	481.009
14917817	Pass	0.078	0.082	0.317	3	464926.458	9190075.773	453.233
14918057	Pass	0.092	0.104	0.548	2	464720.357	9190149.025	440.799
14918143	Pass	0.088	0.122	0.556	2	464687.374	9190237.578	431.817
14918270	Pass	0.088	0.083	0.306	3	465097.082	9190101.875	483.323
14918459	Pass	0.084	0.094	0.307	3	465039.817	9190222.232	483.706
14918720	Pass	0.092	0.177	0.573	2	464709.612	9190455.947	423.155
14918740	Pass	0.090	0.144	0.563	2	464700.511	9190331.591	425.820
14919333	Pass	0.095	0.137	0.341	3	464930.469	9189038.244	488.490
14919395	Pass	0.094	0.132	0.338	3	464933.399	9189068.709	489.056
14919498	Pass	0.107	0.144	0.347	3	464788.629	9189021.213	499.900
14920160	Pass	0.096	0.122	0.330	3	464873.521	9189145.973	500.535
14920797	Pass	0.080	0.094	0.307	3	465116.374	9189328.930	494.176
14921733	Pass	0.079	0.084	0.296	3	465038.563	9189465.926	508.624
14922447	Pass	0.079	0.075	0.295	3	465302.757	9189580.841	480.289
14923429	Pass	0.083	0.074	0.293	3	465386.654	9189722.604	474.137
14924394	Pass	0.078	0.078	0.289	3	465315.313	9189814.461	481.817
14925065	Pass	0.086	0.083	0.299	3	465439.805	9189897.323	456.028
14925066	Pass	0.081	0.090	0.297	3	465360.204	9189980.470	465.049
14926007	Pass	0.091	0.099	0.310	3	465122.346	9190263.392	481.641
14926848	Pass	0.099	0.147	0.332	3	465285.021	9188773.332	498.915
14927002	Pass	0.104	0.145	0.333	3	465201.847	9188800.733	499.401
14927595	Pass	0.088	0.111	0.312	3	465345.084	9189001.274	486.904
14927718	Pass	0.090	0.109	0.315	3	465301.691	9189027.810	478.837
14929010	Pass	0.081	0.089	0.298	3	465514.030	9189155.975	479.431
14929631	Pass	0.078	0.082	0.299	3	465189.699	9189458.291	487.501
14929950	Pass	0.077	0.078	0.288	3	465491.523	9189325.887	480.665
14930536	Pass	0.082	0.073	0.284	3	465704.431	9189419.083	479.704
14931264	Pass	0.084	0.079	0.287	3	465763.840	9189630.603	463.229
14931414	Pass	0.078	0.082	0.286	3	465676.165	9189676.760	464.701
14931948	Pass	0.087	0.083	0.288	3	465808.050	9189689.545	464.484
14932077	Pass	0.085	0.101	0.300	3	465765.705	9189863.532	440.454
14933483	Pass	0.110	0.142	0.295	2	465578.970	9188597.141	541.580
14934236	Pass	0.096	0.115	0.277	3	465642.799	9188739.308	553.832
14935022	Pass	0.088	0.106	0.281	3	465791.546	9188784.101	516.694
14935192	Pass	0.084	0.088	0.270	3	465743.639	9188956.898	513.453
14935823	Pass	0.081	0.080	0.272	3	465915.716	9189029.195	489.195
14935989	Pass	0.079	0.077	0.270	3	465753.328	9189135.640	483.763
14936552	Pass	0.082	0.089	0.296	3	465373.281	9189196.384	487.918
14936631	Pass	0.081	0.078	0.273	3	465960.705	9189061.605	483.886

14937037	Pass	0.078	0.075	0.269	3	465775.413	9189174.752	481.079
14938354	Pass	0.087	0.079	0.269	3	466167.276	9189440.614	484.516
14938502	Pass	0.078	0.082	0.265	3	466053.068	9189487.344	486.901
14939147	Pass	0.087	0.094	0.273	3	466178.123	9189610.032	480.426
14939239	Pass	0.085	0.095	0.273	3	466150.337	9189624.106	478.969
14940729	Pass	0.106	0.156	0.339	3	465997.411	9188356.582	521.504
14940888	Pass	0.113	0.146	0.333	3	465877.989	9188423.655	527.721
14941818	Pass	0.094	0.110	0.312	3	466013.313	9188628.729	496.234
14943199	Pass	0.081	0.082	0.294	3	466241.194	9188857.690	474.909
14943285	Pass	0.083	0.083	0.294	3	466085.319	9188871.544	479.158
14944086	Pass	0.077	0.075	0.283	3	466154.777	9189015.509	481.263
14945659	Pass	0.081	0.083	0.285	3	466394.908	9189271.944	462.688
14946256	Pass	0.092	0.095	0.292	3	466532.745	9189396.347	460.146
14946454	Pass	0.078	0.089	0.282	3	466369.785	9189355.645	472.845
14947752	Pass	0.106	0.147	0.328	2	466374.505	9188216.702	558.589
14947912	Pass	0.117	0.147	0.335	2	466211.268	9188243.376	549.746
14948582	Pass	0.093	0.116	0.309	3	466482.381	9188375.620	552.248
14948997	Pass	0.098	0.132	0.325	3	466041.812	9188480.104	508.057
14950081	Pass	0.084	0.086	0.284	3	466591.271	9188628.019	550.427
14950241	Pass	0.084	0.084	0.300	3	466468.400	9188680.955	507.489
14950863	Pass	0.081	0.079	0.293	3	466599.758	9188768.350	505.053
14951023	Pass	0.082	0.080	0.300	3	466466.352	9188760.510	496.280
14951343	Pass	0.083	0.081	0.294	3	466305.192	9188864.601	475.543
14951660	Pass	0.084	0.078	0.291	3	466730.479	9188945.702	496.270
14951827	Pass	0.079	0.080	0.292	3	466646.700	9188996.179	490.079
14953303	Pass	0.092	0.085	0.299	3	466855.712	9189067.223	485.875
14953388	Pass	0.085	0.089	0.294	3	466761.448	9189129.683	485.402
14954351	Pass	0.104	0.099	0.302	3	466642.318	9189410.329	453.939
14954836	Pass	0.108	0.150	0.353	3	466654.557	9188049.552	562.500
14954989	Pass	0.110	0.144	0.349	3	466617.100	9188086.565	564.192
14955612	Pass	0.096	0.122	0.346	3	466757.833	9188207.838	518.614
14956561	Pass	0.095	0.110	0.334	3	466730.440	9188288.764	526.100
14957203	Pass	0.088	0.098	0.323	3	466865.767	9188375.188	522.125
14957373	Pass	0.087	0.092	0.295	3	466796.559	9188448.823	578.515
14958008	Pass	0.086	0.088	0.300	3	466930.026	9188481.796	551.884
14958168	Pass	0.082	0.081	0.291	3	466945.605	9188641.245	543.206
14959554	Pass	0.090	0.088	0.302	3	467138.955	9188864.480	502.214
14959675	Pass	0.083	0.084	0.298	3	467030.591	9188818.603	508.696
14960037	Pass	0.162	0.083	0.534	2	466805.472	9188946.094	503.966
14960286	Pass	0.092	0.091	0.302	3	467163.062	9188905.406	500.217
14960446	Pass	0.090	0.106	0.306	3	467146.752	9189062.341	492.489
14961798	Pass	0.109	0.164	0.380	3	467023.444	9187811.873	521.837
14961833	Pass	0.110	0.245	0.601	2	467070.080	9187847.808	517.730
14961958	Pass	0.115	0.226	0.576	2	466910.328	9187899.094	529.035
14962654	Pass	0.097	0.130	0.360	3	467156.612	9187981.394	509.011
14964434	Pass	0.087	0.091	0.340	3	467213.116	9188308.065	485.647
14965048	Pass	0.090	0.087	0.343	3	467395.439	9188344.273	479.853
14965392	Pass	0.084	0.085	0.331	3	467191.125	9188463.890	492.015
14966097	Pass	0.131	0.088	0.561	2	467342.769	9188525.256	493.458
14966881	Pass	0.089	0.086	0.320	3	467436.197	9188586.641	500.271
14966957	Pass	0.155	0.104	0.530	2	467451.142	9188703.682	546.820

14967200	Pass	0.120	0.094	0.534	2	467300.389	9188638.148	516.287
14969399	Pass	0.118	0.164	0.347	2	467348.370	9187618.853	569.588
14969551	Pass	0.123	0.235	0.572	2	467214.803	9187695.225	553.119
14970188	Pass	0.100	0.124	0.326	3	467435.822	9187827.122	539.924
14972182	Pass	0.088	0.091	0.313	3	467474.795	9188160.754	499.377
14972650	Pass	0.090	0.087	0.303	3	467727.017	9188169.607	501.703
14974389	Pass	0.093	0.087	0.309	3	467817.405	9188362.415	470.085
14974666	Pass	0.084	0.092	0.301	3	467662.309	9188494.671	486.633
14974805	Pass	0.095	0.086	0.325	3	467511.018	9188563.247	500.901
14975235	Pass	0.102	0.093	0.315	3	467932.229	9188479.057	461.829
14976729	Pass	0.087	0.089	0.293	3	468028.797	9188599.796	459.555
14976976	Pass	0.112	0.148	0.326	3	467680.958	9187493.080	586.304
14977133	Pass	0.119	0.155	0.335	3	467610.356	9187468.000	583.750
14977934	Pass	0.113	0.135	0.324	3	467618.648	9187589.520	568.450
14978589	Pass	0.097	0.114	0.300	3	467810.231	9187701.817	567.381
14979574	Pass	0.093	0.097	0.294	3	467781.893	9187870.367	543.006
14980017	Pass	0.090	0.097	0.310	3	467562.119	9188039.537	513.376
14980191	Pass	0.089	0.092	0.284	3	467956.066	9187895.623	552.158
14980355	Pass	0.086	0.086	0.284	3	467955.118	9188048.614	520.328
14981835	Pass	0.093	0.088	0.272	3	468183.357	9188256.221	546.815
14982213	Pass	0.084	0.094	0.283	3	468031.823	9188345.238	502.875
14982663	Pass	0.099	0.096	0.283	3	468262.554	9188356.449	526.712
14984431	Pass	0.086	0.087	0.277	3	468063.719	9188221.059	523.248
14984536	Pass	0.119	0.152	0.318	2	468027.259	9187275.615	622.080
14984575	Pass	0.112	0.137	0.310	3	468034.469	9187350.283	615.530
14985359	Pass	0.103	0.118	0.296	3	468108.860	9187477.451	608.138
14986294	Pass	0.097	0.107	0.294	3	468260.437	9187553.257	586.674
14987213	Pass	0.095	0.100	0.285	3	468176.359	9187638.436	591.330
14987892	Pass	0.090	0.088	0.275	3	468335.660	9187834.586	576.043
14988056	Pass	0.090	0.090	0.277	3	468267.306	9187788.280	578.011
14988374	Pass	0.089	0.086	0.279	3	468029.462	9188004.945	541.636
14989591	Pass	0.094	0.088	0.284	3	468470.690	9187989.890	535.987
14989846	Pass	0.086	0.091	0.276	3	468343.439	9188088.519	551.726
14990314	Pass	0.102	0.095	0.298	3	468575.110	9188112.396	500.519
14990540	Pass	0.093	0.105	0.294	3	468485.418	9188247.802	501.877
14992156	Pass	0.114	0.146	0.335	3	468414.815	9187133.668	602.560
14992308	Pass	0.127	0.152	0.336	3	468252.140	9187117.651	619.539
14993144	Pass	0.108	0.120	0.315	3	468398.596	9187312.966	595.151
14993764	Pass	0.105	0.124	0.321	3	468503.178	9187271.508	589.050
14994599	Pass	0.099	0.105	0.318	3	468624.611	9187432.867	551.906
14995074	Pass	0.095	0.100	0.288	3	468294.259	9187628.505	581.373
14995401	Pass	0.097	0.097	0.317	3	468677.869	9187538.968	530.905
14997221	Pass	0.097	0.094	0.304	3	468804.199	9187849.816	517.686
14997473	Pass	0.092	0.103	0.311	3	468719.441	9188005.964	491.142
14997944	Pass	0.102	0.100	0.294	3	468878.663	9187951.659	540.305
14998316	Pass	0.095	0.112	0.309	3	468788.498	9188094.372	496.659
14999731	Pass	0.118	0.148	0.341	3	468698.397	9186964.885	591.784
14999872	Pass	0.115	0.155	0.351	3	468786.363	9186914.755	578.426
15000539	Pass	0.108	0.130	0.331	3	468815.717	9187071.697	578.900
15000693	Pass	0.110	0.124	0.324	3	468718.831	9187128.726	586.041
15002688	Pass	0.097	0.100	0.305	3	468537.372	9187495.932	566.493

15002864	Pass	0.097	0.097	0.299	3	468984.008	9187385.070	582.816
15003025	Pass	0.096	0.096	0.297	3	468867.245	9187435.381	583.995
15003556	Pass	0.094	0.093	0.305	3	468555.708	9187618.270	540.528
15003683	Pass	0.101	0.094	0.315	3	469147.416	9187559.808	519.462
15004475	Pass	0.106	0.096	0.322	3	469219.712	9187620.800	504.876
15004671	Pass	0.096	0.103	0.317	3	469103.542	9187776.565	495.616
15005291	Pass	0.106	0.111	0.320	3	469239.570	9187860.964	494.508
15005469	Pass	0.100	0.106	0.313	3	469161.473	9187814.191	506.699
15007283	Pass	0.122	0.161	0.352	3	469011.609	9186721.405	586.197
15007437	Pass	0.123	0.149	0.348	3	468958.462	9186804.855	578.710
15008036	Pass	0.109	0.132	0.339	3	469130.348	9186889.192	562.269
15008197	Pass	0.113	0.127	0.344	3	469017.983	9186952.454	545.914
15009459	Pass	0.102	0.109	0.308	3	468828.933	9187245.177	592.996
15009591	Pass	0.099	0.105	0.341	3	469282.840	9187146.025	499.324
15009752	Pass	0.102	0.108	0.320	3	469140.935	9187109.768	559.767
15010607	Pass	0.096	0.098	0.307	3	469230.900	9187266.626	563.591
15011474	Pass	0.095	0.098	0.318	3	469347.086	9187433.459	516.360
15012160	Pass	0.098	0.097	0.319	3	469425.544	9187425.583	516.659
15012544	Pass	0.094	0.106	0.324	3	469364.572	9187594.027	498.391
15012934	Pass	0.104	0.110	0.332	3	469550.102	9187621.519	485.348
15014750	Pass	0.123	0.171	0.370	3	469356.301	9186492.808	554.517
15014911	Pass	0.126	0.155	0.354	3	469264.535	9186594.796	577.355
15015541	Pass	0.115	0.158	0.363	3	469439.473	9186551.868	547.017
15016336	Pass	0.108	0.134	0.352	3	469468.810	9186701.134	528.852
15016358	Pass	0.102	0.117	0.343	3	469523.413	9186831.321	514.855
15016506	Pass	0.103	0.116	0.342	3	469481.989	9186858.616	516.206
15017399	Pass	0.098	0.104	0.336	3	469508.746	9187017.804	500.927
15017977	Pass	0.097	0.103	0.338	3	469651.510	9186984.694	493.918
15019666	Pass	0.101	0.102	0.323	3	469853.508	9187327.507	498.386
15019867	Pass	0.094	0.103	0.316	3	469724.524	9187344.942	512.066
15020449	Pass	0.110	0.113	0.337	3	469961.630	9187453.087	472.314
15020624	Pass	0.101	0.116	0.327	3	469846.131	9187502.766	488.410
15021023	Pass	0.116	0.112	0.336	3	469675.723	9187628.702	491.453
15022089	Pass	0.116	0.180	0.382	3	469761.375	9186256.723	515.967
15022241	Pass	0.115	0.163	0.373	3	469735.693	9186348.283	509.686
15022248	Pass	0.126	0.230	0.562	2	469586.715	9186388.010	552.554
15023234	Pass	0.122	0.210	0.560	2	469604.416	9186451.018	543.472
15024468	Pass	0.098	0.114	0.345	3	469881.783	9186661.346	489.898
15024535	Pass	0.095	0.105	0.342	3	469979.539	9186746.714	478.453
15024627	Pass	0.098	0.112	0.338	3	469834.387	9186698.047	501.832
15025608	Pass	0.096	0.103	0.347	3	469825.445	9186860.990	466.991
15026953	Pass	0.099	0.096	0.323	3	470196.327	9187077.426	497.010
15027114	Pass	0.097	0.104	0.331	3	470159.600	9187190.951	474.656
15027263	Pass	0.093	0.110	0.348	3	470071.757	9187238.664	438.287
15028838	Pass	0.117	0.177	0.339	3	470052.678	9186035.148	570.104
15029000	Pass	0.118	0.149	0.322	3	469948.507	9186224.570	587.800
15029619	Pass	0.103	0.136	0.313	3	470155.838	9186253.423	572.331
15030541	Pass	0.095	0.112	0.305	3	470245.621	9186412.499	553.990
15030729	Pass	0.098	0.111	0.318	3	470109.412	9186489.633	514.468
15031557	Pass	0.091	0.098	0.309	3	470246.329	9186591.830	514.478
15031595	Pass	0.102	0.116	0.553	2	470133.451	9186625.615	490.820

15033790	Pass	0.091	0.089	0.308	3	470466.377	9186841.103	502.701
15033949	Pass	0.088	0.093	0.311	3	470393.605	9186894.437	489.354
15034085	Pass	0.140	0.118	0.572	2	470396.767	9187026.020	458.917
15034758	Pass	0.092	0.098	0.314	3	470500.637	9186995.312	490.104
15035558	Pass	0.117	0.124	0.350	3	470366.472	9187371.010	459.652
15036313	Pass	0.112	0.147	0.328	3	470410.644	9185947.986	511.935
15036476	Pass	0.114	0.142	0.319	3	470339.857	9185997.803	523.601
15036732	Pass	0.128	0.156	0.324	3	470203.824	9185945.509	535.557
15038249	Pass	0.095	0.105	0.306	3	470516.552	9186246.953	509.046
15038257	Pass	0.096	0.104	0.305	3	470476.848	9186271.284	508.408
15038656	Pass	0.105	0.145	0.545	2	470133.567	9186477.735	518.326
15038815	Pass	0.119	0.138	0.548	2	470591.826	9186280.947	509.054
15039656	Pass	0.092	0.089	0.322	3	470730.212	9186387.923	468.244
15041358	Pass	0.090	0.090	0.311	3	470843.523	9186768.277	486.324
15044201	Pass	0.121	0.164	0.377	3	470727.782	9185652.627	486.222
15044223	Pass	0.116	0.146	0.367	3	470717.189	9185753.112	476.033
15044520	Pass	0.130	0.147	0.357	3	470553.110	9185773.731	509.073
15045940	Pass	0.095	0.103	0.346	3	470892.904	9186023.406	456.953
15046850	Pass	0.092	0.092	0.327	3	470830.839	9186165.306	472.869
15047505	Pass	0.089	0.082	0.334	3	471069.606	9186237.890	454.591
15049664	Pass	0.093	0.084	0.312	3	470871.402	9186680.166	488.964
15051931	Pass	0.122	0.169	0.390	3	471013.648	9185436.037	490.789
15051963	Pass	0.111	0.147	0.380	3	471085.310	9185544.743	479.169
15052269	Pass	0.124	0.138	0.374	3	470904.534	9185630.452	486.185
15053672	Pass	0.093	0.101	0.341	3	471230.175	9185830.264	491.073
15054535	Pass	0.087	0.085	0.331	3	471188.027	9186026.354	478.634
15054603	Pass	0.087	0.085	0.328	3	471244.972	9186003.247	486.543
15059565	Pass	0.118	0.158	0.385	3	471327.159	9185305.854	494.838
15059726	Pass	0.120	0.144	0.370	3	471266.930	9185386.377	515.061
15062242	Pass	0.087	0.085	0.327	3	471586.080	9185801.696	493.152
15062313	Pass	0.090	0.087	0.336	3	471437.017	9185810.814	483.669
15062806	Pass	0.087	0.084	0.330	3	471670.912	9185796.436	486.294
15066950	Pass	0.115	0.160	0.368	3	471678.871	9185091.270	539.271
15067107	Pass	0.115	0.138	0.358	3	471620.863	9185227.631	535.756
15067427	Pass	0.108	0.149	0.371	3	471445.554	9185333.667	510.703
15067907	Pass	0.098	0.117	0.336	3	471793.277	9185325.927	535.847
15069642	Pass	0.086	0.084	0.317	3	471900.623	9185619.946	507.619
15070264	Pass	0.088	0.086	0.310	3	472022.709	9185569.152	528.554
15074468	Pass	0.110	0.146	0.333	3	472015.376	9184970.478	595.651
15074637	Pass	0.112	0.141	0.332	3	471978.088	9185002.584	594.074
15076927	Pass	0.084	0.085	0.306	3	472303.545	9185400.429	516.568
15077118	Pass	0.084	0.083	0.296	3	472200.924	9185455.250	537.149
15078087	Pass	0.083	0.080	0.296	3	472175.020	9185532.186	528.741
15078352	Pass	0.084	0.079	0.304	3	471999.205	9185711.555	516.693
15083043	Pass	0.104	0.168	0.346	3	472375.317	9184731.559	582.786
15083202	Pass	0.112	0.157	0.343	3	472291.972	9184794.954	574.800
15083996	Pass	0.089	0.119	0.304	3	472468.465	9184963.851	601.706
15084422	Pass	0.094	0.118	0.320	3	472187.343	9185121.938	561.361
15085639	Pass	0.079	0.085	0.278	3	472632.755	9185213.475	576.273
15085673	Pass	0.084	0.093	0.299	3	472476.751	9185157.968	540.266
15086340	Pass	0.078	0.077	0.271	3	472701.421	9185340.347	559.476

15091605	Pass	0.145	0.158	0.517	2	472702.229	9184646.137	584.015
15107708	Pass	0.096	0.137	0.310	3	473378.630	9184159.043	571.908
15115586	Pass	0.093	0.129	0.302	3	473696.866	9184058.313	593.623
15115615	Pass	0.097	0.125	0.301	3	473629.696	9184089.910	590.968
15117812	Pass	0.078	0.087	0.293	3	473982.417	9184363.957	542.309
15123394	Pass	0.098	0.253	0.593	2	474062.566	9183805.941	522.377
15139545	Pass	0.144	0.156	0.455	3	482694.969	9186778.402	498.114
15139705	Pass	0.154	0.153	0.453	3	482644.822	9186826.375	498.952
15139865	Pass	0.193	0.223	0.707	2	482544.655	9186926.165	500.373
15140025	Pass	0.236	0.219	0.708	2	482414.891	9186980.350	510.540
15140185	Pass	0.258	0.211	0.709	2	482354.736	9187042.444	512.301
15142392	Pass	0.120	0.121	0.441	3	482985.374	9187172.586	448.081
15142557	Pass	0.129	0.125	0.443	3	482934.826	9187226.408	447.085
15142887	Pass	0.168	0.153	0.689	2	482751.523	9187372.527	454.733
15143032	Pass	0.205	0.168	0.696	2	482587.978	9187412.475	467.840
15143098	Pass	0.184	0.161	0.694	2	482686.099	9187420.837	457.970
15145262	Pass	0.141	0.154	0.529	3	483352.080	9187456.423	429.084
15145423	Pass	0.145	0.170	0.488	3	483144.374	9187572.917	474.977
15145743	Pass	0.188	0.209	0.715	2	483050.920	9187699.663	484.554
15145902	Pass	0.196	0.229	0.715	2	482923.578	9187769.664	491.157
15146062	Pass	0.205	0.232	0.712	2	482821.144	9187776.600	495.494
15146209	Pass	0.166	0.203	0.591	3	483462.273	9187624.381	415.400
15151141	Pass	0.135	0.156	0.717	2	483040.171	9187112.082	445.993
15153167	Pass	0.117	0.123	0.406	3	483606.931	9187241.297	426.421
15153327	Pass	0.112	0.128	0.394	3	483478.458	9187298.245	433.315
15153974	Pass	0.134	0.151	0.444	3	483693.870	9187378.748	423.522
15157572	Pass	0.083	0.111	0.300	3	483413.148	9186610.122	437.878
15167693	Pass	0.185	0.102	0.616	2	483945.836	9186973.452	424.766
15172136	Pass	0.070	0.081	0.304	3	484196.591	9186265.778	435.151
15173940	Pass	0.083	0.079	0.318	3	484075.698	9186623.037	439.223
15175598	Pass	0.096	0.092	0.621	2	484800.940	9186688.939	426.225
15175656	Pass	0.099	0.104	0.630	2	484839.133	9186767.016	427.228
15180837	Pass	0.089	0.075	0.303	3	484930.120	9186238.232	431.598
15182437	Pass	0.099	0.092	0.610	2	484974.032	9186600.671	428.573
15190405	Pass	0.064	0.071	0.272	3	484785.654	9185146.350	553.476
15194861	Pass	0.085	0.076	0.311	3	485506.265	9185775.792	439.833
15197502	Pass	0.068	0.071	0.301	3	485120.593	9184853.079	464.925
15197669	Pass	0.070	0.073	0.299	3	484986.223	9184893.327	498.816
15202025	Pass	0.090	0.072	0.332	3	485848.811	9185405.073	442.749
15202147	Pass	0.094	0.088	0.342	3	485842.865	9185594.130	436.826
15202307	Pass	0.076	0.079	0.320	3	485677.977	9185553.584	441.391
15206933	Pass	0.080	0.104	0.284	3	485689.916	9184962.929	536.337
15215138	Pass	0.072	0.077	0.281	3	485657.842	9184428.055	583.918
15223709	Pass	0.072	0.077	0.309	3	486051.773	9184151.161	490.967
15241370	Pass	0.072	0.079	0.284	3	486653.518	9183718.954	562.607
15244198	Pass	0.078	0.070	0.272	3	487357.048	9184278.032	547.805
15247284	Pass	0.074	0.083	0.308	3	487139.865	9183278.245	486.750
15249388	Pass	0.074	0.120	0.309	3	487402.480	9183632.029	471.048
15251125	Pass	0.079	0.071	0.268	3	487725.050	9184081.683	566.423
15254318	Pass	0.075	0.082	0.303	3	487443.356	9183013.220	476.023
15262231	Pass	0.076	0.085	0.315	3	487752.621	9182822.781	474.323

15270429	Pass	0.081	0.088	0.311	3	488027.507	9182603.406	494.545
15278333	Pass	0.089	0.091	0.309	3	488371.727	9182350.593	509.902
15286073	Pass	0.113	0.111	0.534	2	488672.179	9182160.351	554.699
15286520	Pass	0.088	0.091	0.304	3	488419.310	9182361.600	514.294
15293911	Pass	0.119	0.105	0.547	2	488671.972	9182069.185	539.806
15297729	Pass	0.106	0.108	0.363	3	489399.712	9182576.900	546.349
15298423	Pass	0.117	0.114	0.370	3	489487.189	9182586.655	551.719
15298576	Pass	0.148	0.120	0.555	2	489443.131	9182715.636	534.523
15299259	Pass	0.139	0.127	0.383	3	489632.016	9182660.471	579.871
15300967	Pass	0.180	0.214	0.482	3	489194.245	9181600.351	538.119
15301046	Pass	0.172	0.192	0.446	3	489319.452	9181683.664	578.333
15301291	Pass	0.164	0.175	0.454	3	489148.301	9181765.230	551.162
15301948	Pass	0.155	0.160	0.417	3	489307.990	9181836.672	597.981
15303040	Pass	0.136	0.130	0.413	3	489340.072	9182050.263	582.260
15303453	Pass	0.153	0.147	0.413	3	489559.148	9182032.790	609.802
15303750	Pass	0.141	0.134	0.406	3	489507.498	9182111.729	612.509
15304310	Pass	0.157	0.145	0.424	3	489658.835	9182147.861	609.645
15305989	Pass	0.174	0.148	0.433	3	489786.624	9182297.633	650.222
15306130	Pass	0.154	0.140	0.459	3	489688.822	9182450.932	589.202
15306289	Pass	0.162	0.146	0.475	3	489724.747	9182504.957	580.796
15306801	Pass	0.210	0.164	0.484	3	489922.621	9182478.062	621.048
15308361	Pass	0.217	0.311	0.687	2	489579.437	9181469.355	619.328
15308519	Pass	0.216	0.312	0.708	2	489444.415	9181468.317	584.420
15308679	Pass	0.217	0.287	0.719	2	489336.178	9181536.952	559.263
15309173	Pass	0.218	0.290	0.655	2	489683.718	9181529.802	661.867
15309970	Pass	0.214	0.242	0.638	2	489785.856	9181709.048	664.983
15311039	Pass	0.203	0.204	0.631	2	489806.622	9181870.146	660.170
15311059	Pass	0.205	0.205	0.631	2	489816.243	9181866.702	662.303
15311604	Pass	0.237	0.215	0.636	2	489949.910	9181891.251	682.500
15313278	Pass	0.284	0.203	0.661	2	490118.223	9182163.560	690.985
15313438	Pass	0.249	0.191	0.649	2	490021.539	9182155.019	676.550
15314130	Pass	0.309	0.211	0.669	2	490179.422	9182222.266	706.469
15314290	Pass	0.265	0.198	0.661	2	490061.844	9182304.108	685.076
15341257	Pass	0.092	0.080	0.314	3	483502.569	9185519.941	488.193
15367093	Pass	0.089	0.077	0.303	3	484499.206	9184825.593	587.385
15367250	Pass	0.084	0.080	0.307	3	484574.953	9184756.977	560.718
15367909	Pass	0.103	0.089	0.317	3	484416.334	9184726.239	603.068
15375648	Pass	0.098	0.078	0.331	3	484776.347	9184596.469	530.114
15375800	Pass	0.107	0.092	0.355	3	484747.011	9184473.053	498.524
15375961	Pass	0.093	0.090	0.333	3	484876.623	9184450.188	526.218
15384141	Pass	0.100	0.079	0.338	3	485081.765	9184371.417	533.994
15384250	Pass	0.099	0.083	0.335	3	485105.828	9184318.650	537.860
15384408	Pass	0.092	0.088	0.336	3	485192.994	9184249.146	519.611
15386207	Pass	0.072	0.074	0.275	3	485781.360	9184360.663	585.228
15390581	Pass	0.084	0.074	0.316	3	485509.340	9184286.468	545.077
15392223	Pass	0.113	0.090	0.355	3	485326.594	9184054.980	543.571
15392303	Pass	0.113	0.095	0.356	3	485338.412	9184012.017	545.301
15392468	Pass	0.103	0.099	0.353	3	485425.686	9183957.461	540.946
15397943	Pass	0.074	0.075	0.316	3	486135.106	9184106.061	474.573
15398317	Pass	0.080	0.077	0.326	3	485846.972	9184117.436	504.343
15399922	Pass	0.107	0.089	0.356	3	485666.525	9183846.439	531.409

15400069	Pass	0.104	0.100	0.353	3	485723.025	9183732.164	543.547
15400228	Pass	0.105	0.102	0.354	3	485726.069	9183715.036	545.194
15407622	Pass	0.109	0.089	0.327	3	485950.615	9183609.050	556.266
15407770	Pass	0.105	0.092	0.324	3	485995.703	9183556.916	563.719
15407929	Pass	0.098	0.094	0.315	3	486073.035	9183522.930	586.212
15411039	Pass	0.078	0.121	0.320	3	486838.537	9184096.470	469.568
15413073	Pass	0.072	0.083	0.288	3	486566.069	9183762.426	567.999
15413300	Pass	0.075	0.074	0.292	3	486717.814	9183597.638	548.861
15415446	Pass	0.118	0.097	0.349	3	486220.900	9183323.673	594.730
15415538	Pass	0.101	0.086	0.320	3	486320.874	9183416.761	617.895
15415705	Pass	0.104	0.103	0.356	3	486361.714	9183226.883	549.283
15422873	Pass	0.106	0.090	0.343	3	486588.772	9183163.507	534.112
15423033	Pass	0.106	0.102	0.347	3	486626.287	9183039.528	541.666
15423193	Pass	0.099	0.105	0.341	3	486719.150	9182987.780	552.239
15430253	Pass	0.104	0.089	0.333	3	486893.629	9182960.273	551.588
15430407	Pass	0.111	0.106	0.345	3	486895.532	9182804.026	554.890
15430519	Pass	0.105	0.103	0.341	3	486943.102	9182811.480	545.427
15437580	Pass	0.108	0.092	0.328	3	487188.496	9182702.259	552.115
15437731	Pass	0.114	0.107	0.342	3	487192.896	9182565.654	558.928
15437891	Pass	0.110	0.110	0.344	3	487245.690	9182527.336	552.228
15444949	Pass	0.119	0.103	0.360	3	487443.090	9182399.390	523.887
15445110	Pass	0.116	0.104	0.359	3	487472.195	9182389.567	516.603
15445270	Pass	0.110	0.111	0.364	3	487555.727	9182311.292	496.596
15452738	Pass	0.125	0.107	0.381	3	487725.337	9182176.815	480.408
15452897	Pass	0.107	0.100	0.350	3	487898.919	9182180.605	495.454
15453058	Pass	0.107	0.106	0.353	3	487952.435	9182121.790	494.771
15460245	Pass	0.138	0.119	0.405	3	488002.660	9181930.636	490.606
15460399	Pass	0.130	0.123	0.392	3	488114.039	9181875.820	496.936
15460555	Pass	0.128	0.127	0.389	3	488175.481	9181831.881	504.114
15467831	Pass	0.153	0.147	0.621	2	488324.295	9181745.142	523.201
15467991	Pass	0.154	0.177	0.633	2	488368.760	9181636.924	529.589
15468151	Pass	0.140	0.158	0.603	2	488527.184	9181683.958	551.497
15472018	Pass	0.317	0.262	0.752	2	471993.015	9185061.367	584.653
15472196	Pass	0.264	0.272	0.734	2	472137.559	9185127.139	573.722
15472355	Pass	0.215	0.254	0.744	2	472280.845	9185088.679	529.638
15472543	Pass	0.183	0.153	0.461	3	472376.649	9185079.340	558.969
15472670	Pass	0.164	0.173	0.472	3	472492.533	9185163.588	549.760
15472825	Pass	0.136	0.182	0.459	3	472625.179	9185198.155	580.218
15473669	Pass	0.270	0.167	0.723	2	472055.034	9184667.989	582.851
15473842	Pass	0.221	0.153	0.691	2	472182.324	9184682.627	583.884
15474004	Pass	0.164	0.139	0.665	2	472370.478	9184717.835	586.146
15474505	Pass	0.274	0.164	0.765	2	472061.289	9184568.190	550.399
15475041	Pass	0.144	0.107	0.390	3	472460.594	9184728.216	589.989
15475379	Pass	0.268	0.173	0.780	2	472083.058	9184437.022	551.002
15477264	Pass	0.260	0.273	0.809	2	472162.636	9184077.844	601.163
15477265	Pass	0.258	0.240	0.794	2	472145.620	9184164.004	590.388
15477266	Pass	0.259	0.237	0.793	2	472142.690	9184173.472	588.201
15477768	Pass	0.147	0.145	0.404	3	472528.784	9184243.124	611.582
15477931	Pass	0.135	0.149	0.405	3	472657.264	9184189.721	608.289
15478088	Pass	0.122	0.138	0.403	3	472773.670	9184229.419	594.315
15484805	Pass	0.110	0.110	0.334	3	472887.300	9184336.148	561.566

15484959	Pass	0.107	0.109	0.334	3	472924.568	9184337.509	555.986
15512704	Pass	0.077	0.080	0.297	3	474181.777	9184366.954	509.101
15516760	Pass	0.090	0.143	0.355	3	474236.846	9185506.226	490.801
15517039	Pass	0.085	0.143	0.353	3	474302.838	9185510.754	487.576
15517169	Pass	0.077	0.126	0.344	3	474447.538	9185424.553	481.021
15552487	Pass	0.101	0.144	0.373	3	475757.402	9185647.300	448.090
15552581	Pass	0.101	0.158	0.380	3	475793.564	9185718.027	445.902
15560622	Pass	0.181	0.221	0.661	2	475787.316	9185690.696	446.291
15560842	Pass	0.110	0.149	0.383	3	476087.875	9185720.088	446.597
15560998	Pass	0.105	0.153	0.380	3	476158.967	9185752.121	446.579
15561154	Pass	0.097	0.155	0.381	3	476337.039	9185776.004	438.698
15562290	Pass	0.164	0.108	0.619	2	476184.838	9185386.992	445.313
15569033	Pass	0.115	0.150	0.367	3	476497.507	9185809.324	434.082
15569193	Pass	0.118	0.170	0.374	3	476528.859	9185907.319	439.669
15569353	Pass	0.104	0.147	0.361	3	476714.132	9185810.170	435.759
15570898	Pass	0.089	0.094	0.328	3	476726.942	9185478.936	442.166
15571148	Pass	0.095	0.088	0.331	3	476540.410	9185411.845	438.757
15571299	Pass	0.091	0.092	0.329	3	476630.217	9185453.483	439.251
15575863	Pass	0.125	0.165	0.404	3	476849.647	9185906.314	438.540
15576025	Pass	0.121	0.182	0.410	3	476943.040	9185988.691	438.054
15576184	Pass	0.158	0.260	0.674	2	477069.948	9185991.705	437.322
15577443	Pass	0.098	0.096	0.354	3	476950.503	9185516.885	445.393
15577628	Pass	0.098	0.096	0.353	3	476957.999	9185520.553	448.978
15578341	Pass	0.089	0.090	0.342	3	477184.068	9185466.384	455.043
15582609	Pass	0.125	0.170	0.437	3	477243.114	9185952.616	437.991
15582772	Pass	0.119	0.169	0.433	3	477314.784	9185954.494	438.283
15582932	Pass	0.117	0.185	0.441	3	477407.550	9186028.447	435.985
15584094	Pass	0.102	0.101	0.383	3	477314.676	9185580.576	451.454
15584272	Pass	0.096	0.103	0.377	3	477439.538	9185601.217	453.664
15584475	Pass	0.095	0.104	0.375	3	477494.329	9185604.962	457.541
15587298	Pass	0.081	0.097	0.327	3	477399.402	9185025.337	501.793
15589738	Pass	0.127	0.173	0.449	3	477635.426	9186019.791	437.357
15589898	Pass	0.127	0.186	0.455	3	477669.393	9186077.673	435.862
15590063	Pass	0.112	0.168	0.443	3	477868.914	9186013.961	430.536
15591577	Pass	0.098	0.108	0.398	3	477923.924	9185681.696	437.177
15592023	Pass	0.100	0.090	0.383	3	477691.175	9185490.026	457.004
15592180	Pass	0.096	0.097	0.388	3	477827.630	9185585.233	441.810
15596166	Pass	0.079	0.100	0.341	3	477801.204	9184747.508	492.741
15596943	Pass	0.126	0.162	0.433	3	478021.144	9186044.213	437.684
15597096	Pass	0.126	0.174	0.439	3	478047.541	9186101.920	435.147
15597254	Pass	0.119	0.177	0.438	3	478143.892	9186127.418	433.101
15598513	Pass	0.110	0.104	0.387	3	478026.523	9185697.418	461.029
15598787	Pass	0.105	0.104	0.375	3	478092.765	9185707.411	476.693
15598873	Pass	0.097	0.106	0.371	3	478260.437	9185734.789	473.322
15599396	Pass	0.175	0.098	0.631	2	478053.919	9185542.055	467.606
15604176	Pass	0.134	0.185	0.447	3	478351.684	9186210.648	429.110
15604331	Pass	0.114	0.173	0.428	3	478507.316	9186175.273	437.478
15604496	Pass	0.109	0.168	0.421	3	478555.508	9186153.634	443.544
15605599	Pass	0.143	0.120	0.614	2	478197.247	9185720.813	476.204
15606069	Pass	0.102	0.103	0.385	3	478480.986	9185772.857	438.240
15606693	Pass	0.108	0.100	0.385	3	478404.845	9185731.279	445.418

15607013	Pass	0.091	0.101	0.378	3	478646.862	9185764.748	437.908
15609212	Pass	0.141	0.144	0.621	2	478532.465	9185224.780	464.912
15611612	Pass	0.119	0.172	0.425	3	478738.200	9186222.589	448.130
15611772	Pass	0.113	0.168	0.418	3	478781.841	9186213.066	450.168
15611933	Pass	0.097	0.152	0.398	3	478912.999	9186154.004	456.672
15613457	Pass	0.091	0.098	0.364	3	478884.530	9185814.457	456.940
15613970	Pass	0.100	0.097	0.378	3	478788.583	9185782.125	442.854
15618898	Pass	0.102	0.212	0.624	2	479136.676	9186173.420	470.443
15619055	Pass	0.098	0.165	0.397	3	479218.277	9186315.456	463.563
15619217	Pass	0.087	0.144	0.379	3	479342.239	9186216.478	463.976
15622862	Pass	0.099	0.120	0.587	2	479093.000	9185350.023	460.630
15622927	Pass	0.081	0.090	0.317	3	479293.381	9185381.548	466.176
15623234	Pass	0.078	0.087	0.314	3	479374.190	9185414.824	465.951
15623936	Pass	0.096	0.108	0.573	2	479398.597	9185399.555	470.462
15626191	Pass	0.099	0.139	0.374	3	479514.351	9186249.875	468.459
15626350	Pass	0.088	0.137	0.362	3	479635.430	9186251.718	473.933
15626509	Pass	0.090	0.162	0.380	3	479649.481	9186377.689	471.267
15628009	Pass	0.134	0.101	0.577	2	479665.275	9185922.605	483.660
15628673	Pass	0.082	0.080	0.308	3	479609.991	9185767.057	494.256
15630515	Pass	0.075	0.087	0.286	3	479755.545	9185469.048	504.741
15631662	Pass	0.075	0.086	0.289	3	479888.319	9185487.150	495.743
15633644	Pass	0.102	0.147	0.360	3	479875.030	9186402.832	464.327
15633802	Pass	0.095	0.139	0.353	3	479941.945	9186371.517	461.056
15633961	Pass	0.086	0.136	0.353	3	480105.742	9186360.470	450.937
15634959	Pass	0.164	0.102	0.590	2	479552.494	9185917.569	485.391
15635250	Pass	0.163	0.121	0.596	2	479941.019	9186100.795	472.050
15635517	Pass	0.128	0.111	0.590	2	480071.863	9186061.772	459.348
15636068	Pass	0.086	0.083	0.313	3	479926.757	9185944.327	483.159
15637904	Pass	0.074	0.089	0.310	3	480134.957	9185546.040	463.184
15638125	Pass	0.074	0.089	0.311	3	480160.967	9185544.230	461.437
15638882	Pass	0.074	0.089	0.314	3	480229.508	9185544.264	458.160
15640225	Pass	0.104	0.130	0.390	3	480233.997	9186344.543	445.379
15640386	Pass	0.099	0.138	0.393	3	480302.333	9186394.098	444.245
15640426	Pass	0.096	0.154	0.405	3	480402.541	9186476.103	440.961
15641450	Pass	0.085	0.105	0.366	3	480444.762	9186206.244	445.732
15641822	Pass	0.163	0.094	0.626	2	480309.717	9186019.524	446.133
15641824	Pass	0.092	0.099	0.364	3	480293.880	9186152.368	445.475
15641976	Pass	0.086	0.097	0.360	3	480374.073	9186145.110	444.454
15642951	Pass	0.103	0.093	0.598	2	480562.648	9186031.299	449.688
15646708	Pass	0.111	0.172	0.423	3	480629.151	9186606.183	434.468
15646869	Pass	0.103	0.165	0.414	3	480712.603	9186583.682	433.718
15647028	Pass	0.100	0.166	0.412	3	480768.918	9186592.525	436.520
15648113	Pass	0.134	0.108	0.616	2	480424.611	9186113.242	444.599
15648372	Pass	0.087	0.093	0.359	3	480746.869	9186168.903	445.874
15648634	Pass	0.084	0.094	0.355	3	480839.474	9186178.733	449.490
15649017	Pass	0.093	0.091	0.365	3	480655.383	9186139.727	443.726
15653888	Pass	0.115	0.156	0.410	3	481000.811	9186594.612	445.798
15654050	Pass	0.108	0.154	0.404	3	481083.923	9186597.077	443.366
15654213	Pass	0.106	0.166	0.409	3	481205.527	9186661.046	439.927
15655627	Pass	0.090	0.096	0.342	3	481168.810	9186248.222	473.948
15656265	Pass	0.097	0.092	0.350	3	481032.188	9186208.313	473.393

15656590	Pass	0.088	0.094	0.336	3	481256.728	9186232.731	477.032
15661312	Pass	0.120	0.164	0.414	3	481390.107	9186670.211	456.423
15661464	Pass	0.119	0.179	0.417	3	481444.369	9186742.370	461.311
15661624	Pass	0.112	0.179	0.413	3	481551.407	9186751.839	459.187
15663091	Pass	0.098	0.101	0.367	3	481465.081	9186308.396	456.226
15663293	Pass	0.092	0.104	0.352	3	481661.078	9186340.183	467.942
15663691	Pass	0.099	0.101	0.369	3	481452.201	9186306.206	454.935
15668813	Pass	0.126	0.265	0.642	2	481752.953	9186804.853	481.608
15668974	Pass	0.119	0.164	0.402	3	481787.143	9186722.616	480.650
15669133	Pass	0.110	0.165	0.392	3	481908.074	9186736.434	492.985
15670614	Pass	0.097	0.105	0.366	3	481883.061	9186378.222	463.506
15671247	Pass	0.099	0.098	0.361	3	481814.945	9186307.833	472.182
15671567	Pass	0.090	0.099	0.357	3	481996.375	9186325.915	464.639
15678147	Pass	0.126	0.184	0.411	3	482109.495	9186843.513	502.026
15678306	Pass	0.115	0.169	0.401	3	482175.892	9186787.252	495.571
15679585	Pass	0.148	0.119	0.621	2	481916.336	9186374.289	465.820
15680568	Pass	0.097	0.103	0.366	3	482212.784	9186399.112	476.574
15689392	Pass	0.111	0.152	0.361	3	482517.278	9186833.885	513.628
15694623	Pass	0.075	0.126	0.299	3	482852.967	9185698.361	532.094
15705125	Pass	0.104	0.145	0.633	2	483222.372	9185682.699	469.129
15718038	Pass	0.105	0.159	0.358	3	483634.570	9187126.407	423.220
15718337	Pass	0.092	0.140	0.344	3	483756.189	9187036.062	425.534
15718344	Pass	0.087	0.139	0.344	3	483892.174	9187044.460	425.824
15726853	Pass	0.082	0.090	0.326	3	484169.848	9186752.401	425.517
15732954	Pass	0.109	0.156	0.415	3	484386.793	9187129.305	423.430
15733051	Pass	0.106	0.161	0.416	3	484497.342	9187161.078	423.410
15733097	Pass	0.107	0.168	0.421	3	484531.437	9187192.987	424.183
15736252	Pass	0.140	0.165	0.609	2	484508.139	9186177.365	439.633
15739229	Pass	0.140	0.292	0.740	2	484674.523	9187310.337	419.161
15739389	Pass	0.132	0.285	0.736	2	484803.252	9187303.160	425.541
15739549	Pass	0.153	0.289	0.748	2	484986.056	9187319.037	426.486
15748726	Pass	0.150	0.263	0.631	2	474182.881	9183218.987	616.453
15749023	Pass	0.148	0.213	0.469	3	474054.532	9183208.642	633.394
15749190	Pass	0.158	0.245	0.660	2	473909.216	9183251.001	616.383
15749656	Pass	0.137	0.168	0.438	3	474177.584	9183381.347	604.339
15749780	Pass	0.130	0.157	0.422	3	474055.702	9183418.478	602.517
15750080	Pass	0.148	0.202	0.631	2	473884.360	9183362.006	619.017
15751433	Pass	0.109	0.109	0.380	3	474127.494	9183731.593	526.845
15751550	Pass	0.111	0.114	0.367	3	473993.163	9183677.535	578.604
15751854	Pass	0.129	0.137	0.589	2	473802.205	9183583.957	602.249
15752159	Pass	0.146	0.136	0.577	2	473606.043	9183607.431	615.939
15752384	Pass	0.105	0.104	0.370	3	474128.602	9183786.281	528.088
15752570	Pass	0.105	0.106	0.355	3	473936.566	9183780.340	556.433
15757353	Pass	0.216	0.285	0.722	2	474555.471	9183221.023	539.924
15757512	Pass	0.183	0.278	0.682	2	474428.447	9183208.494	563.510
15770636	Pass	0.117	0.162	0.392	3	475655.008	9183492.930	597.966
15770760	Pass	0.111	0.164	0.389	3	475556.365	9183477.239	604.334
15770795	Pass	0.109	0.161	0.384	3	475478.577	9183486.469	610.752
15770848	Pass	0.167	0.219	0.619	2	475577.485	9183478.672	603.232
15771102	Pass	0.126	0.251	0.641	2	475276.020	9183369.239	561.913
15772068	Pass	0.118	0.195	0.594	2	475263.628	9183517.976	599.451

15772352	Pass	0.123	0.170	0.588	2	475102.687	9183583.331	589.088
15773340	Pass	0.092	0.088	0.328	3	475593.869	9183906.274	544.410
15773494	Pass	0.122	0.099	0.570	2	475446.012	9183868.976	555.618
15773991	Pass	0.105	0.108	0.548	2	475160.584	9183816.662	606.445
15774300	Pass	0.087	0.083	0.321	3	475526.321	9183957.963	533.228
15775064	Pass	0.107	0.094	0.543	2	475085.864	9183914.963	589.854
15775763	Pass	0.089	0.096	0.544	2	475166.592	9184117.281	558.242
15776748	Pass	0.090	0.117	0.554	2	475101.176	9184237.518	529.129
15779692	Pass	0.112	0.173	0.377	3	475962.073	9183473.592	595.627
15787659	Pass	0.114	0.229	0.626	2	476383.971	9183594.589	541.647
15787883	Pass	0.099	0.149	0.379	3	476164.731	9183608.500	553.089
15796248	Pass	0.076	0.075	0.316	3	476608.075	9184351.126	477.673
15800046	Pass	0.110	0.161	0.408	3	476707.467	9183615.736	501.421
15800107	Pass	0.110	0.211	0.624	2	476744.445	9183697.556	506.126
15806564	Pass	0.122	0.166	0.400	3	477130.226	9183659.824	501.946
15806726	Pass	0.150	0.246	0.643	2	476926.236	9183617.826	514.501
15806745	Pass	0.109	0.167	0.390	3	477003.316	9183640.721	512.160
15808943	Pass	0.089	0.087	0.319	3	477009.554	9184072.506	532.308
15809144	Pass	0.081	0.085	0.321	3	476876.572	9184086.930	510.428
15809700	Pass	0.083	0.075	0.311	3	477006.602	9184253.375	511.693
15814598	Pass	0.113	0.135	0.313	3	477433.440	9183826.864	601.436
15814741	Pass	0.102	0.137	0.320	3	477288.321	9183800.439	559.361
15815366	Pass	0.106	0.122	0.305	3	477393.301	9183892.821	596.886
15815551	Pass	0.100	0.130	0.313	3	477271.598	9183832.034	574.954
15817735	Pass	0.084	0.078	0.296	3	477319.674	9184294.451	515.426
15817769	Pass	0.081	0.077	0.297	3	477319.019	9184390.047	507.017
15822936	Pass	0.120	0.156	0.381	3	477817.612	9183878.503	562.744
15823670	Pass	0.112	0.139	0.375	3	477777.511	9183955.868	543.331
15823835	Pass	0.100	0.126	0.365	3	477656.910	9184007.476	530.011
15824420	Pass	0.111	0.123	0.374	3	477811.495	9184051.980	528.148
15825309	Pass	0.096	0.094	0.346	3	477738.297	9184256.944	519.988
15825511	Pass	0.089	0.090	0.346	3	477663.845	9184292.451	502.005
15826077	Pass	0.092	0.088	0.335	3	477731.277	9184359.175	523.947
15826150	Pass	0.083	0.084	0.337	3	477593.212	9184377.155	500.653
15830305	Pass	0.109	0.160	0.384	3	477974.223	9183930.640	570.504
15832724	Pass	0.128	0.115	0.573	2	477939.777	9184247.474	548.009
15832782	Pass	0.093	0.104	0.345	3	477945.992	9184254.150	550.585
15833370	Pass	0.097	0.094	0.332	3	478095.328	9184432.059	558.610
15833560	Pass	0.086	0.090	0.327	3	477939.650	9184463.788	545.328
15838328	Pass	0.134	0.188	0.406	3	478511.614	9183917.559	602.681
15838525	Pass	0.118	0.171	0.380	3	478362.559	9183962.979	619.964
15838862	Pass	0.127	0.180	0.399	3	478129.257	9183861.519	575.811
15838966	Pass	0.179	0.229	0.604	2	478078.676	9183878.185	589.557
15840723	Pass	0.103	0.104	0.346	3	478433.465	9184391.547	564.717
15841052	Pass	0.092	0.099	0.347	3	478241.171	9184428.494	537.736
15846660	Pass	0.142	0.191	0.437	3	478877.378	9184004.584	555.828
15846722	Pass	0.129	0.195	0.430	3	478746.678	9183974.267	560.057
15846734	Pass	0.131	0.200	0.431	3	478755.186	9183955.488	567.767
15849151	Pass	0.106	0.103	0.363	3	478790.486	9184495.184	528.843
15849228	Pass	0.098	0.106	0.345	3	478612.578	9184437.805	565.013
15854791	Pass	0.134	0.170	0.404	3	479186.016	9184131.877	538.165

15854952	Pass	0.174	0.247	0.646	2	479057.838	9184038.059	536.399
15857311	Pass	0.107	0.102	0.366	3	479148.293	9184560.327	486.959
15857595	Pass	0.098	0.100	0.341	3	478973.335	9184561.705	523.875
15861983	Pass	0.079	0.088	0.330	3	479103.641	9185371.345	460.115
15863220	Pass	0.138	0.184	0.390	3	479523.067	9184138.678	539.156
15863449	Pass	0.136	0.202	0.402	3	479447.166	9184063.280	534.721
15871486	Pass	0.138	0.167	0.355	3	479910.190	9184211.946	539.643
15871625	Pass	0.132	0.174	0.351	3	479778.304	9184171.820	553.645
15871919	Pass	0.137	0.169	0.381	3	479552.045	9184199.753	539.941
15880132	Pass	0.141	0.188	0.414	3	480317.342	9184228.536	523.255
15880261	Pass	0.132	0.195	0.403	3	480153.235	9184181.291	533.425
15882547	Pass	0.102	0.098	0.348	3	480178.767	9184727.033	484.187
15882879	Pass	0.103	0.108	0.350	3	480006.433	9184613.681	490.377
15883363	Pass	0.096	0.089	0.340	3	480227.644	9184938.843	475.295
15888612	Pass	0.125	0.172	0.429	3	480597.692	9184377.257	508.643
15888652	Pass	0.131	0.180	0.440	3	480652.684	9184352.153	507.396
15888697	Pass	0.121	0.183	0.436	3	480495.964	9184323.398	503.007
15891105	Pass	0.103	0.099	0.361	3	480596.100	9184785.163	523.942
15891219	Pass	0.096	0.101	0.371	3	480430.266	9184761.489	489.089
15891821	Pass	0.097	0.091	0.344	3	480568.823	9184893.201	530.670
15896524	Pass	0.145	0.208	0.476	3	481014.984	9184341.711	527.516
15896666	Pass	0.131	0.213	0.480	3	480891.905	9184321.468	519.224
15896826	Pass	0.122	0.212	0.481	3	480784.573	9184323.220	519.325
15899254	Pass	0.098	0.110	0.382	3	480748.017	9184750.732	538.191
15899745	Pass	0.092	0.087	0.343	3	480853.135	9185008.211	536.173
15900550	Pass	0.091	0.087	0.344	3	480906.545	9185124.984	516.387
15904989	Pass	0.135	0.259	0.637	2	481342.691	9184419.264	555.830
15905275	Pass	0.168	0.272	0.691	2	481132.162	9184370.658	532.584
15905771	Pass	0.126	0.201	0.610	2	481354.871	9184572.507	560.093
15907573	Pass	0.098	0.091	0.322	3	481187.470	9184909.376	585.788
15907708	Pass	0.095	0.093	0.329	3	481063.118	9184895.370	561.576
15908262	Pass	0.092	0.083	0.320	3	481240.155	9185112.163	568.202
15913402	Pass	0.131	0.183	0.412	3	481702.503	9184493.215	571.524
15913419	Pass	0.125	0.171	0.405	3	481660.867	9184532.013	560.326
15913559	Pass	0.117	0.169	0.402	3	481527.753	9184529.314	553.453
15915883	Pass	0.105	0.098	0.334	3	481657.203	9184918.674	584.813
15916101	Pass	0.096	0.097	0.326	3	481488.040	9184905.732	589.673
15922213	Pass	0.120	0.169	0.417	3	481965.508	9184589.094	530.483
15922278	Pass	0.117	0.167	0.402	3	481913.519	9184588.893	554.715
15922902	Pass	0.118	0.146	0.387	3	482005.293	9184690.233	565.222
15924506	Pass	0.102	0.096	0.324	3	481984.265	9185003.784	615.404
15924514	Pass	0.101	0.094	0.320	3	481976.470	9185024.833	617.028
15925346	Pass	0.093	0.086	0.312	3	481910.079	9185124.895	598.901
15930540	Pass	0.137	0.272	0.685	2	482493.053	9184581.889	494.313
15930795	Pass	0.124	0.192	0.451	3	482374.961	9184574.922	510.220
15930854	Pass	0.118	0.192	0.440	3	482289.770	9184560.242	519.557
15933045	Pass	0.097	0.098	0.335	3	482288.242	9185058.836	599.075
15939181	Pass	0.127	0.192	0.451	3	482811.774	9184636.947	502.854
15939439	Pass	0.115	0.188	0.444	3	482670.435	9184637.523	492.491
15939501	Pass	0.113	0.194	0.446	3	482614.842	9184609.292	493.209
15941307	Pass	0.103	0.105	0.363	3	482349.727	9185005.832	562.097

15941643	Pass	0.094	0.095	0.359	3	482677.775	9185160.641	534.299
15941664	Pass	0.093	0.095	0.354	3	482647.249	9185160.133	537.337
15947687	Pass	0.121	0.176	0.410	3	483155.231	9184730.959	549.384
15947736	Pass	0.104	0.165	0.409	3	482961.235	9184766.009	517.791
15947744	Pass	0.111	0.180	0.413	3	483025.884	9184703.078	536.384
15949445	Pass	0.091	0.110	0.384	3	482876.660	9185065.239	477.611
15949965	Pass	0.099	0.104	0.387	3	483090.906	9185113.985	479.023
15949979	Pass	0.174	0.097	0.668	2	483095.936	9185262.780	472.378
15950139	Pass	0.088	0.094	0.367	3	482958.411	9185203.249	484.268
15950434	Pass	0.168	0.100	0.625	2	482727.836	9185197.686	538.333
15956079	Pass	0.113	0.237	0.603	2	483520.668	9184781.612	555.511
15956197	Pass	0.100	0.154	0.369	3	483348.328	9184819.234	566.305
15956918	Pass	0.107	0.141	0.381	3	483514.206	9184894.953	542.008
15958057	Pass	0.087	0.103	0.367	3	483198.673	9185122.496	483.642
15958496	Pass	0.086	0.085	0.338	3	483393.622	9185269.218	523.627
15958659	Pass	0.083	0.084	0.349	3	483323.959	9185295.718	488.606
15964854	Pass	0.092	0.127	0.331	3	483781.033	9184929.360	566.436
15964973	Pass	0.091	0.128	0.335	3	483745.055	9184921.654	553.126
15966484	Pass	0.079	0.078	0.303	3	483737.727	9185300.118	542.111
15966855	Pass	0.077	0.081	0.303	3	483590.392	9185281.239	538.019
15996532	Pass	0.194	0.211	0.653	2	485298.086	9185094.115	458.269
15996789	Pass	0.150	0.217	0.635	2	485171.080	9185059.897	459.256
15996857	Pass	0.110	0.211	0.601	2	485037.066	9185056.050	498.623
15998970	Pass	0.151	0.077	0.613	2	485199.739	9185560.884	458.605
15999206	Pass	0.106	0.076	0.599	2	485041.772	9185558.100	459.633
16022732	Pass	0.129	0.136	0.590	2	473867.180	9183588.571	601.913
16026428	Pass	0.162	0.259	0.660	2	473806.909	9183212.233	633.793
16028681	Pass	0.117	0.115	0.571	2	473780.808	9183731.879	587.908
16055470	Pass	0.115	0.104	0.548	2	475059.108	9183841.385	597.008
16100138	Pass	0.106	0.142	0.394	3	476710.004	9183699.590	501.588
16116726	Pass	0.113	0.140	0.364	3	478091.323	9184035.003	585.886
16124093	Pass	0.125	0.155	0.377	3	478494.371	9184055.005	613.349
16139694	Pass	0.101	0.109	0.346	3	478362.542	9184326.136	570.739
16142094	Pass	0.128	0.152	0.395	3	479179.942	9184217.104	525.835
16143893	Pass	0.099	0.099	0.342	3	479029.506	9184581.855	516.840
16148309	Pass	0.105	0.106	0.364	3	478760.357	9184450.289	533.738
16175776	Pass	0.134	0.155	0.348	3	479910.585	9184272.381	535.798
16185512	Pass	0.127	0.163	0.388	3	480213.162	9184321.603	523.214
16220528	Pass	0.096	0.087	0.323	3	481610.271	9185036.113	561.734
16220548	Pass	0.088	0.087	0.318	3	482227.873	9185242.474	587.526
16228572	Pass	0.094	0.109	0.359	3	482527.513	9185020.682	544.976
16300085	Pass	0.390	0.229	0.829	2	446940.520	9209575.737	511.924
16300157	Pass	0.366	0.223	0.807	2	446985.678	9209575.787	522.668
16300316	Pass	0.300	0.227	0.792	2	447144.808	9209666.203	503.111
16300475	Pass	0.271	0.230	0.781	2	447219.505	9209703.817	503.555
16300646	Pass	0.194	0.155	0.458	3	447334.146	9209786.522	519.248
16300795	Pass	0.174	0.148	0.443	3	447427.300	9209807.550	527.907
16300955	Pass	0.169	0.155	0.442	3	447465.184	9209893.646	537.537
16301115	Pass	0.324	0.191	0.770	2	447069.219	9209407.568	548.413
16301633	Pass	0.245	0.154	0.644	2	447404.167	9209707.181	514.475
16302114	Pass	0.284	0.178	0.750	2	447177.149	9209256.444	558.372

16302313	Pass	0.213	0.155	0.742	2	447378.683	9209304.411	527.445
16302481	Pass	0.197	0.150	0.734	2	447426.876	9209336.947	529.799
16302690	Pass	0.142	0.122	0.425	3	447602.063	9209455.136	506.328
16303108	Pass	0.256	0.185	0.753	2	447275.634	9209119.297	550.911
16303113	Pass	0.256	0.187	0.751	2	447276.013	9209108.847	555.074
16303793	Pass	0.120	0.110	0.418	3	447762.351	9209449.520	498.069
16303953	Pass	0.118	0.109	0.418	3	447785.901	9209449.819	495.657
16304125	Pass	0.233	0.209	0.748	2	447377.218	9208969.844	565.531
16306110	Pass	0.212	0.291	0.770	2	447568.559	9208699.167	579.883
16306285	Pass	0.187	0.233	0.736	2	447625.759	9208838.529	582.162
16306445	Pass	0.166	0.210	0.723	2	447838.496	9208887.159	579.408
16306608	Pass	0.142	0.152	0.426	3	447867.802	9209006.674	564.526
16306765	Pass	0.134	0.148	0.429	3	448046.583	9209017.126	557.087
16306925	Pass	0.126	0.133	0.424	3	448026.919	9209103.559	535.362
16309359	Pass	0.140	0.113	0.364	3	447675.517	9209896.333	536.776
16309363	Pass	0.140	0.114	0.363	3	447678.525	9209909.388	538.940
16309513	Pass	0.144	0.128	0.374	3	447692.801	9210062.666	531.002
16309673	Pass	0.136	0.134	0.382	3	447768.403	9210131.441	509.597
16311011	Pass	0.111	0.095	0.358	3	447872.905	9209646.110	494.293
16311132	Pass	0.107	0.094	0.357	3	447904.327	9209668.385	489.333
16311396	Pass	0.087	0.090	0.351	3	448080.612	9209784.724	489.548
16311444	Pass	0.188	0.133	0.630	2	447606.679	9209350.763	516.257
16312535	Pass	0.107	0.100	0.358	3	447985.403	9209420.909	505.376
16313921	Pass	0.135	0.171	0.613	2	447958.842	9209085.229	544.599
16314157	Pass	0.109	0.121	0.368	3	448138.357	9209216.490	524.517
16314307	Pass	0.106	0.122	0.370	3	448273.737	9209208.325	531.331
16314466	Pass	0.097	0.102	0.374	3	448370.689	9209372.599	486.373
16314966	Pass	0.115	0.144	0.381	3	448277.293	9209084.253	552.484
16316709	Pass	0.146	0.114	0.373	3	447904.097	9210235.839	490.048
16316754	Pass	0.123	0.101	0.360	3	448012.090	9210145.437	481.172
16316869	Pass	0.118	0.113	0.354	3	448069.592	9210261.963	499.936
16317115	Pass	0.103	0.113	0.359	3	448183.288	9210274.858	474.842
16318566	Pass	0.078	0.082	0.348	3	448378.208	9209997.615	457.481
16319037	Pass	0.086	0.079	0.351	3	448289.212	9209779.714	462.847
16319141	Pass	0.087	0.081	0.353	3	448288.148	9209729.736	464.303
16319196	Pass	0.083	0.078	0.345	3	448322.576	9209790.424	471.983
16321480	Pass	0.087	0.112	0.370	3	448483.844	9209419.764	495.876
16321632	Pass	0.084	0.102	0.359	3	448610.916	9209503.457	508.005
16321793	Pass	0.086	0.098	0.365	3	448685.385	9209549.194	493.129
16322337	Pass	0.091	0.131	0.373	3	448583.436	9209316.092	537.043
16325159	Pass	0.123	0.106	0.342	3	448277.448	9210463.004	477.176
16325292	Pass	0.115	0.103	0.341	3	448328.209	9210444.394	466.305
16329170	Pass	0.077	0.097	0.328	3	448783.816	9209673.831	521.877
16329332	Pass	0.076	0.094	0.325	3	448835.587	9209704.039	518.871
16329490	Pass	0.081	0.088	0.319	3	449035.210	9209784.515	540.394
16387092	Pass	0.129	0.108	0.367	3	450440.005	9212001.477	433.778
16387250	Pass	0.107	0.127	0.355	3	450594.656	9212149.032	456.643
16387410	Pass	0.097	0.116	0.353	3	450661.265	9212084.880	445.861
16391446	Pass	0.068	0.080	0.299	3	451165.118	9211264.459	598.652
16391607	Pass	0.073	0.132	0.577	2	451190.513	9211335.245	561.886
16393733	Pass	0.114	0.102	0.363	3	450856.041	9212188.299	450.959

16395558	Pass	0.078	0.074	0.362	3	451132.526	9211941.673	432.879
16396193	Pass	0.077	0.068	0.367	3	451122.323	9211771.683	435.053
16398353	Pass	0.064	0.084	0.306	3	451061.920	9211220.610	586.769
16398694	Pass	0.066	0.096	0.346	3	451348.306	9211418.063	559.285
16398848	Pass	0.070	0.101	0.337	3	451436.093	9211394.625	603.076
16399006	Pass	0.078	0.090	0.341	3	451563.161	9211496.645	584.075
16402402	Pass	0.077	0.077	0.265	4	451442.734	9212470.220	416.070
16402404	Pass	0.077	0.077	0.265	4	451447.653	9212462.353	415.901
16402979	Pass	0.086	0.070	0.360	3	451349.925	9212093.744	438.919
16406075	Pass	0.067	0.087	0.336	3	451647.489	9211684.488	547.878
16406232	Pass	0.069	0.092	0.323	3	451736.886	9211648.761	598.042
16406393	Pass	0.074	0.087	0.318	3	451845.657	9211707.130	609.104
16408323	Pass	0.093	0.076	0.333	3	451102.329	9212349.943	434.936
16413495	Pass	0.065	0.088	0.303	3	451970.684	9211859.942	613.108
16413547	Pass	0.066	0.082	0.298	3	452078.621	9211918.608	620.534
16415824	Pass	0.121	0.097	0.375	3	451715.600	9212793.146	411.522
16415986	Pass	0.116	0.117	0.371	3	451752.446	9212935.973	422.092
16416146	Pass	0.093	0.112	0.367	3	451926.385	9212921.101	412.948
16418277	Pass	0.081	0.066	0.356	3	451995.290	9212382.160	434.674
16418439	Pass	0.075	0.067	0.345	3	452060.233	9212514.067	448.541
16420730	Pass	0.065	0.095	0.305	3	452342.343	9212013.428	617.401
16420889	Pass	0.064	0.086	0.311	3	452326.974	9212079.454	584.538
16430383	Pass	0.089	0.108	0.346	3	452269.319	9213144.261	407.704
16437173	Pass	0.124	0.116	0.360	3	452735.925	9213555.346	417.742
16437321	Pass	0.129	0.132	0.373	3	452726.333	9213646.752	408.416
16437481	Pass	0.121	0.140	0.373	3	452828.436	9213711.553	405.725
16439411	Pass	0.091	0.077	0.328	3	452982.732	9213200.293	416.968
16439565	Pass	0.086	0.077	0.328	3	453052.183	9213171.622	413.247
16439725	Pass	0.087	0.088	0.332	3	453148.684	9213310.096	413.334
16440964	Pass	0.078	0.101	0.355	3	453300.697	9212732.586	406.721
16441002	Pass	0.081	0.093	0.349	3	453344.671	9212831.386	406.741
16441070	Pass	0.086	0.097	0.353	3	453413.191	9212823.039	406.439
16442927	Pass	0.150	0.162	0.449	3	453058.648	9213858.443	406.151
16443027	Pass	0.146	0.178	0.451	3	453164.340	9213943.930	404.693
16443154	Pass	0.139	0.174	0.445	3	453259.631	9213930.937	404.150
16444345	Pass	0.109	0.109	0.407	3	453371.545	9213498.199	403.645
16444443	Pass	0.113	0.121	0.411	3	453467.539	9213564.767	403.420
16444754	Pass	0.102	0.099	0.406	3	453395.347	9213351.108	403.592
16446619	Pass	0.103	0.118	0.422	3	453631.645	9213038.477	416.833
16446748	Pass	0.113	0.121	0.423	3	453713.831	9213077.690	415.768
16446908	Pass	0.141	0.134	0.436	3	453897.536	9213078.967	429.358
16448710	Pass	0.193	0.212	0.690	2	453390.135	9213956.123	401.918
16448870	Pass	0.187	0.263	0.705	2	453509.511	9214113.812	402.233
16449030	Pass	0.191	0.306	0.723	2	453606.434	9214236.789	406.326
16450180	Pass	0.147	0.157	0.670	2	453648.894	9213703.317	401.730
16450373	Pass	0.151	0.175	0.675	2	453732.598	9213763.902	401.506
16450491	Pass	0.160	0.191	0.682	2	453810.923	9213815.199	401.427
16452903	Pass	0.164	0.169	0.689	2	453999.662	9213258.679	407.159
16453063	Pass	0.186	0.173	0.697	2	454085.779	9213304.089	408.074
16453223	Pass	0.220	0.186	0.715	2	454204.658	9213296.880	410.161
16456726	Pass	0.083	0.116	0.511	2	461758.745	9187444.792	559.747

16458221	Pass	0.093	0.087	0.299	3	461851.143	9187126.455	590.838
16458381	Pass	0.092	0.087	0.299	3	461865.696	9187129.442	590.450
16458536	Pass	0.080	0.078	0.290	3	461987.449	9187272.311	587.548
16460489	Pass	0.127	0.202	0.569	2	461994.327	9186602.143	631.090
16460544	Pass	0.122	0.176	0.548	2	462013.446	9186679.723	637.757
16460704	Pass	0.114	0.144	0.535	2	462009.273	9186793.330	623.233
16461017	Pass	0.096	0.107	0.318	3	462147.466	9186955.297	616.822
16461171	Pass	0.094	0.099	0.314	3	462197.791	9187027.161	607.766
16461946	Pass	0.114	0.134	0.347	3	462343.920	9186830.020	629.738
16464128	Pass	0.082	0.091	0.516	2	461725.809	9187570.585	539.477
16464839	Pass	0.086	0.142	0.514	2	461750.215	9187335.186	569.082
16466283	Pass	0.130	0.079	0.498	2	462167.530	9187641.379	578.415
16467041	Pass	0.153	0.102	0.506	2	462251.180	9187502.308	587.203
16470689	Pass	0.127	0.133	0.507	2	462058.360	9188042.634	573.754
16476304	Pass	0.118	0.105	0.357	3	462795.849	9187112.075	622.793
16484623	Pass	0.118	0.101	0.356	3	462714.676	9188956.875	455.271
16485556	Pass	0.159	0.097	0.610	2	462700.581	9188360.588	475.861
16485716	Pass	0.115	0.086	0.577	2	462874.844	9188572.798	478.794
16485771	Pass	0.120	0.085	0.581	2	462848.649	9188542.378	475.822
16486070	Pass	0.159	0.099	0.612	2	462701.461	9188350.348	474.988
16486459	Pass	0.088	0.085	0.335	3	463094.525	9188709.586	474.331
16488069	Pass	0.104	0.187	0.585	2	463201.992	9188025.129	538.783
16488070	Pass	0.100	0.175	0.578	2	463176.761	9188062.135	540.017
16488072	Pass	0.097	0.175	0.577	2	463142.660	9188058.811	543.060
16488076	Pass	0.098	0.180	0.578	2	463144.742	9188042.016	546.100
16488326	Pass	0.102	0.113	0.348	3	463369.639	9188314.453	527.451
16488438	Pass	0.099	0.102	0.340	3	463353.077	9188419.247	520.774
16488597	Pass	0.115	0.101	0.356	3	463509.972	9188515.752	493.140
16488953	Pass	0.119	0.130	0.362	3	463507.960	9188227.260	538.719
16489967	Pass	0.149	0.106	0.395	3	462884.416	9189178.366	447.455
16489980	Pass	0.147	0.102	0.397	3	462892.269	9189134.827	442.180
16490132	Pass	0.147	0.121	0.399	3	462920.974	9189302.779	437.931
16490286	Pass	0.128	0.119	0.376	3	463044.153	9189316.455	467.250
16492188	Pass	0.101	0.091	0.355	3	463267.513	9188881.253	485.350
16492346	Pass	0.104	0.091	0.355	3	463231.902	9188977.624	478.852
16492375	Pass	0.101	0.094	0.352	3	463314.248	9189037.542	481.915
16492938	Pass	0.099	0.097	0.362	3	463389.982	9188793.825	479.960
16494481	Pass	0.107	0.113	0.377	3	463560.520	9188670.484	480.891
16494627	Pass	0.113	0.116	0.380	3	463635.264	9188672.050	481.057
16494788	Pass	0.122	0.113	0.378	3	463730.332	9188739.753	489.499
16495192	Pass	0.125	0.139	0.399	3	463703.789	9188515.659	492.189
16496712	Pass	0.227	0.188	0.670	2	463052.122	9189542.156	453.250
16496873	Pass	0.166	0.120	0.441	3	463167.880	9189559.892	437.673
16497031	Pass	0.170	0.136	0.439	3	463160.915	9189672.949	452.696
16498516	Pass	0.116	0.098	0.399	3	463481.883	9189346.815	466.807
16499118	Pass	0.119	0.097	0.410	3	463434.374	9189208.019	461.129
16499525	Pass	0.106	0.098	0.390	3	463631.663	9189332.570	482.264
16501587	Pass	0.116	0.136	0.403	3	463899.703	9188884.181	524.302
16501748	Pass	0.109	0.120	0.393	3	463844.197	9188986.261	515.432
16501905	Pass	0.112	0.111	0.386	3	463935.315	9189112.713	535.229
16505116	Pass	0.178	0.113	0.481	3	463408.828	9189776.945	467.203

16505229	Pass	0.171	0.125	0.479	3	463447.866	9189872.021	473.749
16505379	Pass	0.153	0.134	0.471	3	463548.406	9189951.594	493.504
16506330	Pass	0.171	0.105	0.663	2	463495.554	9189350.388	469.062
16506562	Pass	0.127	0.093	0.464	3	463664.276	9189559.242	453.778
16507425	Pass	0.105	0.092	0.450	3	463844.933	9189556.021	473.252
16507620	Pass	0.110	0.097	0.468	3	463801.352	9189712.636	452.280
16507645	Pass	0.129	0.105	0.696	2	463889.920	9189575.635	478.515
16508038	Pass	0.148	0.152	0.703	2	463821.795	9189371.890	499.663
16509690	Pass	0.102	0.136	0.447	3	464105.889	9189190.075	509.941
16509852	Pass	0.102	0.129	0.449	3	464125.307	9189236.753	503.382
16509993	Pass	0.108	0.117	0.460	3	464223.345	9189335.597	496.842
16513463	Pass	0.158	0.234	0.772	2	463820.074	9190226.113	451.184
16513481	Pass	0.188	0.226	0.747	2	463719.469	9190202.912	475.521
16513798	Pass	0.195	0.146	0.691	2	463668.918	9189960.332	513.577
16513996	Pass	0.190	0.170	0.709	2	463692.582	9190041.354	493.888
16514224	Pass	0.188	0.109	0.722	2	463691.259	9189557.840	468.311
16514527	Pass	0.133	0.103	0.707	2	463872.224	9189787.564	461.957
16515733	Pass	0.098	0.129	0.710	2	464146.927	9189943.201	474.299
16516253	Pass	0.101	0.095	0.701	2	464183.716	9189756.299	477.339
16516602	Pass	0.110	0.117	0.702	2	464234.970	9189522.745	487.015
16517127	Pass	0.111	0.138	0.703	2	464235.717	9189442.871	490.990
16517146	Pass	0.150	0.146	0.719	2	464398.172	9189433.092	499.811
16517238	Pass	0.159	0.109	0.726	2	464432.412	9189576.505	487.177
16518059	Pass	0.252	0.189	0.775	2	464664.385	9189349.271	509.939
16518153	Pass	0.295	0.164	0.800	2	464758.844	9189436.835	514.569
16519586	Pass	0.269	0.099	0.667	2	463846.137	9190344.415	450.324
16519775	Pass	0.227	0.113	0.638	2	463961.822	9190473.104	460.874
16519857	Pass	0.223	0.113	0.638	2	463973.306	9190474.672	459.268
16520001	Pass	0.142	0.093	0.381	3	464085.006	9190644.431	452.922
16520214	Pass	0.125	0.097	0.376	3	464195.486	9190721.334	442.546
16520327	Pass	0.128	0.113	0.392	3	464197.909	9190854.380	421.401
16520842	Pass	0.171	0.107	0.630	2	464137.994	9190468.482	448.935
16520927	Pass	0.123	0.085	0.372	3	464196.302	9190588.125	444.857
16521403	Pass	0.166	0.100	0.626	2	464150.659	9190135.578	468.919
16522336	Pass	0.144	0.107	0.620	2	464228.051	9190083.061	471.421
16522564	Pass	0.137	0.094	0.616	2	464253.858	9190160.215	467.181
16522681	Pass	0.127	0.084	0.615	2	464292.034	9190283.255	458.021
16522785	Pass	0.088	0.073	0.355	3	464447.174	9190376.471	442.487
16522888	Pass	0.091	0.074	0.354	3	464416.190	9190448.835	447.440
16522993	Pass	0.082	0.075	0.354	3	464510.886	9190555.710	437.957
16523162	Pass	0.082	0.074	0.355	3	464524.657	9190312.371	436.014
16523286	Pass	0.100	0.158	0.612	2	464726.905	9189858.593	478.712
16523287	Pass	0.093	0.170	0.615	2	464670.902	9189815.905	482.933
16523618	Pass	0.104	0.091	0.344	3	465132.519	9190095.929	484.277
16523844	Pass	0.150	0.213	0.607	2	464938.696	9189674.624	527.929
16523898	Pass	0.143	0.188	0.605	2	464920.375	9189753.334	513.525
16524070	Pass	0.102	0.105	0.349	3	465093.494	9189977.899	482.854
16524157	Pass	0.104	0.093	0.343	3	465132.853	9190071.715	489.560
16525276	Pass	0.148	0.102	0.393	3	464276.392	9191006.822	412.322
16525339	Pass	0.120	0.099	0.372	3	464423.272	9191036.927	427.770
16525355	Pass	0.110	0.108	0.373	3	464499.507	9191127.564	424.865

16525556	Pass	0.116	0.080	0.363	3	464434.615	9190854.350	433.844
16526185	Pass	0.083	0.070	0.351	3	464670.641	9190795.271	416.890
16526587	Pass	0.082	0.069	0.352	3	464677.102	9190662.066	417.005
16526880	Pass	0.074	0.074	0.346	3	464766.575	9190905.428	422.442
16526930	Pass	0.074	0.069	0.345	3	464756.132	9190624.585	424.165
16527660	Pass	0.074	0.092	0.329	3	465100.536	9190340.054	485.811
16527724	Pass	0.075	0.081	0.327	3	465133.992	9190438.547	474.914
16527904	Pass	0.074	0.069	0.330	3	465149.002	9190569.552	452.993
16528271	Pass	0.077	0.096	0.334	3	465122.754	9190311.675	480.997
16529907	Pass	0.218	0.169	0.651	2	464447.662	9191278.721	419.753
16530054	Pass	0.117	0.105	0.370	3	464662.189	9191324.592	408.186
16530214	Pass	0.125	0.140	0.389	3	464643.826	9191508.765	408.522
16531356	Pass	0.090	0.068	0.343	3	464807.695	9190970.375	417.495
16531610	Pass	0.081	0.069	0.337	3	464890.729	9191070.212	410.197
16531664	Pass	0.075	0.073	0.336	3	464961.150	9191154.533	408.742
16534079	Pass	0.065	0.086	0.326	3	465225.758	9190649.987	448.900
16534140	Pass	0.065	0.078	0.316	3	465258.553	9190723.024	464.499
16534378	Pass	0.072	0.068	0.316	3	465376.923	9190886.836	455.652
16535845	Pass	0.185	0.179	0.673	2	464805.371	9191565.633	407.625
16536003	Pass	0.190	0.235	0.692	2	464804.903	9191718.593	409.085
16536131	Pass	0.169	0.215	0.681	2	464866.418	9191674.777	408.314
16537940	Pass	0.091	0.079	0.627	2	465140.255	9191209.431	409.980
16538124	Pass	0.082	0.086	0.625	2	465249.616	9191262.684	410.780
16538242	Pass	0.089	0.117	0.635	2	465236.847	9191406.181	406.646
16539902	Pass	0.072	0.157	0.602	2	465297.177	9190720.458	466.119
16540100	Pass	0.095	0.099	0.607	2	465464.181	9190958.024	446.549
16540244	Pass	0.111	0.087	0.600	2	465529.152	9191045.720	462.749
16540478	Pass	0.129	0.085	0.603	2	465597.686	9191097.248	460.207
16542893	Pass	0.085	0.088	0.347	3	451845.606	9213441.039	407.018
16543076	Pass	0.090	0.087	0.337	3	451810.079	9213538.412	421.096
16543435	Pass	0.132	0.110	0.593	2	451669.871	9213862.566	408.940
16543551	Pass	0.141	0.114	0.600	2	451642.373	9213932.858	408.797
16544135	Pass	0.112	0.106	0.597	2	451865.878	9213834.380	413.150
16544519	Pass	0.087	0.086	0.357	3	451999.212	9213528.205	406.098
16546176	Pass	0.124	0.096	0.419	3	452384.868	9213687.482	405.750
16546313	Pass	0.119	0.104	0.409	3	452297.031	9213806.302	410.863
16546633	Pass	0.173	0.130	0.665	2	452271.683	9214009.977	428.890
16546793	Pass	0.174	0.179	0.704	2	452212.354	9214221.387	407.343
16547040	Pass	0.149	0.111	0.449	3	452502.211	9213793.436	404.874
16547360	Pass	0.240	0.147	0.729	2	452479.498	9214030.358	405.259
16550750	Pass	0.116	0.108	0.343	3	451789.068	9213343.625	407.280
16581959	Pass	0.072	0.059	0.245	4	453192.832	9211769.580	437.050
16581967	Pass	0.072	0.059	0.245	4	453200.986	9211757.703	437.052
16582108	Pass	0.093	0.067	0.340	3	453171.030	9211993.607	430.021
16582713	Pass	0.086	0.062	0.251	4	453345.404	9211826.675	426.245
16582861	Pass	0.111	0.069	0.345	3	453288.021	9211997.069	425.522
16583471	Pass	0.103	0.066	0.259	4	453483.026	9211888.333	416.198
16586961	Pass	0.062	0.074	0.340	3	452959.997	9211314.426	479.707
16587034	Pass	0.067	0.066	0.315	3	452766.241	9211403.052	527.206
16587194	Pass	0.064	0.062	0.320	3	452812.845	9211486.069	506.702
16587777	Pass	0.064	0.062	0.341	3	453010.275	9211548.510	448.155

16588436	Pass	0.066	0.058	0.247	4	453247.664	9211400.739	445.323
16588554	Pass	0.064	0.057	0.247	4	453211.200	9211381.430	445.560
16589200	Pass	0.071	0.059	0.251	4	453313.271	9211428.561	434.213
16589955	Pass	0.085	0.061	0.259	4	453453.833	9211482.991	419.114
16590669	Pass	0.124	0.087	0.367	3	453612.338	9211539.891	417.277
16592235	Pass	0.168	0.214	0.644	2	452600.488	9211241.343	576.744
16593114	Pass	0.075	0.142	0.583	2	453082.482	9211025.150	550.817
16593240	Pass	0.066	0.066	0.290	3	452932.110	9211067.016	589.357
16595387	Pass	0.084	0.062	0.254	4	453568.996	9211159.943	424.829
16595496	Pass	0.078	0.061	0.251	4	453500.912	9211113.299	426.179
16596120	Pass	0.094	0.064	0.259	4	453654.642	9211195.489	422.107
16598781	Pass	0.071	0.064	0.300	3	453018.801	9210799.531	553.883
16599293	Pass	0.065	0.080	0.324	3	453132.858	9210619.112	503.282
16599962	Pass	0.060	0.061	0.228	4	453280.072	9210644.829	451.100
16601470	Pass	0.086	0.066	0.241	4	453710.159	9210833.057	421.125
16601472	Pass	0.083	0.065	0.239	4	453688.113	9210808.053	423.676
16602185	Pass	0.241	0.114	0.691	2	453771.711	9210847.670	423.896
16602827	Pass	0.111	0.071	0.252	4	453922.986	9210909.501	425.789
16606436	Pass	0.070	0.067	0.301	3	453034.660	9210752.472	552.981
16613896	Pass	0.071	0.081	0.315	3	453402.142	9209972.648	476.507
16614058	Pass	0.073	0.072	0.315	3	453321.501	9210086.188	464.452
16615963	Pass	0.108	0.077	0.357	3	453904.749	9210179.905	442.510
16616124	Pass	0.106	0.078	0.352	3	453894.908	9210329.743	445.307
16616724	Pass	0.133	0.080	0.377	3	454045.821	9210257.608	430.494
16621066	Pass	0.098	0.080	0.266	4	453314.936	9209775.722	470.553
16621447	Pass	0.074	0.072	0.321	3	453568.292	9209794.900	452.954
16621976	Pass	0.075	0.075	0.334	3	453642.360	9209748.656	434.853
16622257	Pass	0.074	0.071	0.322	3	453584.464	9209874.884	455.495
16622688	Pass	0.085	0.077	0.349	3	453827.046	9209774.368	431.753
16623391	Pass	0.120	0.080	0.363	3	454098.500	9209887.184	460.784
16623548	Pass	0.105	0.082	0.363	3	453981.036	9210029.201	438.448
16624101	Pass	0.142	0.085	0.385	3	454207.673	9209981.350	444.908
16624262	Pass	0.121	0.083	0.373	3	454089.955	9210000.115	439.417
16628384	Pass	0.079	0.075	0.295	3	453651.307	9209370.929	494.440
16629008	Pass	0.078	0.080	0.328	3	453894.128	9209323.501	448.350
16629168	Pass	0.078	0.076	0.328	3	453867.152	9209521.254	439.465
16629815	Pass	0.090	0.079	0.315	3	454067.530	9209429.813	500.223
16630603	Pass	0.095	0.080	0.322	3	454113.912	9209496.206	491.300
16630761	Pass	0.092	0.081	0.328	3	454075.059	9209586.754	473.039
16631420	Pass	0.115	0.084	0.339	3	454261.791	9209538.834	486.942
16631580	Pass	0.128	0.095	0.364	3	454329.945	9209712.958	449.892
16635345	Pass	0.076	0.079	0.289	3	453974.665	9208944.364	497.023
16635506	Pass	0.077	0.075	0.287	3	453859.727	9209007.683	486.349
16636148	Pass	0.081	0.080	0.304	3	454137.917	9208964.939	479.699
16636308	Pass	0.078	0.076	0.289	3	454041.527	9209138.919	510.573
16637625	Pass	0.106	0.082	0.338	3	454373.287	9209159.397	439.917
16637785	Pass	0.095	0.081	0.328	3	454285.703	9209174.125	446.416
16638342	Pass	0.136	0.091	0.362	3	454561.426	9209251.549	435.432
16638671	Pass	0.114	0.094	0.340	3	454421.619	9209347.275	466.963
16642642	Pass	0.079	0.074	0.286	3	453969.562	9208698.816	464.309
16644797	Pass	0.106	0.081	0.322	3	454550.334	9208780.969	439.853

16644956	Pass	0.166	0.101	0.586	2	454525.016	9208795.097	438.382
16644957	Pass	0.104	0.086	0.323	3	454525.908	9208922.222	437.164
16647142	Pass	0.115	0.099	0.308	3	453776.862	9207969.131	473.338
16648591	Pass	0.078	0.081	0.310	3	454143.972	9208173.013	444.094
16648765	Pass	0.080	0.075	0.301	3	454095.296	9208285.193	457.577
16649104	Pass	0.077	0.084	0.294	3	454011.571	9208491.238	450.611
16649427	Pass	0.075	0.081	0.320	3	454321.421	9208179.983	439.014
16649868	Pass	0.075	0.077	0.297	3	454117.238	9208620.527	439.702
16650573	Pass	0.090	0.133	0.570	2	454192.531	9208603.520	440.866
16651619	Pass	0.100	0.079	0.339	3	454636.396	9208377.527	436.569
16651771	Pass	0.098	0.080	0.334	3	454610.865	9208445.524	442.355
16652091	Pass	0.109	0.081	0.324	3	454576.808	9208704.201	441.182
16652384	Pass	0.126	0.083	0.358	3	454804.920	9208398.895	433.667
16653933	Pass	0.108	0.096	0.325	3	453988.455	9207608.678	453.779
16654067	Pass	0.112	0.086	0.315	3	453944.343	9207718.121	461.887
16654152	Pass	0.116	0.080	0.307	3	453902.613	9207810.238	480.330
16654608	Pass	0.094	0.090	0.322	3	454095.946	9207660.818	448.434
16655400	Pass	0.085	0.149	0.581	2	454302.346	9207797.512	442.573
16655547	Pass	0.080	0.074	0.313	3	454249.119	9207923.643	455.754
16656284	Pass	0.075	0.076	0.324	3	454426.268	9207886.398	441.870
16656606	Pass	0.083	0.155	0.582	2	454184.844	9208148.187	444.503
16656788	Pass	0.081	0.079	0.334	3	454609.225	9207846.456	447.963
16658295	Pass	0.117	0.081	0.361	3	454900.475	9207969.108	443.466
16658456	Pass	0.108	0.080	0.355	3	454825.438	9208057.727	437.269
16658588	Pass	0.104	0.085	0.358	3	454782.195	9208186.416	433.797
16660269	Pass	0.116	0.099	0.323	3	454056.561	9207191.733	459.936
16660362	Pass	0.119	0.082	0.314	3	454019.065	9207375.084	461.823
16660675	Pass	0.094	0.082	0.312	3	454216.732	9207346.954	456.531
16661472	Pass	0.076	0.073	0.306	3	454426.902	9207500.055	467.823
16661946	Pass	0.071	0.074	0.306	3	454576.532	9207490.148	477.927
16662042	Pass	0.071	0.074	0.307	3	454602.438	9207504.810	480.055
16662832	Pass	0.073	0.072	0.312	3	454587.242	9207627.077	468.906
16664140	Pass	0.108	0.080	0.344	3	455012.970	9207675.805	466.715
16664297	Pass	0.105	0.085	0.349	3	454962.122	9207813.521	456.777
16664855	Pass	0.127	0.082	0.360	3	455132.866	9207631.546	459.743
16665335	Pass	0.123	0.082	0.366	3	454931.567	9208015.434	439.345
16666289	Pass	0.095	0.090	0.292	3	454321.691	9206865.630	482.530
16666419	Pass	0.118	0.082	0.297	3	454140.617	9206968.218	470.647
16666714	Pass	0.113	0.089	0.317	3	454071.679	9207290.344	456.641
16666791	Pass	0.081	0.076	0.287	3	454449.298	9207014.331	481.594
16667001	Pass	0.094	0.070	0.293	3	454333.007	9207122.277	467.701
16667592	Pass	0.073	0.068	0.287	3	454557.907	9207177.882	484.334
16668211	Pass	0.066	0.074	0.283	3	454692.863	9207057.988	510.707
16668974	Pass	0.067	0.074	0.287	3	454783.426	9207074.213	509.415
16669134	Pass	0.067	0.069	0.284	3	454764.003	9207185.001	517.116
16670364	Pass	0.109	0.079	0.328	3	455208.596	9207270.198	489.248
16670696	Pass	0.088	0.081	0.319	3	455029.307	9207440.331	482.010
16671149	Pass	0.131	0.085	0.347	3	455334.220	9207359.554	474.381
16671467	Pass	0.125	0.095	0.353	3	455271.976	9207537.140	457.034
16671743	Pass	0.114	0.082	0.346	3	455043.055	9207718.692	471.052
16672890	Pass	0.092	0.088	0.278	3	454487.134	9206524.047	506.762

16673106	Pass	0.105	0.076	0.278	3	454364.603	9206648.927	503.061
16673550	Pass	0.088	0.072	0.278	3	454514.673	9206691.488	492.287
16674633	Pass	0.067	0.078	0.297	3	454827.054	9206645.121	460.786
16674948	Pass	0.067	0.067	0.293	3	454810.829	9206878.453	463.247
16675381	Pass	0.067	0.071	0.297	3	454951.096	9206792.505	468.640
16675495	Pass	0.066	0.067	0.290	3	454887.866	9206881.369	480.993
16676924	Pass	0.105	0.079	0.340	3	455357.291	9206855.897	442.632
16677084	Pass	0.085	0.077	0.315	3	455195.526	9207001.317	468.542
16677779	Pass	0.109	0.082	0.335	3	455378.556	9206980.792	458.028
16677935	Pass	0.101	0.085	0.327	3	455309.698	9207091.948	472.133
16679341	Pass	0.105	0.091	0.315	3	454584.835	9206181.766	446.407
16679434	Pass	0.113	0.083	0.303	3	454505.731	9206259.451	466.918
16679864	Pass	0.092	0.087	0.309	3	454693.916	9206213.764	453.607
16680103	Pass	0.086	0.074	0.296	3	454730.575	9206348.712	472.437
16680342	Pass	0.080	0.084	0.286	3	454611.817	9206564.304	481.464
16681337	Pass	0.070	0.073	0.305	3	454961.222	9206392.714	460.956
16681429	Pass	0.071	0.068	0.302	3	454910.310	9206495.588	461.530
16681858	Pass	0.073	0.075	0.318	3	455197.728	9206417.676	460.475
16683415	Pass	0.104	0.080	0.344	3	455482.480	9206589.975	448.850
16683575	Pass	0.087	0.079	0.338	3	455340.938	9206664.813	435.992
16684190	Pass	0.131	0.086	0.359	3	455646.794	9206605.317	457.348
16684347	Pass	0.117	0.090	0.357	3	455551.198	9206735.739	437.959
16685816	Pass	0.111	0.100	0.329	3	454747.369	9205776.810	433.300
16685968	Pass	0.112	0.081	0.321	3	454703.734	9205974.878	438.696
16686156	Pass	0.100	0.097	0.327	3	454835.660	9205806.347	432.041
16686250	Pass	0.096	0.081	0.319	3	454837.130	9205976.212	435.791
16687466	Pass	0.075	0.081	0.310	3	455228.405	9206025.924	482.725
16687778	Pass	0.076	0.073	0.307	3	455060.376	9206141.798	471.073
16687921	Pass	0.070	0.081	0.308	3	454998.124	9206286.425	467.115
16688284	Pass	0.077	0.076	0.321	3	455310.607	9206218.227	464.927
16688920	Pass	0.095	0.085	0.337	3	455514.905	9206071.027	467.352
16689692	Pass	0.119	0.087	0.355	3	455688.614	9206154.101	462.236
16689852	Pass	0.100	0.083	0.343	3	455552.457	9206293.621	458.769
16690472	Pass	0.134	0.089	0.366	3	455774.972	9206222.113	459.417
16692026	Pass	0.112	0.107	0.338	3	454944.317	9205407.717	424.204
16692106	Pass	0.122	0.091	0.334	3	454833.530	9205560.524	427.405
16693976	Pass	0.084	0.081	0.326	3	455202.153	9205772.533	445.267
16694402	Pass	0.084	0.089	0.338	3	455430.574	9205697.766	438.158
16694563	Pass	0.081	0.083	0.328	3	455373.282	9205804.645	457.220
16695994	Pass	0.123	0.095	0.369	3	455803.154	9205784.847	445.390
16696153	Pass	0.116	0.094	0.359	3	455752.739	9205981.336	464.985
16696570	Pass	0.112	0.086	0.351	3	455640.007	9206275.882	457.479
16696764	Pass	0.143	0.098	0.382	3	455914.512	9205789.064	447.499
16698399	Pass	0.116	0.106	0.336	3	455089.343	9205084.367	430.425
16698420	Pass	0.125	0.113	0.338	3	455027.248	9205008.993	435.358
16698536	Pass	0.168	0.185	0.600	2	455034.060	9205129.765	430.894
16698792	Pass	0.129	0.105	0.337	3	454806.113	9205419.358	427.781
16699307	Pass	0.103	0.105	0.337	3	455017.446	9205433.308	423.727
16699623	Pass	0.091	0.090	0.335	3	455341.260	9205352.600	426.544
16700121	Pass	0.089	0.104	0.349	3	455473.029	9205157.658	416.818
16700247	Pass	0.089	0.101	0.347	3	455575.156	9205224.863	429.303

16702194	Pass	0.105	0.094	0.359	3	455679.996	9205721.783	439.804
16702545	Pass	0.133	0.105	0.379	3	455995.184	9205420.063	438.094
16702708	Pass	0.126	0.104	0.376	3	455929.783	9205581.086	432.953
16702872	Pass	0.177	0.108	0.615	2	455912.775	9205618.671	437.727
16703141	Pass	0.108	0.091	0.361	3	455702.267	9205821.196	436.746
16704926	Pass	0.127	0.110	0.340	3	455175.767	9204684.522	423.273
16705072	Pass	0.136	0.104	0.339	3	455099.961	9204750.085	426.476
16705375	Pass	0.229	0.110	0.585	2	454953.538	9205088.750	442.073
16705449	Pass	0.111	0.112	0.343	3	455315.099	9204676.684	417.859
16705456	Pass	0.103	0.102	0.339	3	455389.734	9204798.754	415.482
16706255	Pass	0.094	0.096	0.339	3	455523.724	9204920.309	415.920
16706538	Pass	0.099	0.141	0.595	2	455356.873	9205312.428	424.537
16706994	Pass	0.093	0.094	0.341	3	455567.196	9205072.149	421.563
16709039	Pass	0.126	0.108	0.377	3	456098.870	9205005.713	424.495
16709200	Pass	0.115	0.106	0.368	3	456009.490	9205120.965	425.962
16709365	Pass	0.126	0.114	0.380	3	456065.083	9205284.525	430.017
16709637	Pass	0.127	0.103	0.374	3	455948.177	9205469.321	435.031
16709846	Pass	0.148	0.113	0.388	3	456229.039	9205120.567	435.793
16711480	Pass	0.125	0.108	0.334	3	455345.629	9204333.595	446.617
16711761	Pass	0.133	0.096	0.338	3	455271.490	9204491.897	432.466
16712173	Pass	0.108	0.095	0.338	3	455492.558	9204526.866	421.891
16713165	Pass	0.092	0.105	0.346	3	455584.745	9204779.638	413.934
16713445	Pass	0.091	0.099	0.349	3	455869.476	9204539.608	420.840
16713688	Pass	0.092	0.096	0.350	3	455815.725	9204664.579	412.325
16714537	Pass	0.098	0.100	0.360	3	455958.084	9204755.235	411.878
16714669	Pass	0.094	0.103	0.354	3	455795.255	9204880.588	416.912
16714958	Pass	0.113	0.103	0.375	3	456149.622	9204658.438	409.173
16715575	Pass	0.121	0.105	0.381	3	456210.945	9204711.200	409.437
16715880	Pass	0.122	0.114	0.381	3	456189.949	9204909.774	422.326
16716360	Pass	0.167	0.114	0.407	3	456482.897	9204725.798	429.288
16718039	Pass	0.124	0.103	0.339	3	455492.383	9203987.531	446.362
16718158	Pass	0.121	0.095	0.330	3	455506.844	9204107.441	456.656
16718710	Pass	0.107	0.099	0.341	3	455634.266	9204033.360	431.632
16718785	Pass	0.102	0.093	0.331	3	455686.820	9204129.349	449.040
16720034	Pass	0.088	0.095	0.346	3	456030.866	9204152.441	434.293
16720782	Pass	0.090	0.097	0.354	3	456101.364	9204123.247	429.376
16720942	Pass	0.091	0.094	0.350	3	456070.001	9204248.847	423.740
16722228	Pass	0.128	0.102	0.388	3	456446.479	9204310.229	407.355
16722382	Pass	0.117	0.106	0.378	3	456338.867	9204473.626	408.576
16722702	Pass	0.120	0.105	0.382	3	456208.989	9204649.351	408.992
16722988	Pass	0.149	0.109	0.399	3	456562.849	9204408.818	407.586
16724458	Pass	0.110	0.105	0.341	3	455738.694	9203564.696	418.173
16724475	Pass	0.113	0.102	0.336	3	455710.069	9203598.650	426.803
16724629	Pass	0.132	0.092	0.333	3	455556.597	9203736.000	445.580
16726085	Pass	0.085	0.089	0.341	3	456056.884	9203767.690	413.361
16726406	Pass	0.089	0.085	0.335	3	456018.581	9203934.153	431.902
16726758	Pass	0.091	0.092	0.341	3	455929.510	9204341.408	435.523
16726858	Pass	0.085	0.089	0.344	3	456231.921	9203797.334	426.605
16728392	Pass	0.132	0.096	0.382	3	456671.801	9203933.595	427.718
16728490	Pass	0.121	0.100	0.376	3	456574.009	9204082.066	419.982
16728695	Pass	0.120	0.102	0.381	3	456383.246	9204367.094	407.565

16728868	Pass	0.143	0.102	0.391	3	456722.830	9204038.179	419.870
16728998	Pass	0.138	0.108	0.391	3	456670.116	9204155.541	414.162
16730172	Pass	0.114	0.095	0.340	3	455849.608	9203270.918	406.082
16730228	Pass	0.125	0.089	0.340	3	455765.344	9203374.199	410.514
16730505	Pass	0.093	0.091	0.337	3	456036.325	9203301.005	407.659
16730530	Pass	0.094	0.094	0.340	3	456025.637	9203265.654	404.369
16730657	Pass	0.103	0.102	0.340	3	455802.476	9203583.380	417.648
16731421	Pass	0.079	0.085	0.335	3	456296.457	9203393.637	420.553
16731801	Pass	0.083	0.080	0.333	3	456272.641	9203605.452	427.921
16732209	Pass	0.079	0.084	0.335	3	456391.568	9203409.731	430.774
16732817	Pass	0.085	0.088	0.344	3	456214.555	9203829.549	423.876
16733185	Pass	0.086	0.082	0.347	3	456486.448	9203546.360	413.754
16734080	Pass	0.118	0.098	0.370	3	456738.230	9203788.934	422.419
16734352	Pass	0.128	0.090	0.378	3	456834.407	9203618.884	412.538
16734930	Pass	0.147	0.112	0.396	3	456901.951	9203889.083	407.806
16735129	Pass	0.111	0.099	0.338	3	456024.432	9202839.523	406.469
16735152	Pass	0.114	0.085	0.334	3	455991.264	9203002.430	406.439
16735374	Pass	0.091	0.085	0.330	3	456188.054	9202968.544	402.076
16735422	Pass	0.098	0.078	0.330	3	456129.900	9203105.827	401.937
16736047	Pass	0.078	0.076	0.326	3	456384.272	9203144.149	405.098
16736591	Pass	0.081	0.078	0.331	3	456678.121	9203122.266	414.831
16737762	Pass	0.105	0.082	0.348	3	456883.184	9203268.856	407.865
16737919	Pass	0.106	0.087	0.351	3	456866.163	9203384.106	404.408
16738509	Pass	0.135	0.086	0.370	3	457081.222	9203273.772	399.259
16738858	Pass	0.160	0.096	0.400	3	457007.683	9203646.130	410.269
16738981	Pass	0.104	0.092	0.325	3	456214.781	9202513.074	402.364
16739016	Pass	0.110	0.083	0.324	3	456167.483	9202617.152	401.985
16739134	Pass	0.097	0.091	0.322	3	456275.559	9202520.253	403.023
16739288	Pass	0.096	0.073	0.318	3	456277.747	9202759.988	401.546
16740011	Pass	0.072	0.071	0.308	3	456633.722	9202818.151	408.215
16740153	Pass	0.075	0.079	0.328	3	456455.270	9203054.910	403.149
16740336	Pass	0.070	0.080	0.313	3	456728.402	9202648.914	404.147
16740889	Pass	0.078	0.076	0.328	3	456568.658	9203235.401	411.865
16741609	Pass	0.097	0.077	0.325	3	457050.532	9202845.642	400.138
16741767	Pass	0.101	0.083	0.328	3	457050.275	9203031.488	396.332
16742087	Pass	0.102	0.080	0.348	3	456875.686	9203182.389	405.426
16742303	Pass	0.137	0.086	0.345	3	457299.978	9202970.285	394.514
16742987	Pass	0.111	0.101	0.341	3	456327.632	9202063.718	401.111
16743022	Pass	0.115	0.079	0.332	3	456283.543	9202278.032	401.426
16743493	Pass	0.083	0.087	0.329	3	456549.726	9202168.229	401.813
16743508	Pass	0.094	0.079	0.327	3	456439.147	9202255.705	399.776
16744010	Pass	0.076	0.068	0.322	3	456629.665	9202442.981	399.760
16744080	Pass	0.072	0.080	0.313	3	456549.631	9202633.148	400.768
16744196	Pass	0.067	0.077	0.330	3	456877.247	9202293.038	400.487
16744197	Pass	0.067	0.074	0.326	3	456787.935	9202320.226	398.664
16744883	Pass	0.069	0.069	0.323	3	456875.318	9202493.837	406.904
16745300	Pass	0.071	0.074	0.308	3	456729.337	9202747.751	410.661
16746252	Pass	0.109	0.076	0.353	3	457307.221	9202479.670	409.323
16746412	Pass	0.100	0.078	0.342	3	457232.361	9202622.408	413.852
16746588	Pass	0.095	0.080	0.341	3	457181.962	9202684.530	410.934
16746826	Pass	0.101	0.078	0.327	3	457074.550	9202919.553	396.698

16746977	Pass	0.124	0.078	0.364	3	457398.694	9202527.628	403.095
16748270	Pass	0.210	0.116	0.604	2	456453.973	9201699.470	399.372
16748317	Pass	0.117	0.084	0.334	3	456408.957	9201842.717	399.950
16748451	Pass	0.098	0.087	0.331	3	456553.346	9201798.914	398.915
16748464	Pass	0.096	0.069	0.326	3	456562.348	9202014.934	401.285
16748509	Pass	0.067	0.081	0.331	3	456884.251	9201844.661	399.878
16748635	Pass	0.075	0.065	0.326	3	456767.848	9202116.833	397.895
16748968	Pass	0.066	0.066	0.323	3	456952.103	9202124.534	408.657
16749486	Pass	0.069	0.069	0.332	3	457123.428	9202040.205	403.765
16750226	Pass	0.084	0.070	0.340	3	457288.455	9202184.035	409.938
16750783	Pass	0.196	0.115	0.649	2	457478.520	9202095.284	408.899
16750784	Pass	0.099	0.072	0.355	3	457412.427	9202065.111	404.876
16750944	Pass	0.092	0.075	0.344	3	457338.679	9202285.686	414.688
16751517	Pass	0.136	0.076	0.378	3	457627.377	9202156.470	398.815
16752912	Pass	0.113	0.088	0.331	3	456586.400	9201412.650	409.286
16752946	Pass	0.119	0.075	0.332	3	456533.649	9201559.026	405.616
16753052	Pass	0.083	0.087	0.326	3	456829.400	9201407.448	408.065
16753137	Pass	0.097	0.074	0.325	3	456695.010	9201552.284	403.268
16753269	Pass	0.067	0.073	0.320	3	457005.609	9201547.730	403.871
16753519	Pass	0.073	0.063	0.320	3	456927.778	9201741.151	399.321
16754359	Pass	0.066	0.068	0.326	3	457263.538	9201640.997	398.000
16754625	Pass	0.065	0.065	0.323	3	457178.919	9201832.964	396.116
16755659	Pass	0.097	0.069	0.339	3	457562.138	9201788.172	396.184
16755783	Pass	0.101	0.073	0.341	3	457579.629	9201908.477	394.569
16755944	Pass	0.085	0.075	0.335	3	457454.773	9201967.091	395.531
16756373	Pass	0.125	0.073	0.354	3	457737.109	9201802.968	393.985
16757625	Pass	0.099	0.087	0.332	3	456842.821	9201040.090	403.050
16757663	Pass	0.119	0.089	0.336	3	456697.126	9201032.099	405.619
16757692	Pass	0.109	0.072	0.327	3	456752.345	9201200.779	407.095
16758114	Pass	0.066	0.076	0.323	3	457176.062	9201147.996	406.549
16758188	Pass	0.069	0.067	0.321	3	457122.948	9201273.150	398.104
16758504	Pass	0.063	0.075	0.327	3	457347.098	9201173.030	407.517
16758622	Pass	0.063	0.064	0.322	3	457270.501	9201355.073	399.426
16759708	Pass	0.079	0.069	0.335	3	457554.138	9201507.520	398.836
16760206	Pass	0.104	0.071	0.349	3	457749.549	9201459.779	397.392
16760280	Pass	0.137	0.081	0.613	2	457598.201	9201534.414	396.965
16761608	Pass	0.104	0.091	0.329	3	456965.138	9200645.498	406.790
16761625	Pass	0.105	0.076	0.323	3	456940.347	9200785.737	409.353
16761706	Pass	0.183	0.116	0.595	2	456840.018	9200949.294	401.125
16761858	Pass	0.089	0.084	0.317	3	457069.793	9200700.616	423.735
16761897	Pass	0.090	0.073	0.311	3	457055.154	9200812.307	426.707
16762881	Pass	0.063	0.069	0.312	3	457418.147	9200880.305	413.633
16763148	Pass	0.065	0.063	0.310	3	457358.135	9201058.972	415.030
16763541	Pass	0.065	0.071	0.316	3	457532.429	9200869.084	414.059
16763700	Pass	0.064	0.066	0.314	3	457487.758	9200954.732	410.311
16764963	Pass	0.098	0.071	0.336	3	457864.183	9201079.926	402.916
16765123	Pass	0.093	0.074	0.335	3	457821.350	9201201.844	401.429
16765445	Pass	0.090	0.069	0.343	3	457662.191	9201372.953	397.845
16765579	Pass	0.128	0.076	0.352	3	458052.436	9201078.333	406.343
16765737	Pass	0.113	0.080	0.345	3	457950.578	9201246.645	401.977
16766057	Pass	0.109	0.071	0.352	3	457786.956	9201423.028	397.678

16766860	Pass	0.107	0.087	0.340	3	457117.240	9200329.936	415.253
16766867	Pass	0.112	0.079	0.342	3	457072.067	9200418.785	408.668
16766981	Pass	0.097	0.087	0.337	3	457195.538	9200327.626	416.585
16767720	Pass	0.067	0.076	0.322	3	457531.751	9200446.796	436.856
16768427	Pass	0.069	0.073	0.331	3	457719.177	9200524.437	426.275
16768572	Pass	0.069	0.068	0.335	3	457713.235	9200706.253	415.662
16769923	Pass	0.102	0.074	0.354	3	458032.759	9200670.247	421.053
16770250	Pass	0.085	0.075	0.348	3	457893.041	9200820.744	417.445
16770657	Pass	0.136	0.080	0.376	3	458229.405	9200706.262	417.499
16772145	Pass	0.102	0.085	0.326	3	457314.219	9199975.895	448.842
16772216	Pass	0.112	0.076	0.340	3	457232.542	9200097.610	418.468
16772224	Pass	0.108	0.095	0.347	3	457122.572	9200260.405	409.932
16772274	Pass	0.101	0.078	0.328	3	457310.660	9200055.449	439.341
16773065	Pass	0.067	0.077	0.315	3	457777.044	9200078.231	478.279
16773131	Pass	0.067	0.071	0.315	3	457762.194	9200187.412	467.482
16774443	Pass	0.065	0.068	0.326	3	457596.024	9200590.620	424.427
16775437	Pass	0.094	0.074	0.340	3	458122.055	9200293.264	459.207
16775596	Pass	0.088	0.075	0.339	3	458069.435	9200412.362	457.459
16776212	Pass	0.129	0.081	0.364	3	458348.115	9200391.011	455.482
16776376	Pass	0.124	0.085	0.364	3	458306.128	9200488.242	450.690
16776808	Pass	0.112	0.079	0.361	3	458084.146	9200803.289	416.926
16777624	Pass	0.176	0.105	0.556	2	457491.944	9199530.942	476.599
16777822	Pass	0.103	0.078	0.311	3	457443.391	9199692.680	482.593
16778048	Pass	0.108	0.096	0.334	3	457280.861	9199886.051	444.884
16778193	Pass	0.095	0.071	0.307	3	457503.682	9199790.393	488.415
16779098	Pass	0.068	0.072	0.309	3	457909.230	9199794.667	480.469
16779330	Pass	0.073	0.067	0.302	3	457745.456	9199903.406	494.047
16779700	Pass	0.068	0.067	0.320	3	457682.602	9200285.550	452.978
16779805	Pass	0.068	0.072	0.309	3	457952.081	9199795.357	483.594
16780052	Pass	0.069	0.069	0.310	3	457920.393	9199977.576	481.153
16780200	Pass	0.067	0.073	0.316	3	457785.101	9200148.710	470.355
16781247	Pass	0.103	0.076	0.338	3	458348.757	9199960.870	465.313
16781556	Pass	0.082	0.076	0.329	3	458163.494	9200096.681	465.979
16782019	Pass	0.128	0.080	0.353	3	458509.130	9199984.458	464.467
16782178	Pass	0.108	0.080	0.342	3	458374.385	9200073.229	462.626
16783704	Pass	0.117	0.075	0.315	3	457494.083	9199369.506	474.870
16783877	Pass	0.099	0.083	0.307	3	457642.565	9199259.377	483.579
16783897	Pass	0.098	0.077	0.305	3	457645.927	9199334.694	482.384
16784009	Pass	0.081	0.080	0.305	3	457652.613	9199651.368	492.480
16784552	Pass	0.069	0.069	0.301	3	458042.108	9199524.260	476.483
16785071	Pass	0.070	0.078	0.310	3	458155.791	9199369.569	468.665
16785227	Pass	0.070	0.070	0.304	3	458142.140	9199573.147	473.098
16786358	Pass	0.093	0.075	0.319	3	458437.438	9199573.482	464.290
16786515	Pass	0.098	0.079	0.321	3	458468.039	9199702.448	467.018
16787105	Pass	0.124	0.083	0.334	3	458642.722	9199693.270	461.736
16787266	Pass	0.105	0.083	0.325	3	458515.925	9199764.667	467.519
16788613	Pass	0.108	0.090	0.315	3	457734.019	9198824.075	486.798
16788638	Pass	0.105	0.078	0.310	3	457747.025	9198951.233	483.973
16788658	Pass	0.100	0.091	0.310	3	457636.696	9199177.831	488.232
16788879	Pass	0.096	0.080	0.309	3	457825.673	9198928.541	482.817
16789218	Pass	0.070	0.078	0.315	3	458240.301	9199023.542	474.280

16789536	Pass	0.075	0.069	0.308	3	458048.034	9199154.118	473.734
16789696	Pass	0.068	0.077	0.307	3	458095.837	9199367.719	470.922
16789965	Pass	0.072	0.076	0.317	3	458310.827	9199084.597	471.590
16790125	Pass	0.071	0.073	0.314	3	458274.902	9199150.599	471.948
16791329	Pass	0.105	0.080	0.349	3	458645.428	9199168.734	453.732
16791488	Pass	0.101	0.082	0.348	3	458599.909	9199365.774	445.216
16792046	Pass	0.128	0.084	0.367	3	458780.423	9199208.281	443.759
16793411	Pass	0.098	0.092	0.311	3	457970.779	9198438.087	486.364
16793458	Pass	0.106	0.076	0.305	3	457888.508	9198609.128	486.861
16793587	Pass	0.095	0.084	0.307	3	457988.311	9198522.572	484.569
16793634	Pass	0.097	0.076	0.305	3	457963.593	9198615.967	484.788
16793716	Pass	0.089	0.089	0.313	3	457899.905	9198840.760	483.003
16794189	Pass	0.073	0.081	0.316	3	458275.460	9198609.461	470.148
16794329	Pass	0.073	0.074	0.312	3	458264.181	9198730.256	473.626
16794861	Pass	0.073	0.083	0.327	3	458446.365	9198635.005	463.236
16796419	Pass	0.122	0.087	0.372	3	458869.445	9198860.879	438.640
16796579	Pass	0.105	0.084	0.356	3	458753.096	9198952.710	450.035
16797012	Pass	0.107	0.082	0.349	3	458651.004	9199307.076	450.250
16797234	Pass	0.134	0.089	0.383	3	458939.676	9198823.068	433.195
16797273	Pass	0.118	0.089	0.369	3	458831.153	9199001.716	441.192
16798200	Pass	0.109	0.086	0.311	3	458035.971	9198134.948	488.511
16798250	Pass	0.107	0.081	0.310	3	458049.314	9198190.147	483.020
16798445	Pass	0.093	0.084	0.317	3	458184.764	9198176.939	466.566
16798520	Pass	0.088	0.077	0.313	3	458225.915	9198269.042	470.084
16799529	Pass	0.074	0.080	0.333	3	458548.345	9198374.650	448.449
16800096	Pass	0.076	0.088	0.346	3	458628.959	9198259.445	442.031
16800651	Pass	0.072	0.075	0.319	3	458399.049	9198760.684	470.104
16801607	Pass	0.119	0.093	0.380	3	458990.845	9198504.623	435.078
16801661	Pass	0.114	0.092	0.376	3	458947.994	9198581.590	433.791
16802288	Pass	0.130	0.095	0.386	3	459045.576	9198553.508	435.794
16802376	Pass	0.134	0.102	0.395	3	459040.365	9198727.585	431.052
16802956	Pass	0.106	0.087	0.322	3	458238.941	9197781.974	453.722
16802965	Pass	0.116	0.078	0.321	3	458144.811	9197877.920	457.428
16803059	Pass	0.092	0.085	0.320	3	458356.480	9197824.041	453.423
16803417	Pass	0.077	0.082	0.325	3	458561.580	9197939.119	449.264
16803914	Pass	0.078	0.073	0.320	3	458359.578	9198414.463	461.456
16804734	Pass	0.084	0.093	0.348	3	458872.388	9197966.412	446.191
16804894	Pass	0.081	0.087	0.345	3	458821.609	9198082.846	443.408
16805033	Pass	0.077	0.082	0.340	3	458693.319	9198149.172	440.072
16805269	Pass	0.079	0.081	0.343	3	458655.565	9198439.005	443.641
16806121	Pass	0.128	0.104	0.393	3	459186.822	9198108.529	424.922
16806280	Pass	0.098	0.095	0.363	3	458981.389	9198214.499	445.676
16806935	Pass	0.135	0.107	0.392	3	459211.439	9198266.350	443.188
16807997	Pass	0.110	0.086	0.330	3	458381.242	9197445.616	441.213
16808023	Pass	0.115	0.077	0.328	3	458329.298	9197559.182	444.511
16808100	Pass	0.092	0.094	0.336	3	458573.848	9197394.484	437.540
16808453	Pass	0.095	0.076	0.319	3	458321.502	9197938.215	452.693
16808983	Pass	0.081	0.098	0.351	3	458914.370	9197526.359	429.753
16809276	Pass	0.082	0.081	0.329	3	458671.205	9197690.098	443.358
16809852	Pass	0.087	0.097	0.360	3	459015.467	9197707.208	422.824
16811204	Pass	0.121	0.113	0.396	3	459287.856	9197670.826	416.477

16811246	Pass	0.126	0.113	0.398	3	459303.934	9197822.163	415.929
16811310	Pass	0.116	0.111	0.391	3	459232.025	9197911.184	419.933
16811531	Pass	0.116	0.100	0.378	3	459111.012	9198201.525	441.334
16811735	Pass	0.139	0.117	0.409	3	459379.397	9197824.753	414.040
16813024	Pass	0.115	0.092	0.340	3	458544.030	9197018.767	432.697
16813056	Pass	0.124	0.079	0.334	3	458430.534	9197161.024	443.727
16813113	Pass	0.103	0.092	0.335	3	458659.467	9197048.706	437.450
16813237	Pass	0.111	0.077	0.331	3	458538.379	9197208.833	438.852
16813470	Pass	0.094	0.085	0.328	3	458529.668	9197495.335	442.655
16813878	Pass	0.081	0.087	0.336	3	458719.766	9197573.486	432.560
16814041	Pass	0.088	0.101	0.345	3	459049.465	9197218.314	445.100
16814909	Pass	0.088	0.099	0.348	3	459086.843	9197407.008	450.097
16815547	Pass	0.100	0.111	0.372	3	459226.043	9197297.036	421.175
16816335	Pass	0.136	0.128	0.410	3	459476.128	9197396.115	417.048
16816493	Pass	0.113	0.117	0.390	3	459330.096	9197467.370	417.855
16816973	Pass	0.172	0.140	0.439	3	459646.616	9197437.537	416.884
16818398	Pass	0.123	0.107	0.372	3	458746.400	9196596.032	440.126
16818469	Pass	0.119	0.086	0.364	3	458679.019	9196783.313	436.477
16818559	Pass	0.116	0.106	0.369	3	458859.977	9196630.053	434.499
16819262	Pass	0.105	0.112	0.375	3	459193.291	9196875.013	420.381
16819526	Pass	0.099	0.105	0.372	3	459147.780	9196978.751	420.005
16819921	Pass	0.084	0.088	0.329	3	458908.686	9197325.494	461.535
16820356	Pass	0.098	0.107	0.376	3	459185.266	9197067.544	421.688
16821670	Pass	0.153	0.151	0.433	3	459639.524	9197001.479	420.790
16821788	Pass	0.137	0.140	0.422	3	459546.869	9197103.727	417.488
16822411	Pass	0.191	0.166	0.464	3	459814.497	9197103.008	429.659
16822648	Pass	0.170	0.154	0.454	3	459698.335	9197272.200	423.701
16822931	Pass	0.171	0.140	0.438	3	459637.625	9197495.361	418.654
16823934	Pass	0.182	0.212	0.657	2	458904.091	9196276.624	426.715
16823957	Pass	0.197	0.153	0.625	2	458759.241	9196467.350	448.837
16824406	Pass	0.145	0.190	0.644	2	459218.165	9196399.033	432.183
16824454	Pass	0.151	0.170	0.637	2	459041.047	9196433.214	427.192
16824997	Pass	0.130	0.147	0.631	2	459214.137	9196586.628	426.321
16825283	Pass	0.111	0.121	0.382	3	459233.047	9196783.215	420.727
16825571	Pass	0.149	0.186	0.654	2	459394.923	9196480.465	427.787
16826415	Pass	0.181	0.201	0.680	2	459584.273	9196514.190	423.639
16826496	Pass	0.172	0.173	0.666	2	459582.278	9196662.113	422.657
16827194	Pass	0.221	0.209	0.701	2	459744.337	9196569.985	428.604
16827260	Pass	0.218	0.185	0.683	2	459759.922	9196740.874	435.260
16827335	Pass	0.176	0.163	0.664	2	459621.496	9196794.804	425.264
16827734	Pass	0.282	0.207	0.723	2	459940.662	9196739.452	433.932
16828886	Pass	0.169	0.247	0.649	2	461761.229	9191930.592	419.678
16828953	Pass	0.161	0.235	0.641	2	461734.581	9191901.483	420.115
16829046	Pass	0.204	0.225	0.642	2	461911.337	9191839.243	419.144
16829206	Pass	0.186	0.173	0.616	2	461871.497	9191679.149	419.665
16829381	Pass	0.121	0.131	0.381	3	461898.800	9191552.340	422.453
16829526	Pass	0.126	0.132	0.383	3	461939.881	9191540.099	423.131
16829690	Pass	0.132	0.118	0.378	3	462007.921	9191429.253	424.809
16830434	Pass	0.113	0.125	0.375	3	461850.338	9191528.367	420.276
16830825	Pass	0.110	0.171	0.602	2	461438.481	9191749.222	420.736
16830915	Pass	0.108	0.155	0.592	2	461458.760	9191691.229	423.638

16831076	Pass	0.107	0.124	0.583	2	461515.948	9191558.804	415.771
16831390	Pass	0.085	0.088	0.339	3	461612.607	9191326.512	423.895
16831556	Pass	0.085	0.081	0.335	3	461648.967	9191249.866	425.023
16831576	Pass	0.110	0.156	0.599	2	461274.654	9191708.553	419.621
16832779	Pass	0.080	0.081	0.334	3	461322.091	9191303.560	422.039
16832883	Pass	0.079	0.082	0.335	3	461376.803	9191314.180	420.937
16833933	Pass	0.171	0.108	0.578	2	460860.354	9191489.443	457.669
16834030	Pass	0.133	0.096	0.561	2	461020.867	9191436.691	450.288
16834062	Pass	0.140	0.092	0.560	2	460978.171	9191400.540	453.690
16834316	Pass	0.084	0.074	0.332	3	461144.337	9191166.141	418.896
16834405	Pass	0.090	0.074	0.330	3	461045.951	9191024.596	430.711
16834475	Pass	0.214	0.107	0.597	2	460701.678	9191447.693	457.501
16834862	Pass	0.097	0.075	0.327	3	460982.817	9191058.582	456.049
16834888	Pass	0.089	0.075	0.329	3	461045.089	9190966.031	435.105
16835781	Pass	0.113	0.109	0.322	3	462109.052	9191176.167	429.409
16835946	Pass	0.107	0.097	0.313	3	462077.039	9191093.120	436.136
16836115	Pass	0.108	0.084	0.301	3	462119.345	9190970.431	459.521
16836483	Pass	0.091	0.094	0.310	3	461931.260	9191103.813	432.910
16837308	Pass	0.074	0.076	0.301	3	461770.364	9190950.980	430.480
16837445	Pass	0.075	0.071	0.296	3	461795.693	9190883.667	439.827
16837813	Pass	0.073	0.080	0.306	3	461714.964	9191006.450	427.126
16837972	Pass	0.078	0.131	0.556	2	461614.390	9190901.792	429.573
16838455	Pass	0.069	0.073	0.306	3	461569.219	9190942.592	428.906
16839579	Pass	0.159	0.099	0.573	2	461043.809	9191112.901	440.511
16839714	Pass	0.080	0.065	0.315	3	461281.355	9190726.123	426.334
16839771	Pass	0.074	0.066	0.309	3	461340.839	9190600.903	433.464
16840000	Pass	0.095	0.068	0.329	3	461143.067	9190764.442	422.022
16840004	Pass	0.096	0.068	0.329	3	461131.905	9190752.378	422.754
16840653	Pass	0.110	0.102	0.307	3	462292.631	9190809.348	458.070
16840805	Pass	0.107	0.097	0.304	3	462274.579	9190772.617	457.611
16841398	Pass	0.093	0.092	0.300	3	462161.602	9190748.204	453.376
16842028	Pass	0.082	0.138	0.549	2	461763.894	9190929.548	434.057
16842421	Pass	0.068	0.072	0.290	3	461909.090	9190577.992	448.835
16842559	Pass	0.070	0.067	0.288	3	461944.287	9190499.732	448.234
16842972	Pass	0.063	0.071	0.290	3	461769.033	9190580.792	456.792
16843173	Pass	0.063	0.068	0.290	3	461752.570	9190534.478	450.492
16843285	Pass	0.071	0.103	0.550	2	461811.659	9190396.066	446.367
16845095	Pass	0.088	0.062	0.297	3	461334.070	9190342.563	475.508
16845207	Pass	0.075	0.064	0.290	3	461458.483	9190204.819	474.221
16845409	Pass	0.089	0.063	0.294	3	461322.838	9190293.164	484.005
16845443	Pass	0.088	0.064	0.295	3	461332.148	9190232.676	477.772
16846554	Pass	0.119	0.095	0.324	3	462486.102	9190356.852	453.332
16846616	Pass	0.136	0.191	0.578	2	462349.643	9190342.915	461.137
16846669	Pass	0.109	0.078	0.308	3	462443.300	9190201.612	472.285
16847965	Pass	0.083	0.109	0.548	2	461969.187	9190422.923	448.553
16848811	Pass	0.067	0.077	0.301	3	462034.923	9190255.997	456.171
16848968	Pass	0.064	0.068	0.294	3	461986.727	9190145.870	457.857
16849129	Pass	0.069	0.065	0.291	3	462082.592	9190080.659	465.053
16849613	Pass	0.065	0.066	0.298	3	461773.790	9190124.741	450.320
16850887	Pass	0.080	0.062	0.299	3	461565.333	9190036.883	459.000
16850909	Pass	0.082	0.061	0.296	3	461550.264	9189958.274	463.323

16850942	Pass	0.083	0.062	0.294	3	461540.885	9189886.299	466.202
16851066	Pass	0.099	0.062	0.303	3	461409.353	9189968.093	467.374
16851788	Pass	0.110	0.099	0.334	3	462540.130	9190025.060	483.257
16851932	Pass	0.109	0.091	0.325	3	462538.142	9189960.548	495.715
16852078	Pass	0.118	0.088	0.329	3	462608.594	9189912.571	491.155
16852764	Pass	0.097	0.091	0.311	3	462459.221	9189976.962	525.476
16853462	Pass	0.070	0.076	0.305	3	462199.220	9189858.193	488.141
16853725	Pass	0.074	0.067	0.290	3	462263.181	9189703.032	526.806
16854162	Pass	0.067	0.075	0.309	3	462144.881	9189851.941	473.067
16854994	Pass	0.065	0.067	0.305	3	461959.532	9189757.553	465.004
16856060	Pass	0.093	0.061	0.305	3	461616.819	9189624.515	474.947
16856105	Pass	0.087	0.062	0.301	3	461677.360	9189510.330	477.340
16856117	Pass	0.087	0.062	0.301	3	461677.589	9189503.414	477.279
16856197	Pass	0.096	0.061	0.304	3	461595.706	9189604.640	478.940
16856738	Pass	0.122	0.105	0.359	3	462742.484	9189673.068	469.899
16856896	Pass	0.134	0.098	0.377	3	462812.124	9189584.270	432.852
16857055	Pass	0.124	0.089	0.369	3	462760.118	9189509.124	432.734
16857646	Pass	0.097	0.095	0.345	3	462575.753	9189614.048	465.893
16859282	Pass	0.071	0.079	0.325	3	462332.060	9189496.884	467.987
16859443	Pass	0.072	0.074	0.319	3	462348.307	9189433.618	476.114
16859600	Pass	0.075	0.070	0.323	3	462396.060	9189360.641	468.009
16860095	Pass	0.066	0.071	0.298	3	462186.497	9189429.136	515.531
16861368	Pass	0.083	0.063	0.301	3	461879.174	9189293.747	500.651
16861391	Pass	0.079	0.063	0.296	3	461924.105	9189283.195	510.002
16861552	Pass	0.079	0.063	0.294	3	461923.484	9189168.664	510.778
16861723	Pass	0.100	0.062	0.305	3	461728.756	9189227.042	501.800
16862509	Pass	0.124	0.109	0.363	3	462921.697	9189302.517	437.993
16862661	Pass	0.115	0.100	0.355	3	462874.043	9189228.948	437.321
16862824	Pass	0.123	0.087	0.345	3	462954.277	9189059.538	455.926
16864909	Pass	0.070	0.080	0.322	3	462447.585	9189117.099	464.483
16865062	Pass	0.069	0.071	0.312	3	462455.255	9188973.458	471.839
16865222	Pass	0.070	0.071	0.313	3	462468.497	9188959.503	470.618
16865721	Pass	0.068	0.073	0.316	3	462342.749	9189049.046	469.592
16867080	Pass	0.083	0.065	0.294	3	462056.375	9188803.119	517.144
16867131	Pass	0.085	0.065	0.290	3	462037.391	9188785.352	530.621
16867263	Pass	0.108	0.065	0.296	3	461837.036	9188800.219	547.881
16867297	Pass	0.093	0.067	0.285	3	461958.043	9188732.642	553.769
16870970	Pass	0.072	0.085	0.321	3	462631.785	9188770.813	456.624
16871125	Pass	0.072	0.075	0.314	3	462629.376	9188602.695	456.164
16872885	Pass	0.083	0.066	0.292	3	462208.988	9188558.974	512.758
16873029	Pass	0.081	0.067	0.295	3	462243.315	9188555.076	501.975
16873180	Pass	0.080	0.066	0.283	3	462240.542	9188434.234	528.511
16873613	Pass	0.101	0.066	0.281	3	462036.459	9188398.831	551.099
16874714	Pass	0.174	0.120	0.567	2	463133.897	9188560.816	477.843
16874746	Pass	0.176	0.118	0.565	2	463139.923	9188551.084	480.367
16875017	Pass	0.211	0.108	0.561	2	463269.964	9188473.113	499.070
16875026	Pass	0.207	0.095	0.553	2	463265.762	9188351.121	511.075
16877511	Pass	0.089	0.086	0.546	2	462759.063	9188204.801	475.853
16877538	Pass	0.091	0.097	0.541	2	462773.692	9188117.569	486.849
16878097	Pass	0.088	0.085	0.525	2	462484.689	9188170.570	506.040
16878229	Pass	0.087	0.108	0.522	2	462500.474	9188031.911	516.018

16878895	Pass	0.103	0.097	0.513	2	462390.043	9188083.251	530.443
16879173	Pass	0.092	0.110	0.516	2	462464.238	9188018.351	526.413
16879904	Pass	0.140	0.117	0.504	2	462219.617	9187974.354	560.485
16880702	Pass	0.146	0.125	0.503	2	462196.896	9187938.653	568.326
16885348	Pass	0.162	0.211	0.617	2	463295.206	9188172.173	525.951
16885349	Pass	0.162	0.214	0.618	2	463294.031	9188180.397	526.077
16885355	Pass	0.159	0.208	0.617	2	463288.480	9188161.588	522.764
16885367	Pass	0.181	0.170	0.590	2	463381.074	9188023.652	540.436
16885556	Pass	0.140	0.122	0.364	3	463442.170	9187831.872	566.810
16885659	Pass	0.141	0.119	0.358	3	463461.559	9187769.465	572.820
16885798	Pass	0.147	0.118	0.351	3	463510.232	9187613.967	583.786
16892136	Pass	0.162	0.142	0.418	3	463583.191	9187488.542	602.889
16892290	Pass	0.166	0.141	0.412	3	463611.804	9187411.977	608.375
16892451	Pass	0.165	0.141	0.404	3	463613.232	9187333.930	614.255
16892913	Pass	0.151	0.137	0.407	3	463532.022	9187457.954	602.797
16893935	Pass	0.123	0.125	0.364	3	463331.181	9187226.019	615.341
16894349	Pass	0.112	0.118	0.365	3	463241.151	9187312.180	604.858
16894501	Pass	0.114	0.119	0.365	3	463258.868	9187298.355	604.863
16895052	Pass	0.105	0.111	0.356	3	463098.657	9187272.639	607.883
16896350	Pass	0.117	0.104	0.358	3	462796.412	9187130.076	621.905
16896635	Pass	0.123	0.124	0.352	3	462874.751	9186934.004	640.931
16897026	Pass	0.126	0.106	0.363	3	462714.909	9187087.803	630.850
16898570	Pass	0.195	0.171	0.502	3	463705.987	9187130.296	638.799
16898729	Pass	0.203	0.174	0.500	3	463744.656	9187074.725	642.285
16898888	Pass	0.224	0.183	0.506	3	463828.700	9187026.544	654.146
16899362	Pass	0.170	0.162	0.479	3	463593.994	9187075.154	638.722
16900295	Pass	0.153	0.158	0.447	3	463461.496	9186912.289	654.420
16900470	Pass	0.156	0.162	0.447	3	463475.839	9186879.860	658.708
16900888	Pass	0.141	0.149	0.449	3	463394.817	9186978.262	643.230
16901683	Pass	0.132	0.142	0.444	3	463245.917	9186927.225	641.473
16903250	Pass	0.147	0.141	0.449	3	462977.672	9186801.055	665.588
16903391	Pass	0.152	0.144	0.454	3	462939.851	9186773.570	665.784
16903551	Pass	0.153	0.165	0.443	3	463074.143	9186659.613	675.475
16903940	Pass	0.164	0.146	0.466	3	462865.064	9186753.317	667.052
16905489	Pass	0.271	0.221	0.673	2	463866.291	9186847.412	678.481
16905492	Pass	0.255	0.217	0.668	2	463818.963	9186789.210	671.180
16905649	Pass	0.285	0.227	0.674	2	463903.925	9186742.827	686.828
16905809	Pass	0.301	0.245	0.684	2	463935.166	9186602.793	693.766
16907081	Pass	0.190	0.197	0.628	2	463558.000	9186680.536	682.043
16907261	Pass	0.204	0.210	0.634	2	463591.180	9186595.528	685.817
16907417	Pass	0.211	0.218	0.637	2	463610.726	9186555.292	690.566
16907882	Pass	0.167	0.185	0.624	2	463401.058	9186681.616	671.840
16910135	Pass	0.186	0.197	0.635	2	463160.753	9186506.345	687.569
16910275	Pass	0.191	0.206	0.639	2	463159.077	9186463.682	690.411
16910418	Pass	0.206	0.240	0.652	2	463161.739	9186337.882	696.512
16910836	Pass	0.214	0.193	0.651	2	462986.008	9186509.265	692.091
16915614	Pass	0.126	0.200	0.662	2	451076.037	9213933.654	410.270
16915673	Pass	0.119	0.150	0.635	2	451143.382	9213766.281	408.609
16915781	Pass	0.118	0.126	0.625	2	451184.994	9213672.034	409.910
16915886	Pass	0.093	0.099	0.334	3	451240.110	9213535.068	411.335
16916074	Pass	0.090	0.087	0.327	3	451291.616	9213413.446	410.074

16916241	Pass	0.126	0.182	0.661	2	450925.485	9213849.677	409.663
16916666	Pass	0.094	0.101	0.337	3	451230.958	9213549.373	409.276
16917595	Pass	0.091	0.098	0.333	3	451073.388	9213473.818	425.138
16918975	Pass	0.206	0.169	0.703	2	450551.957	9213694.582	411.965
16919130	Pass	0.185	0.152	0.684	2	450608.883	9213634.672	412.197
16919262	Pass	0.180	0.126	0.671	2	450615.151	9213455.432	413.695
16919436	Pass	0.134	0.109	0.381	3	450641.154	9213279.611	414.971
16919582	Pass	0.132	0.107	0.379	3	450656.238	9213263.437	412.667
16919743	Pass	0.111	0.098	0.360	3	450779.386	9213124.527	411.147
16919902	Pass	0.240	0.169	0.721	2	450456.398	9213654.576	413.064
16920298	Pass	0.164	0.117	0.405	3	450498.433	9213252.405	423.413
16923875	Pass	0.080	0.086	0.311	3	451396.512	9213158.311	409.082
16924063	Pass	0.096	0.148	0.571	2	451217.155	9213464.062	409.613
16924140	Pass	0.093	0.113	0.560	2	451255.773	9213313.607	409.631
16924286	Pass	0.078	0.086	0.312	3	451333.257	9213150.995	408.582
16924562	Pass	0.074	0.074	0.302	3	451341.029	9212935.668	413.369
16925045	Pass	0.080	0.085	0.312	3	451137.470	9213070.691	417.501
16926458	Pass	0.099	0.088	0.327	3	450914.920	9212971.930	420.655
16926602	Pass	0.112	0.089	0.331	3	450818.166	9212856.439	433.286
16926762	Pass	0.095	0.084	0.315	3	450944.115	9212810.786	440.556
16927268	Pass	0.128	0.094	0.350	3	450727.578	9212892.303	420.097
16950792	Pass	0.117	0.073	0.417	3	451245.656	9211846.737	435.380
16954790	Pass	0.065	0.070	0.293	3	451986.538	9211648.943	655.113
16954935	Pass	0.067	0.066	0.287	3	452017.672	9211577.043	663.981
16955323	Pass	0.063	0.072	0.316	3	451852.262	9211655.463	625.822
16957570	Pass	0.207	0.096	0.747	2	451278.829	9211757.863	447.950
16957771	Pass	0.107	0.075	0.423	3	451459.777	9211546.007	515.808
16957934	Pass	0.103	0.079	0.367	3	451478.636	9211406.905	612.790
16958101	Pass	0.092	0.083	0.337	3	451549.602	9211314.964	665.814
16959221	Pass	0.259	0.117	0.727	2	451147.028	9211453.834	499.241
16960734	Pass	0.088	0.083	0.271	3	452367.381	9211478.641	727.974
16960813	Pass	0.094	0.070	0.279	3	452421.133	9211346.954	702.444
16962298	Pass	0.074	0.118	0.494	2	452139.617	9211281.164	723.987
16962706	Pass	0.063	0.074	0.281	3	452040.629	9211350.771	707.660
16962865	Pass	0.063	0.069	0.275	3	452060.538	9211264.630	718.315
16963025	Pass	0.068	0.064	0.285	3	452157.336	9211195.815	685.168
16965077	Pass	0.103	0.077	0.329	3	451610.670	9211195.525	685.105
16965236	Pass	0.087	0.074	0.306	3	451713.709	9211141.237	707.740
16965396	Pass	0.092	0.077	0.307	3	451694.311	9211038.586	713.043
16965856	Pass	0.199	0.112	0.583	2	451531.457	9211181.790	683.565
16967931	Pass	0.213	0.127	0.604	2	452637.944	9211294.273	571.732
16969336	Pass	0.067	0.074	0.323	3	452245.960	9211063.972	617.215
16970312	Pass	0.064	0.066	0.316	3	452161.940	9210952.625	631.660
16970435	Pass	0.064	0.064	0.310	3	452177.446	9210905.092	641.307
16970961	Pass	0.067	0.069	0.332	3	452069.498	9210979.783	617.511
16972619	Pass	0.109	0.071	0.317	3	451733.046	9210861.369	728.596
16972778	Pass	0.088	0.066	0.329	3	451871.612	9210821.378	657.013
16972938	Pass	0.090	0.069	0.316	3	451863.548	9210707.105	697.237
16973451	Pass	0.134	0.073	0.328	3	451620.510	9210825.421	739.460
16980266	Pass	0.092	0.065	0.281	3	451900.332	9210568.677	734.637
16980426	Pass	0.083	0.064	0.275	3	451963.952	9210547.167	734.828

16980599	Pass	0.078	0.064	0.274	3	452019.697	9210429.983	731.578
17002278	Pass	0.075	0.083	0.374	3	452808.340	9209857.101	473.858
17002418	Pass	0.078	0.072	0.332	3	452849.939	9209738.180	548.301
17002555	Pass	0.080	0.070	0.327	3	452867.853	9209694.446	559.348
17005165	Pass	0.145	0.083	0.616	2	452256.602	9209831.659	558.177
17005379	Pass	0.105	0.074	0.370	3	452350.267	9209642.106	602.659
17005534	Pass	0.114	0.082	0.367	3	452312.474	9209518.963	634.922
17005691	Pass	0.101	0.085	0.351	3	452409.250	9209467.806	651.147
17009611	Pass	0.076	0.089	0.341	3	452926.976	9209583.576	532.780
17010687	Pass	0.075	0.074	0.256	4	453016.275	9209263.032	508.390
17010735	Pass	0.075	0.074	0.256	4	453028.696	9209277.925	505.597
17012755	Pass	0.111	0.086	0.349	3	452484.537	9209351.971	633.035
17012902	Pass	0.104	0.087	0.350	3	452548.077	9209241.990	608.100
17013057	Pass	0.111	0.098	0.379	3	452540.256	9209088.213	568.906
17017077	Pass	0.079	0.085	0.333	3	453101.229	9209187.926	519.048
17017362	Pass	0.085	0.077	0.306	3	453170.771	9209004.598	592.319
17017964	Pass	0.079	0.081	0.316	3	452998.272	9209042.861	586.880
17020250	Pass	0.118	0.092	0.363	3	452584.583	9209000.488	566.750
17020405	Pass	0.106	0.090	0.360	3	452670.106	9208962.962	542.038
17020565	Pass	0.112	0.095	0.363	3	452642.729	9208855.350	548.867
17026055	Pass	0.079	0.077	0.255	4	453214.391	9208590.582	448.271
17026826	Pass	0.081	0.079	0.263	4	453141.724	9208574.331	443.361
17027639	Pass	0.090	0.082	0.276	4	453005.440	9208516.518	449.092
17028414	Pass	0.116	0.092	0.300	4	452774.018	9208410.922	477.394
17028519	Pass	0.123	0.094	0.385	3	452855.779	9208435.834	465.172
17029349	Pass	0.120	0.093	0.303	4	452751.015	9208397.623	482.096
17030020	Pass	0.148	0.103	0.329	4	452590.926	9208322.615	482.799
17030045	Pass	0.259	0.125	0.693	2	452567.338	9208319.855	487.569
17032456	Pass	0.079	0.098	0.331	3	453338.647	9208666.204	503.642
17032845	Pass	0.077	0.077	0.237	4	453484.093	9208345.785	447.841
17035365	Pass	0.083	0.084	0.252	4	453182.282	9208205.295	470.940
17035925	Pass	0.124	0.096	0.372	3	452849.273	9208299.926	509.645
17038837	Pass	0.092	0.079	0.243	4	453910.749	9208172.634	454.360
17040063	Pass	0.082	0.092	0.344	3	453513.251	9208272.516	448.462
17040236	Pass	0.083	0.082	0.321	3	453564.877	9208138.882	508.884
17043251	Pass	0.114	0.097	0.362	3	453013.726	9208057.394	508.074
17043416	Pass	0.112	0.097	0.360	3	453031.226	9207996.969	507.795
17043570	Pass	0.098	0.095	0.342	3	453139.221	9207929.915	538.627
17045780	Pass	0.117	0.109	0.354	3	453975.137	9208139.829	452.824
17045890	Pass	0.127	0.090	0.348	3	454066.391	9207984.010	457.510
17046066	Pass	0.136	0.089	0.348	3	454119.943	9207978.217	462.416
17047419	Pass	0.082	0.085	0.339	3	453673.860	9207884.521	481.278
17047690	Pass	0.086	0.077	0.331	3	453733.181	9207729.828	506.929
17048041	Pass	0.080	0.095	0.339	3	453623.202	9207994.595	488.803
17050454	Pass	0.106	0.095	0.344	3	453200.907	9207799.867	579.072
17050593	Pass	0.178	0.119	0.617	2	453143.968	9207705.063	577.469
17050607	Pass	0.114	0.095	0.362	3	453178.743	9207609.245	535.781
17050756	Pass	0.117	0.098	0.374	3	453171.916	9207550.175	507.880
17052900	Pass	0.124	0.103	0.337	3	454204.563	9207800.204	454.470
17053060	Pass	0.127	0.099	0.339	3	454222.899	9207764.095	446.518
17053258	Pass	0.133	0.083	0.333	3	454284.627	9207609.952	452.083

17054526	Pass	0.078	0.092	0.325	3	453758.000	9207667.849	490.413
17055482	Pass	0.079	0.082	0.327	3	453797.984	9207551.324	472.522
17055643	Pass	0.079	0.077	0.327	3	453802.215	9207447.549	472.545
17057788	Pass	0.105	0.089	0.346	3	453345.845	9207418.960	532.282
17057947	Pass	0.113	0.091	0.353	3	453307.306	9207286.967	532.462
17057960	Pass	0.111	0.091	0.353	3	453323.198	9207276.031	528.472
17060189	Pass	0.115	0.099	0.327	3	454308.952	9207443.390	463.247
17060342	Pass	0.119	0.088	0.322	3	454358.449	9207343.849	460.722
17061791	Pass	0.076	0.084	0.318	3	453918.445	9207279.545	469.741
17061847	Pass	0.077	0.077	0.319	3	453962.266	9207182.595	455.124
17061992	Pass	0.078	0.074	0.317	3	453984.802	9207126.628	456.649
17064500	Pass	0.177	0.121	0.576	2	453242.438	9207417.487	544.530
17064783	Pass	0.103	0.087	0.340	3	453464.086	9207094.546	504.019
17064894	Pass	0.119	0.091	0.353	3	453372.450	9206986.016	500.195
17065050	Pass	0.110	0.090	0.351	3	453434.479	9206932.350	486.588
17067184	Pass	0.187	0.109	0.556	2	454429.141	9207084.422	475.848
17067323	Pass	0.108	0.087	0.295	3	454481.718	9207017.053	484.054
17067415	Pass	0.177	0.154	0.536	2	454563.104	9206916.501	504.723
17068832	Pass	0.071	0.076	0.293	3	454086.962	9206869.356	477.939
17068931	Pass	0.073	0.068	0.283	3	454145.880	9206725.266	498.628
17069325	Pass	0.070	0.081	0.301	3	453970.129	9206894.262	475.686
17071575	Pass	0.108	0.085	0.336	3	453554.745	9206719.860	486.571
17071729	Pass	0.115	0.087	0.338	3	453523.477	9206637.563	490.716
17071871	Pass	0.107	0.089	0.335	3	453589.276	9206511.454	487.216
17073760	Pass	0.194	0.113	0.541	2	454628.642	9206749.186	481.632
17073887	Pass	0.102	0.088	0.293	3	454597.500	9206677.311	488.843
17074101	Pass	0.117	0.082	0.299	3	454706.657	9206589.124	471.921
17075234	Pass	0.069	0.078	0.282	3	454223.546	9206563.081	511.955
17075391	Pass	0.075	0.069	0.282	3	454302.612	9206375.093	500.494
17075944	Pass	0.070	0.074	0.295	3	454127.287	9206466.163	480.189
17077870	Pass	0.113	0.086	0.332	3	453678.048	9206320.586	500.923
17077891	Pass	0.101	0.083	0.324	3	453760.463	9206306.750	493.439
17078052	Pass	0.096	0.085	0.318	3	453822.611	9206177.282	500.734
17079719	Pass	0.115	0.100	0.316	3	454800.233	9206367.167	464.949
17079933	Pass	0.202	0.103	0.564	2	454788.539	9206316.059	460.831
17080042	Pass	0.127	0.083	0.320	3	454884.540	9206142.865	449.225
17081661	Pass	0.085	0.082	0.561	2	454245.449	9206149.915	454.504
17081815	Pass	0.077	0.077	0.314	3	454325.829	9206084.523	454.905
17081983	Pass	0.081	0.075	0.314	3	454420.276	9206005.662	450.880
17083820	Pass	0.102	0.085	0.330	3	453946.531	9206008.249	504.738
17083914	Pass	0.110	0.088	0.333	3	453899.095	9205940.198	515.360
17084042	Pass	0.115	0.095	0.341	3	453905.265	9205784.386	511.533
17084494	Pass	0.207	0.117	0.592	2	453777.352	9205930.762	526.429
17085775	Pass	0.116	0.103	0.330	3	454925.120	9205983.459	436.975
17085935	Pass	0.121	0.104	0.330	3	454961.859	9205987.259	440.851
17086034	Pass	0.127	0.095	0.329	3	455009.835	9205876.732	438.513
17087610	Pass	0.083	0.086	0.336	3	454399.507	9205762.564	438.552
17087770	Pass	0.084	0.085	0.327	3	454539.301	9205767.121	436.996
17087929	Pass	0.085	0.083	0.333	3	454486.355	9205640.167	434.993
17090028	Pass	0.132	0.097	0.362	3	453968.075	9205570.933	504.103
17090171	Pass	0.109	0.093	0.347	3	454131.264	9205539.778	485.639

17090331	Pass	0.116	0.098	0.356	3	454102.462	9205448.362	486.788
17092155	Pass	0.118	0.106	0.333	3	455055.083	9205606.992	434.973
17092236	Pass	0.121	0.103	0.333	3	455083.047	9205565.709	429.865
17092329	Pass	0.142	0.095	0.337	3	455233.008	9205425.604	431.983
17093465	Pass	0.088	0.094	0.330	3	454704.064	9205463.919	430.218
17093557	Pass	0.090	0.091	0.327	3	454728.852	9205400.107	431.362
17094351	Pass	0.093	0.088	0.325	3	454752.834	9205264.941	433.216
17096441	Pass	0.128	0.101	0.358	3	454182.824	9205237.707	479.791
17096544	Pass	0.117	0.099	0.351	3	454259.937	9205224.010	469.406
17096629	Pass	0.128	0.108	0.357	3	454216.729	9205049.252	485.470
17098219	Pass	0.202	0.131	0.588	2	455224.003	9205295.591	420.128
17098386	Pass	0.135	0.102	0.335	3	455306.061	9205144.554	420.358
17098462	Pass	0.135	0.102	0.336	3	455312.429	9205143.144	420.084
17099617	Pass	0.093	0.099	0.322	3	454870.636	9205094.604	431.303
17099679	Pass	0.094	0.096	0.316	3	454892.395	9205032.486	436.982
17099856	Pass	0.098	0.092	0.314	3	454952.159	9204893.122	437.335
17102487	Pass	0.122	0.104	0.335	3	454385.468	9204892.382	476.335
17102629	Pass	0.119	0.105	0.332	3	454412.382	9204827.902	474.790
17102773	Pass	0.111	0.107	0.316	3	454505.666	9204693.746	508.027
17104468	Pass	0.121	0.114	0.345	3	455330.077	9204891.065	416.816
17104580	Pass	0.142	0.107	0.347	3	455496.607	9204813.204	416.172
17104763	Pass	0.129	0.096	0.338	3	455421.793	9204667.572	419.685
17105918	Pass	0.095	0.105	0.334	3	455010.036	9204767.390	425.276
17105993	Pass	0.095	0.101	0.330	3	455033.052	9204701.585	425.926
17106137	Pass	0.098	0.094	0.329	3	455090.686	9204575.961	424.145
17106738	Pass	0.099	0.137	0.590	2	454918.703	9204557.753	436.505
17108808	Pass	0.136	0.110	0.345	3	454451.721	9204487.678	507.892
17108933	Pass	0.131	0.109	0.345	3	454485.931	9204474.561	494.057
17109082	Pass	0.114	0.106	0.343	3	454624.801	9204415.995	463.028
17110840	Pass	0.133	0.115	0.351	3	455592.233	9204532.592	419.086
17111093	Pass	0.128	0.102	0.340	3	455579.981	9204410.292	429.484
17111142	Pass	0.140	0.098	0.344	3	455676.355	9204351.320	427.429
17112031	Pass	0.101	0.166	0.600	2	455032.773	9204689.823	428.132
17112429	Pass	0.093	0.096	0.336	3	455213.694	9204259.336	433.256
17113007	Pass	0.092	0.102	0.349	3	455041.314	9204315.583	425.962
17113035	Pass	0.103	0.168	0.621	2	455016.025	9204314.094	426.589
17113323	Pass	0.093	0.092	0.334	3	455211.316	9204138.903	442.712
17115030	Pass	0.162	0.127	0.595	2	454577.095	9204446.037	467.358
17115142	Pass	0.132	0.108	0.378	3	454627.120	9204138.460	449.760
17115268	Pass	0.137	0.110	0.383	3	454603.398	9204076.209	444.718
17115339	Pass	0.121	0.108	0.373	3	454719.069	9203966.650	446.875
17117209	Pass	0.130	0.116	0.344	3	455738.481	9204197.306	448.741
17117361	Pass	0.128	0.109	0.338	3	455743.112	9204134.129	454.089
17117510	Pass	0.123	0.089	0.346	3	455733.636	9203904.936	423.550
17119029	Pass	0.089	0.096	0.335	3	455336.964	9203944.638	442.690
17119491	Pass	0.087	0.101	0.340	3	455255.984	9203995.422	443.759
17119805	Pass	0.087	0.089	0.333	3	455323.693	9203795.050	447.177
17121554	Pass	0.132	0.105	0.384	3	454756.890	9203786.033	436.476
17121712	Pass	0.113	0.100	0.366	3	454881.224	9203713.986	443.152
17121870	Pass	0.118	0.101	0.371	3	454851.690	9203646.555	441.421
17123659	Pass	0.110	0.104	0.342	3	455782.294	9203757.643	421.338

17123739	Pass	0.113	0.103	0.340	3	455813.606	9203745.366	424.169
17123766	Pass	0.203	0.158	0.605	2	456005.821	9203588.891	410.832
17125559	Pass	0.081	0.092	0.324	3	455369.002	9203578.494	460.242
17125717	Pass	0.082	0.091	0.320	3	455458.780	9203580.970	458.800
17125877	Pass	0.080	0.084	0.319	3	455430.782	9203462.375	459.020
17127792	Pass	0.124	0.097	0.374	3	454922.731	9203402.314	420.667
17127949	Pass	0.118	0.096	0.367	3	454958.344	9203334.946	425.335
17128109	Pass	0.100	0.094	0.364	3	455102.893	9203204.125	413.188
17129479	Pass	0.116	0.105	0.339	3	456026.451	9203435.547	408.461
17129511	Pass	0.114	0.101	0.337	3	456016.188	9203402.625	408.264
17129594	Pass	0.120	0.086	0.336	3	456080.711	9203245.117	404.882
17130541	Pass	0.079	0.091	0.328	3	455623.480	9203286.729	410.480
17131328	Pass	0.077	0.086	0.329	3	455546.207	9203207.298	407.662
17131483	Pass	0.078	0.077	0.329	3	455657.853	9203038.679	404.150
17133263	Pass	0.115	0.091	0.360	3	455091.064	9203030.019	407.121
17133362	Pass	0.109	0.090	0.357	3	455137.981	9202961.375	406.331
17133420	Pass	0.098	0.091	0.357	3	455235.748	9202836.643	405.328
17134781	Pass	0.106	0.100	0.340	3	456126.852	9203054.862	402.237
17134951	Pass	0.123	0.092	0.339	3	456260.332	9202972.543	401.988
17135040	Pass	0.130	0.085	0.340	3	456320.607	9202884.167	402.048
17135982	Pass	0.077	0.079	0.332	3	455830.538	9202807.419	404.971
17136145	Pass	0.078	0.075	0.331	3	455868.464	9202724.766	403.947
17136388	Pass	0.074	0.084	0.339	3	455697.860	9202856.270	405.671
17138464	Pass	0.126	0.090	0.386	3	455185.100	9202684.579	406.524
17138622	Pass	0.097	0.084	0.364	3	455373.041	9202620.341	405.474
17138684	Pass	0.110	0.089	0.374	3	455292.146	9202535.635	407.289
17140092	Pass	0.109	0.102	0.343	3	456308.095	9202715.685	403.645
17140169	Pass	0.110	0.088	0.336	3	456333.471	9202593.736	401.453
17140364	Pass	0.120	0.085	0.337	3	456414.328	9202560.662	403.485
17141331	Pass	0.077	0.071	0.331	3	456045.409	9202325.693	405.361
17141676	Pass	0.072	0.085	0.345	3	455819.184	9202526.701	405.676
17141836	Pass	0.072	0.075	0.334	3	455943.246	9202406.318	404.015
17143807	Pass	0.121	0.087	0.389	3	455362.918	9202328.516	405.016
17143960	Pass	0.107	0.084	0.375	3	455451.274	9202294.116	407.900
17144115	Pass	0.113	0.089	0.381	3	455427.148	9202124.026	407.580
17145670	Pass	0.110	0.102	0.347	3	456480.475	9202361.944	400.652
17145823	Pass	0.113	0.093	0.341	3	456511.802	9202290.725	403.413
17145920	Pass	0.123	0.078	0.340	3	456607.048	9202132.038	403.697
17146531	Pass	0.071	0.086	0.340	3	456100.754	9202217.322	402.014
17146726	Pass	0.074	0.069	0.327	3	456189.665	9201999.604	410.007
17147316	Pass	0.069	0.076	0.332	3	456042.126	9202085.631	412.285
17149262	Pass	0.110	0.082	0.373	3	455566.872	9201953.231	409.058
17149419	Pass	0.111	0.083	0.372	3	455571.852	9201805.156	409.269
17149575	Pass	0.088	0.080	0.358	3	455743.122	9201742.765	410.850
17150824	Pass	0.117	0.100	0.341	3	456706.304	9202002.515	400.190
17150889	Pass	0.119	0.091	0.335	3	456733.230	9201930.901	401.670
17150935	Pass	0.167	0.147	0.603	2	456699.772	9201754.600	400.407
17151485	Pass	0.068	0.080	0.324	3	456274.511	9201817.439	406.425
17151596	Pass	0.069	0.073	0.319	3	456301.634	9201744.168	407.502
17152209	Pass	0.069	0.068	0.316	3	456305.424	9201672.105	410.559
17153984	Pass	0.109	0.076	0.359	3	455716.529	9201563.540	409.979

17154025	Pass	0.103	0.075	0.353	3	455751.383	9201513.796	411.507
17154165	Pass	0.094	0.081	0.349	3	455825.385	9201344.091	411.203
17155117	Pass	0.103	0.092	0.333	3	456784.641	9201586.907	414.114
17155168	Pass	0.104	0.083	0.331	3	456801.829	9201504.645	406.262
17155295	Pass	0.118	0.072	0.334	3	456911.253	9201373.421	402.260
17156016	Pass	0.073	0.064	0.318	3	456530.190	9201216.207	414.836
17156339	Pass	0.065	0.077	0.326	3	456373.215	9201446.045	415.886
17156504	Pass	0.064	0.069	0.318	3	456347.602	9201321.264	423.796
17158378	Pass	0.091	0.073	0.347	3	455958.170	9201268.064	420.707
17158488	Pass	0.086	0.072	0.335	3	456002.098	9201162.951	430.412
17158549	Pass	0.084	0.072	0.333	3	456023.404	9201119.083	429.632
17160037	Pass	0.104	0.099	0.345	3	456930.072	9201265.599	403.973
17160066	Pass	0.125	0.086	0.340	3	457094.574	9201143.383	412.410
17160176	Pass	0.109	0.071	0.331	3	456998.573	9200990.952	417.796
17160978	Pass	0.069	0.074	0.328	3	456617.874	9201038.777	412.397
17161475	Pass	0.067	0.077	0.333	3	456562.913	9201072.517	408.467
17161793	Pass	0.070	0.066	0.332	3	456626.739	9200884.639	401.933
17163642	Pass	0.112	0.076	0.362	3	456005.460	9200830.811	444.974
17163753	Pass	0.104	0.075	0.358	3	456058.601	9200772.130	436.936
17163900	Pass	0.098	0.081	0.361	3	456115.747	9200640.648	425.716
17165952	Pass	0.106	0.093	0.337	3	457107.813	9200853.240	427.313
17166028	Pass	0.102	0.087	0.332	3	457084.608	9200806.226	429.998
17166112	Pass	0.118	0.077	0.339	3	457211.855	9200681.753	415.028
17166945	Pass	0.071	0.074	0.334	3	456779.304	9200662.323	406.619
17167218	Pass	0.068	0.076	0.338	3	456710.432	9200684.969	403.797
17167502	Pass	0.068	0.067	0.333	3	456706.238	9200511.747	408.125
17169345	Pass	0.098	0.075	0.363	3	456258.289	9200513.422	410.257
17169500	Pass	0.108	0.076	0.368	3	456208.251	9200390.003	408.735
17169605	Pass	0.091	0.074	0.353	3	456327.323	9200373.147	418.746
17171500	Pass	0.101	0.097	0.348	3	457220.586	9200517.205	418.712
17171652	Pass	0.120	0.095	0.347	3	457363.654	9200490.665	425.186
17171660	Pass	0.124	0.081	0.341	3	457401.430	9200358.916	428.006
17172253	Pass	0.072	0.074	0.339	3	456940.482	9200288.645	408.125
17172593	Pass	0.067	0.078	0.347	3	456809.228	9200333.861	404.768
17172843	Pass	0.076	0.066	0.337	3	456992.242	9200116.751	410.378
17174239	Pass	0.092	0.072	0.355	3	456456.673	9200140.798	424.755
17174362	Pass	0.094	0.071	0.354	3	456445.834	9200088.884	426.883
17174521	Pass	0.088	0.074	0.351	3	456512.604	9199935.023	432.502
17175958	Pass	0.104	0.096	0.348	3	457384.170	9200141.705	425.513
17176047	Pass	0.106	0.082	0.331	3	457423.742	9200016.924	450.261
17176089	Pass	0.107	0.074	0.325	3	457441.773	9199917.553	463.545
17177502	Pass	0.068	0.077	0.345	3	456942.186	9199950.695	411.136
17177551	Pass	0.068	0.073	0.342	3	456955.727	9199897.814	410.998
17177666	Pass	0.071	0.066	0.336	3	457044.379	9199751.976	417.925
17179127	Pass	0.093	0.072	0.355	3	456592.610	9199814.943	432.213
17179283	Pass	0.101	0.072	0.364	3	456543.369	9199696.353	413.871
17179443	Pass	0.095	0.077	0.363	3	456604.244	9199549.596	411.923
17180744	Pass	0.184	0.106	0.552	2	457561.176	9199770.292	492.471
17180896	Pass	0.102	0.084	0.316	3	457546.876	9199672.575	492.961
17180977	Pass	0.108	0.075	0.314	3	457607.375	9199555.317	492.314
17182463	Pass	0.075	0.068	0.322	3	457290.164	9199427.710	452.326

17182665	Pass	0.070	0.080	0.343	3	457173.589	9199629.164	434.672
17182822	Pass	0.068	0.069	0.331	3	457122.889	9199439.161	439.429
17184552	Pass	0.175	0.110	0.643	2	456522.178	9199751.749	420.579
17184813	Pass	0.113	0.074	0.376	3	456617.957	9199410.229	417.535
17184973	Pass	0.109	0.074	0.365	3	456643.936	9199354.887	428.671
17185133	Pass	0.094	0.078	0.351	3	456761.909	9199173.828	435.155
17186556	Pass	0.191	0.112	0.562	2	457723.742	9199418.950	486.283
17186575	Pass	0.188	0.100	0.561	2	457718.272	9199365.143	484.993
17186689	Pass	0.109	0.079	0.316	3	457760.480	9199229.777	484.512
17187777	Pass	0.072	0.073	0.314	3	457397.482	9199163.403	467.258
17188377	Pass	0.068	0.078	0.325	3	457295.426	9199221.080	456.843
17190838	Pass	0.106	0.073	0.346	3	456776.956	9199004.019	445.575
17190996	Pass	0.096	0.072	0.338	3	456851.471	9198915.363	444.371
17191157	Pass	0.088	0.075	0.334	3	456915.325	9198799.733	449.593
17192940	Pass	0.100	0.092	0.311	3	457838.402	9199007.561	482.822
17192941	Pass	0.106	0.095	0.315	3	457886.206	9199033.156	481.846
17193163	Pass	0.181	0.156	0.563	2	457994.642	9198866.436	481.486
17199279	Pass	0.106	0.094	0.308	3	458053.498	9198670.230	481.031
17199418	Pass	0.099	0.090	0.304	3	457996.939	9198634.997	482.975
17199521	Pass	0.102	0.078	0.300	3	458039.849	9198509.457	482.913
17205380	Pass	0.097	0.091	0.299	3	458143.077	9198280.990	480.916
17205431	Pass	0.097	0.090	0.300	3	458148.417	9198270.068	478.293
17209521	Pass	0.071	0.064	0.267	3	457429.919	9197731.215	516.694
17211427	Pass	0.101	0.092	0.310	3	458326.456	9197921.693	453.300
17211454	Pass	0.111	0.090	0.311	3	458406.427	9197891.549	451.555
17217275	Pass	0.114	0.098	0.315	3	458573.519	9197593.099	445.417
17217297	Pass	0.114	0.097	0.315	3	458574.287	9197587.370	445.317
17217335	Pass	0.178	0.144	0.568	2	458635.511	9197367.026	443.524
17223408	Pass	0.121	0.103	0.320	3	458756.204	9197261.457	441.605
17223931	Pass	0.077	0.066	0.293	3	458437.387	9196868.025	444.872
17225883	Pass	0.065	0.062	0.283	3	458045.142	9196809.159	460.488
17228472	Pass	0.120	0.097	0.364	3	458726.487	9196678.462	443.101
17228696	Pass	0.204	0.133	0.593	2	458857.469	9196939.919	427.219
17228703	Pass	0.194	0.105	0.586	2	458831.097	9196820.231	427.894
17230509	Pass	0.077	0.067	0.282	3	458283.231	9196479.570	456.493
17233001	Pass	0.067	0.067	0.276	3	457871.402	9196223.834	462.312
17285507	Pass	0.110	0.092	0.293	3	457642.880	9195594.317	452.507
17285638	Pass	0.115	0.078	0.288	3	457577.280	9195753.536	460.580
17290169	Pass	0.107	0.092	0.298	3	457850.366	9195248.237	446.351
17290388	Pass	0.112	0.102	0.298	3	457643.455	9195503.254	453.954
17290585	Pass	0.106	0.086	0.293	3	457842.536	9195320.122	453.191
17290778	Pass	0.088	0.087	0.295	3	458024.637	9195300.052	445.557
17290799	Pass	0.078	0.081	0.293	3	458156.384	9195391.107	444.942
17291406	Pass	0.074	0.083	0.302	3	458340.729	9195377.460	435.640
17291629	Pass	0.075	0.073	0.293	3	458174.711	9195576.711	440.215
17292117	Pass	0.074	0.077	0.299	3	458350.127	9195500.498	434.748
17293346	Pass	0.097	0.080	0.317	3	458677.358	9195560.385	431.418
17293507	Pass	0.087	0.078	0.310	3	458585.978	9195654.242	430.493
17293997	Pass	0.124	0.084	0.330	3	458872.715	9195697.630	429.439
17294279	Pass	0.109	0.087	0.324	3	458768.743	9195829.261	428.861
17295505	Pass	0.108	0.099	0.305	3	458034.495	9194828.978	450.385

17295547	Pass	0.117	0.086	0.303	3	457932.780	9194974.701	448.776
17295819	Pass	0.097	0.099	0.307	3	458137.806	9194828.793	447.026
17295836	Pass	0.098	0.083	0.302	3	458100.245	9195012.997	442.207
17296929	Pass	0.079	0.087	0.315	3	458483.563	9194980.566	437.163
17297095	Pass	0.077	0.078	0.308	3	458429.060	9195180.231	436.473
17297700	Pass	0.079	0.087	0.316	3	458516.223	9194996.844	436.473
17298020	Pass	0.079	0.079	0.315	3	458548.827	9195277.401	435.544
17298179	Pass	0.076	0.081	0.304	3	458419.313	9195421.194	434.830
17299283	Pass	0.101	0.085	0.335	3	458820.246	9195127.810	432.305
17299425	Pass	0.093	0.084	0.329	3	458740.733	9195336.332	431.162
17300059	Pass	0.127	0.087	0.350	3	458997.998	9195222.759	430.942
17300199	Pass	0.125	0.092	0.349	3	458980.081	9195417.733	430.380
17301648	Pass	0.111	0.099	0.297	3	458162.218	9194466.318	492.723
17301777	Pass	0.111	0.091	0.300	3	458152.932	9194568.611	473.581
17302273	Pass	0.095	0.095	0.306	3	458323.724	9194508.800	464.570
17302499	Pass	0.105	0.082	0.301	3	458201.828	9194701.784	467.030
17303595	Pass	0.081	0.085	0.311	3	458530.824	9194653.782	447.697
17303689	Pass	0.083	0.080	0.309	3	458473.891	9194759.672	445.077
17304314	Pass	0.081	0.085	0.318	3	458665.147	9194685.231	442.320
17304475	Pass	0.080	0.080	0.318	3	458627.588	9194818.008	437.501
17305844	Pass	0.120	0.089	0.350	3	459079.987	9194800.236	439.556
17306005	Pass	0.109	0.089	0.344	3	458991.972	9194969.894	435.461
17306581	Pass	0.146	0.092	0.368	3	459231.230	9194883.852	434.378
17306741	Pass	0.142	0.098	0.367	3	459195.588	9195047.469	433.224
17308156	Pass	0.111	0.099	0.299	3	458337.303	9194097.255	476.192
17308243	Pass	0.124	0.095	0.298	3	458216.808	9194154.992	483.808
17308403	Pass	0.113	0.085	0.295	3	458297.420	9194287.564	477.825
17308824	Pass	0.095	0.097	0.297	3	458486.757	9194114.155	476.075
17309522	Pass	0.084	0.091	0.304	3	458677.406	9194208.151	453.355
17309682	Pass	0.085	0.085	0.301	3	458635.920	9194298.905	453.636
17310581	Pass	0.087	0.080	0.302	3	458591.608	9194430.354	451.953
17310912	Pass	0.086	0.085	0.314	3	458909.835	9194404.360	446.484
17312517	Pass	0.108	0.089	0.327	3	459138.105	9194501.718	459.644
17312839	Pass	0.115	0.095	0.342	3	459164.961	9194664.170	443.043
17313296	Pass	0.149	0.098	0.360	3	459386.346	9194599.436	444.717
17313638	Pass	0.128	0.099	0.350	3	459251.930	9194692.718	447.432
17314850	Pass	0.119	0.098	0.292	3	458418.170	9193753.734	494.199
17315125	Pass	0.122	0.088	0.283	3	458375.920	9193864.194	518.509
17315728	Pass	0.096	0.090	0.286	3	458624.835	9193841.378	486.368
17315831	Pass	0.101	0.085	0.282	3	458565.932	9193906.726	493.299
17316393	Pass	0.085	0.086	0.293	3	458798.122	9193922.112	462.383
17316577	Pass	0.086	0.083	0.290	3	458768.218	9194000.555	464.253
17317937	Pass	0.089	0.090	0.311	3	459113.901	9193957.572	449.485
17318100	Pass	0.083	0.084	0.291	3	458965.191	9194068.585	477.016
17318995	Pass	0.098	0.092	0.316	3	459197.929	9194236.570	452.778
17319464	Pass	0.104	0.091	0.322	3	459272.697	9194095.619	446.833
17320271	Pass	0.204	0.131	0.601	2	459590.433	9194159.846	441.026
17320431	Pass	0.133	0.102	0.344	3	459460.594	9194280.015	443.803
17321934	Pass	0.112	0.096	0.298	3	458650.154	9193414.773	504.538
17322068	Pass	0.114	0.090	0.302	3	458630.285	9193505.590	484.180
17322720	Pass	0.099	0.098	0.299	3	458776.540	9193397.414	505.299

17323095	Pass	0.099	0.084	0.298	3	458759.915	9193607.098	483.009
17324406	Pass	0.084	0.088	0.311	3	459076.390	9193599.378	466.050
17324567	Pass	0.086	0.084	0.312	3	458982.032	9193691.276	452.588
17324590	Pass	0.085	0.087	0.315	3	459091.476	9193654.375	455.147
17325199	Pass	0.089	0.090	0.325	3	459243.309	9193630.858	453.978
17326830	Pass	0.106	0.093	0.340	3	459420.095	9193739.460	446.771
17327151	Pass	0.102	0.096	0.337	3	459366.935	9193880.190	446.367
17327667	Pass	0.147	0.102	0.368	3	459696.848	9193764.341	452.281
17329437	Pass	0.114	0.097	0.290	3	458781.886	9193038.197	555.756
17329627	Pass	0.121	0.091	0.296	3	458724.834	9193121.435	538.819
17330098	Pass	0.098	0.098	0.298	3	458950.174	9193014.883	538.083
17330247	Pass	0.107	0.090	0.294	3	458841.526	9193134.728	533.077
17331739	Pass	0.085	0.088	0.307	3	459164.017	9193199.388	503.639
17332064	Pass	0.087	0.084	0.309	3	459111.682	9193325.194	495.794
17332550	Pass	0.086	0.092	0.324	3	459313.223	9193158.023	485.892
17332710	Pass	0.085	0.086	0.315	3	459255.176	9193307.732	489.790
17334132	Pass	0.114	0.093	0.354	3	459627.337	9193361.188	453.942
17334292	Pass	0.110	0.095	0.352	3	459589.121	9193452.281	451.908
17334580	Pass	0.127	0.097	0.355	3	459579.870	9193721.948	451.056
17334881	Pass	0.154	0.101	0.382	3	459875.047	9193391.919	449.747
17335042	Pass	0.138	0.104	0.372	3	459775.355	9193538.894	447.071
17336502	Pass	0.122	0.105	0.323	3	458909.687	9192563.852	506.601
17336666	Pass	0.114	0.093	0.307	3	458949.440	9192705.372	522.483
17337306	Pass	0.098	0.092	0.309	3	459104.407	9192702.931	514.667
17337466	Pass	0.099	0.084	0.302	3	459089.542	9192852.508	524.746
17338927	Pass	0.085	0.087	0.322	3	459437.100	9192837.239	497.653
17339087	Pass	0.085	0.085	0.319	3	459399.356	9192895.186	498.615
17339896	Pass	0.089	0.086	0.329	3	459512.063	9192971.365	488.466
17340557	Pass	0.102	0.089	0.348	3	459684.005	9192944.992	472.058
17341352	Pass	0.124	0.094	0.367	3	459844.872	9193049.086	459.308
17341511	Pass	0.122	0.096	0.367	3	459820.120	9193115.447	456.951
17342052	Pass	0.149	0.100	0.385	3	459990.565	9193108.441	452.989
17343646	Pass	0.117	0.103	0.323	3	459098.063	9192194.346	478.438
17343903	Pass	0.119	0.086	0.313	3	459067.037	9192406.271	486.958
17344425	Pass	0.092	0.092	0.314	3	459326.901	9192297.168	486.772
17346112	Pass	0.084	0.087	0.330	3	459626.764	9192413.558	466.920
17346358	Pass	0.085	0.081	0.318	3	459552.023	9192598.054	485.484
17346950	Pass	0.087	0.086	0.330	3	459700.415	9192448.071	474.529
17348600	Pass	0.125	0.093	0.353	3	460029.576	9192703.684	487.058
17348760	Pass	0.122	0.096	0.358	3	459988.693	9192796.490	472.823
17349403	Pass	0.136	0.094	0.358	3	460101.437	9192693.800	491.715
17349563	Pass	0.132	0.100	0.367	3	460046.593	9192827.952	468.204
17349889	Pass	0.143	0.096	0.381	3	459969.590	9193000.650	458.210
17350973	Pass	0.118	0.095	0.307	3	459222.910	9191873.162	472.180
17351042	Pass	0.117	0.084	0.302	3	459218.127	9191995.645	478.545
17351375	Pass	0.118	0.095	0.319	3	459087.715	9192283.070	476.781
17351566	Pass	0.091	0.086	0.314	3	459475.042	9191961.285	447.053
17351609	Pass	0.100	0.093	0.310	3	459379.954	9191882.754	460.168
17353199	Pass	0.083	0.080	0.314	3	459618.073	9192076.546	449.156
17353212	Pass	0.080	0.082	0.317	3	459788.917	9192064.070	460.691
17353521	Pass	0.084	0.076	0.314	3	459635.604	9192236.533	458.720

17353901	Pass	0.084	0.083	0.318	3	459595.432	9192509.249	485.860
17355667	Pass	0.104	0.085	0.328	3	460093.487	9192229.719	495.473
17355827	Pass	0.105	0.090	0.330	3	460063.903	9192407.503	497.739
17356517	Pass	0.147	0.093	0.376	3	460361.181	9192280.154	449.647
17356677	Pass	0.134	0.097	0.356	3	460274.320	9192414.775	479.328
17358169	Pass	0.202	0.114	0.545	2	459393.690	9191446.029	462.034
17358273	Pass	0.120	0.084	0.307	3	459347.580	9191604.420	457.770
17358627	Pass	0.092	0.083	0.313	3	459595.082	9191600.617	436.878
17360176	Pass	0.076	0.081	0.312	3	459821.794	9191620.035	452.170
17360487	Pass	0.081	0.073	0.313	3	459791.702	9191862.383	436.059
17361001	Pass	0.082	0.077	0.331	3	460065.046	9191768.027	429.204
17361344	Pass	0.080	0.075	0.312	3	459947.224	9191940.507	459.061
17361481	Pass	0.088	0.081	0.322	3	459933.841	9192150.953	471.391
17362738	Pass	0.114	0.081	0.348	3	460357.951	9191860.070	457.835
17362884	Pass	0.101	0.081	0.332	3	460250.853	9191932.281	466.989
17363071	Pass	0.096	0.085	0.325	3	460185.187	9192043.222	478.989
17363621	Pass	0.130	0.085	0.363	3	460447.190	9191922.546	445.171
17365591	Pass	0.104	0.093	0.289	3	459595.498	9191122.700	514.082
17365937	Pass	0.113	0.079	0.305	3	459523.934	9191304.944	470.007
17366257	Pass	0.090	0.084	0.277	3	459707.622	9191194.201	534.751
17366442	Pass	0.089	0.073	0.300	3	459735.928	9191358.955	465.999
17366745	Pass	0.094	0.090	0.315	3	459568.640	9191523.265	443.153
17367888	Pass	0.070	0.072	0.303	3	460094.340	9191384.909	467.472
17368118	Pass	0.074	0.069	0.298	3	459986.322	9191519.687	474.831
17368732	Pass	0.072	0.071	0.311	3	460148.528	9191452.549	453.409
17368913	Pass	0.074	0.072	0.318	3	460115.273	9191590.258	438.295
17370197	Pass	0.090	0.075	0.336	3	460411.958	9191524.710	429.446
17370444	Pass	0.087	0.078	0.333	3	460351.927	9191643.939	430.251
17371000	Pass	0.110	0.079	0.351	3	460578.603	9191557.126	428.725
17371154	Pass	0.118	0.087	0.354	3	460611.955	9191696.012	426.692
17372789	Pass	0.104	0.086	0.302	3	459753.526	9190819.821	488.068
17372986	Pass	0.105	0.079	0.299	3	459737.958	9190902.283	489.938
17373572	Pass	0.092	0.086	0.294	3	459852.465	9190811.989	504.556
17373742	Pass	0.093	0.074	0.282	3	459833.642	9190946.721	525.213
17375081	Pass	0.066	0.069	0.276	3	460228.872	9191035.790	544.802
17375229	Pass	0.066	0.068	0.277	3	460223.626	9191063.621	540.270
17375920	Pass	0.068	0.069	0.297	3	460410.551	9191055.622	503.553
17376085	Pass	0.067	0.068	0.303	3	460343.522	9191198.106	477.955
17377685	Pass	0.088	0.071	0.326	3	460644.726	9191173.400	456.225
17377691	Pass	0.088	0.079	0.328	3	460631.099	9191336.869	453.051
17378308	Pass	0.095	0.073	0.323	3	460707.080	9191212.383	475.663
17379604	Pass	0.101	0.085	0.310	3	459951.110	9190454.486	488.204
17380080	Pass	0.095	0.082	0.314	3	460002.283	9190484.226	472.773
17380226	Pass	0.105	0.073	0.315	3	459915.631	9190608.351	469.840
17380717	Pass	0.068	0.078	0.315	3	460266.655	9190512.099	463.512
17381510	Pass	0.065	0.070	0.313	3	460329.015	9190615.981	456.224
17381671	Pass	0.066	0.064	0.307	3	460322.389	9190765.304	462.512
17382459	Pass	0.063	0.064	0.310	3	460397.634	9190794.215	456.524
17383948	Pass	0.080	0.065	0.323	3	460762.380	9190786.549	447.132
17384150	Pass	0.078	0.071	0.321	3	460737.938	9190960.029	451.252
17384698	Pass	0.091	0.068	0.330	3	460859.930	9190885.973	440.676

17384777	Pass	0.102	0.079	0.330	3	460939.160	9191046.020	454.746
17384848	Pass	0.115	0.075	0.335	3	460856.282	9191204.059	475.583
17385784	Pass	0.106	0.092	0.310	3	460057.297	9190027.319	455.023
17385829	Pass	0.104	0.078	0.303	3	460059.663	9190160.387	466.257
17385872	Pass	0.086	0.080	0.302	3	460208.211	9190127.868	458.713
17387155	Pass	0.067	0.062	0.292	3	460397.878	9190382.718	471.665
17387590	Pass	0.063	0.063	0.307	3	460733.883	9190332.381	440.462
17387748	Pass	0.060	0.061	0.303	3	460617.854	9190444.764	444.484
17388072	Pass	0.063	0.067	0.316	3	460531.401	9190667.296	451.485
17388385	Pass	0.069	0.063	0.315	3	460819.983	9190360.972	425.275
17389188	Pass	0.084	0.063	0.320	3	460966.951	9190472.666	425.467
17389511	Pass	0.070	0.065	0.312	3	460830.319	9190560.444	434.494
17389851	Pass	0.099	0.065	0.325	3	461092.840	9190540.664	428.120
17391055	Pass	0.105	0.091	0.298	3	460216.355	9189662.222	461.680
17391112	Pass	0.113	0.073	0.297	3	460140.911	9189855.010	464.345
17391238	Pass	0.084	0.087	0.297	3	460380.824	9189681.563	453.719
17391255	Pass	0.083	0.074	0.293	3	460382.444	9189812.140	455.140
17391485	Pass	0.080	0.084	0.305	3	460273.742	9190077.029	453.221
17391723	Pass	0.067	0.064	0.292	3	460556.003	9189945.913	446.941
17392254	Pass	0.060	0.071	0.302	3	460694.089	9189831.172	431.643
17392267	Pass	0.059	0.070	0.299	3	460776.725	9189842.269	445.954
17392444	Pass	0.060	0.061	0.296	3	460701.567	9190015.312	438.955
17393826	Pass	0.075	0.060	0.300	3	461048.572	9190037.768	457.152
17394476	Pass	0.079	0.061	0.303	3	461095.926	9189989.810	459.851
17394636	Pass	0.081	0.063	0.300	3	461109.279	9190206.530	462.927
17394915	Pass	0.090	0.062	0.322	3	461023.944	9190411.165	429.448
17395112	Pass	0.102	0.062	0.306	3	461286.288	9190147.778	475.438
17396705	Pass	0.097	0.092	0.308	3	460452.162	9189295.286	460.182
17396798	Pass	0.108	0.079	0.308	3	460350.379	9189431.386	455.360
17396933	Pass	0.090	0.083	0.306	3	460498.609	9189367.243	454.206
17396999	Pass	0.089	0.070	0.308	3	460504.455	9189512.403	436.414
17397830	Pass	0.061	0.068	0.302	3	460850.050	9189502.321	446.493
17397841	Pass	0.060	0.065	0.298	3	460911.957	9189534.340	455.245
17397990	Pass	0.068	0.062	0.303	3	460711.383	9189618.925	436.109
17398910	Pass	0.059	0.059	0.291	3	460913.274	9189759.531	467.333
17400131	Pass	0.076	0.058	0.287	3	461226.934	9189740.565	499.318
17400463	Pass	0.073	0.062	0.294	3	461190.216	9189860.038	477.835
17400896	Pass	0.101	0.068	0.308	3	461427.486	9189924.423	471.479
17401192	Pass	0.113	0.063	0.313	3	461516.944	9189827.255	470.791
17401956	Pass	0.106	0.086	0.304	3	460543.408	9189010.457	499.900
17401990	Pass	0.109	0.076	0.311	3	460511.431	9189120.439	474.989
17402464	Pass	0.089	0.081	0.305	3	460677.391	9189044.948	477.836
17403763	Pass	0.061	0.060	0.296	3	460993.519	9189337.245	463.230
17404157	Pass	0.061	0.061	0.291	3	461158.953	9189270.936	480.646
17404317	Pass	0.060	0.059	0.293	3	461066.699	9189333.557	470.625
17404938	Pass	0.072	0.061	0.293	3	461342.374	9189254.206	493.314
17405844	Pass	0.077	0.059	0.284	3	461397.632	9189330.753	517.059
17405973	Pass	0.078	0.061	0.284	3	461402.629	9189459.693	508.307
17406470	Pass	0.156	0.087	0.539	2	461627.057	9189362.252	489.740
17406519	Pass	0.102	0.064	0.303	3	461608.052	9189492.207	483.708
17407399	Pass	0.097	0.089	0.310	3	460783.454	9188635.403	482.753

17474153	Pass	0.108	0.085	0.300	3	457726.055	9196055.430	466.541
17474341	Pass	0.104	0.081	0.294	3	457699.551	9196012.444	477.015
17475164	Pass	0.076	0.083	0.280	3	457341.777	9196016.995	521.958
17475976	Pass	0.076	0.079	0.282	3	457271.705	9195900.330	520.283
17476142	Pass	0.077	0.078	0.282	3	457251.910	9195836.248	525.597
17478225	Pass	0.104	0.088	0.317	3	456896.277	9195820.571	516.023
17478375	Pass	0.121	0.092	0.329	3	456786.080	9195753.673	523.206
17478541	Pass	0.101	0.088	0.309	3	456944.038	9195688.636	527.301
17480671	Pass	0.110	0.097	0.305	3	457870.009	9195801.879	447.094
17480751	Pass	0.112	0.087	0.301	3	457893.750	9195682.533	442.382
17480789	Pass	0.112	0.084	0.299	3	457894.177	9195645.405	443.179
17481763	Pass	0.082	0.080	0.288	3	457549.501	9195556.923	458.958
17482408	Pass	0.078	0.085	0.282	3	457428.114	9195620.815	495.151
17482716	Pass	0.080	0.079	0.280	3	457479.665	9195487.987	489.310
17484900	Pass	0.104	0.090	0.304	3	457092.851	9195351.406	516.910
17485037	Pass	0.103	0.091	0.305	3	457108.180	9195306.615	510.076
17485593	Pass	0.145	0.102	0.328	3	456830.725	9195304.479	564.845
17486890	Pass	0.115	0.100	0.304	3	458041.209	9195433.804	458.354
17486998	Pass	0.114	0.090	0.300	3	458044.018	9195332.718	456.496
17487042	Pass	0.128	0.087	0.311	3	458149.845	9195272.995	440.821
17487920	Pass	0.085	0.084	0.295	3	457694.635	9195222.426	457.610
17487981	Pass	0.089	0.079	0.298	3	457756.117	9195079.272	451.216
17488439	Pass	0.083	0.088	0.296	3	457662.259	9195287.518	459.845
17490804	Pass	0.122	0.094	0.331	3	457133.622	9195059.639	484.251
17490963	Pass	0.126	0.097	0.327	3	457123.701	9194965.831	508.338
17491123	Pass	0.110	0.097	0.320	3	457259.139	9194858.610	505.300
17493079	Pass	0.122	0.108	0.326	3	458214.282	9195116.712	442.343
17493231	Pass	0.123	0.096	0.320	3	458239.085	9195000.501	440.375
17493293	Pass	0.119	0.085	0.316	3	458218.853	9194856.802	444.510
17494871	Pass	0.083	0.089	0.306	3	457739.882	9194879.681	489.935
17495025	Pass	0.084	0.087	0.305	3	457754.648	9194841.092	488.373
17495185	Pass	0.085	0.084	0.300	3	457740.939	9194723.046	504.180
17497330	Pass	0.125	0.096	0.350	3	457298.528	9194686.276	497.548
17497469	Pass	0.115	0.094	0.345	3	457369.380	9194672.871	484.469
17497631	Pass	0.117	0.096	0.341	3	457367.326	9194581.238	499.643
17499814	Pass	0.117	0.105	0.326	3	458338.002	9194714.342	450.473
17499958	Pass	0.114	0.092	0.315	3	458326.812	9194580.848	461.542
17500078	Pass	0.120	0.092	0.310	3	458384.690	9194580.180	475.402
17501356	Pass	0.086	0.086	0.296	3	458014.566	9194439.374	514.039
17501867	Pass	0.083	0.091	0.306	3	457891.803	9194519.239	509.891
17502186	Pass	0.085	0.084	0.291	3	457983.728	9194340.081	536.629
17504357	Pass	0.127	0.100	0.340	3	457425.247	9194326.094	562.178
17504507	Pass	0.114	0.098	0.324	3	457513.061	9194291.166	573.219
17504664	Pass	0.118	0.104	0.322	3	457500.922	9194164.686	596.041
17507008	Pass	0.113	0.107	0.317	3	458470.489	9194385.075	469.148
17507167	Pass	0.118	0.095	0.317	3	458518.570	9194252.836	456.537
17507241	Pass	0.116	0.090	0.316	3	458504.207	9194200.865	455.720
17508524	Pass	0.084	0.091	0.299	3	458128.171	9194180.341	508.455
17508682	Pass	0.089	0.084	0.309	3	458218.195	9193979.945	475.756
17509172	Pass	0.083	0.092	0.297	3	458093.228	9194174.705	518.555
17511658	Pass	0.126	0.103	0.328	3	457571.192	9193969.978	586.290

17553542	Pass	0.080	0.088	0.332	3	458936.644	9192062.095	488.033
17553700	Pass	0.078	0.079	0.326	3	458942.158	9191909.041	492.426
17553701	Pass	0.079	0.081	0.323	3	458983.098	9191954.849	492.378
17556044	Pass	0.122	0.092	0.373	3	458488.210	9191887.139	503.950
17556202	Pass	0.107	0.088	0.352	3	458580.819	9191869.614	517.594
17556362	Pass	0.094	0.087	0.337	3	458679.977	9191692.573	537.504
17558245	Pass	0.119	0.087	0.328	3	459595.775	9191763.476	461.033
17558720	Pass	0.113	0.098	0.333	3	459531.132	9191868.605	453.095
17558827	Pass	0.110	0.094	0.331	3	459512.072	9191831.479	451.942
17560328	Pass	0.078	0.077	0.316	3	459225.878	9191642.192	462.740
17560490	Pass	0.078	0.073	0.312	3	459248.256	9191579.600	471.268
17560967	Pass	0.077	0.090	0.326	3	459154.061	9191791.951	460.338
17563401	Pass	0.108	0.083	0.337	3	458657.396	9191521.527	536.890
17563532	Pass	0.099	0.080	0.329	3	458720.115	9191443.002	529.892
17563692	Pass	0.162	0.088	0.571	2	458678.075	9191330.942	529.174
17565991	Pass	0.109	0.101	0.313	3	459695.781	9191569.226	462.216
17566199	Pass	0.114	0.089	0.312	3	459740.752	9191463.324	455.582
17566288	Pass	0.123	0.080	0.311	3	459824.815	9191350.659	468.856
17568108	Pass	0.069	0.076	0.303	3	459184.691	9191326.845	462.766
17568269	Pass	0.069	0.074	0.302	3	459209.700	9191303.234	460.826
17568428	Pass	0.072	0.069	0.299	3	459346.144	9191220.951	460.791
17570520	Pass	0.103	0.076	0.310	3	458778.157	9191156.971	523.168
17570679	Pass	0.090	0.074	0.302	3	458877.464	9191080.358	522.376
17570711	Pass	0.093	0.075	0.303	3	458854.721	9191052.797	525.981
17573455	Pass	0.096	0.094	0.297	3	459765.174	9191184.952	545.387
17573583	Pass	0.104	0.087	0.293	3	459836.049	9191118.374	551.128
17573723	Pass	0.106	0.081	0.294	3	459855.729	9191053.377	542.500
17575236	Pass	0.075	0.067	0.313	3	459561.316	9190828.439	480.315
17575589	Pass	0.068	0.078	0.314	3	459377.441	9191037.136	493.613
17575751	Pass	0.068	0.073	0.312	3	459405.189	9190962.957	489.578
17577965	Pass	0.105	0.075	0.327	3	458928.029	9190831.516	555.072
17578117	Pass	0.103	0.076	0.326	3	458947.467	9190754.103	552.762
17578153	Pass	0.097	0.076	0.323	3	458991.700	9190701.440	554.480
17580748	Pass	0.102	0.092	0.314	3	459958.922	9190817.315	519.186
17580889	Pass	0.101	0.082	0.319	3	459958.524	9190720.317	495.941
17581018	Pass	0.118	0.079	0.335	3	460073.968	9190668.804	469.889
17582926	Pass	0.069	0.081	0.332	3	459575.453	9190712.687	487.762
17583079	Pass	0.069	0.071	0.313	3	459591.592	9190577.441	512.068
17583245	Pass	0.069	0.068	0.310	3	459593.986	9190435.681	523.681
17585396	Pass	0.093	0.075	0.330	3	459186.187	9190493.918	551.866
17585560	Pass	0.093	0.076	0.329	3	459189.205	9190436.837	551.602
17585710	Pass	0.097	0.083	0.348	3	459192.289	9190256.710	521.103
17588005	Pass	0.107	0.099	0.336	3	460146.156	9190523.296	463.728
17588130	Pass	0.114	0.090	0.330	3	460211.912	9190442.660	471.859
17588419	Pass	0.115	0.076	0.320	3	460240.039	9190309.383	496.923
17589885	Pass	0.073	0.066	0.327	3	459873.624	9190122.265	471.663
17590341	Pass	0.066	0.076	0.314	3	459693.078	9190293.852	510.761
17590501	Pass	0.066	0.073	0.314	3	459707.563	9190262.737	507.794
17592840	Pass	0.118	0.080	0.375	3	459197.844	9190136.766	486.823
17592998	Pass	0.093	0.076	0.343	3	459354.707	9190089.531	514.391
17593158	Pass	0.095	0.081	0.367	3	459365.194	9189940.430	471.047

17627247	Pass	0.206	0.118	0.586	2	461072.364	9188404.887	502.957
17627284	Pass	0.203	0.106	0.588	2	461059.181	9188340.771	498.843
17627340	Pass	0.212	0.091	0.591	2	461087.891	9188181.747	506.199
17628518	Pass	0.119	0.090	0.570	2	460666.375	9188243.754	552.364
17628659	Pass	0.127	0.087	0.569	2	460691.869	9188183.082	561.131
17628834	Pass	0.142	0.094	0.573	2	460745.037	9188051.120	557.871
17631606	Pass	0.139	0.106	0.626	2	460223.309	9188099.349	530.221
17631766	Pass	0.166	0.145	0.644	2	460145.626	9187918.558	561.236
17631926	Pass	0.152	0.147	0.638	2	460223.288	9187885.702	557.987
20140429	Pass	0.390	0.229	0.829	2	446940.471	9209575.736	511.806
20140497	Pass	0.366	0.223	0.807	2	446985.666	9209575.800	522.629
20140658	Pass	0.291	0.206	0.781	2	447161.057	9209582.305	510.474
20140817	Pass	0.271	0.230	0.782	2	447219.488	9209703.854	503.468
20140977	Pass	0.255	0.155	0.651	2	447376.548	9209694.876	512.163
20140980	Pass	0.198	0.160	0.465	3	447328.672	9209832.693	514.570
20141137	Pass	0.187	0.158	0.454	3	447376.207	9209856.384	525.680
20141297	Pass	0.169	0.155	0.442	3	447465.195	9209893.654	537.476
20141457	Pass	0.324	0.191	0.770	2	447069.457	9209407.718	548.362
20142456	Pass	0.284	0.178	0.750	2	447177.141	9209256.428	558.309
20142659	Pass	0.213	0.155	0.742	2	447378.683	9209304.410	527.436
20142823	Pass	0.197	0.150	0.734	2	447426.871	9209336.961	529.734
20143021	Pass	0.142	0.122	0.425	3	447602.387	9209455.349	506.195
20143449	Pass	0.253	0.186	0.750	2	447283.061	9209107.755	555.276
20143450	Pass	0.267	0.184	0.764	2	447239.805	9209152.675	540.063
20144134	Pass	0.120	0.110	0.418	3	447762.506	9209449.321	497.981
20144295	Pass	0.118	0.109	0.418	3	447785.863	9209449.913	495.573
20144455	Pass	0.242	0.196	0.745	2	447331.071	9209034.263	565.211
20146451	Pass	0.212	0.291	0.770	2	447568.561	9208699.180	579.903
20146626	Pass	0.174	0.233	0.732	2	447757.034	9208826.459	581.027
20146786	Pass	0.173	0.232	0.730	2	447764.681	9208829.460	584.319
20146946	Pass	0.146	0.164	0.432	3	447904.442	9208937.744	581.912
20147106	Pass	0.134	0.148	0.429	3	448046.589	9209017.132	557.051
20147266	Pass	0.126	0.133	0.424	3	448026.634	9209103.633	535.305
20149686	Pass	0.140	0.114	0.363	3	447678.537	9209909.379	538.953
20149835	Pass	0.144	0.128	0.374	3	447692.494	9210062.629	530.956
20149995	Pass	0.136	0.134	0.382	3	447768.358	9210130.669	509.390
20150483	Pass	0.132	0.108	0.358	3	447720.478	9209856.114	533.691
20151408	Pass	0.109	0.095	0.358	3	447885.561	9209653.736	490.093
20151462	Pass	0.107	0.094	0.357	3	447904.301	9209668.406	489.292
20151743	Pass	0.191	0.134	0.632	2	447597.829	9209347.321	515.998
20152232	Pass	0.092	0.088	0.353	3	448081.769	9209594.915	485.354
20152828	Pass	0.107	0.099	0.357	3	447976.913	9209438.957	504.369
20154208	Pass	0.135	0.171	0.613	2	447958.842	9209085.214	544.505
20154438	Pass	0.109	0.121	0.368	3	448138.466	9209216.575	524.457
20154592	Pass	0.101	0.112	0.364	3	448242.505	9209278.013	519.305
20154750	Pass	0.097	0.101	0.374	3	448369.854	9209373.644	486.356
20155253	Pass	0.115	0.146	0.381	3	448277.516	9209075.572	557.507
20156857	Pass	0.146	0.114	0.373	3	447903.244	9210238.222	490.219
20156886	Pass	0.123	0.101	0.360	3	448012.204	9210145.486	481.081
20157017	Pass	0.118	0.113	0.354	3	448069.577	9210261.983	499.821
20157103	Pass	0.120	0.118	0.354	3	448069.866	9210304.966	509.228

20158633	Pass	0.082	0.080	0.343	3	448319.805	9209954.569	468.954
20159252	Pass	0.086	0.079	0.351	3	448289.201	9209779.699	462.812
20159345	Pass	0.087	0.081	0.354	3	448288.103	9209729.913	464.259
20159409	Pass	0.083	0.078	0.345	3	448322.888	9209790.124	471.935
20161712	Pass	0.086	0.111	0.369	3	448488.012	9209423.714	495.901
20161868	Pass	0.084	0.102	0.359	3	448610.933	9209503.456	507.949
20162028	Pass	0.086	0.098	0.365	3	448685.342	9209549.002	493.001
20162573	Pass	0.091	0.132	0.373	3	448584.731	9209314.115	537.457
20164178	Pass	0.119	0.094	0.341	3	448290.940	9210360.146	469.727
20164338	Pass	0.119	0.108	0.345	3	448313.075	9210481.921	464.955
20168909	Pass	0.077	0.097	0.328	3	448783.817	9209673.827	521.814
20169071	Pass	0.076	0.094	0.325	3	448835.564	9209704.130	518.805
20169229	Pass	0.081	0.088	0.319	3	449035.223	9209784.486	540.313
20171034	Pass	0.236	0.149	0.629	2	448316.724	9210521.620	463.346
20202842	Pass	0.131	0.126	0.672	2	450252.279	9211180.704	446.431
20214013	Pass	0.063	0.064	0.277	3	450960.653	9210785.442	685.179
20214242	Pass	0.063	0.074	0.279	3	450981.073	9210910.452	691.344
20214592	Pass	0.129	0.108	0.367	3	450439.969	9212001.493	433.696
20214751	Pass	0.107	0.128	0.355	3	450594.411	9212149.425	456.489
20214911	Pass	0.097	0.117	0.353	3	450665.871	9212089.137	445.900
20221500	Pass	0.086	0.171	0.539	2	451393.599	9211072.343	667.640
20221911	Pass	0.125	0.099	0.365	3	450784.776	9212157.590	454.948
20222064	Pass	0.117	0.117	0.372	3	450854.960	9212290.640	436.522
20222224	Pass	0.098	0.115	0.370	3	450986.429	9212287.099	429.356
20224373	Pass	0.077	0.068	0.367	3	451122.356	9211772.003	435.016
20224530	Pass	0.079	0.072	0.361	3	451110.334	9211913.494	436.284
20224689	Pass	0.068	0.075	0.371	3	451320.495	9211975.051	420.766
20226872	Pass	0.066	0.097	0.345	3	451348.563	9211415.870	561.980
20227027	Pass	0.072	0.097	0.337	3	451478.927	9211430.738	598.677
20227186	Pass	0.078	0.090	0.341	3	451563.316	9211497.603	583.530
20229368	Pass	0.132	0.113	0.375	3	451052.247	9212474.417	434.068
20229529	Pass	0.102	0.113	0.367	3	451253.123	9212498.479	431.415
20229690	Pass	0.095	0.114	0.366	3	451308.047	9212509.531	431.032
20230194	Pass	0.229	0.094	0.674	2	451187.987	9212258.402	441.523
20231111	Pass	0.091	0.069	0.364	3	451310.089	9212066.250	437.662
20231222	Pass	0.080	0.072	0.363	3	451422.845	9212143.518	425.080
20231999	Pass	0.132	0.080	0.672	2	451501.170	9212175.296	415.726
20232155	Pass	0.070	0.070	0.366	3	451550.974	9212116.856	416.879
20234254	Pass	0.067	0.094	0.339	3	451645.152	9211630.626	557.002
20234411	Pass	0.069	0.092	0.323	3	451736.896	9211648.760	597.999
20234570	Pass	0.073	0.077	0.319	3	451850.710	9211805.496	591.453
20235100	Pass	0.081	0.201	0.595	2	451749.395	9211550.192	629.198
20237036	Pass	0.087	0.095	0.270	4	451622.672	9212872.143	412.199
20237053	Pass	0.088	0.094	0.270	4	451614.235	9212866.481	413.111
20237848	Pass	0.074	0.075	0.259	4	451761.557	9212667.908	418.347
20238592	Pass	0.078	0.069	0.347	3	451727.397	9212346.042	438.722
20238713	Pass	0.070	0.070	0.254	4	451813.039	9212590.556	426.287
20239112	Pass	0.089	0.067	0.363	3	451623.067	9212256.512	415.849
20239432	Pass	0.064	0.062	0.252	4	451926.054	9212424.012	427.685
20239445	Pass	0.065	0.063	0.252	4	451905.907	9212451.464	425.629
20241515	Pass	0.065	0.085	0.303	3	451971.169	9211886.607	605.585

20241674	Pass	0.067	0.082	0.298	3	452083.952	9211915.348	621.912
20241834	Pass	0.066	0.078	0.298	3	452072.470	9211960.029	613.254
20242341	Pass	0.067	0.106	0.297	3	452047.099	9211737.588	662.266
20243971	Pass	0.121	0.097	0.376	3	451714.904	9212793.086	411.263
20244075	Pass	0.115	0.096	0.371	3	451755.325	9212786.684	416.937
20244131	Pass	0.106	0.117	0.367	3	451825.829	9212945.419	424.992
20244291	Pass	0.092	0.112	0.367	3	451926.823	9212921.474	412.866
20246379	Pass	0.075	0.065	0.353	3	452055.507	9212418.475	433.395
20246536	Pass	0.075	0.067	0.345	3	452060.208	9212514.083	448.504
20246694	Pass	0.064	0.068	0.349	3	452261.176	9212547.338	441.394
20247192	Pass	0.074	0.067	0.345	3	452061.143	9212317.609	459.680
20248834	Pass	0.063	0.083	0.311	3	452266.727	9212103.531	577.150
20248986	Pass	0.064	0.086	0.311	3	452326.968	9212079.450	584.523
20249145	Pass	0.070	0.080	0.333	3	452484.562	9212151.576	529.938
20249685	Pass	0.066	0.104	0.305	3	452362.951	9211940.164	635.350
20251292	Pass	0.120	0.108	0.361	3	452010.626	9213099.587	411.079
20251459	Pass	0.111	0.117	0.353	3	452083.330	9213184.615	421.059
20251611	Pass	0.098	0.122	0.349	3	452192.947	9213230.656	419.997
20253308	Pass	0.069	0.075	0.322	3	452489.038	9212867.831	426.281
20253677	Pass	0.076	0.065	0.323	3	452346.794	9212690.540	433.155
20253831	Pass	0.067	0.065	0.319	3	452499.762	9212705.682	427.824
20256151	Pass	0.065	0.096	0.321	3	452660.957	9212187.411	458.511
20256314	Pass	0.069	0.082	0.324	3	452767.057	9212321.637	427.331
20256469	Pass	0.078	0.083	0.328	3	452871.519	9212323.151	418.017
20258421	Pass	0.118	0.113	0.345	3	452354.024	9213360.731	406.205
20258507	Pass	0.119	0.116	0.346	3	452347.971	9213381.090	406.206
20258671	Pass	0.096	0.102	0.323	3	452542.844	9213325.927	419.733
20259987	Pass	0.076	0.072	0.299	3	452725.802	9213026.886	434.890
20260631	Pass	0.079	0.067	0.300	3	452662.629	9212897.378	435.698
20260922	Pass	0.072	0.074	0.301	3	452865.700	9213040.154	422.115
20262953	Pass	0.069	0.094	0.314	3	452988.550	9212439.767	423.679
20263087	Pass	0.070	0.085	0.310	3	453044.650	9212540.350	415.861
20263100	Pass	0.075	0.091	0.315	3	453112.648	9212484.654	412.593
20265119	Pass	0.124	0.116	0.360	3	452736.077	9213555.337	417.684
20265272	Pass	0.115	0.126	0.363	3	452851.810	9213633.412	408.279
20265433	Pass	0.118	0.134	0.366	3	452836.010	9213678.689	415.113
20267330	Pass	0.091	0.077	0.328	3	452982.635	9213200.352	416.821
20267484	Pass	0.086	0.077	0.328	3	453052.164	9213171.625	413.172
20267642	Pass	0.082	0.082	0.332	3	453187.408	9213175.133	406.425
20268805	Pass	0.078	0.096	0.350	3	453291.427	9212778.587	406.382
20268916	Pass	0.105	0.105	0.366	3	453572.560	9212796.688	414.719
20269274	Pass	0.096	0.134	0.386	3	453456.067	9212514.525	416.538
20270636	Pass	0.140	0.147	0.437	3	453116.957	9213787.508	405.391
20270713	Pass	0.146	0.178	0.451	3	453164.357	9213943.903	404.674
20270811	Pass	0.146	0.187	0.455	3	453205.569	9213991.895	404.122
20271983	Pass	0.109	0.109	0.407	3	453371.576	9213498.219	403.520
20272103	Pass	0.112	0.118	0.410	3	453442.944	9213547.853	402.575
20272333	Pass	0.102	0.099	0.406	3	453395.380	9213351.040	403.520
20274119	Pass	0.112	0.133	0.435	3	453704.855	9212919.945	426.215
20274273	Pass	0.112	0.131	0.433	3	453702.615	9212938.516	425.640
20274433	Pass	0.140	0.135	0.436	3	453889.280	9213053.932	430.645

20276236	Pass	0.202	0.244	0.700	2	453374.906	9214056.883	404.632
20276396	Pass	0.191	0.257	0.703	2	453464.588	9214095.813	402.340
20276556	Pass	0.191	0.306	0.723	2	453606.470	9214236.535	406.193
20277692	Pass	0.147	0.158	0.670	2	453650.297	9213706.625	401.426
20277863	Pass	0.151	0.174	0.675	2	453728.660	9213761.703	401.733
20278013	Pass	0.160	0.191	0.682	2	453810.917	9213815.232	401.383
20280363	Pass	0.163	0.171	0.689	2	453997.956	9213245.814	407.406
20280523	Pass	0.186	0.173	0.697	2	454085.787	9213304.080	407.959
20280578	Pass	0.202	0.180	0.705	2	454144.203	9213292.478	409.818
20282447	Pass	0.155	0.335	0.778	2	437942.782	9217370.634	437.878
20282617	Pass	0.129	0.290	0.737	2	438142.335	9217269.867	450.340
20282777	Pass	0.138	0.291	0.737	2	438290.449	9217266.580	448.059
20282938	Pass	0.112	0.192	0.427	3	438343.172	9217229.893	459.061
20283098	Pass	0.113	0.182	0.435	3	438526.624	9217151.870	413.476
20283258	Pass	0.118	0.174	0.436	3	438624.616	9217095.550	408.195
20284465	Pass	0.152	0.185	0.745	2	437843.442	9216961.845	401.216
20284715	Pass	0.122	0.162	0.713	2	437969.670	9216894.950	422.054
20285861	Pass	0.097	0.102	0.386	3	438114.928	9216697.718	412.843
20286019	Pass	0.090	0.095	0.370	3	438206.206	9216635.320	430.287
20288344	Pass	0.227	0.115	0.722	2	437515.802	9216442.128	438.529
20291492	Pass	0.100	0.166	0.378	3	438741.794	9217037.098	414.828
20291650	Pass	0.111	0.256	0.641	2	438722.692	9216951.705	424.737
20291810	Pass	0.106	0.150	0.358	3	438941.987	9216946.573	450.657
20293261	Pass	0.084	0.095	0.323	3	438663.868	9216572.845	467.256
20293925	Pass	0.087	0.090	0.338	3	438472.645	9216496.463	430.122
20294209	Pass	0.081	0.088	0.317	3	438634.221	9216481.267	471.902
20298809	Pass	0.094	0.149	0.353	3	439105.292	9216799.819	484.212
20298880	Pass	0.103	0.162	0.373	3	439244.070	9216850.944	447.667
20299040	Pass	0.102	0.150	0.363	3	439255.527	9216784.365	459.466
20301180	Pass	0.084	0.090	0.344	3	438878.689	9216337.646	422.272
20301336	Pass	0.082	0.090	0.332	3	439044.793	9216339.671	445.097
20306170	Pass	0.102	0.167	0.372	3	439545.379	9216704.792	467.258
20306316	Pass	0.100	0.155	0.373	3	439544.547	9216634.299	443.833
20306481	Pass	0.109	0.138	0.351	3	439727.152	9216517.767	484.562
20307998	Pass	0.085	0.097	0.339	3	439429.394	9216226.204	436.057
20308133	Pass	0.087	0.095	0.339	3	439520.231	9216184.273	432.107
20308656	Pass	0.084	0.093	0.325	3	439305.790	9216195.148	466.740
20313689	Pass	0.102	0.164	0.355	3	439923.529	9216498.904	487.923
20313823	Pass	0.104	0.166	0.354	3	439942.135	9216507.735	494.582
20313982	Pass	0.115	0.153	0.357	3	440136.543	9216403.189	475.953
20315651	Pass	0.087	0.099	0.322	3	439814.284	9216042.557	458.149
20316195	Pass	0.087	0.096	0.326	3	439709.410	9216023.481	441.938
20321295	Pass	0.102	0.158	0.362	3	440295.842	9216262.077	484.464
20321411	Pass	0.103	0.163	0.363	3	440313.587	9216285.185	487.755
20321565	Pass	0.108	0.150	0.359	3	440443.127	9216194.181	486.778
20323054	Pass	0.090	0.104	0.336	3	440115.964	9215901.404	465.120
20323217	Pass	0.088	0.100	0.332	3	440200.859	9215857.124	467.211
20328768	Pass	0.101	0.160	0.383	3	440676.772	9216068.813	473.342
20328912	Pass	0.101	0.157	0.384	3	440698.483	9216043.593	464.605
20329072	Pass	0.109	0.162	0.388	3	440828.095	9216061.888	467.695
20330663	Pass	0.088	0.101	0.345	3	440611.664	9215665.688	471.527

20330876	Pass	0.088	0.099	0.339	3	440666.446	9215638.055	485.091
20330957	Pass	0.134	0.140	0.603	2	440098.364	9215817.738	461.521
20331375	Pass	0.089	0.101	0.346	3	440498.880	9215680.276	472.251
20332243	Pass	0.143	0.120	0.589	2	440437.493	9215550.999	488.535
20336569	Pass	0.106	0.164	0.376	3	441189.691	9215913.850	504.205
20336725	Pass	0.110	0.154	0.366	3	441281.229	9215850.445	522.277
20337412	Pass	0.096	0.138	0.352	3	441071.007	9215771.961	521.084
20338252	Pass	0.087	0.100	0.339	3	440959.309	9215498.627	489.085
20338675	Pass	0.121	0.123	0.598	2	440546.461	9215562.990	463.908
20338942	Pass	0.087	0.093	0.343	3	440858.252	9215428.008	469.660
20339148	Pass	0.084	0.090	0.338	3	440985.244	9215386.884	473.398
20344119	Pass	0.099	0.149	0.365	3	441538.602	9215666.896	499.880
20344207	Pass	0.095	0.138	0.354	3	441500.776	9215606.711	510.298
20344278	Pass	0.103	0.134	0.370	3	441658.585	9215553.682	476.465
20346606	Pass	0.083	0.087	0.322	3	441322.531	9215206.882	504.696
20346768	Pass	0.081	0.083	0.320	3	441461.715	9215129.176	505.791
20347464	Pass	0.083	0.083	0.317	3	441265.816	9215150.613	507.585
20351526	Pass	0.094	0.148	0.358	3	441851.570	9215507.862	503.195
20351767	Pass	0.100	0.148	0.363	3	441984.572	9215491.416	493.361
20352359	Pass	0.088	0.122	0.351	3	441774.892	9215345.065	476.836
20353334	Pass	0.082	0.094	0.337	3	441794.221	9215122.414	464.644
20353508	Pass	0.083	0.092	0.339	3	441865.689	9215090.747	458.997
20354008	Pass	0.083	0.084	0.324	3	441632.658	9215028.673	480.681
20358899	Pass	0.093	0.149	0.364	3	442254.588	9215352.281	467.688
20359028	Pass	0.093	0.142	0.361	3	442286.684	9215308.197	460.704
20359185	Pass	0.097	0.136	0.363	3	442400.831	9215257.747	451.750
20360728	Pass	0.082	0.095	0.335	3	442135.259	9214987.383	449.952
20360871	Pass	0.081	0.091	0.334	3	442237.657	9214941.820	446.731
20361355	Pass	0.082	0.088	0.332	3	442056.796	9214920.678	447.125
20366040	Pass	0.093	0.156	0.371	3	442655.698	9215218.352	472.912
20366191	Pass	0.094	0.158	0.372	3	442684.268	9215221.382	469.794
20366352	Pass	0.100	0.142	0.366	3	442843.193	9215117.740	468.405
20367752	Pass	0.080	0.091	0.331	3	442608.358	9214779.848	469.487
20367921	Pass	0.082	0.088	0.335	3	442705.925	9214734.989	458.560
20368308	Pass	0.081	0.086	0.336	3	442429.058	9214735.322	446.504
20372877	Pass	0.092	0.160	0.382	3	443049.328	9215055.250	454.313
20373028	Pass	0.096	0.166	0.384	3	443112.528	9215080.376	456.324
20373086	Pass	0.099	0.153	0.375	3	443190.720	9215010.513	466.005
20374300	Pass	0.112	0.145	0.591	2	442553.721	9214801.270	475.604
20374773	Pass	0.079	0.092	0.340	3	442981.674	9214608.872	452.223
20374909	Pass	0.080	0.089	0.338	3	443045.373	9214579.722	453.819
20375287	Pass	0.080	0.083	0.340	3	442818.541	9214532.508	441.990
20375474	Pass	0.133	0.116	0.611	2	442831.167	9214491.761	441.573
20379766	Pass	0.090	0.150	0.378	3	443425.542	9214830.284	442.509
20379926	Pass	0.094	0.139	0.371	3	443552.297	9214757.434	442.557
20380368	Pass	0.083	0.118	0.359	3	443357.733	9214639.023	441.797
20381215	Pass	0.079	0.087	0.340	3	443451.656	9214381.390	441.507
20381361	Pass	0.120	0.117	0.606	2	442889.146	9214498.139	442.887
20381601	Pass	0.079	0.083	0.338	3	443221.937	9214359.774	441.378
20381721	Pass	0.138	0.115	0.613	2	443199.754	9214309.154	441.304
20381737	Pass	0.076	0.079	0.334	3	443331.169	9214309.008	441.214

20385712	Pass	0.100	0.144	0.366	3	444077.410	9214592.203	442.945
20385764	Pass	0.084	0.118	0.348	3	443889.040	9214457.012	442.006
20385770	Pass	0.082	0.108	0.342	3	443872.440	9214382.358	441.548
20385917	Pass	0.078	0.092	0.335	3	443653.585	9214282.187	441.417
20385968	Pass	0.076	0.089	0.332	3	443727.913	9214247.447	441.221
20386107	Pass	0.076	0.087	0.330	3	443787.743	9214218.890	441.709
20390435	Pass	0.087	0.162	0.363	3	444243.231	9214540.850	459.442
20390538	Pass	0.088	0.153	0.356	3	444294.717	9214487.861	464.223
20390699	Pass	0.102	0.148	0.365	3	444488.853	9214439.262	447.075
20391948	Pass	0.075	0.084	0.324	3	444251.640	9214004.520	454.949
20392165	Pass	0.075	0.083	0.322	3	444016.931	9214017.716	458.863
20392311	Pass	0.072	0.077	0.316	3	444122.790	9213935.753	460.380
20396547	Pass	0.084	0.141	0.355	3	444618.198	9214268.824	442.742
20396693	Pass	0.085	0.142	0.355	3	444635.511	9214272.944	442.805
20396852	Pass	0.089	0.126	0.349	3	444746.652	9214163.146	442.302
20398248	Pass	0.075	0.089	0.330	3	444476.301	9213904.136	442.175
20398836	Pass	0.075	0.083	0.325	3	444417.203	9213851.063	450.100
20399102	Pass	0.072	0.079	0.322	3	444540.937	9213793.153	447.671
20403451	Pass	0.085	0.148	0.372	3	445006.394	9214122.086	442.296
20403611	Pass	0.086	0.147	0.372	3	445023.751	9214114.940	442.019
20403658	Pass	0.094	0.129	0.367	3	445203.265	9213993.280	442.473
20404569	Pass	0.076	0.091	0.340	3	444834.035	9213749.408	451.531
20404786	Pass	0.075	0.085	0.340	3	445004.553	9213670.589	441.091
20405424	Pass	0.074	0.077	0.334	3	444817.851	9213587.305	440.783
20409800	Pass	0.084	0.139	0.369	3	445392.548	9213904.785	463.279
20409951	Pass	0.087	0.150	0.380	3	445443.792	9213958.812	450.151
20410111	Pass	0.090	0.137	0.372	3	445543.935	9213878.645	456.893
20411987	Pass	0.076	0.084	0.330	3	445217.225	9213516.363	483.624
20412139	Pass	0.075	0.085	0.331	3	445247.925	9213517.261	480.492
20412164	Pass	0.072	0.076	0.327	3	445308.719	9213404.009	474.081
20416882	Pass	0.084	0.148	0.362	3	445823.498	9213798.929	478.168
20417031	Pass	0.088	0.145	0.366	3	445914.061	9213765.943	459.580
20417191	Pass	0.088	0.136	0.358	3	445940.701	9213715.127	470.934
20418872	Pass	0.073	0.085	0.318	3	445770.188	9213350.219	498.118
20419287	Pass	0.075	0.089	0.327	3	445635.204	9213397.475	484.798
20419394	Pass	0.073	0.080	0.317	3	445675.772	9213299.086	493.349
20424199	Pass	0.083	0.149	0.345	3	446232.161	9213657.034	496.916
20424325	Pass	0.084	0.151	0.346	3	446266.279	9213664.610	494.608
20424372	Pass	0.087	0.138	0.340	3	446338.990	9213586.578	495.234
20425988	Pass	0.073	0.086	0.316	3	446089.626	9213220.141	489.621
20426683	Pass	0.074	0.078	0.319	3	445994.438	9213130.844	473.415
20431641	Pass	0.080	0.135	0.327	3	446597.990	9213428.970	486.635
20431744	Pass	0.086	0.140	0.329	3	446716.191	9213454.254	485.578
20431903	Pass	0.091	0.123	0.332	3	446824.937	9213324.707	459.372
20433425	Pass	0.073	0.086	0.303	3	446456.994	9213062.943	495.059
20433554	Pass	0.073	0.080	0.300	3	446647.859	9212975.116	492.192
20434061	Pass	0.074	0.075	0.302	3	446376.242	9212940.965	486.797
20439024	Pass	0.082	0.142	0.334	3	447010.797	9213285.367	487.481
20439152	Pass	0.087	0.135	0.332	3	447110.575	9213229.665	483.938
20439312	Pass	0.094	0.132	0.338	3	447215.876	9213196.000	465.850
20440691	Pass	0.074	0.089	0.307	3	446837.861	9212900.563	484.558

20440897	Pass	0.073	0.087	0.307	3	446886.567	9212876.103	480.206
20441792	Pass	0.073	0.075	0.305	3	447017.121	9212697.805	464.241
20446303	Pass	0.083	0.137	0.338	3	447380.772	9213045.890	484.387
20446462	Pass	0.092	0.153	0.353	3	447508.111	9213132.795	465.379
20446623	Pass	0.092	0.136	0.342	3	447541.849	9213029.040	476.973
20448796	Pass	0.076	0.087	0.329	3	447213.618	9212675.325	432.802
20448953	Pass	0.075	0.086	0.328	3	447269.012	9212652.526	431.599
20453166	Pass	0.090	0.158	0.375	3	447814.226	9212949.655	439.547
20453322	Pass	0.092	0.155	0.375	3	447847.171	9212932.765	437.300
20453401	Pass	0.098	0.152	0.374	3	447940.851	9212908.724	437.915
20455022	Pass	0.078	0.091	0.332	3	447697.421	9212504.828	463.379
20455645	Pass	0.079	0.082	0.329	3	447561.072	9212413.497	457.779
20460310	Pass	0.137	0.228	0.635	2	448211.268	9212778.628	429.263
20460462	Pass	0.136	0.201	0.620	2	448217.940	9212695.594	445.556
20460622	Pass	0.103	0.153	0.378	3	448374.426	9212717.451	427.908
20462723	Pass	0.080	0.093	0.345	3	448011.095	9212336.585	434.272
20467628	Pass	0.091	0.167	0.381	3	448577.779	9212610.461	456.345
20467771	Pass	0.092	0.158	0.373	3	448619.147	9212559.379	462.074
20467933	Pass	0.096	0.242	0.635	2	448718.822	9212457.822	447.127
20470082	Pass	0.080	0.084	0.331	3	448345.007	9212064.952	470.024
20470212	Pass	0.078	0.090	0.334	3	448444.815	9212118.744	468.102
20474934	Pass	0.122	0.211	0.616	2	448951.147	9212361.272	461.580
20475076	Pass	0.087	0.139	0.357	3	449071.622	9212294.155	456.191
20475236	Pass	0.094	0.144	0.354	3	449151.501	9212322.145	473.839
20477438	Pass	0.077	0.082	0.313	3	448741.106	9211893.027	502.739
20477589	Pass	0.076	0.084	0.314	3	448774.024	9211915.267	500.617
20482544	Pass	0.077	0.135	0.336	3	449325.908	9212131.456	472.136
20482703	Pass	0.083	0.153	0.345	3	449435.671	9212225.494	469.082
20482863	Pass	0.087	0.254	0.599	2	449507.222	9212169.796	474.492
20485096	Pass	0.073	0.076	0.299	3	449129.149	9211688.232	491.208
20485141	Pass	0.073	0.079	0.304	3	449125.120	9211727.170	485.317
20485408	Pass	0.067	0.069	0.291	3	449275.889	9211586.836	499.286
20491131	Pass	0.075	0.146	0.325	3	449764.014	9212071.279	447.962
20491289	Pass	0.074	0.137	0.321	3	449752.784	9212017.200	448.730
20527719	Pass	0.068	0.124	0.332	3	451147.452	9211272.971	587.222
20527883	Pass	0.076	0.128	0.330	3	451268.816	9211295.483	586.156
20539870	Pass	0.064	0.066	0.297	3	451270.056	9210328.048	650.194
20539898	Pass	0.064	0.067	0.295	3	451269.396	9210311.068	656.197
20540793	Pass	0.068	0.071	0.290	3	451206.574	9210251.701	673.069
20540822	Pass	0.065	0.072	0.287	3	451261.015	9210240.264	673.995
20543100	Pass	0.078	0.132	0.339	3	451998.424	9210943.219	622.610
20543254	Pass	0.061	0.062	0.286	3	451782.143	9210302.301	680.072
20543794	Pass	0.085	0.134	0.344	3	452060.040	9210943.748	616.225
20543804	Pass	0.097	0.217	0.575	2	452126.230	9210897.877	630.931
20544072	Pass	0.064	0.062	0.296	3	452150.578	9210199.428	633.062
20544136	Pass	0.153	0.071	0.547	2	451491.279	9210221.860	665.842
20544680	Pass	0.069	0.068	0.293	3	451932.416	9210022.246	637.666
20544696	Pass	0.066	0.072	0.316	3	452069.237	9209994.401	585.375
20545288	Pass	0.077	0.069	0.284	3	451798.610	9210014.794	674.398
20547098	Pass	0.067	0.112	0.305	3	452519.623	9210596.032	657.706
20547121	Pass	0.083	0.114	0.333	3	452729.364	9210582.595	600.821

20547441	Pass	0.074	0.108	0.332	3	452637.652	9210548.818	581.369
20547985	Pass	0.067	0.072	0.314	3	452453.500	9210257.543	589.319
20548145	Pass	0.068	0.065	0.311	3	452466.677	9210140.943	598.262
20548454	Pass	0.070	0.065	0.303	3	452286.007	9210166.927	618.762
20548938	Pass	0.112	0.075	0.563	2	452003.702	9210046.761	625.424
20551962	Pass	0.085	0.127	0.324	3	452180.109	9209450.527	632.667
20552383	Pass	0.116	0.223	0.617	2	452878.640	9210622.350	559.095
20552542	Pass	0.144	0.180	0.657	2	452982.824	9210467.759	492.041
20552702	Pass	0.195	0.211	0.679	2	453142.923	9210548.615	484.332
20554157	Pass	0.079	0.111	0.637	2	452666.268	9210231.922	502.618
20554196	Pass	0.098	0.101	0.664	2	452793.920	9210178.320	468.552
20554210	Pass	0.095	0.102	0.662	2	452777.337	9210186.332	470.357
20557351	Pass	0.103	0.106	0.610	2	452418.121	9209750.864	551.677
20557511	Pass	0.089	0.115	0.612	2	452520.677	9209712.304	548.848
20557672	Pass	0.085	0.120	0.587	2	452631.347	9209686.420	590.089
20565924	Pass	0.108	0.125	0.601	2	437017.899	9216392.362	446.952
20566572	Pass	0.122	0.148	0.611	2	437186.972	9216484.140	455.404
20566576	Pass	0.121	0.148	0.612	2	437176.516	9216485.733	450.800
20614354	Pass	0.075	0.080	0.311	3	439098.448	9214428.294	485.295
20614932	Pass	0.086	0.083	0.317	3	439272.687	9214449.182	486.346
20623046	Pass	0.079	0.079	0.314	3	439544.400	9214198.323	489.982
20624420	Pass	0.089	0.082	0.321	3	439307.116	9214434.418	482.235
20642097	Pass	0.089	0.085	0.330	3	440457.647	9213917.842	497.292
20642184	Pass	0.085	0.086	0.323	3	440415.756	9213941.926	506.759
20675386	Pass	0.087	0.075	0.326	3	441967.570	9213104.071	453.100
20675444	Pass	0.176	0.083	0.622	2	441954.987	9213121.245	454.166
20696691	Pass	0.081	0.077	0.308	3	443024.804	9212623.168	485.497
20697384	Pass	0.182	0.100	0.600	2	443125.140	9212733.449	484.668
20697388	Pass	0.086	0.077	0.311	3	443094.207	9212632.848	485.618
20753440	Pass	0.140	0.091	0.630	2	445997.875	9211210.737	465.242
20762970	Pass	0.192	0.098	0.661	2	446192.855	9211272.470	461.332
20763358	Pass	0.155	0.123	0.632	2	446081.886	9211481.993	460.947
20769953	Pass	0.086	0.142	0.348	3	446838.468	9210896.395	487.903
20770001	Pass	0.084	0.131	0.336	3	446848.954	9210958.886	504.750
20770093	Pass	0.091	0.135	0.334	3	446706.289	9210935.840	512.964
20770751	Pass	0.079	0.109	0.328	3	446921.227	9211110.072	491.088
20777922	Pass	0.085	0.147	0.371	3	447241.350	9210729.623	469.165
20777939	Pass	0.086	0.136	0.359	3	447184.140	9210795.935	478.011
20778104	Pass	0.090	0.129	0.351	3	447097.057	9210843.281	486.900
20778957	Pass	0.083	0.104	0.337	3	447146.688	9211012.862	483.814
20786312	Pass	0.084	0.149	0.362	3	447611.313	9210515.966	480.489
20786397	Pass	0.082	0.134	0.352	3	447614.151	9210605.600	482.703
20786469	Pass	0.092	0.248	0.624	2	447479.624	9210588.413	469.465
20786478	Pass	0.099	0.258	0.622	2	447394.799	9210556.282	475.331
20794890	Pass	0.077	0.129	0.330	3	448021.479	9210420.551	520.205
20794894	Pass	0.077	0.129	0.330	3	448021.351	9210422.975	519.630
20795051	Pass	0.094	0.138	0.339	3	447792.142	9210384.001	517.353
20803445	Pass	0.075	0.129	0.323	3	448351.179	9210207.852	488.328
20803765	Pass	0.086	0.115	0.320	3	448175.705	9210313.704	486.676
20812590	Pass	0.072	0.123	0.322	3	448406.886	9210242.065	483.497
20841786	Pass	0.078	0.117	0.295	3	449891.806	9209607.116	692.134

20841939	Pass	0.085	0.118	0.321	3	449737.922	9209621.297	599.016
20842819	Pass	0.075	0.094	0.304	3	449835.649	9209781.369	609.365
20848908	Pass	0.080	0.133	0.331	3	450219.739	9209389.846	624.755
20849068	Pass	0.088	0.123	0.321	3	450073.981	9209451.748	646.499
20849711	Pass	0.076	0.120	0.335	3	450301.778	9209470.600	591.964
20857307	Pass	0.117	0.221	0.590	2	450587.362	9209166.344	639.346
20857481	Pass	0.081	0.128	0.346	3	450525.906	9209296.923	619.057
20857631	Pass	0.090	0.123	0.348	3	450390.882	9209336.485	618.682
20859905	Pass	0.113	0.099	0.518	2	450778.393	9209711.542	688.467
20859980	Pass	0.087	0.118	0.552	2	450624.046	9209639.022	627.417
20866002	Pass	0.080	0.137	0.315	3	450910.909	9209085.667	769.952
20866159	Pass	0.085	0.138	0.330	3	450822.793	9209096.962	727.301
20866170	Pass	0.081	0.115	0.309	3	450822.489	9209227.455	755.649
20868679	Pass	0.068	0.076	0.298	3	451011.828	9209518.574	708.001
20868868	Pass	0.069	0.073	0.297	3	450909.811	9209572.470	706.183
20869329	Pass	0.070	0.071	0.287	3	451141.487	9209581.757	727.747
20873328	Pass	0.075	0.068	0.290	3	451473.049	9210157.445	673.707
20874171	Pass	0.083	0.131	0.343	3	451216.179	9209053.405	742.827
20874173	Pass	0.089	0.162	0.371	3	451210.188	9208913.590	716.378
20874340	Pass	0.087	0.131	0.340	3	451107.313	9209064.732	748.790
20876905	Pass	0.070	0.074	0.307	3	451260.346	9209460.835	720.587
20877410	Pass	0.081	0.071	0.328	3	451549.476	9209512.866	664.937
20877573	Pass	0.069	0.071	0.304	3	451309.419	9209501.705	719.389
20882342	Pass	0.118	0.305	0.674	2	451545.568	9208752.771	695.607
20882503	Pass	0.109	0.288	0.656	2	451478.492	9208786.828	704.583
20882662	Pass	0.108	0.259	0.642	2	451352.833	9208855.672	698.927
20886132	Pass	0.178	0.083	0.667	2	451911.213	9209495.417	597.380
20886187	Pass	0.198	0.084	0.679	2	451966.656	9209505.864	591.261
20886452	Pass	0.097	0.092	0.591	2	451654.717	9209661.671	673.302
20892461	Pass	0.085	0.104	0.341	3	433523.501	9216359.556	430.019
20892959	Pass	0.097	0.132	0.590	2	433220.368	9216498.760	458.209
20893039	Pass	0.110	0.127	0.582	2	433117.850	9216556.227	479.072
20893181	Pass	0.133	0.125	0.611	2	432990.023	9216608.173	428.348
20893416	Pass	0.089	0.096	0.347	3	433689.158	9216478.022	414.297
20893692	Pass	0.086	0.100	0.336	3	433410.954	9216517.317	437.353
20895734	Pass	0.107	0.130	0.623	2	433422.968	9216984.417	407.805
20896196	Pass	0.100	0.102	0.343	3	433807.964	9216873.549	427.423
20896356	Pass	0.095	0.108	0.348	3	433705.914	9216943.792	410.787
20896836	Pass	0.109	0.166	0.613	2	433350.834	9217155.884	449.556
20897140	Pass	0.108	0.117	0.349	3	433864.085	9217044.678	433.964
20897620	Pass	0.141	0.205	0.658	2	433595.201	9217285.628	381.123
20901604	Pass	0.086	0.093	0.345	3	433972.213	9216331.330	419.055
20901772	Pass	0.086	0.092	0.345	3	433961.222	9216353.065	417.651
20901931	Pass	0.086	0.097	0.334	3	433782.256	9216265.377	441.648
20904093	Pass	0.102	0.100	0.343	3	434194.327	9216670.466	458.609
20904230	Pass	0.094	0.104	0.342	3	434082.566	9216734.923	453.694
20904903	Pass	0.119	0.126	0.364	3	434314.152	9216918.436	455.519
20909041	Pass	0.088	0.091	0.331	3	434394.296	9216157.092	452.213
20909216	Pass	0.087	0.095	0.328	3	434189.688	9216071.535	452.037
20911524	Pass	0.113	0.113	0.371	3	434633.140	9216626.198	425.153
20911685	Pass	0.101	0.111	0.359	3	434500.241	9216623.791	436.184

20912706	Pass	0.103	0.130	0.362	3	434484.316	9216774.333	457.915
20916492	Pass	0.089	0.090	0.327	3	434839.668	9215903.613	449.154
20916655	Pass	0.087	0.088	0.318	3	434620.101	9215993.681	453.877
20917051	Pass	0.090	0.091	0.335	3	434448.150	9216133.405	449.133
20917333	Pass	0.089	0.087	0.314	3	434810.769	9216004.075	480.062
20919058	Pass	0.111	0.110	0.353	3	435018.696	9216440.843	451.554
20919226	Pass	0.098	0.111	0.343	3	434849.443	9216464.514	459.707
20919912	Pass	0.124	0.130	0.377	3	435110.524	9216574.406	432.246
20924305	Pass	0.085	0.085	0.319	3	435144.101	9215788.459	430.936
20924467	Pass	0.086	0.087	0.305	3	434966.328	9215760.008	462.154
20926715	Pass	0.097	0.092	0.332	3	435331.212	9216122.668	443.951
20926876	Pass	0.095	0.105	0.343	3	435236.700	9216259.203	425.449
20931146	Pass	0.081	0.087	0.300	3	435397.620	9215512.061	447.663
20931796	Pass	0.090	0.094	0.569	2	435585.578	9215532.126	450.860
20931926	Pass	0.083	0.081	0.302	3	435634.671	9215600.583	456.823
20932271	Pass	0.087	0.088	0.323	3	435246.195	9215709.012	431.076
20934299	Pass	0.099	0.101	0.322	3	435773.984	9216075.433	454.097
20934624	Pass	0.089	0.101	0.325	3	435586.837	9216083.609	424.625
20934783	Pass	0.110	0.101	0.350	3	435459.983	9216198.756	426.876
20935155	Pass	0.104	0.107	0.326	3	435812.528	9216127.274	456.063
20939046	Pass	0.113	0.219	0.571	2	435922.949	9215191.444	482.363
20939376	Pass	0.079	0.084	0.300	3	435745.011	9215354.860	461.051
20939750	Pass	0.078	0.080	0.299	3	435967.157	9215380.136	476.793
20940561	Pass	0.082	0.076	0.305	3	436035.933	9215521.688	469.084
20942206	Pass	0.094	0.088	0.325	3	436172.357	9215808.170	451.859
20947954	Pass	0.074	0.086	0.301	3	436324.019	9215092.897	474.686
20948099	Pass	0.076	0.081	0.297	3	436151.570	9215173.811	476.511
20948702	Pass	0.076	0.076	0.306	3	436399.108	9215244.782	463.748
20957371	Pass	0.071	0.084	0.320	3	436662.655	9214935.337	430.123
20957668	Pass	0.074	0.076	0.302	3	436528.139	9215042.554	471.449
20958169	Pass	0.072	0.072	0.311	3	436752.873	9215132.950	448.250
20966243	Pass	0.070	0.073	0.293	3	436935.001	9214887.833	492.473
20966758	Pass	0.071	0.068	0.301	3	437169.184	9215060.182	459.723
20974582	Pass	0.067	0.079	0.300	3	437504.527	9214598.803	481.719
20974867	Pass	0.066	0.069	0.297	3	437458.313	9214763.083	476.788
20983123	Pass	0.069	0.071	0.311	3	437928.661	9214552.600	454.139
20984099	Pass	0.067	0.069	0.308	3	437833.968	9214598.594	452.918
20991391	Pass	0.069	0.079	0.296	3	438209.639	9214271.809	504.785
20992642	Pass	0.071	0.069	0.312	3	437979.801	9214593.036	455.463
20999593	Pass	0.076	0.075	0.302	3	438723.683	9214204.133	507.761
20999671	Pass	0.072	0.072	0.296	3	438612.722	9214256.029	513.947
21000330	Pass	0.078	0.075	0.304	3	438761.831	9214201.590	508.956
21005235	Pass	0.122	0.205	0.582	2	438900.612	9213519.195	516.344
21005386	Pass	0.086	0.132	0.324	3	438881.591	9213588.269	524.971
21005396	Pass	0.100	0.143	0.324	2	438698.435	9213550.812	535.562
21006869	Pass	0.080	0.094	0.310	3	439022.037	9213862.659	520.167
21007688	Pass	0.078	0.081	0.306	3	439041.526	9214007.279	512.159
21008014	Pass	0.077	0.077	0.302	3	438879.786	9214069.635	516.268
21013598	Pass	0.093	0.159	0.363	3	439243.011	9213320.421	518.382
21013758	Pass	0.093	0.135	0.345	3	439161.710	9213461.679	527.328
21014471	Pass	0.085	0.117	0.335	3	439330.399	9213570.799	524.844

21014604	Pass	0.089	0.108	0.329	3	439167.778	9213646.595	527.252
21016248	Pass	0.078	0.081	0.316	3	439386.531	9213917.451	508.559
21016737	Pass	0.079	0.079	0.318	3	439461.975	9213952.788	500.334
21017054	Pass	0.077	0.077	0.318	3	439314.882	9214018.411	495.063
21022010	Pass	0.098	0.168	0.380	3	439587.859	9213123.645	499.670
21022109	Pass	0.106	0.244	0.617	2	439661.349	9213237.011	508.414
21022214	Pass	0.098	0.136	0.356	3	439506.324	9213312.456	515.380
21022860	Pass	0.086	0.122	0.344	3	439751.632	9213384.205	525.681
21024428	Pass	0.128	0.113	0.572	2	439856.602	9213706.648	529.837
21024429	Pass	0.083	0.090	0.323	3	439866.021	9213640.243	529.843
21030137	Pass	0.098	0.161	0.383	3	439960.305	9213002.353	495.108
21030298	Pass	0.103	0.165	0.385	3	439893.441	9212988.296	497.316
21030934	Pass	0.087	0.120	0.356	3	440088.401	9213236.185	502.441
21032153	Pass	0.085	0.095	0.339	3	440000.184	9213464.579	506.670
21032742	Pass	0.080	0.089	0.338	3	440148.750	9213512.922	495.565
21038934	Pass	0.098	0.169	0.376	3	440356.432	9212773.368	502.387
21038972	Pass	0.091	0.145	0.359	3	440430.636	9212896.762	509.211
21039095	Pass	0.102	0.160	0.371	3	440277.730	9212823.929	506.400
21040485	Pass	0.081	0.098	0.325	3	440542.521	9213218.562	521.209
21047509	Pass	0.091	0.144	0.359	3	440827.608	9212705.590	480.567
21047511	Pass	0.096	0.164	0.369	3	440792.093	9212598.290	484.990
21047669	Pass	0.104	0.262	0.622	2	440632.660	9212668.253	489.756
21049693	Pass	0.080	0.094	0.324	3	440919.105	9213049.450	492.235
21055817	Pass	0.093	0.154	0.356	3	441201.185	9212459.748	486.542
21055973	Pass	0.097	0.146	0.350	3	441082.964	9212520.722	488.065
21056132	Pass	0.104	0.139	0.351	3	440981.160	9212569.542	481.151
21057555	Pass	0.081	0.089	0.314	3	441152.599	9212930.521	494.683
21058092	Pass	0.079	0.086	0.317	3	441393.680	9212936.360	483.660
21063932	Pass	0.094	0.160	0.371	3	441578.157	9212258.907	462.764
21063936	Pass	0.093	0.140	0.355	3	441510.814	9212375.825	472.210
21064092	Pass	0.105	0.159	0.370	3	441388.969	9212275.973	464.617
21071712	Pass	0.095	0.173	0.374	3	441940.779	9212031.822	465.197
21071872	Pass	0.100	0.165	0.370	3	441825.499	9212083.339	465.475
21071889	Pass	0.097	0.139	0.357	3	441808.940	9212228.757	462.473
21073200	Pass	0.080	0.097	0.331	3	442083.423	9212494.803	460.347
21079164	Pass	0.094	0.149	0.344	3	442261.963	9211991.810	479.666
21079324	Pass	0.100	0.141	0.346	3	442139.157	9212056.581	472.402
21080775	Pass	0.080	0.096	0.317	3	442398.137	9212346.988	469.953
21083287	Pass	0.086	0.075	0.310	3	442722.742	9212764.193	466.961
21086352	Pass	0.101	0.150	0.346	2	442650.545	9211838.437	485.725
21086491	Pass	0.093	0.146	0.347	3	442726.192	9211824.590	489.165
21086512	Pass	0.101	0.144	0.348	3	442548.705	9211856.046	483.531
21086832	Pass	0.091	0.152	0.345	3	442351.845	9211966.497	481.264
21088611	Pass	0.077	0.080	0.313	3	442786.568	9212357.018	477.652
21093942	Pass	0.097	0.152	0.371	3	443069.880	9211633.097	497.867
21094003	Pass	0.094	0.149	0.370	3	443117.563	9211646.022	499.530
21094250	Pass	0.110	0.244	0.614	2	442860.454	9211672.997	495.256
21096291	Pass	0.080	0.080	0.325	3	443089.178	9212195.303	488.679
21101503	Pass	0.100	0.167	0.387	3	443432.488	9211378.542	521.905
21101657	Pass	0.104	0.156	0.382	3	443338.020	9211445.780	514.453
21102241	Pass	0.087	0.120	0.357	3	443569.908	9211635.890	522.098

21103604	Pass	0.080	0.082	0.339	3	443687.349	9211952.407	496.914
21104055	Pass	0.083	0.094	0.332	3	443223.069	9212001.579	502.319
21109471	Pass	0.098	0.171	0.401	3	443816.094	9211198.425	501.176
21109615	Pass	0.092	0.150	0.391	3	443872.114	9211303.779	492.048
21109693	Pass	0.097	0.140	0.378	3	443738.915	9211369.177	507.501
21111710	Pass	0.080	0.082	0.349	3	444096.751	9211768.380	482.838
21111858	Pass	0.077	0.080	0.341	3	443902.721	9211826.836	486.317
21112291	Pass	0.082	0.083	0.341	3	443716.127	9211939.477	497.276
21117685	Pass	0.092	0.141	0.382	3	444216.219	9211157.005	481.931
21120001	Pass	0.077	0.080	0.350	3	444461.799	9211605.834	462.886
21126039	Pass	0.090	0.158	0.386	3	444636.833	9210909.648	498.454
21126115	Pass	0.090	0.140	0.376	3	444575.952	9211009.929	494.629
21126204	Pass	0.097	0.146	0.383	3	444492.305	9210982.905	493.336
21126539	Pass	0.090	0.143	0.382	3	444270.298	9211142.209	485.633
21128367	Pass	0.073	0.077	0.341	3	444790.747	9211472.553	473.077
21128462	Pass	0.076	0.083	0.350	3	444632.349	9211420.827	464.540
21134455	Pass	0.094	0.152	0.382	3	444924.571	9210795.659	514.438
21134614	Pass	0.096	0.136	0.380	3	444834.903	9210902.735	498.756
21135266	Pass	0.087	0.132	0.373	3	444986.747	9210905.894	500.823
21136873	Pass	0.076	0.079	0.335	3	445206.100	9211298.364	503.478
21137092	Pass	0.075	0.080	0.343	3	445003.812	9211309.379	484.491
21142949	Pass	0.101	0.163	0.411	3	445353.446	9210642.153	521.178
21143090	Pass	0.102	0.149	0.393	3	445230.467	9210724.973	546.417
21143956	Pass	0.092	0.121	0.380	3	445381.244	9210861.477	517.091
21151632	Pass	0.137	0.278	0.707	2	445779.832	9210476.886	476.748
21151792	Pass	0.122	0.260	0.669	2	445622.864	9210512.057	508.793
21151952	Pass	0.121	0.238	0.654	2	445539.854	9210571.747	512.364
21153672	Pass	0.090	0.103	0.372	3	445563.303	9210973.699	500.026
21160417	Pass	0.177	0.275	0.667	2	431280.837	9217024.683	501.417
21160577	Pass	0.166	0.258	0.645	2	431330.867	9216983.766	514.464
21160736	Pass	0.162	0.289	0.661	2	431476.937	9217064.113	508.583
21160915	Pass	0.134	0.183	0.418	3	431664.758	9216913.100	472.719
21161057	Pass	0.131	0.178	0.417	3	431720.066	9216883.155	466.887
21161216	Pass	0.128	0.174	0.423	3	431842.361	9216831.251	448.678
21162352	Pass	0.170	0.178	0.624	2	431149.105	9216698.717	484.803
21162505	Pass	0.141	0.159	0.616	2	431289.004	9216638.800	471.179
21162711	Pass	0.136	0.155	0.612	2	431323.080	9216626.329	472.155
21162993	Pass	0.114	0.118	0.363	3	431538.212	9216539.959	442.706
21163774	Pass	0.111	0.107	0.343	3	431463.960	9216421.715	463.004
21164084	Pass	0.106	0.106	0.345	3	431610.273	9216432.299	468.634
21166164	Pass	0.217	0.148	0.642	2	430898.223	9216119.936	465.308
21166324	Pass	0.182	0.154	0.658	2	431027.742	9216038.340	402.144
21166484	Pass	0.145	0.131	0.643	2	431169.252	9216130.983	395.488
21166649	Pass	0.120	0.108	0.355	3	431291.611	9216078.651	399.089
21166804	Pass	0.116	0.108	0.355	3	431334.766	9216049.825	394.543
21166966	Pass	0.106	0.114	0.351	3	431472.468	9215897.176	424.543
21169409	Pass	0.115	0.171	0.404	3	432034.783	9216759.020	451.657
21169570	Pass	0.116	0.181	0.409	3	432122.499	9216790.261	452.064
21169609	Pass	0.117	0.178	0.427	3	432205.985	9216743.314	403.780
21171564	Pass	0.103	0.107	0.369	3	432029.373	9216319.727	433.709
21171959	Pass	0.104	0.107	0.379	3	431870.810	9216319.335	408.513

21172120	Pass	0.103	0.109	0.387	3	431970.511	9216322.062	390.136
21174184	Pass	0.165	0.125	0.629	2	431415.398	9215940.020	415.803
21174409	Pass	0.119	0.112	0.388	3	431652.819	9215809.224	415.988
21174570	Pass	0.107	0.108	0.388	3	431818.050	9215848.439	394.015
21174728	Pass	0.107	0.110	0.390	3	431837.612	9215828.298	392.549
21175229	Pass	0.216	0.141	0.663	2	431617.237	9215725.771	437.853
21177452	Pass	0.105	0.177	0.410	3	432468.541	9216653.460	424.229
21177652	Pass	0.105	0.179	0.411	3	432491.534	9216656.896	421.425
21179078	Pass	0.102	0.110	0.382	3	432299.991	9216201.880	423.929
21179730	Pass	0.104	0.105	0.373	3	432257.232	9216150.081	443.621
21180056	Pass	0.103	0.103	0.377	3	432485.308	9216043.528	428.480
21182173	Pass	0.123	0.115	0.411	3	432039.775	9215684.999	405.034
21182320	Pass	0.118	0.115	0.406	3	432100.990	9215678.970	405.335
21182481	Pass	0.113	0.128	0.400	3	432267.579	9215551.483	425.714
21187188	Pass	0.100	0.106	0.357	3	432772.330	9215992.800	470.428
21187388	Pass	0.100	0.104	0.353	3	432850.924	9215954.828	477.444
21187781	Pass	0.104	0.106	0.371	3	432637.537	9215984.152	447.304
21190252	Pass	0.132	0.129	0.409	3	432401.552	9215446.921	435.206
21190428	Pass	0.123	0.125	0.397	3	432507.651	9215455.008	442.294
21190573	Pass	0.121	0.137	0.396	3	432571.759	9215360.638	454.728
21195267	Pass	0.099	0.108	0.359	3	433058.516	9215881.641	452.307
21195462	Pass	0.098	0.107	0.358	3	433086.652	9215870.442	450.740
21195614	Pass	0.097	0.104	0.356	3	433227.910	9215809.100	443.654
21198454	Pass	0.130	0.124	0.404	3	432803.761	9215352.831	434.287
21198607	Pass	0.117	0.118	0.376	3	432963.224	9215368.950	471.274
21198768	Pass	0.122	0.138	0.385	3	432976.874	9215198.847	482.987
21203761	Pass	0.095	0.105	0.342	3	433490.183	9215709.769	471.121
21203990	Pass	0.095	0.102	0.340	3	433621.706	9215653.220	461.603
21204358	Pass	0.104	0.102	0.356	3	433363.845	9215588.484	463.315
21207056	Pass	0.129	0.129	0.375	3	433229.715	9215150.390	511.548
21207218	Pass	0.120	0.131	0.359	3	433375.914	9215101.230	536.442
21207732	Pass	0.148	0.157	0.407	3	433118.140	9214988.975	494.304
21212214	Pass	0.094	0.102	0.322	3	433934.353	9215530.767	493.775
21212295	Pass	0.094	0.101	0.332	3	434002.661	9215505.140	463.038
21212750	Pass	0.100	0.101	0.329	3	433781.792	9215485.142	507.262
21215287	Pass	0.124	0.114	0.351	3	433631.174	9215098.914	532.988
21215447	Pass	0.120	0.114	0.348	3	433689.372	9215087.988	523.489
21215557	Pass	0.120	0.119	0.351	3	433734.336	9215024.906	515.709
21220349	Pass	0.095	0.105	0.328	3	434213.664	9215418.435	462.772
21221224	Pass	0.098	0.099	0.339	3	434235.947	9215262.253	439.076
21221387	Pass	0.096	0.096	0.335	3	434371.766	9215214.846	443.537
21223627	Pass	0.132	0.123	0.363	3	433986.312	9214861.843	503.313
21223753	Pass	0.122	0.118	0.357	3	434080.293	9214885.697	486.834
21223911	Pass	0.119	0.122	0.371	3	434144.600	9214846.536	450.924
21227454	Pass	0.084	0.137	0.306	3	434759.556	9215615.971	487.091
21229364	Pass	0.092	0.101	0.313	3	434605.067	9215242.088	466.006
21229512	Pass	0.097	0.096	0.312	3	434576.984	9215115.327	482.950
21229674	Pass	0.092	0.092	0.306	3	434790.015	9215091.862	482.430
21231966	Pass	0.131	0.123	0.353	3	434361.713	9214668.938	520.706
21232028	Pass	0.123	0.127	0.349	3	434469.106	9214619.305	520.685
21232189	Pass	0.114	0.113	0.334	3	434529.049	9214712.796	521.247

21237344	Pass	0.088	0.099	0.314	3	435008.439	9215081.113	479.059
21237464	Pass	0.087	0.094	0.311	3	435132.330	9215028.243	474.056
21237997	Pass	0.095	0.093	0.313	3	434933.165	9214950.944	505.133
21240440	Pass	0.119	0.107	0.355	3	434779.108	9214625.613	480.299
21240556	Pass	0.111	0.108	0.332	3	434889.447	9214573.677	529.978
21240718	Pass	0.109	0.115	0.340	3	434966.071	9214497.175	516.281
21245746	Pass	0.083	0.093	0.297	3	435483.112	9214872.187	500.636
21246042	Pass	0.107	0.125	0.574	2	435116.011	9214966.804	475.475
21246304	Pass	0.090	0.092	0.302	3	435325.570	9214817.297	513.878
21246594	Pass	0.084	0.088	0.302	3	435535.793	9214788.117	489.667
21248450	Pass	0.197	0.120	0.610	2	434774.699	9214556.025	508.037
21248823	Pass	0.124	0.117	0.348	3	435122.394	9214332.159	523.855
21248958	Pass	0.107	0.104	0.329	3	435255.342	9214419.576	517.467
21249120	Pass	0.103	0.105	0.330	3	435317.159	9214390.646	510.221
21254475	Pass	0.110	0.107	0.562	2	435479.237	9214700.101	497.109
21254716	Pass	0.086	0.091	0.306	3	435724.129	9214666.145	470.052
21254874	Pass	0.084	0.089	0.305	3	435763.898	9214651.009	469.087
21255034	Pass	0.081	0.089	0.308	3	435905.534	9214668.704	451.780
21257251	Pass	0.111	0.101	0.320	3	435555.040	9214268.145	524.576
21257376	Pass	0.114	0.112	0.325	3	435575.749	9214152.455	543.572
21257536	Pass	0.101	0.110	0.326	3	435745.361	9214143.283	514.331
21262433	Pass	0.076	0.088	0.319	3	436267.883	9214538.161	445.372
21262929	Pass	0.080	0.089	0.316	3	436130.897	9214534.558	463.359
21263160	Pass	0.076	0.088	0.319	3	436271.313	9214534.122	445.137
21265422	Pass	0.112	0.107	0.357	3	435918.715	9214036.337	477.490
21265588	Pass	0.108	0.106	0.352	3	435953.660	9214032.052	484.401
21265744	Pass	0.101	0.107	0.350	3	436044.049	9214003.971	481.881
21270629	Pass	0.072	0.082	0.311	3	436682.294	9214359.373	470.945
21271037	Pass	0.080	0.083	0.333	3	436465.779	9214317.103	443.138
21271192	Pass	0.074	0.083	0.316	3	436579.687	9214346.345	465.031
21273546	Pass	0.104	0.093	0.355	3	436310.524	9213942.786	467.036
21273682	Pass	0.099	0.092	0.351	3	436361.331	9213935.249	465.576
21273842	Pass	0.091	0.097	0.354	3	436485.210	9213862.120	455.916
21278722	Pass	0.069	0.081	0.299	3	436973.331	9214233.576	491.800
21278861	Pass	0.070	0.076	0.293	3	437122.427	9214168.683	504.616
21279282	Pass	0.077	0.078	0.321	3	436850.156	9214130.216	454.446
21281602	Pass	0.101	0.089	0.348	3	436682.830	9213769.516	471.877
21281763	Pass	0.096	0.098	0.352	3	436761.236	9213674.768	463.433
21281920	Pass	0.089	0.100	0.348	3	436863.522	9213639.926	471.689
21287250	Pass	0.072	0.083	0.318	3	437268.051	9214086.015	474.446
21287364	Pass	0.070	0.082	0.315	3	437308.571	9214072.916	473.767
21287527	Pass	0.070	0.077	0.307	3	437450.766	9214010.184	486.727
21289563	Pass	0.099	0.089	0.370	3	437059.634	9213622.108	461.002
21289711	Pass	0.088	0.091	0.361	3	437203.023	9213576.311	459.054
21289873	Pass	0.089	0.101	0.367	3	437243.000	9213489.921	463.046
21294688	Pass	0.071	0.080	0.291	3	437819.257	9213867.899	529.817
21295111	Pass	0.076	0.078	0.312	3	437618.790	9213828.512	496.709
21295267	Pass	0.076	0.076	0.305	3	437649.082	9213794.201	513.936
21297346	Pass	0.097	0.092	0.365	3	437477.623	9213457.603	472.157
21297507	Pass	0.092	0.094	0.357	3	437573.076	9213422.454	475.821
21297669	Pass	0.090	0.096	0.355	3	437628.180	9213397.897	476.839

21302258	Pass	0.086	0.105	0.554	2	438055.211	9213776.927	521.606
21302510	Pass	0.122	0.098	0.556	2	438264.494	9213683.633	519.964
21302984	Pass	0.092	0.098	0.554	2	438095.143	9213721.571	522.999
21304774	Pass	0.109	0.138	0.594	2	438061.561	9213243.363	513.608
21305266	Pass	0.124	0.156	0.636	2	437750.701	9213194.520	470.229
21305426	Pass	0.111	0.172	0.631	2	437893.335	9213132.185	478.827
30071893	Pass	0.098	0.083	0.330	3	453329.542	9209193.915	507.586
30072272	Pass	0.119	0.092	0.341	2	453572.801	9208887.632	465.783
30073276	Pass	0.179	0.208	0.672	2	453606.581	9209017.861	456.512
30073822	Pass	0.077	0.078	0.293	3	453876.680	9208951.395	471.450
30073953	Pass	0.077	0.075	0.287	3	453859.710	9209008.069	486.353
30074378	Pass	0.089	0.084	0.542	2	453796.446	9209382.084	461.090
30074486	Pass	0.113	0.083	0.526	2	453634.818	9209403.690	489.561
30074560	Pass	0.078	0.077	0.300	3	454081.727	9209039.715	478.460
30075026	Pass	0.085	0.084	0.536	2	453934.995	9209361.525	477.038
30076324	Pass	0.097	0.080	0.331	3	454310.364	9209090.214	439.741
30076778	Pass	0.135	0.109	0.552	2	454244.792	9209520.816	488.512
30076937	Pass	0.128	0.126	0.559	2	454205.454	9209609.324	479.293
30077229	Pass	0.117	0.084	0.347	3	454452.578	9209140.653	436.271
30077389	Pass	0.110	0.086	0.342	3	454402.214	9209235.762	441.762
30077709	Pass	0.166	0.106	0.570	2	454361.870	9209478.725	469.078
30081595	Pass	0.076	0.074	0.286	3	454035.301	9208723.178	468.144
30082030	Pass	0.075	0.079	0.300	3	454201.577	9208599.281	441.262
30083562	Pass	0.104	0.080	0.321	3	454537.299	9208758.802	439.082
30083885	Pass	0.104	0.088	0.324	3	454519.632	9208959.898	437.058
30084358	Pass	0.133	0.085	0.335	3	454729.330	9208799.631	449.127
30087852	Pass	0.075	0.085	0.318	3	454217.364	9208105.715	441.218
30087928	Pass	0.075	0.081	0.320	3	454321.425	9208179.980	438.853
30087965	Pass	0.075	0.075	0.310	3	454230.710	9208315.166	444.671
30088254	Pass	0.076	0.081	0.296	3	454047.942	9208545.223	441.260
30090086	Pass	0.100	0.079	0.338	3	454635.265	9208399.833	438.487
30090215	Pass	0.098	0.080	0.334	3	454609.988	9208445.731	442.128
30090864	Pass	0.136	0.086	0.361	3	454858.802	9208475.980	439.537
30093835	Pass	0.080	0.074	0.313	3	454252.598	9207924.158	455.235
30094296	Pass	0.074	0.078	0.326	3	454425.223	9207832.158	440.353
30095013	Pass	0.077	0.079	0.331	3	454537.284	9207827.129	444.942
30096560	Pass	0.103	0.079	0.353	3	454795.631	9208007.862	434.879
30096875	Pass	0.094	0.082	0.350	3	454697.124	9208156.917	433.723
30097249	Pass	0.129	0.083	0.368	3	454966.312	9208025.908	442.848
30100149	Pass	0.071	0.076	0.307	3	454517.170	9207432.653	472.515
30100257	Pass	0.071	0.074	0.307	3	454602.224	9207504.461	479.934
30100481	Pass	0.074	0.071	0.312	3	454479.770	9207635.978	463.763
30102369	Pass	0.102	0.078	0.339	3	454974.286	9207604.720	468.360
30102524	Pass	0.096	0.080	0.344	3	454904.438	9207748.803	448.334
30103112	Pass	0.134	0.087	0.360	3	455158.268	9207769.748	470.077
30105735	Pass	0.072	0.069	0.287	3	454574.161	9207144.691	484.813
30106301	Pass	0.068	0.070	0.285	3	454655.467	9207120.096	496.405
30107083	Pass	0.068	0.071	0.285	3	454800.189	9207140.475	518.905
30108288	Pass	0.098	0.077	0.319	3	455128.791	9207306.856	493.444
30108417	Pass	0.088	0.078	0.314	3	455039.398	9207375.651	491.610
30112348	Pass	0.066	0.075	0.296	3	454881.670	9206695.779	463.592

30112648	Pass	0.070	0.066	0.290	3	454736.240	9206857.425	466.297
30113126	Pass	0.066	0.070	0.295	3	454922.917	9206790.261	468.656
30114639	Pass	0.104	0.079	0.340	3	455347.805	9206857.495	439.367
30114786	Pass	0.084	0.078	0.314	3	455182.346	9207034.668	472.297
30115404	Pass	0.109	0.082	0.335	3	455378.130	9206981.025	458.122
30115833	Pass	0.121	0.081	0.339	3	455286.085	9207291.990	480.356
30118955	Pass	0.073	0.072	0.300	3	454898.951	9206391.190	466.403
30118986	Pass	0.069	0.072	0.310	3	455050.454	9206428.811	457.089
30120885	Pass	0.113	0.082	0.350	3	455544.720	9206508.541	456.386
30121046	Pass	0.087	0.079	0.338	3	455342.952	9206669.572	435.365
30125054	Pass	0.076	0.083	0.310	3	455128.702	9205975.262	470.887
30125326	Pass	0.073	0.073	0.309	3	455161.262	9206182.568	475.042
30125444	Pass	0.071	0.080	0.309	3	454971.432	9206290.593	462.254
30127090	Pass	0.119	0.087	0.355	3	455686.191	9206167.154	461.384
30127246	Pass	0.098	0.083	0.341	3	455540.349	9206286.321	458.906
30127712	Pass	0.088	0.077	0.336	3	455352.378	9206571.992	438.728
30127909	Pass	0.127	0.088	0.361	3	455735.181	9206248.032	457.794
30131230	Pass	0.083	0.090	0.330	3	455265.231	9205626.016	438.480
30131549	Pass	0.084	0.081	0.326	3	455202.130	9205772.471	445.193
30132464	Pass	0.083	0.084	0.326	3	455397.857	9206035.260	469.682
30133516	Pass	0.129	0.097	0.376	3	455840.212	9205751.862	441.928
30133675	Pass	0.114	0.092	0.364	3	455741.473	9205842.110	441.023
30134293	Pass	0.163	0.101	0.392	3	456014.153	9205851.662	454.816
30137036	Pass	0.090	0.101	0.344	3	455414.166	9205181.537	417.062
30137439	Pass	0.084	0.099	0.336	3	455270.934	9205521.424	431.843
30137957	Pass	0.090	0.089	0.337	3	455368.468	9205406.121	425.871
30139903	Pass	0.133	0.105	0.379	3	455995.937	9205419.960	438.175
30140063	Pass	0.125	0.104	0.376	3	455927.412	9205583.570	433.241
30143737	Pass	0.094	0.096	0.340	3	455523.670	9204920.534	415.796
30144628	Pass	0.094	0.093	0.341	3	455516.430	9205022.691	416.128
30144903	Pass	0.090	0.096	0.341	3	455394.989	9205257.058	417.794
30146631	Pass	0.129	0.108	0.377	3	456116.040	9205060.828	427.635
30146804	Pass	0.111	0.106	0.367	3	455965.726	9205167.242	422.071
30147223	Pass	0.125	0.103	0.375	3	455929.859	9205515.074	430.337
30147427	Pass	0.155	0.114	0.396	3	456268.821	9205094.714	428.422
30150929	Pass	0.092	0.105	0.346	3	455584.707	9204779.623	413.766
30152015	Pass	0.098	0.100	0.361	3	455995.518	9204609.952	411.164
30152174	Pass	0.098	0.099	0.360	3	455967.001	9204724.738	412.051
30153480	Pass	0.121	0.105	0.381	3	456210.882	9204711.708	409.421
30153640	Pass	0.128	0.112	0.386	3	456239.689	9204857.274	414.459
30158060	Pass	0.088	0.094	0.344	3	456011.702	9204157.974	436.973
30158224	Pass	0.091	0.091	0.337	3	455893.215	9204272.892	437.464
30158821	Pass	0.090	0.097	0.355	3	456108.180	9204124.035	428.710
30159308	Pass	0.097	0.101	0.362	3	455994.233	9204544.215	413.561
30160302	Pass	0.118	0.100	0.381	3	456382.280	9204274.777	409.156
30160434	Pass	0.114	0.103	0.376	3	456320.061	9204426.080	408.038
30160755	Pass	0.120	0.105	0.382	3	456209.445	9204648.150	409.156
30161025	Pass	0.136	0.106	0.391	3	456488.591	9204384.826	407.284
30164521	Pass	0.083	0.091	0.341	3	456179.468	9203741.390	429.196
30164678	Pass	0.086	0.086	0.340	3	456057.446	9203859.064	417.261
30165283	Pass	0.085	0.089	0.344	3	456227.353	9203801.408	426.310

30166878	Pass	0.116	0.094	0.369	3	456558.979	9203964.431	428.735
30167050	Pass	0.110	0.103	0.374	3	456470.465	9204157.057	414.307
30167437	Pass	0.148	0.101	0.395	3	456758.608	9204002.583	420.119
30171192	Pass	0.082	0.083	0.341	3	456447.616	9203451.199	422.234
30171350	Pass	0.081	0.081	0.336	3	456337.194	9203530.244	421.416
30171512	Pass	0.082	0.081	0.335	3	456306.701	9203616.987	425.514
30172697	Pass	0.121	0.088	0.376	3	456794.049	9203560.533	407.697
30173381	Pass	0.126	0.090	0.377	3	456822.271	9203623.110	412.290
30173563	Pass	0.118	0.100	0.371	3	456736.736	9203818.171	423.811
30176218	Pass	0.078	0.076	0.326	3	456384.533	9203144.192	405.051
30176223	Pass	0.076	0.076	0.327	3	456492.628	9203131.949	406.202
30176800	Pass	0.081	0.078	0.331	3	456677.325	9203123.082	414.558
30178359	Pass	0.105	0.089	0.353	3	456855.944	9203418.486	403.734
30178786	Pass	0.132	0.088	0.368	3	457056.869	9203319.043	399.469
30178984	Pass	0.130	0.098	0.369	3	457017.035	9203474.267	401.574
30181341	Pass	0.071	0.080	0.314	3	456586.147	9202626.709	400.328
30181502	Pass	0.072	0.071	0.308	3	456634.353	9202819.468	408.254
30182093	Pass	0.072	0.076	0.311	3	456777.921	9202723.991	407.605
30183413	Pass	0.097	0.077	0.324	3	457045.964	9202860.243	399.873
30183725	Pass	0.087	0.081	0.320	3	456923.951	9203049.103	403.591
30184124	Pass	0.136	0.086	0.345	3	457296.773	9202966.739	394.210
30186367	Pass	0.076	0.068	0.322	3	456629.147	9202442.795	399.398
30186658	Pass	0.068	0.073	0.325	3	456783.801	9202343.057	398.272
30187303	Pass	0.073	0.072	0.330	3	457006.257	9202402.227	407.222
30188793	Pass	0.110	0.076	0.354	3	457314.665	9202481.614	408.745
30188948	Pass	0.096	0.077	0.340	3	457207.335	9202606.856	413.972
30189112	Pass	0.085	0.077	0.338	3	457103.293	9202653.331	404.176
30191387	Pass	0.069	0.074	0.327	3	456855.773	9201917.744	399.141
30191667	Pass	0.078	0.159	0.607	2	456706.008	9202271.157	400.985
30192054	Pass	0.065	0.068	0.325	3	456987.837	9202037.501	406.274
30193862	Pass	0.103	0.072	0.354	3	457438.531	9202118.991	407.521
30194019	Pass	0.095	0.073	0.347	3	457370.158	9202241.091	410.835
30194200	Pass	0.084	0.076	0.341	3	457269.877	9202320.758	413.901
30197116	Pass	0.066	0.080	0.326	3	457040.697	9201474.901	400.687
30197863	Pass	0.064	0.065	0.320	3	457081.721	9201679.819	399.427
30198013	Pass	0.066	0.063	0.321	3	457040.135	9201771.747	396.496
30198806	Pass	0.068	0.073	0.336	3	457114.355	9201959.367	398.807
30199800	Pass	0.101	0.070	0.343	3	457590.710	9201708.291	397.090
30200083	Pass	0.083	0.074	0.335	3	457434.405	9201969.132	394.041
30200496	Pass	0.124	0.073	0.354	3	457732.600	9201803.039	394.070
30203288	Pass	0.069	0.066	0.321	3	457115.013	9201276.161	398.830
30203815	Pass	0.063	0.077	0.327	3	457266.477	9201141.321	404.862
30203978	Pass	0.064	0.065	0.322	3	457217.455	9201310.321	398.373
30205888	Pass	0.087	0.068	0.340	3	457635.235	9201385.095	398.272
30205965	Pass	0.095	0.073	0.345	3	457688.387	9201542.806	396.994
30206082	Pass	0.096	0.078	0.348	3	457680.631	9201627.305	396.787
30209457	Pass	0.064	0.075	0.313	3	457381.260	9200798.144	418.085
30209731	Pass	0.068	0.063	0.310	3	457285.164	9201020.536	413.474
30210154	Pass	0.065	0.071	0.316	3	457532.449	9200869.064	414.091
30211639	Pass	0.104	0.072	0.339	3	457908.168	9201041.607	405.453
30211799	Pass	0.091	0.074	0.334	3	457809.818	9201198.610	401.445

30212289	Pass	0.123	0.075	0.350	3	458024.592	9201079.823	404.674
30215902	Pass	0.066	0.066	0.329	3	457538.605	9200691.838	419.132
30216137	Pass	0.069	0.073	0.331	3	457716.274	9200524.212	426.389
30217645	Pass	0.102	0.074	0.354	3	458032.463	9200670.382	421.189
30217965	Pass	0.085	0.075	0.348	3	457893.525	9200820.904	417.238
30218367	Pass	0.127	0.079	0.371	3	458180.863	9200719.894	417.012
30221962	Pass	0.067	0.071	0.315	3	457762.328	9200187.279	467.335
30222247	Pass	0.068	0.067	0.320	3	457684.473	9200320.744	454.441
30222533	Pass	0.066	0.069	0.326	3	457581.771	9200572.771	423.224
30222890	Pass	0.068	0.069	0.316	3	457798.969	9200241.759	467.714
30224294	Pass	0.095	0.074	0.341	3	458130.570	9200299.620	458.964
30224454	Pass	0.087	0.075	0.338	3	458059.940	9200414.411	457.292
30225054	Pass	0.129	0.081	0.364	3	458346.751	9200392.627	455.493
30228566	Pass	0.070	0.079	0.309	3	457815.126	9199679.416	484.277
30228723	Pass	0.069	0.068	0.307	3	457872.561	9199937.097	483.789
30229359	Pass	0.070	0.074	0.315	3	458014.285	9199781.620	474.589
30230895	Pass	0.096	0.075	0.334	3	458296.452	9199950.829	465.899
30231020	Pass	0.089	0.077	0.332	3	458231.643	9200078.945	464.755
30231656	Pass	0.129	0.080	0.353	3	458510.141	9199998.929	463.438
30233951	Pass	0.173	0.166	0.570	2	457804.380	9199264.975	482.326
30235071	Pass	0.070	0.077	0.304	3	457972.361	9199348.861	475.541
30235230	Pass	0.069	0.070	0.301	3	458012.791	9199485.811	476.611
30235771	Pass	0.071	0.074	0.307	3	458195.028	9199449.671	470.467
30237246	Pass	0.091	0.075	0.319	3	458421.745	9199550.392	463.461
30237405	Pass	0.085	0.075	0.314	3	458353.343	9199681.436	468.460
30237984	Pass	0.109	0.079	0.326	3	458552.093	9199646.587	463.800
30240263	Pass	0.106	0.095	0.315	3	457881.440	9199034.081	481.474
30240960	Pass	0.204	0.112	0.559	2	457930.453	9199055.412	480.954
30241186	Pass	0.195	0.135	0.565	2	457891.689	9199150.286	478.126
30241764	Pass	0.075	0.069	0.309	3	458052.391	9199167.164	472.449
30242135	Pass	0.071	0.074	0.316	3	458284.087	9199106.123	471.591
30242278	Pass	0.073	0.073	0.319	3	458316.752	9199213.424	464.424
30243545	Pass	0.097	0.079	0.342	3	458588.070	9199151.752	457.520
30243706	Pass	0.102	0.081	0.346	3	458612.837	9199316.658	450.786
30244238	Pass	0.136	0.085	0.373	3	458824.501	9199218.517	440.597
30246403	Pass	0.100	0.089	0.304	3	458012.810	9198625.893	482.638
30247662	Pass	0.072	0.077	0.315	3	458301.775	9198671.602	470.177
30247829	Pass	0.074	0.072	0.313	3	458264.191	9198778.715	473.410
30248434	Pass	0.074	0.083	0.330	3	458474.246	9198637.349	462.377
30249974	Pass	0.107	0.084	0.359	3	458780.470	9198836.662	445.876
30250133	Pass	0.100	0.084	0.353	3	458710.632	9198984.294	453.476
30250762	Pass	0.133	0.089	0.383	3	458935.627	9198825.635	433.002
30252056	Pass	0.082	0.079	0.292	3	458024.301	9198172.871	480.143
30252790	Pass	0.099	0.089	0.302	3	458160.552	9198264.102	470.140
30254071	Pass	0.074	0.081	0.330	3	458494.821	9198310.973	451.502
30254391	Pass	0.075	0.076	0.329	3	458480.680	9198490.095	454.593
30254796	Pass	0.075	0.084	0.339	3	458585.939	9198306.422	444.785
30256292	Pass	0.119	0.093	0.379	3	458986.504	9198512.220	434.655
30256585	Pass	0.099	0.089	0.366	3	458832.265	9198612.309	435.587
30258471	Pass	0.100	0.095	0.310	3	458320.573	9197943.322	453.720
30258665	Pass	0.176	0.110	0.561	2	458304.291	9197954.298	453.999

30258976	Pass	0.117	0.085	0.311	3	458454.306	9197838.751	450.444
30259706	Pass	0.075	0.090	0.333	3	458637.404	9197866.682	442.233
30259849	Pass	0.076	0.079	0.331	3	458605.738	9198069.747	442.550
30260409	Pass	0.079	0.091	0.343	3	458800.509	9197935.073	444.437
30261777	Pass	0.130	0.105	0.396	3	459200.426	9198086.306	423.035
30261903	Pass	0.105	0.097	0.368	3	459033.274	9198214.461	444.837
30262223	Pass	0.119	0.093	0.380	3	458994.888	9198450.351	437.406
30262443	Pass	0.148	0.109	0.408	3	459290.985	9198119.153	423.972
30264450	Pass	0.108	0.080	0.309	3	458546.538	9197433.681	440.355
30264495	Pass	0.107	0.090	0.311	3	458534.036	9197536.474	445.313
30265824	Pass	0.080	0.093	0.347	3	458880.447	9197596.892	427.558
30265932	Pass	0.080	0.085	0.334	3	458724.351	9197619.800	435.699
30268050	Pass	0.117	0.111	0.392	3	459263.681	9197723.117	416.277
30268125	Pass	0.104	0.105	0.380	3	459155.760	9197869.589	422.026
30268607	Pass	0.143	0.119	0.414	3	459409.080	9197730.259	414.313
30270705	Pass	0.120	0.079	0.313	3	458770.032	9197021.190	431.952
30270766	Pass	0.117	0.082	0.313	3	458749.197	9197067.804	434.660
30270838	Pass	0.109	0.090	0.313	3	458687.390	9197159.845	438.787
30271197	Pass	0.111	0.075	0.308	3	458571.256	9197360.369	437.800
30272215	Pass	0.086	0.086	0.324	3	458853.693	9197270.035	465.102
30272509	Pass	0.080	0.097	0.347	3	458853.708	9197489.197	432.179
30272814	Pass	0.094	0.109	0.365	3	459156.614	9197215.925	422.417
30272979	Pass	0.086	0.096	0.336	3	459027.940	9197296.552	465.757
30274326	Pass	0.128	0.124	0.402	3	459428.533	9197395.826	417.260
30274637	Pass	0.122	0.122	0.401	3	459384.162	9197539.652	417.819
30274920	Pass	0.167	0.139	0.436	3	459627.817	9197392.501	416.628
30277050	Pass	0.196	0.106	0.586	2	458839.733	9196822.753	427.814
30277742	Pass	0.236	0.090	0.588	2	458978.632	9196711.321	432.549
30278689	Pass	0.104	0.111	0.374	3	459186.832	9196891.883	420.536
30278754	Pass	0.096	0.097	0.367	3	459064.623	9197006.004	421.963
30280800	Pass	0.151	0.149	0.432	3	459628.990	9197036.469	420.531
30281045	Pass	0.133	0.137	0.421	3	459517.685	9197174.989	416.566
30281559	Pass	0.162	0.154	0.441	3	459682.547	9197058.982	421.154
30284589	Pass	0.133	0.145	0.631	2	459146.747	9196569.296	422.530
30284944	Pass	0.144	0.185	0.647	2	459317.823	9196451.311	430.949
30284995	Pass	0.135	0.158	0.631	2	459181.787	9196518.948	431.613
30285256	Pass	0.109	0.118	0.380	3	459225.224	9196810.108	419.854
30286929	Pass	0.230	0.202	0.699	2	459786.933	9196639.786	431.848
30286963	Pass	0.219	0.182	0.683	2	459765.581	9196770.489	435.090
30287379	Pass	0.282	0.207	0.723	2	459940.523	9196739.180	433.988
30288885	Pass	0.162	0.231	0.678	2	453281.558	9209719.932	453.748
30289186	Pass	0.157	0.242	0.674	2	453265.249	9209752.216	465.399
30291363	Pass	0.086	0.077	0.306	3	453178.593	9208985.769	589.928
30291427	Pass	0.085	0.145	0.585	2	452838.847	9209461.570	586.225
30291589	Pass	0.084	0.135	0.612	2	452951.699	9209424.582	523.601
30291876	Pass	0.077	0.092	0.348	3	452969.329	9209245.617	508.347
30291909	Pass	0.078	0.088	0.342	3	452960.803	9209181.552	519.674
30292075	Pass	0.078	0.083	0.321	3	452972.852	9209095.825	574.578
30294181	Pass	0.175	0.128	0.604	2	452477.961	9209351.842	634.009
30294302	Pass	0.153	0.102	0.598	2	452549.163	9209211.386	602.883
30294459	Pass	0.133	0.095	0.607	2	452622.241	9209104.615	562.846

30294626	Pass	0.118	0.092	0.363	3	452583.224	9208997.963	566.238
30294780	Pass	0.116	0.093	0.365	3	452609.135	9208919.872	549.664
30294939	Pass	0.112	0.095	0.363	3	452644.193	9208852.890	548.138
30298717	Pass	0.089	0.076	0.230	4	453615.434	9208763.453	481.848
30300142	Pass	0.079	0.078	0.257	4	453206.566	9208589.599	445.028
30300994	Pass	0.079	0.078	0.258	4	453203.429	9208577.348	443.553
30301742	Pass	0.090	0.083	0.277	4	453001.588	9208504.062	447.760
30302492	Pass	0.116	0.092	0.301	4	452773.818	9208411.018	477.394
30302548	Pass	0.107	0.089	0.293	4	452845.599	9208435.776	464.086
30303407	Pass	0.122	0.094	0.305	4	452738.569	9208393.191	481.834
30307005	Pass	0.080	0.090	0.350	3	453288.576	9208558.415	447.651
30308245	Pass	0.078	0.080	0.241	4	453301.576	9208272.946	474.896
30309439	Pass	0.134	0.096	0.386	3	452796.976	9208369.401	486.365
30309584	Pass	0.120	0.098	0.361	3	452878.039	9208251.344	542.925
30309761	Pass	0.101	0.098	0.346	3	453005.616	9208186.599	542.494
30312531	Pass	0.093	0.080	0.243	4	453921.961	9208184.719	456.065
30313244	Pass	0.087	0.077	0.240	4	453845.032	9208126.503	459.568
30313699	Pass	0.081	0.095	0.343	3	453493.175	9208311.506	457.914
30314034	Pass	0.079	0.095	0.342	3	453279.696	9208631.437	478.908
30314084	Pass	0.087	0.187	0.642	2	453292.819	9208641.335	484.447
30314728	Pass	0.076	0.078	0.230	4	453598.511	9208029.455	510.397
30314750	Pass	0.076	0.078	0.232	4	453585.400	9208018.332	504.694
30316413	Pass	0.114	0.096	0.362	3	453015.240	9208056.801	507.716
30316569	Pass	0.112	0.097	0.360	3	453029.149	9207996.991	507.107
30316665	Pass	0.098	0.095	0.342	3	453139.878	9207929.236	538.541
30318978	Pass	0.111	0.104	0.344	3	453948.740	9208104.514	470.355
30319200	Pass	0.120	0.082	0.343	3	454022.057	9207905.679	466.753
30320363	Pass	0.081	0.092	0.342	3	453642.419	9207966.453	478.158
30320490	Pass	0.082	0.085	0.339	3	453672.728	9207883.931	481.217
30321436	Pass	0.083	0.078	0.335	3	453692.442	9207687.453	502.530
30323570	Pass	0.111	0.094	0.347	3	453177.433	9207735.514	580.275
30323733	Pass	0.114	0.094	0.356	3	453172.103	9207648.818	552.108
30323919	Pass	0.105	0.097	0.367	3	453259.157	9207517.010	514.799
30327019	Pass	0.086	0.183	0.641	2	453620.985	9207994.915	489.799
30327313	Pass	0.078	0.092	0.325	3	453757.177	9207667.782	489.984
30327458	Pass	0.081	0.079	0.327	3	453829.554	9207507.676	467.011
30327765	Pass	0.092	0.130	0.622	2	453687.281	9207816.315	497.205
30328260	Pass	0.081	0.077	0.326	3	453842.048	9207473.089	468.578
30330174	Pass	0.125	0.093	0.359	3	453229.012	9207387.583	543.285
30330303	Pass	0.120	0.092	0.356	3	453258.814	9207338.827	539.553
30330318	Pass	0.111	0.091	0.353	3	453323.439	9207276.107	528.444
30332615	Pass	0.152	0.208	0.604	2	454256.850	9207438.430	463.933
30333942	Pass	0.090	0.118	0.559	2	453840.864	9207465.088	470.608
30334264	Pass	0.078	0.074	0.317	3	453982.374	9207125.205	456.596
30334515	Pass	0.084	0.130	0.562	2	453776.222	9207515.348	473.845
30334744	Pass	0.074	0.085	0.322	3	453818.326	9207268.592	475.436
30334902	Pass	0.074	0.081	0.319	3	453800.920	9207203.265	476.577
30337128	Pass	0.102	0.087	0.339	3	453469.892	9207098.480	504.726
30337224	Pass	0.114	0.089	0.347	3	453392.619	9207033.416	509.377
30337353	Pass	0.098	0.086	0.340	3	453521.681	9206925.992	488.175
30340962	Pass	0.072	0.077	0.293	3	454091.350	9206873.303	478.118

30341491	Pass	0.070	0.080	0.301	3	453972.850	9206889.816	474.386
30341808	Pass	0.072	0.068	0.281	3	454113.354	9206701.193	508.332
30343726	Pass	0.118	0.088	0.341	3	453498.188	9206683.509	493.904
30343866	Pass	0.114	0.087	0.338	3	453535.572	9206593.139	487.970
30344016	Pass	0.106	0.089	0.335	3	453594.444	9206503.218	485.946
30347575	Pass	0.077	0.069	0.287	3	454321.479	9206347.702	485.285
30347957	Pass	0.070	0.077	0.298	3	454094.774	9206496.348	481.023
30348112	Pass	0.069	0.074	0.286	3	454182.025	9206488.148	498.263
30350009	Pass	0.109	0.084	0.329	3	453707.470	9206330.040	498.891
30350102	Pass	0.101	0.083	0.328	3	453767.092	9206279.477	479.045
30350203	Pass	0.099	0.086	0.320	3	453795.616	9206188.614	500.894
30353616	Pass	0.075	0.081	0.313	3	454330.202	9206162.463	457.560
30353723	Pass	0.077	0.078	0.315	3	454341.471	9206093.663	449.581
30353889	Pass	0.080	0.075	0.316	3	454369.339	9205974.538	450.927
30355241	Pass	0.106	0.086	0.332	3	453916.506	9205999.212	507.942
30355257	Pass	0.104	0.086	0.329	3	453940.526	9205942.439	511.988
30355289	Pass	0.107	0.091	0.335	3	453958.177	9205811.240	505.395
30358107	Pass	0.090	0.094	0.322	2	454542.570	9205834.637	451.087
30358794	Pass	0.085	0.082	0.330	3	454552.864	9205687.914	431.917
30358963	Pass	0.088	0.081	0.331	3	454583.617	9205619.861	433.577
30360782	Pass	0.130	0.096	0.360	3	453975.962	9205592.577	506.120
30360918	Pass	0.111	0.092	0.349	3	454099.990	9205603.384	486.182
30361065	Pass	0.108	0.095	0.347	3	454162.880	9205467.869	488.867
30364417	Pass	0.091	0.089	0.326	3	454748.591	9205351.271	429.634
30364886	Pass	0.088	0.093	0.331	3	454678.247	9205444.956	430.306
30365205	Pass	0.092	0.088	0.326	3	454739.855	9205256.238	432.647
30366994	Pass	0.118	0.098	0.354	3	454241.247	9205284.920	468.852
30367158	Pass	0.126	0.104	0.355	3	454214.549	9205127.722	480.333
30367299	Pass	0.122	0.106	0.354	3	454256.245	9205054.469	480.103
30370983	Pass	0.094	0.096	0.316	3	454893.305	9205031.897	436.605
30371118	Pass	0.098	0.092	0.314	3	454952.265	9204893.016	437.190
30371478	Pass	0.092	0.100	0.324	3	454818.711	9205091.169	430.549
30373730	Pass	0.120	0.104	0.338	3	454393.271	9204921.626	466.339
30373833	Pass	0.132	0.109	0.336	3	454331.773	9204777.200	491.752
30374033	Pass	0.121	0.107	0.327	3	454408.799	9204752.323	494.644
30378265	Pass	0.094	0.104	0.334	3	454986.902	9204746.233	425.024
30378427	Pass	0.094	0.099	0.328	3	454910.028	9204617.547	438.117
30378586	Pass	0.095	0.095	0.330	3	455021.938	9204546.074	426.121
30380671	Pass	0.138	0.111	0.346	3	454444.216	9204482.420	506.507
30380698	Pass	0.120	0.107	0.347	3	454584.310	9204406.167	462.317
30380854	Pass	0.114	0.106	0.343	3	454625.059	9204415.774	462.910
30385101	Pass	0.093	0.104	0.353	3	455015.019	9204335.562	424.668
30385260	Pass	0.092	0.100	0.348	3	455035.973	9204284.109	426.845
30385422	Pass	0.092	0.093	0.335	3	455172.612	9204153.064	442.428
30387276	Pass	0.154	0.118	0.594	2	454610.208	9204368.561	459.004
30387395	Pass	0.128	0.107	0.374	3	454655.776	9204151.509	450.785
30387559	Pass	0.124	0.106	0.370	3	454682.457	9204119.762	450.802
30387707	Pass	0.115	0.105	0.367	3	454758.566	9204005.526	447.667
30391843	Pass	0.088	0.098	0.342	3	455171.790	9203930.510	445.591
30391969	Pass	0.086	0.093	0.337	3	455230.394	9203849.095	444.546
30392130	Pass	0.086	0.090	0.334	3	455271.393	9203799.539	450.029

30394064	Pass	0.115	0.101	0.369	3	454864.204	9203793.003	439.625
30394216	Pass	0.130	0.104	0.381	3	454772.721	9203661.603	436.401
30394248	Pass	0.110	0.099	0.364	3	454904.941	9203671.640	444.499
30398451	Pass	0.081	0.092	0.324	3	455359.414	9203572.503	460.619
30398608	Pass	0.082	0.091	0.321	3	455463.647	9203583.823	458.006
30398769	Pass	0.080	0.084	0.319	3	455433.590	9203462.201	458.977
30400740	Pass	0.124	0.097	0.374	3	454919.277	9203383.561	418.973
30400902	Pass	0.118	0.096	0.367	3	454958.564	9203342.566	424.499
30400903	Pass	0.116	0.096	0.370	3	454978.078	9203267.515	416.682
30404410	Pass	0.077	0.088	0.330	3	455525.085	9203220.118	408.248
30404561	Pass	0.077	0.085	0.329	3	455565.393	9203192.758	405.775
30404701	Pass	0.077	0.078	0.329	3	455610.925	9203046.993	406.763
30406499	Pass	0.107	0.091	0.355	3	455145.940	9203103.738	407.509
30406643	Pass	0.109	0.090	0.357	3	455138.158	9202964.574	406.266
30406709	Pass	0.103	0.090	0.356	3	455192.099	9202884.382	406.582
30409813	Pass	0.078	0.077	0.332	3	455852.343	9202767.012	402.462
30410215	Pass	0.074	0.084	0.339	3	455719.002	9202863.500	403.258
30410313	Pass	0.075	0.083	0.336	3	455789.011	9202855.803	401.376
30412367	Pass	0.126	0.090	0.386	3	455185.143	9202684.574	406.503
30412526	Pass	0.098	0.084	0.364	3	455372.198	9202620.146	404.961
30412610	Pass	0.105	0.090	0.373	3	455331.102	9202476.987	407.224
30416473	Pass	0.072	0.084	0.345	3	455813.291	9202501.732	404.305
30416587	Pass	0.071	0.075	0.336	3	455897.438	9202389.116	404.950
30416704	Pass	0.073	0.072	0.333	3	455972.053	9202343.275	403.683
30418481	Pass	0.113	0.085	0.381	3	455412.361	9202310.237	405.776
30418633	Pass	0.108	0.084	0.376	3	455444.626	9202292.299	407.090
30418772	Pass	0.091	0.085	0.365	3	455582.624	9202110.875	408.037
30422175	Pass	0.071	0.086	0.340	3	456100.672	9202217.263	401.945
30422952	Pass	0.069	0.076	0.332	3	456042.148	9202085.625	412.256
30423112	Pass	0.069	0.069	0.330	3	456064.630	9201885.736	417.830
30424927	Pass	0.101	0.081	0.367	3	455620.679	9201995.856	411.001
30425086	Pass	0.092	0.078	0.356	3	455693.669	9201892.907	413.373
30425185	Pass	0.099	0.080	0.364	3	455652.027	9201824.008	408.391
30428257	Pass	0.069	0.073	0.319	3	456303.063	9201743.633	406.987
30428768	Pass	0.066	0.075	0.325	3	456131.110	9201744.746	412.450
30428904	Pass	0.069	0.068	0.316	3	456305.429	9201672.273	410.450
30430750	Pass	0.098	0.075	0.350	3	455783.070	9201565.234	411.063
30430820	Pass	0.101	0.078	0.352	3	455770.902	9201416.316	409.616
30431087	Pass	0.132	0.080	0.373	3	455592.742	9201522.152	412.276
30433701	Pass	0.073	0.064	0.318	3	456530.587	9201217.581	414.833
30434064	Pass	0.065	0.077	0.326	3	456373.247	9201446.090	416.067
30434226	Pass	0.064	0.069	0.318	3	456348.543	9201322.263	423.469
30436048	Pass	0.100	0.074	0.350	3	455902.659	9201203.608	419.431
30436118	Pass	0.086	0.072	0.335	3	456002.328	9201163.231	430.333
30436276	Pass	0.080	0.074	0.330	3	456065.041	9201045.851	434.872
30439339	Pass	0.074	0.065	0.331	3	456686.210	9200873.624	402.007
30439694	Pass	0.065	0.074	0.332	3	456483.482	9201033.184	415.870
30439855	Pass	0.066	0.069	0.331	3	456528.389	9200960.222	408.874
30441917	Pass	0.109	0.075	0.364	3	456023.523	9200871.958	436.218
30442043	Pass	0.104	0.077	0.360	3	456064.301	9200717.858	434.443
30442193	Pass	0.102	0.080	0.361	3	456088.432	9200661.032	430.514

30445606	Pass	0.072	0.072	0.332	3	456797.319	9200628.065	407.159
30446030	Pass	0.067	0.074	0.338	3	456630.264	9200648.948	409.053
30446310	Pass	0.070	0.066	0.335	3	456757.133	9200455.283	404.263
30448144	Pass	0.095	0.074	0.361	3	456280.781	9200502.651	409.023
30448295	Pass	0.106	0.076	0.367	3	456215.280	9200400.444	408.685
30448431	Pass	0.089	0.077	0.354	3	456359.149	9200280.744	422.315
30451886	Pass	0.073	0.071	0.337	3	456954.759	9200245.215	408.430
30452368	Pass	0.067	0.076	0.345	3	456815.017	9200311.710	405.255
30452648	Pass	0.069	0.066	0.340	3	456857.078	9200072.206	407.806
30454234	Pass	0.098	0.073	0.360	3	456411.250	9200164.617	424.560
30454329	Pass	0.105	0.073	0.360	3	456375.950	9200029.202	427.188
30454468	Pass	0.100	0.076	0.359	3	456416.446	9199941.067	429.271
30457930	Pass	0.071	0.083	0.345	3	457049.194	9200029.178	413.899
30458192	Pass	0.076	0.067	0.332	3	457140.113	9199808.632	425.526
30458707	Pass	0.068	0.073	0.343	3	456955.564	9199897.980	410.776
30460438	Pass	0.091	0.071	0.353	3	456605.807	9199782.225	429.601
30460561	Pass	0.102	0.073	0.364	3	456539.073	9199690.263	413.248
30460703	Pass	0.090	0.076	0.358	3	456642.861	9199558.958	416.549
30462111	Pass	0.108	0.095	0.345	3	457418.172	9200125.424	431.647
30464128	Pass	0.074	0.070	0.326	3	457273.159	9199475.234	444.984
30464184	Pass	0.076	0.120	0.602	2	457013.544	9199818.856	415.357
30464246	Pass	0.078	0.102	0.594	2	457051.542	9199741.914	419.322
30464318	Pass	0.069	0.079	0.347	3	457124.592	9199607.459	425.911
30464513	Pass	0.068	0.072	0.337	3	457100.373	9199497.971	432.999
30466494	Pass	0.112	0.074	0.372	3	456631.323	9199354.247	414.566
30466647	Pass	0.097	0.072	0.358	3	456731.716	9199358.035	425.028
30466747	Pass	0.087	0.076	0.348	3	456823.513	9199188.121	433.332
30470605	Pass	0.069	0.080	0.326	3	457335.905	9199246.812	456.790
30470761	Pass	0.068	0.076	0.323	3	457302.222	9199194.844	456.480
30470908	Pass	0.067	0.069	0.317	3	457277.911	9199063.466	456.458
30473037	Pass	0.106	0.073	0.345	3	456777.843	9199000.789	445.625
30473165	Pass	0.085	0.071	0.336	3	456936.955	9199000.419	441.159
30473294	Pass	0.086	0.072	0.332	3	456927.255	9198871.885	448.209
30479616	Pass	0.132	0.086	0.577	2	456939.915	9198887.154	447.835
30513761	Pass	0.112	0.072	0.529	2	457800.165	9196893.517	476.119
30580538	Pass	0.074	0.071	0.287	3	457986.035	9195862.487	439.119
30581108	Pass	0.119	0.096	0.295	3	457579.324	9195564.198	457.221
30581198	Pass	0.102	0.098	0.296	3	457725.782	9195536.145	449.082
30583077	Pass	0.069	0.068	0.289	3	458066.837	9195952.343	434.251
30586876	Pass	0.174	0.208	0.573	2	457755.157	9195164.694	452.147
30586991	Pass	0.176	0.174	0.557	2	457734.727	9195281.339	460.890
30587095	Pass	0.157	0.149	0.557	2	457803.746	9195374.136	448.680
30588910	Pass	0.087	0.152	0.577	2	458340.539	9195375.721	435.659
30589154	Pass	0.084	0.096	0.554	2	458146.642	9195615.789	438.184
30589534	Pass	0.085	0.122	0.568	2	458337.009	9195497.367	434.812
30590611	Pass	0.157	0.113	0.587	2	458677.375	9195560.646	431.166
30590758	Pass	0.159	0.096	0.581	2	458691.339	9195663.917	429.700
30590905	Pass	0.147	0.086	0.573	2	458647.884	9195761.282	429.946
40062899	Pass	0.244	0.115	0.583	2	461246.221	9187155.622	547.886
40066293	Pass	0.127	0.203	0.570	2	461996.871	9186598.904	630.378
40066322	Pass	0.119	0.166	0.547	2	461991.746	9186713.186	625.579

40066394	Pass	0.114	0.144	0.535	2	462009.810	9186794.176	622.938
40066439	Pass	0.098	0.112	0.322	3	462115.494	9186918.246	617.699
40066487	Pass	0.097	0.107	0.319	3	462190.884	9186962.502	619.329
40066647	Pass	0.096	0.096	0.316	3	462273.075	9187063.939	612.938
40068753	Pass	0.082	0.107	0.509	2	461858.140	9187481.128	558.580
40069476	Pass	0.144	0.091	0.503	2	462219.787	9187560.831	581.010
40070121	Pass	0.144	0.095	0.504	2	462218.332	9187536.853	582.236
40084168	Pass	0.094	0.084	0.308	3	462700.260	9187499.748	567.667
40085448	Pass	0.101	0.149	0.550	2	463119.509	9187614.207	579.167
40093484	Pass	0.089	0.085	0.343	3	463065.785	9188565.094	473.008
40093584	Pass	0.089	0.083	0.339	3	463044.702	9188659.514	470.080
40095518	Pass	0.103	0.116	0.351	3	463381.659	9188294.693	526.339
40095603	Pass	0.104	0.101	0.342	3	463409.855	9188452.364	516.536
40095764	Pass	0.105	0.100	0.344	3	463421.248	9188471.646	509.744
40097748	Pass	0.201	0.160	0.636	2	462834.899	9189192.872	444.922
40097953	Pass	0.205	0.196	0.651	2	462835.340	9189310.225	435.241
40098129	Pass	0.167	0.224	0.639	2	462974.716	9189411.617	461.488
40099615	Pass	0.107	0.123	0.596	2	463249.268	9189053.437	477.223
40100129	Pass	0.114	0.100	0.590	2	463177.074	9188917.437	485.159
40100450	Pass	0.106	0.119	0.596	2	463408.134	9189022.829	483.657
40102432	Pass	0.128	0.136	0.613	2	463550.463	9188559.228	478.972
40102595	Pass	0.142	0.118	0.615	2	463620.929	9188674.255	477.090
40102753	Pass	0.174	0.116	0.625	2	463740.283	9188728.275	484.820
40104526	Pass	0.177	0.244	0.647	2	461798.765	9191914.380	419.831
40104653	Pass	0.179	0.230	0.643	2	461810.926	9191871.667	415.014
40104815	Pass	0.185	0.174	0.617	2	461866.998	9191685.620	419.814
40105136	Pass	0.129	0.122	0.377	3	461977.686	9191468.518	427.830
40105282	Pass	0.138	0.122	0.382	3	462038.071	9191443.135	424.809
40105987	Pass	0.114	0.125	0.376	3	461852.649	9191529.326	420.471
40106257	Pass	0.111	0.181	0.610	2	461418.676	9191783.969	418.668
40106422	Pass	0.108	0.151	0.591	2	461469.116	9191675.067	422.198
40106606	Pass	0.107	0.123	0.582	2	461521.275	9191552.832	417.842
40106911	Pass	0.086	0.096	0.347	3	461583.417	9191406.862	420.654
40107789	Pass	0.080	0.080	0.328	3	461563.476	9191263.005	433.842
40108410	Pass	0.080	0.081	0.335	3	461332.241	9191307.105	421.297
40108433	Pass	0.098	0.138	0.580	2	461351.763	9191294.410	419.654
40112468	Pass	0.109	0.106	0.318	3	462078.488	9191165.616	434.959
40112616	Pass	0.113	0.106	0.319	3	462111.828	9191156.418	433.532
40112725	Pass	0.112	0.093	0.312	3	462130.378	9191049.346	438.219
40113786	Pass	0.074	0.077	0.302	3	461763.966	9190962.572	429.627
40113946	Pass	0.076	0.067	0.294	3	461826.426	9190819.632	442.909
40114266	Pass	0.069	0.075	0.305	3	461621.152	9190963.185	428.238
40114647	Pass	0.074	0.100	0.537	2	461671.647	9190769.025	443.398
40118482	Pass	0.194	0.115	0.533	2	462292.556	9190808.817	458.175
40118643	Pass	0.102	0.094	0.301	3	462235.827	9190749.279	456.052
40118782	Pass	0.120	0.082	0.307	3	462386.394	9190594.624	443.085
40119804	Pass	0.083	0.125	0.542	2	461784.446	9190877.971	438.635
40120300	Pass	0.068	0.074	0.291	3	461897.487	9190596.152	447.892
40120418	Pass	0.069	0.068	0.288	3	461933.225	9190515.122	447.558
40120769	Pass	0.063	0.071	0.290	3	461768.668	9190580.650	456.788
40125308	Pass	0.113	0.100	0.330	3	462434.236	9190405.741	437.702

40125424	Pass	0.112	0.094	0.322	3	462437.410	9190359.965	451.202
40125556	Pass	0.127	0.086	0.315	2	462526.895	9190200.676	470.532
40127694	Pass	0.064	0.072	0.297	3	461963.781	9190202.439	457.930
40127821	Pass	0.064	0.068	0.294	3	461992.146	9190148.424	457.917
40127982	Pass	0.069	0.066	0.292	3	462087.419	9190092.400	465.777
40132369	Pass	0.110	0.097	0.333	3	462542.228	9190012.156	484.231
40132527	Pass	0.109	0.091	0.325	3	462539.356	9189961.584	495.200
40132729	Pass	0.115	0.083	0.325	3	462588.629	9189871.686	494.434
40134775	Pass	0.067	0.075	0.309	3	462145.715	9189851.527	472.755
40134935	Pass	0.065	0.068	0.305	3	462113.386	9189767.766	472.429
40135100	Pass	0.072	0.068	0.297	3	462243.373	9189734.165	504.344
40139126	Pass	0.115	0.103	0.364	3	462696.587	9189659.349	449.231
40139311	Pass	0.141	0.097	0.383	3	462852.305	9189564.971	425.485
40139975	Pass	0.094	0.093	0.343	3	462554.627	9189603.848	467.311
40140849	Pass	0.073	0.081	0.327	3	462354.169	9189516.903	467.965
40141662	Pass	0.068	0.072	0.306	3	462271.826	9189422.041	500.481
40141826	Pass	0.075	0.070	0.322	3	462391.570	9189353.690	468.731
40146215	Pass	0.117	0.107	0.357	2	462849.976	9189259.928	435.093
40146296	Pass	0.131	0.101	0.350	3	462986.133	9189223.227	462.989
40146458	Pass	0.117	0.092	0.346	3	462903.617	9189145.133	450.839
40148477	Pass	0.070	0.079	0.321	3	462447.985	9189105.572	466.385
40148617	Pass	0.070	0.076	0.325	3	462452.352	9189059.007	450.865
40148818	Pass	0.075	0.071	0.317	3	462559.145	9188894.259	465.661
40156077	Pass	0.072	0.084	0.322	3	462614.982	9188763.334	453.010
40156153	Pass	0.071	0.079	0.317	3	462594.057	9188701.549	456.739
40177381	Pass	0.138	0.122	0.363	3	463429.819	9187829.660	566.058
40177511	Pass	0.148	0.122	0.363	3	463495.827	9187787.429	574.049
40179056	Pass	0.089	0.095	0.312	3	463009.976	9187637.937	579.095
40180683	Pass	0.132	0.100	0.523	2	462770.108	9187337.528	603.449
40182678	Pass	0.179	0.180	0.581	2	463488.046	9187693.345	581.585
40182848	Pass	0.201	0.150	0.569	2	463575.294	9187505.163	600.717
40182849	Pass	0.196	0.152	0.570	2	463557.110	9187529.786	597.016
40182854	Pass	0.220	0.157	0.574	2	463635.528	9187538.637	607.634
40182857	Pass	0.200	0.157	0.572	2	463568.578	9187561.575	598.020
40184403	Pass	0.144	0.129	0.534	2	463343.064	9187204.429	618.416
40184677	Pass	0.128	0.121	0.539	2	463275.858	9187326.901	599.124
40184678	Pass	0.122	0.122	0.540	2	463247.511	9187387.649	596.099
40186265	Pass	0.142	0.109	0.516	2	462747.562	9187137.803	625.318
40186345	Pass	0.121	0.107	0.518	2	462874.419	9187187.190	614.437
40186379	Pass	0.140	0.117	0.516	2	462767.993	9187087.599	627.512
40187065	Pass	0.163	0.121	0.516	2	462659.732	9187055.047	635.640
40199406	Pass	0.076	0.078	0.293	3	458191.936	9195448.142	443.756
40199448	Pass	0.076	0.081	0.304	3	458425.119	9195435.707	434.399
40199462	Pass	0.074	0.075	0.300	3	458398.465	9195636.202	433.756
40199522	Pass	0.088	0.079	0.311	3	458590.672	9195539.452	431.720
40199611	Pass	0.106	0.081	0.322	3	458747.622	9195577.899	430.725
40199648	Pass	0.088	0.078	0.310	3	458598.068	9195643.597	430.329
40199702	Pass	0.129	0.084	0.336	3	458902.770	9195597.759	428.676
40199758	Pass	0.107	0.083	0.321	3	458750.774	9195755.680	428.972
40202006	Pass	0.080	0.085	0.309	3	458373.331	9194999.814	437.135
40202102	Pass	0.077	0.078	0.308	3	458428.691	9195180.338	436.130

40202657	Pass	0.078	0.084	0.314	3	458496.166	9195034.319	435.035
40202924	Pass	0.077	0.077	0.308	3	458416.607	9195219.865	436.506
40204060	Pass	0.101	0.085	0.335	3	458821.011	9195126.486	432.198
40204171	Pass	0.092	0.083	0.327	3	458734.189	9195311.822	432.770
40204173	Pass	0.102	0.084	0.334	3	458824.875	9195260.140	430.784
40204774	Pass	0.135	0.093	0.354	3	459037.806	9195397.707	430.587
40208218	Pass	0.081	0.086	0.318	3	458652.592	9194659.738	443.231
40208224	Pass	0.092	0.149	0.578	2	458658.472	9194652.969	443.082
40208463	Pass	0.083	0.079	0.311	3	458465.427	9194797.990	442.976
40208925	Pass	0.081	0.085	0.318	3	458665.100	9194685.008	442.413
40210390	Pass	0.163	0.125	0.598	2	458995.190	9194781.394	438.945
40210391	Pass	0.103	0.086	0.339	3	458954.454	9194858.446	437.247
40210539	Pass	0.102	0.086	0.339	3	458940.301	9194910.418	435.322
40211086	Pass	0.148	0.094	0.368	3	459238.046	9194953.343	436.769
40214843	Pass	0.084	0.086	0.302	3	458652.007	9194286.714	451.925
40215099	Pass	0.086	0.080	0.302	3	458602.410	9194416.781	450.158
40215518	Pass	0.086	0.085	0.314	3	458912.414	9194400.071	446.758
40217102	Pass	0.107	0.088	0.326	3	459131.345	9194498.016	459.490
40217262	Pass	0.108	0.089	0.330	3	459128.977	9194554.562	452.529
40217877	Pass	0.190	0.118	0.587	2	459388.047	9194496.076	449.247
40221139	Pass	0.086	0.083	0.290	3	458767.655	9193999.992	464.083
40221714	Pass	0.083	0.086	0.296	3	458922.049	9193957.002	460.499
40222493	Pass	0.083	0.087	0.299	3	458986.893	9193975.160	458.849
40223253	Pass	0.103	0.091	0.322	3	459261.821	9194082.503	446.323
40224336	Pass	0.106	0.096	0.325	3	459263.884	9194284.489	447.038
40224813	Pass	0.198	0.129	0.599	2	459573.026	9194155.879	440.987
40228820	Pass	0.084	0.089	0.306	3	459078.036	9193568.537	479.661
40228979	Pass	0.085	0.086	0.315	3	459074.271	9193678.369	451.873
40229558	Pass	0.086	0.089	0.318	3	459163.355	9193605.578	460.734
40231131	Pass	0.125	0.097	0.354	3	459568.014	9193720.086	450.531
40231291	Pass	0.108	0.094	0.340	3	459435.091	9193774.841	447.350
40231444	Pass	0.100	0.096	0.337	3	459351.924	9193887.140	444.743
40231604	Pass	0.153	0.122	0.582	2	459276.756	9194076.815	448.118
40235897	Pass	0.085	0.088	0.308	3	459207.773	9193221.542	502.904
40236176	Pass	0.085	0.085	0.313	3	459214.382	9193364.157	493.216
40236684	Pass	0.086	0.092	0.324	3	459317.123	9193163.548	485.844
40238248	Pass	0.114	0.094	0.354	3	459626.125	9193370.815	453.580
40238404	Pass	0.111	0.094	0.353	3	459598.641	9193437.738	452.148
40238973	Pass	0.150	0.101	0.379	3	459852.114	9193427.667	449.090
40242743	Pass	0.086	0.089	0.315	3	459323.714	9192783.438	505.059
40243512	Pass	0.093	0.089	0.340	3	459597.501	9192862.467	478.736
40245118	Pass	0.124	0.093	0.367	3	459853.285	9192999.107	461.012
40245281	Pass	0.118	0.098	0.368	3	459785.261	9193162.829	453.601
40245837	Pass	0.149	0.100	0.385	3	459990.164	9193109.076	452.955
40249680	Pass	0.084	0.085	0.326	3	459608.200	9192438.361	471.809
40249826	Pass	0.086	0.081	0.307	3	459453.070	9192517.184	498.852
40250283	Pass	0.086	0.084	0.314	3	459362.217	9192935.476	505.719
40250475	Pass	0.085	0.083	0.319	3	459603.359	9192519.769	485.359
40252057	Pass	0.125	0.093	0.353	3	460029.454	9192703.611	487.037
40252216	Pass	0.122	0.096	0.359	3	459984.056	9192799.419	470.742
40252844	Pass	0.138	0.094	0.358	3	460123.171	9192662.776	497.595

40256542	Pass	0.080	0.084	0.317	3	459664.229	9192001.953	449.162
40256698	Pass	0.082	0.077	0.309	3	459687.879	9192162.056	468.132
40257322	Pass	0.086	0.082	0.324	3	459920.883	9192105.295	465.543
40258981	Pass	0.104	0.085	0.329	3	460102.255	9192194.073	495.384
40259135	Pass	0.106	0.087	0.329	3	460097.573	9192319.639	497.736
40259353	Pass	0.099	0.088	0.325	3	460006.563	9192399.816	500.593
40263505	Pass	0.076	0.081	0.312	3	459818.934	9191624.158	451.516
40263825	Pass	0.081	0.073	0.313	3	459791.824	9191862.415	435.677
40265910	Pass	0.102	0.079	0.337	3	460268.030	9191870.939	459.975
40266070	Pass	0.099	0.083	0.329	3	460221.686	9191989.183	470.343
40266741	Pass	0.138	0.088	0.366	3	460494.883	9191947.907	454.443
40271144	Pass	0.070	0.072	0.298	3	460048.529	9191379.782	476.365
40271476	Pass	0.074	0.069	0.298	3	459986.024	9191519.593	474.780
40271731	Pass	0.078	0.075	0.309	3	459806.758	9191723.474	448.340
40278310	Pass	0.065	0.074	0.293	3	460249.962	9190943.426	504.358
40278463	Pass	0.066	0.068	0.277	3	460223.343	9191063.663	540.381
40278745	Pass	0.069	0.075	0.299	3	460103.607	9191327.306	483.280
40279079	Pass	0.065	0.068	0.289	3	460290.692	9191064.103	510.347
40283911	Pass	0.101	0.100	0.335	3	460107.925	9190530.612	464.805
40285307	Pass	0.063	0.067	0.314	3	460390.390	9190660.883	451.109
40285465	Pass	0.067	0.066	0.308	3	460290.587	9190706.629	459.820
40292528	Pass	0.064	0.065	0.296	3	460447.143	9190297.848	459.326
40292682	Pass	0.065	0.062	0.296	3	460435.381	9190406.467	462.495
40292831	Pass	0.063	0.075	0.316	3	460362.067	9190544.320	458.692
40293117	Pass	0.061	0.063	0.304	3	460679.615	9190345.037	443.033
40298687	Pass	0.067	0.064	0.292	3	460554.857	9189944.276	446.863
40299245	Pass	0.061	0.071	0.302	3	460690.652	9189839.020	431.405
40299995	Pass	0.063	0.063	0.291	3	460895.845	9189937.813	468.476
40305277	Pass	0.069	0.062	0.303	3	460690.704	9189625.867	436.307
40305694	Pass	0.063	0.069	0.305	3	460808.723	9189490.823	439.150
40305703	Pass	0.060	0.069	0.301	3	460927.494	9189490.056	455.630
40311455	Pass	0.107	0.085	0.331	3	460619.130	9189367.218	468.221
40312378	Pass	0.063	0.066	0.307	3	460976.797	9189197.717	444.337
40312538	Pass	0.069	0.062	0.308	3	460862.411	9189285.512	442.238
40312923	Pass	0.063	0.067	0.302	3	461194.947	9189165.565	469.164
40317141	Pass	0.116	0.083	0.352	3	460794.076	9188965.960	463.163
40318133	Pass	0.062	0.064	0.292	3	461192.261	9188878.592	477.999
40318250	Pass	0.068	0.064	0.297	3	461038.832	9188923.498	470.354
40323707	Pass	0.068	0.072	0.303	3	461258.547	9188438.241	493.535
40323846	Pass	0.066	0.065	0.300	3	461267.603	9188598.028	489.380
40323911	Pass	0.066	0.076	0.303	3	461109.723	9188719.370	470.576
40324107	Pass	0.064	0.072	0.296	3	461404.365	9188418.509	514.217
40329023	Pass	0.069	0.077	0.297	3	461451.295	9188040.920	512.574
40329579	Pass	0.064	0.068	0.280	3	461589.648	9188139.050	541.106
40333563	Pass	0.127	0.108	0.328	3	461143.159	9187541.863	524.377
40333701	Pass	0.129	0.098	0.328	3	461113.414	9187643.210	518.529
40334264	Pass	0.105	0.102	0.322	3	461298.902	9187553.056	504.718
40334421	Pass	0.104	0.091	0.318	3	461295.730	9187656.953	500.842
40335467	Pass	0.073	0.070	0.294	3	461352.742	9188185.891	518.422
40335496	Pass	0.069	0.071	0.279	3	461678.590	9187775.013	540.538
40341732	Pass	0.087	0.154	0.515	2	461763.655	9187287.373	575.316

40341800	Pass	0.084	0.116	0.511	2	461732.347	9187444.069	559.153
40347956	Pass	0.079	0.079	0.323	3	456612.109	9197745.896	487.170
40349033	Pass	0.182	0.231	0.673	2	456812.233	9198349.922	460.428
40349245	Pass	0.209	0.188	0.650	2	456923.993	9198231.896	464.503
40350201	Pass	0.097	0.170	0.635	2	456451.627	9198175.382	473.731
40350351	Pass	0.097	0.139	0.626	2	456491.875	9198071.971	469.589
40350723	Pass	0.080	0.077	0.321	3	456638.997	9197718.898	488.125
40351095	Pass	0.095	0.110	0.617	2	456498.184	9197952.318	474.096
40351243	Pass	0.078	0.090	0.334	3	456545.153	9197866.590	480.256
40353574	Pass	0.238	0.159	0.763	2	455846.084	9197947.152	459.319
40353733	Pass	0.184	0.144	0.719	2	455971.257	9197936.721	460.986
40353895	Pass	0.196	0.125	0.713	2	455939.911	9197793.021	466.955
40354077	Pass	0.110	0.100	0.388	3	456139.994	9197658.273	496.905
40354217	Pass	0.118	0.101	0.392	3	456107.538	9197547.942	506.342
40354301	Pass	0.118	0.101	0.392	3	456109.729	9197507.614	508.456
40358943	Pass	0.077	0.076	0.306	3	456761.677	9197394.401	515.308
40359771	Pass	0.076	0.075	0.318	3	456681.761	9197299.865	501.220
40360315	Pass	0.084	0.086	0.347	3	456452.587	9197389.659	493.056
40361677	Pass	0.135	0.103	0.575	2	456201.195	9197459.717	507.239
40361863	Pass	0.112	0.093	0.369	3	456234.706	9197291.113	518.104
40361948	Pass	0.108	0.091	0.360	3	456276.567	9197183.976	524.372
40361949	Pass	0.112	0.093	0.367	3	456236.661	9197266.641	519.855
40364029	Pass	0.095	0.087	0.298	3	457156.662	9197222.265	529.590
40364675	Pass	0.112	0.086	0.297	3	457158.865	9197584.517	526.565
40365045	Pass	0.101	0.080	0.298	3	457215.534	9197135.932	524.776
40366523	Pass	0.083	0.151	0.576	2	456638.282	9197447.777	490.455
40367048	Pass	0.075	0.081	0.317	3	456803.403	9197078.900	506.394
40367209	Pass	0.077	0.074	0.301	3	456898.054	9196978.651	527.639
40367693	Pass	0.077	0.082	0.326	3	456716.702	9197062.574	500.250
40369305	Pass	0.121	0.090	0.354	3	456329.626	9196870.236	541.592
40369457	Pass	0.116	0.091	0.354	3	456377.498	9196747.095	533.437
40369988	Pass	0.132	0.093	0.363	3	456269.476	9196849.261	542.484
40371920	Pass	0.110	0.098	0.304	2	457392.188	9196906.280	512.376
40373397	Pass	0.079	0.072	0.296	3	457103.695	9196560.504	521.188
40373949	Pass	0.074	0.080	0.292	3	456948.820	9196692.020	547.891
40374721	Pass	0.084	0.082	0.318	3	456754.840	9196632.340	521.184
40376057	Pass	0.123	0.090	0.353	3	456464.370	9196511.867	521.514
40376164	Pass	0.106	0.086	0.340	3	456577.697	9196491.021	516.390
40376281	Pass	0.104	0.087	0.339	3	456604.807	9196426.042	512.509
40379647	Pass	0.076	0.084	0.305	3	457183.394	9196397.342	487.998
40379894	Pass	0.076	0.081	0.303	3	457197.003	9196361.556	488.058
40379959	Pass	0.078	0.075	0.300	3	457234.916	9196264.069	486.443
40382355	Pass	0.118	0.090	0.346	3	456651.298	9196159.241	516.314
40382506	Pass	0.111	0.088	0.343	3	456694.331	9196167.820	509.481
40382666	Pass	0.097	0.088	0.329	3	456827.687	9195994.043	512.322
40386613	Pass	0.076	0.083	0.286	3	457244.666	9195975.383	517.404
40386770	Pass	0.075	0.082	0.280	3	457309.156	9195989.000	524.176
40386930	Pass	0.077	0.076	0.280	3	457311.591	9195822.496	522.218
40388910	Pass	0.104	0.088	0.317	3	456894.870	9195821.235	515.674
40389046	Pass	0.116	0.092	0.323	3	456826.644	9195714.702	524.940
40389201	Pass	0.106	0.092	0.312	3	456913.892	9195629.257	537.791

40392635	Pass	0.082	0.081	0.287	3	457542.954	9195569.933	462.293
40393090	Pass	0.078	0.085	0.282	3	457428.212	9195621.039	495.228
40393352	Pass	0.080	0.079	0.278	3	457436.496	9195447.180	503.506
40395380	Pass	0.113	0.092	0.304	3	457008.607	9195399.235	550.980
40395498	Pass	0.102	0.090	0.304	3	457112.386	9195314.653	511.387
40396036	Pass	0.142	0.100	0.326	3	456839.853	9195351.757	560.438
40398895	Pass	0.084	0.086	0.295	3	457685.920	9195249.343	458.801
40399404	Pass	0.083	0.088	0.296	3	457662.330	9195287.508	459.467
40399713	Pass	0.086	0.080	0.299	3	457671.489	9195091.458	452.693
40401827	Pass	0.121	0.094	0.329	3	457143.988	9195054.355	484.378
40401981	Pass	0.125	0.096	0.327	3	457129.116	9194969.390	508.283
40402142	Pass	0.110	0.097	0.320	3	457259.188	9194862.080	504.911
40405862	Pass	0.086	0.087	0.305	3	457842.063	9194862.361	475.890
40406408	Pass	0.084	0.089	0.307	3	457717.957	9194873.329	489.083
40406651	Pass	0.085	0.083	0.296	3	457807.459	9194716.016	505.326
40408736	Pass	0.126	0.096	0.349	3	457288.002	9194701.007	504.123
40408897	Pass	0.121	0.095	0.345	3	457327.198	9194672.084	498.660
40409056	Pass	0.126	0.101	0.348	3	457314.394	9194526.620	506.262
40413373	Pass	0.084	0.091	0.308	3	457939.619	9194524.860	496.441
40413556	Pass	0.084	0.089	0.305	3	457873.233	9194460.432	513.126
40413693	Pass	0.086	0.085	0.295	3	458010.023	9194422.820	518.737
40415921	Pass	0.129	0.101	0.339	3	457422.748	9194280.638	565.841
40416077	Pass	0.123	0.103	0.327	3	457467.757	9194196.461	588.820
40416548	Pass	0.139	0.102	0.357	3	457363.844	9194303.421	539.649
40419990	Pass	0.086	0.086	0.297	3	458173.561	9194073.555	504.654
40420441	Pass	0.083	0.093	0.295	3	457998.403	9194161.047	542.536
40420580	Pass	0.083	0.087	0.298	3	458080.514	9194058.966	514.526
40422789	Pass	0.126	0.103	0.328	3	457570.769	9193971.384	585.985
40422977	Pass	0.106	0.097	0.315	3	457715.051	9193959.361	560.286
40423110	Pass	0.112	0.102	0.319	3	457682.255	9193852.931	566.257
40427517	Pass	0.083	0.093	0.290	3	458183.964	9193812.069	522.094
40427678	Pass	0.084	0.088	0.290	3	458225.672	9193707.610	512.775
40427842	Pass	0.086	0.086	0.298	3	458280.134	9193643.425	485.570
40429986	Pass	0.120	0.102	0.305	3	457759.123	9193622.837	590.947
40430142	Pass	0.116	0.101	0.303	3	457785.127	9193628.262	585.612
40430297	Pass	0.106	0.099	0.301	3	457882.105	9193534.706	565.197
40434547	Pass	0.088	0.089	0.315	3	458478.411	9193419.519	492.475
40435067	Pass	0.086	0.093	0.317	3	458303.784	9193439.691	512.962
40435385	Pass	0.089	0.086	0.308	3	458486.795	9193352.591	510.738
40437541	Pass	0.112	0.098	0.332	3	457997.427	9193330.540	557.425
40437677	Pass	0.117	0.099	0.329	3	457969.179	9193267.546	580.568
40437853	Pass	0.114	0.103	0.330	3	458029.893	9193085.636	585.286
40440414	Pass	0.132	0.103	0.331	3	459029.958	9193255.077	508.979
40442626	Pass	0.088	0.094	0.315	3	458581.911	9193136.666	541.191
40442671	Pass	0.087	0.091	0.318	3	458482.362	9193063.297	545.475
40442736	Pass	0.090	0.085	0.306	3	458643.823	9192948.652	559.732
40444586	Pass	0.127	0.100	0.339	3	458069.315	9192871.829	597.705
40444723	Pass	0.118	0.099	0.341	3	458140.850	9192790.713	576.402
40445295	Pass	0.148	0.104	0.356	3	457947.161	9192865.508	599.010
40449163	Pass	0.087	0.093	0.324	3	458602.697	9192754.263	542.369
40449311	Pass	0.087	0.090	0.327	3	458601.556	9192705.128	531.975

40449464	Pass	0.090	0.084	0.325	3	458785.475	9192622.247	519.670
40451496	Pass	0.135	0.099	0.370	3	458158.666	9192576.173	538.232
40451646	Pass	0.119	0.096	0.360	3	458256.432	9192577.005	530.862
40451823	Pass	0.115	0.096	0.361	3	458305.235	9192446.542	522.891
40455799	Pass	0.087	0.092	0.337	3	458879.303	9192440.421	499.167
40456023	Pass	0.088	0.081	0.334	3	458954.987	9192267.406	490.097
40456656	Pass	0.085	0.086	0.349	3	458804.215	9192328.134	473.350
40458639	Pass	0.120	0.095	0.369	3	458377.089	9192248.105	523.894
40458763	Pass	0.116	0.094	0.365	3	458406.017	9192212.760	519.720
40458890	Pass	0.116	0.096	0.361	3	458414.620	9192084.805	529.506
40460812	Pass	0.122	0.102	0.336	3	459416.693	9192232.436	477.356
40463357	Pass	0.081	0.089	0.339	3	458878.785	9192050.794	483.202
40463516	Pass	0.079	0.082	0.322	3	458956.042	9191965.437	499.278
40463519	Pass	0.078	0.079	0.326	3	458943.407	9191909.739	491.877
40465864	Pass	0.117	0.091	0.367	3	458517.762	9191902.029	508.345
40465943	Pass	0.113	0.090	0.355	3	458538.706	9191798.677	526.202
40466106	Pass	0.112	0.092	0.353	3	458555.041	9191674.322	536.002
40468690	Pass	0.107	0.104	0.337	3	459471.045	9191917.339	450.357
40470195	Pass	0.078	0.072	0.311	3	459250.535	9191568.585	474.560
40470648	Pass	0.075	0.086	0.328	3	459109.790	9191746.633	456.482
40470802	Pass	0.077	0.079	0.320	3	459204.712	9191673.339	458.318
40472911	Pass	0.111	0.083	0.340	3	458640.303	9191498.742	533.665
40473027	Pass	0.101	0.081	0.331	3	458704.207	9191444.625	530.026
40473098	Pass	0.088	0.079	0.327	3	458810.184	9191375.795	511.905
40476856	Pass	0.075	0.068	0.296	3	459409.775	9191194.859	469.855
40477320	Pass	0.069	0.076	0.303	3	459184.782	9191326.829	462.442
40477482	Pass	0.069	0.074	0.302	3	459208.809	9191301.948	460.416
40479659	Pass	0.094	0.076	0.306	3	458839.286	9191212.522	520.753
40479802	Pass	0.089	0.074	0.301	3	458882.083	9191074.000	522.010
40479961	Pass	0.092	0.076	0.303	3	458861.428	9191024.513	527.712
40482564	Pass	0.098	0.083	0.295	3	459791.672	9191079.697	537.282
40482707	Pass	0.156	0.154	0.553	2	459855.669	9191029.198	532.476
40483831	Pass	0.070	0.077	0.304	3	459475.082	9191025.307	507.332
40484248	Pass	0.073	0.069	0.311	3	459532.853	9190892.765	482.620
40484782	Pass	0.068	0.073	0.312	3	459414.159	9190959.498	489.450
40487038	Pass	0.104	0.075	0.327	3	458931.243	9190827.483	555.097
40487160	Pass	0.101	0.075	0.325	3	458960.112	9190755.997	552.181
40487318	Pass	0.089	0.077	0.320	3	459065.399	9190657.110	545.685
40491962	Pass	0.068	0.079	0.329	3	459570.476	9190696.250	490.671
40492113	Pass	0.069	0.070	0.309	3	459583.638	9190556.310	521.799
40492285	Pass	0.069	0.069	0.309	3	459551.640	9190480.009	527.300
40494398	Pass	0.102	0.077	0.337	3	459121.024	9190471.654	552.651
40494517	Pass	0.095	0.076	0.332	3	459171.915	9190447.616	550.706
40494620	Pass	0.097	0.083	0.348	3	459192.075	9190256.744	521.004
40498690	Pass	0.073	0.066	0.327	3	459874.164	9190121.445	471.537
40499154	Pass	0.066	0.076	0.314	3	459692.641	9190293.571	510.294
40499313	Pass	0.067	0.074	0.308	3	459757.816	9190276.944	514.485
40501664	Pass	0.109	0.078	0.364	3	459245.000	9190155.610	497.097
40501784	Pass	0.107	0.080	0.360	3	459268.202	9190028.366	499.114
40501944	Pass	0.090	0.079	0.355	3	459394.568	9189956.455	489.248
40506174	Pass	0.066	0.075	0.325	3	459905.466	9189958.314	455.163

40506331	Pass	0.066	0.071	0.322	3	459931.092	9189892.810	453.849
40506447	Pass	0.068	0.066	0.319	3	459961.446	9189777.799	456.255
40508412	Pass	0.103	0.078	0.362	3	459434.572	9189804.258	466.864
40508524	Pass	0.090	0.075	0.348	3	459533.148	9189726.437	464.484
40508592	Pass	0.089	0.076	0.350	3	459542.453	9189671.604	459.650
40511736	Pass	0.069	0.069	0.298	3	460147.292	9189559.962	463.447
40512256	Pass	0.063	0.076	0.297	3	459971.055	9189637.914	488.816
40512546	Pass	0.066	0.066	0.299	3	460059.757	9189458.263	468.936
40514277	Pass	0.102	0.077	0.324	3	459576.096	9189419.560	519.723
40514416	Pass	0.101	0.078	0.324	3	459585.197	9189362.485	518.178
40514580	Pass	0.088	0.080	0.327	3	459701.141	9189251.435	479.300
40517906	Pass	0.075	0.070	0.332	3	460304.007	9189179.453	448.798
40518111	Pass	0.077	0.068	0.328	3	460326.545	9189118.853	459.372
40518308	Pass	0.074	0.099	0.577	2	460071.811	9189411.508	466.845
40518409	Pass	0.068	0.079	0.346	3	460108.442	9189293.385	445.345
40520538	Pass	0.104	0.080	0.368	3	459740.013	9189120.142	472.896
40520696	Pass	0.108	0.083	0.371	3	459730.743	9188988.218	475.800
40520856	Pass	0.099	0.088	0.376	3	459822.296	9188871.162	455.431
40523657	Pass	0.096	0.094	0.340	3	460642.835	9189084.704	490.456
40523990	Pass	0.086	0.130	0.612	2	460299.907	9189179.075	449.398
40524732	Pass	0.079	0.106	0.606	2	460203.482	9189075.979	455.619
40524837	Pass	0.074	0.084	0.349	3	460375.038	9188985.514	472.402
40524996	Pass	0.075	0.077	0.343	3	460356.659	9188897.473	479.908
40525149	Pass	0.078	0.073	0.335	3	460311.308	9188762.429	507.018
40526825	Pass	0.114	0.086	0.404	3	459878.571	9188731.884	457.556
40526953	Pass	0.121	0.093	0.410	3	459861.852	9188602.379	459.551
40527077	Pass	0.119	0.094	0.408	3	459876.257	9188573.071	463.835
40530272	Pass	0.082	0.083	0.326	3	460534.716	9188583.640	533.696
40531209	Pass	0.083	0.080	0.336	3	460482.432	9188519.430	522.468
40531352	Pass	0.088	0.076	0.328	3	460581.121	9188461.054	535.000
40531728	Pass	0.102	0.145	0.612	2	460331.852	9188513.685	502.459
40532720	Pass	0.114	0.091	0.399	3	460079.415	9188400.205	512.860
40532850	Pass	0.122	0.098	0.412	3	460050.834	9188293.855	510.274
40532970	Pass	0.127	0.107	0.420	3	460049.455	9188186.973	515.858
40535954	Pass	0.121	0.089	0.569	2	460673.001	9188230.198	554.471
40536159	Pass	0.126	0.087	0.570	2	460690.034	9188181.230	559.172
40536271	Pass	0.143	0.093	0.573	2	460748.431	9188052.341	557.311
40538485	Pass	0.150	0.113	0.629	2	460179.624	9188070.915	545.039
40538582	Pass	0.157	0.144	0.640	2	460189.533	9187906.910	558.132
40538741	Pass	0.155	0.149	0.640	2	460207.733	9187883.126	558.955
50049516	Pass	0.143	0.247	0.679	2	466310.775	9190784.097	422.797
50049683	Pass	0.091	0.138	0.366	3	466408.377	9190630.443	433.206
50049836	Pass	0.092	0.134	0.362	3	466437.216	9190601.399	439.348
50051151	Pass	0.094	0.143	0.651	2	465888.680	9190492.438	428.746
50051306	Pass	0.085	0.129	0.642	2	465964.584	9190443.521	432.797
50051628	Pass	0.074	0.088	0.329	3	466178.891	9190319.715	434.814
50052001	Pass	0.130	0.158	0.657	2	465720.946	9190543.545	444.948
50052455	Pass	0.075	0.086	0.324	3	466081.374	9190320.150	450.898
50057858	Pass	0.083	0.142	0.344	3	466638.067	9190511.183	439.881
50057960	Pass	0.084	0.133	0.339	3	466681.184	9190451.949	439.090
50058125	Pass	0.100	0.134	0.348	3	466854.917	9190435.354	435.956

50059854	Pass	0.072	0.084	0.291	3	466579.665	9190088.324	475.885
50060326	Pass	0.071	0.082	0.284	3	466430.477	9190089.489	486.099
50061113	Pass	0.070	0.072	0.265	3	466411.344	9189933.366	517.600
50064708	Pass	0.083	0.132	0.345	3	466963.177	9190247.247	448.052
50064869	Pass	0.090	0.138	0.353	3	467043.034	9190270.303	440.719
50065037	Pass	0.112	0.233	0.594	2	467219.187	9190230.952	437.964
50066119	Pass	0.089	0.132	0.530	2	466540.074	9190105.546	478.655
50066611	Pass	0.074	0.089	0.316	3	466859.091	9189928.623	441.250
50067222	Pass	0.073	0.083	0.304	3	466751.800	9189884.871	460.707
50067453	Pass	0.078	0.083	0.315	3	466980.905	9189831.423	442.215
50068076	Pass	0.114	0.111	0.559	2	466751.263	9189799.237	446.950
50070753	Pass	0.105	0.097	0.517	2	466226.944	9189303.543	473.997
50070755	Pass	0.104	0.100	0.517	2	466221.622	9189316.896	474.629
50070756	Pass	0.103	0.100	0.516	2	466214.498	9189318.810	474.785
50070757	Pass	0.161	0.143	0.518	2	466190.627	9189327.653	476.682
50071629	Pass	0.132	0.191	0.593	2	467331.479	9190082.497	426.656
50071770	Pass	0.093	0.136	0.375	3	467352.897	9190021.909	432.208
50071923	Pass	0.104	0.141	0.384	3	467461.828	9190037.018	426.865
50074006	Pass	0.078	0.087	0.337	3	467078.033	9189688.853	434.434
50074133	Pass	0.078	0.087	0.336	3	467128.636	9189679.150	434.929
50074293	Pass	0.081	0.082	0.328	3	467289.731	9189564.318	448.153
50078577	Pass	0.135	0.195	0.604	2	467654.011	9189871.992	446.141
50078703	Pass	0.104	0.151	0.370	3	467734.079	9189865.053	464.603
50078881	Pass	0.117	0.152	0.371	3	467864.803	9189855.131	470.332
50080926	Pass	0.083	0.089	0.339	3	467427.689	9189456.759	450.051
50081087	Pass	0.083	0.091	0.334	3	467535.520	9189462.538	454.618
50081220	Pass	0.083	0.088	0.330	3	467558.765	9189412.226	456.101
50085698	Pass	0.099	0.153	0.372	3	467977.893	9189654.870	440.066
50085829	Pass	0.109	0.159	0.377	3	468107.767	9189666.953	434.482
50086000	Pass	0.112	0.155	0.376	3	468154.424	9189637.411	433.097
50088090	Pass	0.087	0.100	0.331	3	467818.336	9189317.885	455.392
50088244	Pass	0.087	0.098	0.330	3	467898.376	9189285.451	450.455
50088406	Pass	0.088	0.095	0.327	3	467958.999	9189245.364	454.076
50090594	Pass	0.097	0.090	0.275	2	467598.573	9188857.753	552.306
50092833	Pass	0.111	0.172	0.374	3	468420.935	9189558.022	431.266
50092971	Pass	0.107	0.146	0.357	3	468431.122	9189410.459	431.175
50093151	Pass	0.113	0.149	0.360	3	468499.148	9189422.454	434.988
50094707	Pass	0.090	0.100	0.319	3	468279.516	9189100.562	443.999
50095362	Pass	0.088	0.096	0.310	3	468139.497	9189082.049	458.538
50095645	Pass	0.091	0.096	0.319	3	468342.618	9189036.711	437.663
50100234	Pass	0.141	0.197	0.568	2	468704.131	9189276.384	464.473
50100273	Pass	0.112	0.162	0.347	3	468787.825	9189326.178	468.761
50100435	Pass	0.111	0.139	0.330	3	468839.985	9189178.806	480.582
50101815	Pass	0.090	0.102	0.310	3	468590.103	9188920.804	456.722
50102478	Pass	0.090	0.099	0.316	3	468472.717	9188903.206	441.350
50102757	Pass	0.090	0.096	0.303	3	468653.662	9188844.044	466.935
50107461	Pass	0.109	0.143	0.342	3	469127.989	9188988.600	495.969
50107510	Pass	0.116	0.145	0.345	3	469205.079	9188985.268	497.897
50108028	Pass	0.098	0.130	0.334	3	468961.758	9188927.596	489.346
50109013	Pass	0.092	0.104	0.312	3	468930.957	9188717.173	498.425
50109630	Pass	0.091	0.097	0.310	3	468798.165	9188657.642	490.002

50109951	Pass	0.090	0.094	0.308	3	468914.771	9188582.649	489.128
50114524	Pass	0.113	0.155	0.365	3	469463.844	9188835.715	481.587
50114741	Pass	0.119	0.150	0.369	3	469542.640	9188786.696	475.174
50115278	Pass	0.103	0.139	0.343	3	469325.434	9188767.654	507.218
50116710	Pass	0.095	0.104	0.327	3	469172.749	9188503.497	491.576
50116867	Pass	0.095	0.104	0.327	3	469182.859	9188503.289	490.707
50117023	Pass	0.095	0.097	0.329	3	469321.455	9188348.925	476.837
50121446	Pass	0.118	0.177	0.394	3	469774.424	9188753.861	441.559
50121619	Pass	0.116	0.152	0.379	3	469803.503	9188614.770	445.943
50121728	Pass	0.136	0.259	0.624	2	469972.516	9188664.618	438.250
50123269	Pass	0.100	0.114	0.357	3	469583.413	9188360.590	439.243
50123787	Pass	0.099	0.108	0.353	3	469519.176	9188309.275	440.573
50124104	Pass	0.100	0.108	0.356	3	469662.700	9188287.804	433.861
50127865	Pass	0.172	0.168	0.552	2	469320.643	9187525.902	505.254
50128345	Pass	0.117	0.173	0.400	3	470094.244	9188533.535	428.469
50128467	Pass	0.120	0.172	0.402	3	470147.365	9188523.723	422.131
50128630	Pass	0.125	0.164	0.401	3	470230.661	9188467.402	420.057
50130597	Pass	0.100	0.109	0.358	3	469873.251	9188123.193	439.043
50130752	Pass	0.101	0.111	0.362	3	469985.220	9188122.975	428.999
50130917	Pass	0.100	0.102	0.356	3	470054.841	9188003.765	433.468
50135416	Pass	0.110	0.158	0.393	3	470428.053	9188280.623	421.740
50135477	Pass	0.110	0.153	0.390	3	470468.823	9188249.444	421.981
50135634	Pass	0.118	0.159	0.397	3	470582.748	9188268.874	419.918
50137671	Pass	0.097	0.102	0.350	3	470186.077	9187880.154	440.652
50137812	Pass	0.094	0.099	0.352	3	470301.534	9187824.111	427.230
50137972	Pass	0.093	0.096	0.350	3	470381.433	9187759.842	431.883
50142618	Pass	0.102	0.163	0.393	3	470796.587	9188121.381	434.114
50142650	Pass	0.104	0.165	0.395	3	470837.235	9188130.066	432.949
50142847	Pass	0.111	0.166	0.396	3	470941.161	9188124.495	437.837
50144329	Pass	0.089	0.104	0.356	3	470696.296	9187740.087	434.900
50144784	Pass	0.092	0.101	0.355	3	470528.657	9187719.914	440.128
50145068	Pass	0.087	0.096	0.352	3	470690.350	9187656.911	434.447
50147337	Pass	0.180	0.106	0.581	2	470325.731	9187240.287	471.016
50149562	Pass	0.090	0.152	0.379	3	471124.332	9187920.411	431.709
50149688	Pass	0.102	0.158	0.382	2	471265.128	9187919.576	432.066
50149844	Pass	0.106	0.229	0.619	2	471357.696	9187834.538	412.035
50151193	Pass	0.082	0.103	0.343	3	470934.636	9187610.900	446.312
50151319	Pass	0.079	0.096	0.345	3	471045.022	9187548.570	429.383
50152291	Pass	0.077	0.086	0.342	3	471085.300	9187430.528	421.447
50156817	Pass	0.135	0.229	0.621	2	471508.356	9187826.330	414.662
50156959	Pass	0.142	0.217	0.620	2	471539.830	9187787.259	414.010
50157122	Pass	0.092	0.203	0.596	2	471657.640	9187584.754	418.376
50158605	Pass	0.071	0.087	0.335	3	471402.864	9187346.810	423.054
50159194	Pass	0.073	0.088	0.342	3	471276.159	9187355.116	412.031
50159514	Pass	0.070	0.079	0.333	3	471377.505	9187253.943	417.000
50163354	Pass	0.104	0.107	0.323	3	470899.743	9186630.678	470.314
50163952	Pass	0.080	0.131	0.361	3	471819.780	9187502.906	421.326
50164015	Pass	0.088	0.139	0.366	3	471915.016	9187536.545	421.786
50164162	Pass	0.104	0.134	0.370	3	472069.841	9187492.765	422.786
50165902	Pass	0.071	0.078	0.327	3	471548.799	9187105.254	434.329
50166031	Pass	0.069	0.081	0.329	3	471657.608	9187143.356	428.859

50169950	Pass	0.095	0.106	0.318	2	471378.379	9186435.795	449.594
50170771	Pass	0.099	0.117	0.355	3	472318.298	9187194.365	442.904
50171080	Pass	0.082	0.121	0.360	3	472109.590	9187238.074	433.710
50171746	Pass	0.074	0.088	0.342	3	471988.669	9187002.381	429.376
50172260	Pass	0.074	0.087	0.343	3	471935.133	9186996.128	431.514
50172466	Pass	0.074	0.074	0.324	3	472058.204	9186823.796	441.134
50174201	Pass	0.091	0.079	0.320	3	471668.154	9186477.062	457.677
50176598	Pass	0.129	0.189	0.578	2	472487.858	9187137.544	456.602
50176838	Pass	0.099	0.129	0.339	3	472598.934	9187054.587	458.358
50176920	Pass	0.115	0.139	0.345	3	472732.163	9187097.942	465.861
50178277	Pass	0.080	0.092	0.328	3	472311.925	9186816.626	442.639
50178421	Pass	0.080	0.089	0.322	3	472368.980	9186783.417	444.674
50178581	Pass	0.083	0.085	0.314	3	472483.572	9186719.139	451.212
50183835	Pass	0.099	0.142	0.330	3	472844.673	9186927.270	454.970
50183937	Pass	0.105	0.150	0.334	3	472899.018	9186970.769	457.433
50184096	Pass	0.124	0.241	0.584	2	473081.239	9186893.731	462.660
50185813	Pass	0.087	0.088	0.294	3	472845.569	9186515.172	464.255
50186296	Pass	0.083	0.083	0.301	3	472578.470	9186496.548	450.921
50186432	Pass	0.082	0.084	0.294	3	472661.436	9186498.021	460.552
50191179	Pass	0.139	0.196	0.571	2	473181.212	9186747.447	467.825
50191341	Pass	0.149	0.193	0.569	2	473230.179	9186735.126	474.454
50192890	Pass	0.098	0.110	0.548	2	473012.817	9186424.145	460.887
50193024	Pass	0.107	0.103	0.540	2	473082.712	9186381.438	475.421
50193237	Pass	0.118	0.098	0.533	2	473153.812	9186336.274	490.501
50198223	Pass	0.111	0.154	0.373	3	463819.718	9189563.086	468.948
50198406	Pass	0.112	0.144	0.372	3	463791.590	9189626.173	457.314
50198541	Pass	0.128	0.207	0.579	2	463637.913	9189738.728	470.153
50198750	Pass	0.135	0.170	0.561	2	463580.989	9189867.993	489.351
50198860	Pass	0.163	0.163	0.577	2	463447.280	9189912.248	472.372
50202198	Pass	0.098	0.089	0.562	2	463849.008	9190393.285	448.119
50202359	Pass	0.108	0.091	0.563	2	463705.745	9190383.654	454.159
50202907	Pass	0.110	0.093	0.558	2	464043.098	9190452.597	459.418
50203963	Pass	0.114	0.123	0.568	2	464059.645	9190617.114	452.587
50203964	Pass	0.114	0.123	0.568	2	464062.422	9190620.004	452.314
50203968	Pass	0.112	0.127	0.568	2	464043.434	9190636.471	453.485
50220501	Pass	0.095	0.137	0.342	3	464930.553	9189038.132	488.348
50220813	Pass	0.105	0.151	0.349	3	464837.955	9188970.925	499.083
50221256	Pass	0.092	0.132	0.338	3	464963.882	9189068.642	486.236
50221415	Pass	0.091	0.115	0.323	3	464932.652	9189186.008	499.860
50222856	Pass	0.079	0.088	0.301	3	465174.022	9189382.342	495.672
50223025	Pass	0.079	0.086	0.293	3	465065.506	9189423.879	519.537
50223637	Pass	0.078	0.078	0.295	3	465241.000	9189520.433	487.273
50223802	Pass	0.076	0.078	0.295	3	465172.845	9189545.955	488.524
50228386	Pass	0.099	0.154	0.336	3	465306.229	9188730.613	500.875
50228496	Pass	0.105	0.142	0.332	3	465181.545	9188823.563	500.540
50228862	Pass	0.092	0.127	0.322	3	465355.996	9188881.487	490.445
50229022	Pass	0.090	0.113	0.313	3	465317.531	9188987.720	489.287
50230356	Pass	0.080	0.087	0.303	3	465465.830	9189199.444	461.730
50230531	Pass	0.078	0.081	0.293	3	465460.644	9189274.976	476.439
50231093	Pass	0.080	0.077	0.298	3	465619.752	9189322.020	453.520
50231216	Pass	0.075	0.076	0.286	3	465465.516	9189443.137	479.099

50235281	Pass	0.103	0.135	0.291	2	465655.383	9188629.096	536.400
50235473	Pass	0.103	0.194	0.502	2	465550.361	9188721.816	563.184
50236009	Pass	0.095	0.115	0.276	3	465666.955	9188730.445	558.623
50236157	Pass	0.098	0.179	0.505	2	465607.084	9188773.484	545.656
50237492	Pass	0.123	0.118	0.527	2	465925.407	9189007.150	487.610
50237663	Pass	0.095	0.097	0.517	2	465773.082	9189122.071	484.356
50242470	Pass	0.109	0.151	0.337	3	465938.185	9188388.368	521.479
50242679	Pass	0.112	0.144	0.333	3	465876.215	9188438.470	523.023
50243213	Pass	0.093	0.120	0.320	3	466101.521	9188548.483	495.483
50244793	Pass	0.084	0.092	0.299	3	466205.607	9188748.817	487.523
50244953	Pass	0.084	0.089	0.300	3	466129.119	9188786.053	479.136
50245405	Pass	0.110	0.112	0.517	2	465864.630	9189034.443	496.382
50249549	Pass	0.106	0.145	0.327	2	466361.923	9188233.447	556.011
50250285	Pass	0.093	0.116	0.312	3	466465.101	9188377.678	544.934
50256872	Pass	0.106	0.144	0.355	3	466673.192	9188079.199	543.652
50257041	Pass	0.109	0.139	0.346	3	466619.821	9188113.380	561.704
50257463	Pass	0.096	0.127	0.352	3	466799.117	9188171.460	514.716
50258673	Pass	0.086	0.091	0.308	3	466919.330	9188447.298	538.147
50259448	Pass	0.086	0.086	0.292	3	466966.487	9188505.600	566.448
50259644	Pass	0.082	0.081	0.283	3	466880.278	9188635.990	569.313
50263852	Pass	0.120	0.175	0.391	2	466953.373	9187783.105	514.854
50264014	Pass	0.116	0.223	0.574	2	466897.761	9187909.775	530.037
50264638	Pass	0.100	0.132	0.368	3	467075.955	9187984.897	497.594
50266181	Pass	0.091	0.107	0.350	3	467253.697	9188132.732	495.460
50266336	Pass	0.088	0.095	0.338	3	467172.080	9188258.094	497.293
50266959	Pass	0.090	0.088	0.343	3	467395.238	9188342.476	480.075
50271260	Pass	0.114	0.158	0.345	3	467330.952	9187637.841	569.075
50271419	Pass	0.113	0.217	0.563	2	467279.410	9187743.608	554.542
50272043	Pass	0.099	0.125	0.326	3	467468.986	9187812.597	540.724
50278725	Pass	0.117	0.164	0.333	2	467707.450	9187417.523	593.115
50278901	Pass	0.121	0.158	0.338	3	467587.910	9187456.668	582.173
50279590	Pass	0.111	0.128	0.319	3	467626.596	9187631.212	568.783
50281445	Pass	0.091	0.101	0.313	3	467554.842	9188001.332	515.572
50285714	Pass	0.118	0.154	0.318	2	468034.704	9187266.388	625.304
50285833	Pass	0.123	0.145	0.320	2	467928.313	9187344.412	605.348
50286433	Pass	0.103	0.121	0.299	3	468148.649	9187448.189	606.402
50287960	Pass	0.095	0.098	0.287	3	468293.204	9187647.399	578.815
50288123	Pass	0.095	0.100	0.285	3	468175.994	9187643.468	589.989
50288773	Pass	0.092	0.090	0.280	3	468324.062	9187768.212	571.501
50293326	Pass	0.117	0.154	0.338	3	468401.025	9187089.604	613.870
50293433	Pass	0.124	0.153	0.335	3	468292.572	9187110.021	619.695
50293908	Pass	0.107	0.130	0.325	3	468491.956	9187235.407	592.007
50295408	Pass	0.096	0.097	0.305	3	468564.386	9187539.286	554.976
50296021	Pass	0.098	0.094	0.313	3	468724.673	9187570.938	535.965
50296177	Pass	0.094	0.093	0.305	3	468555.709	9187610.333	541.843
50300342	Pass	0.117	0.158	0.351	3	468764.589	9186898.336	584.290
50300503	Pass	0.123	0.144	0.338	3	468608.944	9187000.441	599.035
50300907	Pass	0.115	0.150	0.347	3	468769.859	9186940.526	579.671
50302434	Pass	0.097	0.099	0.298	3	468921.127	9187358.777	591.694
50303241	Pass	0.097	0.098	0.297	3	468907.973	9187388.804	588.645
50307532	Pass	0.117	0.155	0.350	3	469068.473	9186750.012	579.404

50307601	Pass	0.129	0.248	0.554	2	468932.125	9186702.348	588.523
50308156	Pass	0.112	0.145	0.344	3	469125.059	9186801.499	575.578
50309589	Pass	0.100	0.108	0.343	3	469262.588	9187107.561	503.162
50309745	Pass	0.100	0.105	0.324	3	469204.058	9187137.484	540.863
50310383	Pass	0.101	0.101	0.338	3	469405.438	9187173.952	506.776
50314761	Pass	0.119	0.156	0.357	3	469364.402	9186572.931	561.690
50314834	Pass	0.124	0.218	0.545	2	469283.428	9186602.739	576.352
50315292	Pass	0.110	0.147	0.358	3	469483.252	9186609.591	539.471
50316075	Pass	0.103	0.116	0.342	3	469480.000	9186856.504	514.946
50316571	Pass	0.100	0.113	0.340	3	469573.088	9186859.906	515.286
50317329	Pass	0.097	0.104	0.337	3	469643.998	9186971.822	498.382
50321771	Pass	0.118	0.178	0.383	3	469723.251	9186272.221	511.328
50321813	Pass	0.112	0.168	0.379	3	469786.692	9186313.306	504.252
50321893	Pass	0.128	0.230	0.562	2	469573.750	9186387.846	552.188
50323949	Pass	0.098	0.114	0.345	3	469883.422	9186659.668	489.267
50324278	Pass	0.097	0.106	0.340	3	469803.628	9186801.196	490.901
50324740	Pass	0.095	0.102	0.341	3	470028.120	9186767.857	477.335
50328957	Pass	0.112	0.156	0.321	3	470055.837	9186147.859	589.820
50329068	Pass	0.117	0.157	0.321	3	469983.198	9186163.693	598.959
50329598	Pass	0.104	0.131	0.310	3	470099.819	9186305.076	577.940
50330416	Pass	0.095	0.111	0.306	3	470225.496	9186429.168	548.336
50330658	Pass	0.098	0.111	0.318	3	470109.358	9186489.534	514.441
50331992	Pass	0.091	0.093	0.314	3	470383.232	9186625.273	496.995
50336585	Pass	0.124	0.229	0.552	2	470239.860	9185983.385	523.655
50338184	Pass	0.096	0.104	0.305	3	470477.487	9186272.265	508.267
50338798	Pass	0.093	0.100	0.305	3	470592.048	9186280.420	509.022
50339618	Pass	0.091	0.090	0.320	3	470708.390	9186388.320	467.663
50344391	Pass	0.114	0.155	0.377	3	470785.263	9185696.342	473.901
50344640	Pass	0.123	0.145	0.356	3	470618.901	9185774.919	502.627
50345017	Pass	0.119	0.154	0.322	3	470324.849	9185922.109	534.226
50345194	Pass	0.111	0.135	0.358	3	470745.103	9185813.144	480.773
50346844	Pass	0.092	0.094	0.342	3	470983.954	9186093.072	456.186
50352269	Pass	0.116	0.151	0.381	3	471029.045	9185527.960	484.227
50352339	Pass	0.122	0.143	0.376	3	470938.175	9185592.585	486.212
50352894	Pass	0.103	0.129	0.368	3	471156.092	9185639.116	477.742
50353953	Pass	0.093	0.099	0.341	3	471175.735	9185859.257	486.353
50354556	Pass	0.090	0.089	0.338	3	471319.591	9185925.149	478.899
50354864	Pass	0.088	0.085	0.335	3	471151.262	9186032.167	471.894
50360071	Pass	0.118	0.158	0.385	3	471325.797	9185307.599	495.066
50360231	Pass	0.120	0.150	0.375	3	471283.745	9185352.434	511.717
50360857	Pass	0.103	0.136	0.364	3	471480.344	9185402.086	506.358
50362421	Pass	0.091	0.100	0.340	3	471589.966	9185638.882	495.984
50362756	Pass	0.090	0.087	0.336	3	471440.694	9185809.755	484.133
50363226	Pass	0.086	0.079	0.326	3	471694.924	9185876.465	482.667
50367832	Pass	0.115	0.160	0.368	3	471678.600	9185091.532	539.469
50367964	Pass	0.114	0.139	0.357	3	471631.260	9185213.862	539.168
50368631	Pass	0.101	0.130	0.334	3	471812.252	9185232.371	567.101
50370229	Pass	0.087	0.089	0.319	3	471954.423	9185549.717	513.025
50370389	Pass	0.089	0.088	0.326	3	471806.688	9185601.005	500.338
50371051	Pass	0.088	0.086	0.310	3	472022.833	9185569.160	528.619
50375569	Pass	0.111	0.145	0.333	3	472009.854	9184979.230	594.888

50375730	Pass	0.116	0.150	0.336	3	471964.769	9184956.649	602.198
50376431	Pass	0.095	0.115	0.315	3	472140.301	9185145.461	570.506
50378232	Pass	0.084	0.083	0.296	3	472200.970	9185455.071	536.815
50378827	Pass	0.085	0.087	0.312	3	472356.018	9185372.156	509.089
50378976	Pass	0.081	0.078	0.295	3	472282.449	9185564.277	514.876
50383563	Pass	0.105	0.238	0.547	2	472388.067	9184783.406	583.018
50383708	Pass	0.119	0.232	0.535	2	472230.167	9184798.804	598.746
50383750	Pass	0.104	0.217	0.548	2	472355.153	9184851.144	562.877
50386088	Pass	0.116	0.112	0.509	2	472633.787	9185215.110	576.371
50386123	Pass	0.094	0.125	0.535	2	472460.249	9185170.243	531.049
50386186	Pass	0.103	0.105	0.525	2	472557.671	9185255.834	539.894
50396999	Pass	0.305	0.109	0.692	2	463584.108	9190073.739	493.369
50397153	Pass	0.263	0.130	0.677	2	463691.178	9190213.213	477.795
50397312	Pass	0.249	0.137	0.676	2	463729.791	9190248.082	467.132
50397485	Pass	0.148	0.095	0.390	3	463882.019	9190323.552	460.371
50408114	Pass	0.138	0.090	0.379	3	464105.335	9190613.520	450.869
50408261	Pass	0.136	0.096	0.378	3	464125.490	9190693.869	450.902
50416351	Pass	0.147	0.099	0.392	3	464279.874	9190985.865	413.376
50416417	Pass	0.128	0.104	0.378	3	464380.285	9191060.855	427.315
50416548	Pass	0.123	0.108	0.378	3	464415.065	9191100.705	425.070
50417771	Pass	0.088	0.069	0.350	3	464627.573	9190735.960	425.043
50418492	Pass	0.078	0.068	0.348	3	464716.754	9190749.781	416.102
50420443	Pass	0.068	0.084	0.337	3	464989.812	9190401.338	453.769
50420607	Pass	0.072	0.080	0.329	3	465098.227	9190444.805	467.019
50422788	Pass	0.210	0.175	0.651	2	464471.096	9191300.832	416.818
50422941	Pass	0.136	0.122	0.387	3	464565.642	9191392.252	407.673
50423109	Pass	0.115	0.114	0.373	3	464685.212	9191382.527	406.784
50425079	Pass	0.074	0.066	0.333	3	464947.647	9190923.738	414.565
50425227	Pass	0.079	0.069	0.337	3	464908.249	9191086.577	408.413
50425387	Pass	0.070	0.068	0.329	3	465024.045	9191106.589	414.358
50427404	Pass	0.065	0.081	0.318	3	465262.681	9190695.250	463.165
50430959	Pass	0.185	0.179	0.673	2	464805.358	9191565.612	407.655
50431119	Pass	0.201	0.211	0.687	2	464764.238	9191649.770	407.919
50431254	Pass	0.169	0.252	0.695	2	464880.032	9191775.869	408.532
50432388	Pass	0.103	0.097	0.634	2	465090.198	9191319.014	408.714
50432539	Pass	0.095	0.114	0.637	2	465149.927	9191391.295	406.470
50432754	Pass	0.093	0.131	0.640	2	465204.782	9191456.210	404.740
50436426	Pass	0.190	0.098	0.637	2	465801.647	9191048.726	432.563
60211696	Pass	0.146	0.091	0.391	3	497829.099	9162460.424	438.266
60211697	Pass	0.162	0.093	0.399	3	497912.682	9162481.572	438.082
60211885	Pass	0.152	0.092	0.391	3	497864.653	9162358.077	444.814
60212185	Pass	0.157	0.094	0.404	3	497840.348	9162163.516	451.536
60212191	Pass	0.149	0.091	0.399	3	497801.023	9162098.257	451.121
60212337	Pass	0.156	0.091	0.400	3	497836.185	9161997.706	455.329
60213779	Pass	0.094	0.083	0.363	3	497457.090	9162488.602	443.224
60214430	Pass	0.091	0.082	0.359	3	497430.772	9162505.696	450.006
60214792	Pass	0.090	0.082	0.362	3	497412.850	9162362.017	440.289
60214913	Pass	0.092	0.084	0.372	3	497400.490	9162155.084	447.382
60214914	Pass	0.092	0.087	0.372	3	497392.788	9162218.209	450.976
60215231	Pass	0.089	0.080	0.367	3	497358.186	9162019.598	451.912
60215296	Pass	0.081	0.080	0.335	3	497275.875	9162537.514	494.194

60217258	Pass	0.089	0.075	0.311	3	496934.866	9162505.842	540.800
60217547	Pass	0.085	0.085	0.325	3	496941.393	9162281.703	534.274
60219353	Pass	0.213	0.163	0.597	2	496533.918	9162273.796	545.129
60219610	Pass	0.146	0.094	0.373	3	497879.618	9162861.594	428.291
60219682	Pass	0.141	0.093	0.371	3	497852.073	9162795.769	427.235
60220182	Pass	0.120	0.093	0.359	3	497711.125	9162962.569	435.524
60221553	Pass	0.096	0.089	0.343	3	497514.405	9162999.961	448.595
60221614	Pass	0.086	0.084	0.334	3	497392.835	9162954.470	455.144
60221771	Pass	0.088	0.082	0.334	3	497432.584	9162834.818	454.686
60225551	Pass	0.167	0.103	0.401	3	497984.061	9163252.827	427.063
60225722	Pass	0.154	0.099	0.392	3	497916.505	9163214.950	430.018
60225932	Pass	0.129	0.098	0.377	3	497771.444	9163329.640	435.634
60227245	Pass	0.091	0.088	0.344	3	497460.889	9163323.244	450.586
60228209	Pass	0.087	0.084	0.337	3	497389.774	9163209.558	452.904
60231380	Pass	0.166	0.117	0.421	3	497977.459	9163704.977	428.237
60231382	Pass	0.180	0.117	0.429	3	498043.657	9163648.638	427.932
60232492	Pass	0.110	0.103	0.380	3	497635.656	9163744.674	428.004
60233367	Pass	0.105	0.097	0.372	3	497597.118	9163611.754	433.400
60233979	Pass	0.090	0.094	0.354	3	497385.823	9163761.820	439.266
60237581	Pass	0.203	0.142	0.458	3	498145.503	9164060.578	436.990
60238047	Pass	0.255	0.134	0.662	2	498068.699	9163722.151	430.528
60238365	Pass	0.157	0.137	0.429	3	497943.975	9164187.242	428.385
60239659	Pass	0.108	0.113	0.380	3	497615.811	9164134.096	427.541
60239663	Pass	0.118	0.124	0.398	3	497702.973	9164222.902	418.279
60240349	Pass	0.097	0.108	0.365	3	497476.428	9164183.667	426.097
60243835	Pass	0.194	0.170	0.483	3	498097.654	9164507.395	440.657
60244470	Pass	0.166	0.162	0.463	3	497980.251	9164548.871	430.741
60244625	Pass	0.167	0.153	0.467	3	497970.965	9164432.922	420.998
60246027	Pass	0.113	0.133	0.404	3	497629.724	9164575.430	419.714
60246615	Pass	0.105	0.123	0.385	3	497505.549	9164590.176	420.987
60246625	Pass	0.111	0.130	0.399	3	497600.983	9164574.097	419.063
60249503	Pass	0.307	0.227	0.748	2	498245.370	9164842.859	429.889
60249758	Pass	0.257	0.244	0.745	2	498102.349	9165003.629	421.410
60251250	Pass	0.141	0.190	0.667	2	497679.536	9164990.531	416.381
60251259	Pass	0.163	0.222	0.699	2	497774.824	9165078.231	415.086
60251423	Pass	0.128	0.157	0.645	2	497635.735	9164829.359	416.871
60270717	Pass	0.077	0.073	0.285	3	496425.398	9158222.629	474.409
60272695	Pass	0.128	0.079	0.319	3	497290.910	9158511.938	507.857
60272814	Pass	0.126	0.078	0.320	3	497275.402	9158332.838	496.335
60273184	Pass	0.102	0.074	0.303	3	497116.021	9158445.315	511.350
60277511	Pass	0.162	0.090	0.349	2	497464.634	9158866.815	523.963
60277669	Pass	0.153	0.089	0.346	2	497413.551	9158752.400	510.184
60278657	Pass	0.085	0.079	0.321	3	496980.528	9159000.161	493.478
60282273	Pass	0.248	0.105	0.614	2	497529.186	9159312.465	513.334
60282460	Pass	0.133	0.084	0.342	3	497374.701	9159193.037	519.078
60285304	Pass	0.091	0.077	0.322	3	496420.247	9159473.996	474.112
60286909	Pass	0.162	0.090	0.368	3	497562.999	9159674.370	530.638
60287070	Pass	0.161	0.089	0.371	3	497558.939	9159613.605	519.152
60287088	Pass	0.136	0.085	0.351	3	497424.434	9159652.762	533.588
60287395	Pass	0.205	0.097	0.608	2	497395.623	9159350.476	500.989
60288888	Pass	0.082	0.080	0.321	3	497031.246	9159793.410	526.249

60289050	Pass	0.082	0.076	0.320	3	497026.719	9159666.903	519.733
60292632	Pass	0.156	0.090	0.372	3	497597.248	9160116.113	504.279
60292658	Pass	0.140	0.089	0.370	3	497506.095	9160148.093	487.507
60292977	Pass	0.224	0.100	0.593	2	497516.000	9159912.514	537.732
60294307	Pass	0.088	0.078	0.325	3	497147.397	9160022.874	516.024
60294813	Pass	0.078	0.081	0.345	3	497023.485	9160209.853	456.630
60298914	Pass	0.147	0.091	0.378	3	497609.087	9160564.735	446.586
60299011	Pass	0.158	0.090	0.375	3	497669.050	9160409.634	458.902
60299148	Pass	0.147	0.090	0.367	3	497612.553	9160344.320	464.888
60300855	Pass	0.088	0.084	0.345	3	497213.947	9160610.908	454.786
60301010	Pass	0.078	0.076	0.334	3	497086.716	9160432.733	454.210
60301394	Pass	0.081	0.077	0.322	3	497073.729	9160101.152	511.233
60304692	Pass	0.146	0.090	0.355	3	497685.345	9160903.190	463.636
60304983	Pass	0.153	0.093	0.361	3	497717.062	9160705.415	453.512
60305145	Pass	0.134	0.091	0.350	3	497612.831	9160975.408	467.597
60305736	Pass	0.092	0.085	0.340	3	497311.465	9161001.958	457.179
60306108	Pass	0.088	0.080	0.335	3	497274.568	9160742.287	456.553
60306969	Pass	0.088	0.080	0.342	3	497208.912	9160526.725	452.169
60307041	Pass	0.076	0.086	0.335	3	497106.375	9161064.456	467.408
60308552	Pass	0.091	0.071	0.310	3	496668.745	9160869.751	523.423
60308908	Pass	0.113	0.155	0.616	2	496687.276	9160653.522	477.698
60310481	Pass	0.227	0.100	0.637	2	497739.943	9161359.820	463.442
60310641	Pass	0.162	0.093	0.377	3	497799.315	9161143.680	459.518
60310652	Pass	0.144	0.090	0.368	3	497705.131	9161276.082	465.206
60312556	Pass	0.090	0.082	0.352	3	497323.515	9161307.504	462.811
60312716	Pass	0.083	0.079	0.348	3	497239.968	9161187.761	462.272
60313113	Pass	0.077	0.082	0.350	3	497129.047	9161382.234	468.527
60314528	Pass	0.098	0.083	0.347	3	496708.820	9161463.448	510.772
60314785	Pass	0.096	0.073	0.338	3	496708.282	9161248.246	511.482
60315028	Pass	0.089	0.080	0.314	3	496697.508	9161052.728	528.336
60315267	Pass	0.107	0.079	0.346	3	496630.298	9161412.835	514.519
60319106	Pass	0.252	0.159	0.675	2	497797.823	9161790.762	461.824
60319608	Pass	0.132	0.093	0.394	3	497658.770	9161804.994	449.256
60320983	Pass	0.077	0.078	0.345	3	497132.100	9161699.276	479.417
60322124	Pass	0.084	0.082	0.330	3	496889.453	9161854.117	523.481
60324663	Pass	0.133	0.089	0.387	3	497672.300	9161670.089	452.321
60324670	Pass	0.138	0.090	0.388	3	497699.873	9161529.030	456.226
60325429	Pass	0.090	0.082	0.367	3	497345.235	9161674.704	449.362
60325472	Pass	0.090	0.081	0.367	3	497343.987	9161660.894	449.590
60326433	Pass	0.078	0.083	0.340	3	497163.654	9161812.202	503.168
60327711	Pass	0.086	0.081	0.327	3	496870.788	9161842.800	527.733
60329111	Pass	0.156	0.092	0.401	3	497840.064	9162098.630	455.041
60330265	Pass	0.084	0.085	0.357	3	497292.122	9162214.805	471.433
60349246	Pass	0.141	0.092	0.391	3	497793.305	9162538.969	435.506
60353146	Pass	0.084	0.085	0.337	3	497289.984	9163337.061	447.961
60366345	Pass	0.114	0.124	0.395	3	497669.483	9164246.363	417.184
60381407	Pass	0.225	0.132	0.623	2	496869.008	9165005.797	423.250
60388362	Pass	0.138	0.115	0.568	2	496141.627	9160709.576	533.520
60388626	Pass	0.151	0.084	0.551	2	496197.333	9160872.690	545.532
60411326	Pass	0.090	0.073	0.287	3	496432.194	9162076.291	548.225
60415754	Pass	0.085	0.076	0.285	3	495881.706	9162476.076	495.204

60415989	Pass	0.085	0.075	0.285	3	495884.768	9162539.136	488.573
60417334	Pass	0.077	0.075	0.286	3	496055.532	9162461.331	491.552
60423293	Pass	0.085	0.075	0.281	3	495925.006	9163033.412	471.738
60423392	Pass	0.101	0.135	0.526	2	495947.901	9162422.353	500.314
60423699	Pass	0.081	0.079	0.289	3	495990.488	9162808.613	460.383
60423859	Pass	0.085	0.077	0.289	3	495925.660	9162872.212	455.168
60430670	Pass	0.078	0.077	0.274	3	496072.723	9163244.582	485.430
60430829	Pass	0.078	0.074	0.270	3	496050.546	9163404.793	485.433
60431472	Pass	0.076	0.075	0.273	3	496163.145	9163310.584	484.019
60437271	Pass	0.083	0.074	0.270	3	495988.889	9163830.491	475.924
60437860	Pass	0.078	0.078	0.273	3	496081.207	9163636.934	479.681
60438698	Pass	0.075	0.076	0.272	3	496208.836	9163684.594	479.664
60444067	Pass	0.082	0.073	0.272	3	496009.867	9164188.962	463.116
60444452	Pass	0.079	0.079	0.275	3	496059.144	9164019.365	467.967
60444590	Pass	0.078	0.078	0.275	3	496086.072	9164026.253	467.739
60450247	Pass	0.081	0.074	0.285	3	496027.058	9164499.433	454.750
60450678	Pass	0.074	0.078	0.289	3	496172.512	9164419.459	455.005
60450843	Pass	0.076	0.071	0.285	3	496097.808	9164639.615	449.228
60456720	Pass	0.073	0.076	0.293	3	496157.577	9164818.423	444.268
60456881	Pass	0.075	0.071	0.289	3	496100.496	9164906.445	442.570
60456917	Pass	0.071	0.070	0.291	3	496184.071	9164949.414	439.754
60461793	Pass	0.076	0.072	0.288	3	496061.221	9165239.002	427.988
60461887	Pass	0.075	0.067	0.287	3	496070.043	9165364.344	422.000
60462729	Pass	0.073	0.066	0.288	3	496092.378	9165471.414	417.751
60467055	Pass	0.075	0.069	0.295	3	496087.363	9165697.706	421.583
60467376	Pass	0.073	0.073	0.299	3	496123.592	9165638.693	418.526
60467538	Pass	0.068	0.068	0.296	3	496242.913	9165829.278	421.816
60469006	Pass	0.094	0.087	0.333	3	496662.764	9165593.521	415.608
60469136	Pass	0.087	0.083	0.325	3	496603.145	9165632.690	415.938
60469296	Pass	0.097	0.080	0.328	3	496686.515	9165828.816	416.024
60471844	Pass	0.078	0.069	0.290	3	496125.711	9166285.851	440.356
60472152	Pass	0.075	0.073	0.298	3	496143.215	9166051.953	428.008
60472163	Pass	0.074	0.069	0.295	3	496171.430	9166148.984	429.229
60473613	Pass	0.106	0.090	0.343	3	496739.785	9166014.297	421.282
60473771	Pass	0.096	0.087	0.333	3	496666.440	9166037.396	423.501
60473836	Pass	0.100	0.082	0.329	3	496697.483	9166246.596	429.539
60477076	Pass	0.076	0.078	0.310	3	496251.461	9166446.723	438.475
60477217	Pass	0.079	0.074	0.302	3	496213.132	9166570.157	444.847
60477283	Pass	0.078	0.076	0.305	3	496303.418	9166653.871	445.573
60478576	Pass	0.100	0.092	0.343	3	496676.834	9166411.436	433.279
60478671	Pass	0.110	0.089	0.343	3	496744.995	9166513.980	436.524
60478810	Pass	0.101	0.086	0.335	3	496685.658	9166556.004	439.166
60481689	Pass	0.087	0.079	0.304	3	496173.258	9166918.503	463.410
60481725	Pass	0.087	0.078	0.300	3	496183.999	9167030.939	470.112
60482683	Pass	0.083	0.088	0.324	3	496453.346	9166845.130	455.667
60483673	Pass	0.114	0.099	0.356	3	496760.770	9166815.126	449.469
60483824	Pass	0.101	0.093	0.337	3	496667.903	9166878.837	462.487
60483960	Pass	0.112	0.093	0.345	3	496739.926	9167034.029	455.464
60487838	Pass	0.086	0.089	0.311	3	496309.015	9167259.908	474.687
60487945	Pass	0.086	0.087	0.310	3	496350.579	9167347.776	473.925
60488105	Pass	0.086	0.086	0.308	3	496354.337	9167393.077	475.982

60489821	Pass	0.114	0.098	0.343	3	496757.477	9167322.869	470.586
60489971	Pass	0.109	0.095	0.334	3	496716.457	9167439.663	479.877
60490296	Pass	0.153	0.111	0.378	3	496979.325	9167216.731	463.395
60493364	Pass	0.092	0.087	0.291	3	496237.469	9167757.041	499.669
60493540	Pass	0.091	0.085	0.292	3	496246.756	9167867.121	494.300
60494145	Pass	0.087	0.090	0.293	3	496394.158	9167766.103	503.151
60496260	Pass	0.120	0.103	0.328	3	496831.411	9167738.900	492.463
60496424	Pass	0.121	0.101	0.329	3	496842.738	9167855.758	487.604
60496943	Pass	0.141	0.110	0.340	3	496968.288	9167678.329	506.113
60499710	Pass	0.091	0.085	0.289	3	496271.112	9168240.735	473.887
60500270	Pass	0.087	0.089	0.291	3	496396.535	9168179.270	474.095
60500317	Pass	0.097	0.141	0.532	2	496421.380	9168122.060	477.864
60500951	Pass	0.091	0.098	0.300	3	496569.035	9168062.494	478.930
60502713	Pass	0.120	0.106	0.321	3	496874.609	9168108.837	478.616
60502873	Pass	0.119	0.102	0.324	3	496875.462	9168249.558	470.443
60503391	Pass	0.125	0.111	0.328	3	496902.232	9168036.014	476.111
60506657	Pass	0.087	0.090	0.302	3	496356.567	9168481.291	462.476
60506787	Pass	0.087	0.086	0.299	3	496345.838	9168551.283	461.801
60506936	Pass	0.083	0.084	0.303	3	496428.827	9168689.421	456.272
60508990	Pass	0.107	0.105	0.332	3	496824.859	9168453.646	456.743
60509113	Pass	0.103	0.103	0.328	3	496793.931	9168471.784	456.378
60509221	Pass	0.114	0.101	0.336	3	496886.174	9168567.570	452.053
60512488	Pass	0.085	0.078	0.306	3	496334.780	9168996.233	452.353
60513016	Pass	0.081	0.088	0.317	3	496480.024	9168869.731	450.030
60513336	Pass	0.080	0.076	0.301	3	496408.347	9169114.522	466.506
60514989	Pass	0.118	0.104	0.356	3	496953.546	9168839.051	439.549
60515144	Pass	0.104	0.093	0.342	3	496865.868	9168943.327	440.353
60515250	Pass	0.097	0.088	0.331	3	496816.425	9168999.822	451.626
60517962	Pass	0.079	0.070	0.293	3	496372.411	9169479.773	474.558
60518260	Pass	0.079	0.079	0.302	3	496419.903	9169291.308	471.068
60518355	Pass	0.078	0.073	0.295	3	496416.840	9169399.970	473.258
60519648	Pass	0.102	0.092	0.338	3	496927.298	9169256.833	450.407
60519738	Pass	0.104	0.088	0.336	3	496953.310	9169310.473	449.854
60519898	Pass	0.095	0.079	0.323	3	496892.336	9169432.179	458.220
60522629	Pass	0.073	0.074	0.288	3	496498.916	9169695.190	479.534
60522634	Pass	0.076	0.072	0.287	3	496425.228	9169725.682	481.824
60522794	Pass	0.072	0.067	0.284	3	496498.219	9169859.584	470.815
60523964	Pass	0.084	0.081	0.300	3	496873.802	9169668.729	457.548
60524056	Pass	0.092	0.078	0.302	3	496961.440	9169732.758	448.580
60524094	Pass	0.088	0.074	0.299	3	496924.647	9169789.969	448.845
60526599	Pass	0.076	0.066	0.275	3	496422.154	9170276.228	489.341
60526998	Pass	0.071	0.072	0.282	3	496555.171	9170098.497	478.289
60527155	Pass	0.073	0.068	0.278	3	496492.667	9170168.110	483.081
60528797	Pass	0.086	0.079	0.300	3	496930.722	9170072.208	454.358
60528948	Pass	0.095	0.075	0.301	3	497017.081	9170184.386	455.809
60529086	Pass	0.095	0.074	0.298	3	497013.583	9170289.507	463.333
60532126	Pass	0.078	0.069	0.295	3	496443.450	9170619.802	482.557
60532626	Pass	0.074	0.070	0.298	3	496584.592	9170697.996	480.224
60533061	Pass	0.073	0.076	0.311	3	496690.810	9170496.025	471.154
60534464	Pass	0.102	0.083	0.335	3	497020.303	9170476.242	470.929
60534550	Pass	0.105	0.080	0.331	3	497045.846	9170573.942	475.594

60534698	Pass	0.105	0.080	0.329	3	497043.780	9170661.786	477.524
60537970	Pass	0.081	0.072	0.299	3	496481.478	9171127.583	502.978
60538306	Pass	0.076	0.077	0.311	3	496587.553	9170950.332	490.374
60538340	Pass	0.076	0.076	0.311	3	496625.101	9170978.500	492.369
60540308	Pass	0.098	0.086	0.341	3	496975.471	9170955.608	488.077
60540467	Pass	0.097	0.085	0.335	3	496963.077	9171098.205	494.057
60540953	Pass	0.120	0.094	0.364	3	497126.258	9170878.006	483.106
60544769	Pass	0.081	0.082	0.310	3	496612.375	9171333.222	507.824
60544929	Pass	0.083	0.077	0.307	3	496557.065	9171493.175	497.226
60545471	Pass	0.081	0.082	0.310	3	496683.086	9171382.647	513.135
60546800	Pass	0.120	0.099	0.359	3	497106.107	9171344.509	507.327
60546966	Pass	0.103	0.093	0.333	3	496985.739	9171503.569	527.724
60547469	Pass	0.143	0.105	0.379	3	497239.500	9171342.994	506.653
60551127	Pass	0.089	0.081	0.315	3	496550.957	9171834.472	479.892
60551291	Pass	0.090	0.085	0.319	3	496645.984	9171920.570	484.077
60551910	Pass	0.092	0.094	0.331	3	496822.962	9171740.636	507.935
60553416	Pass	0.121	0.107	0.365	3	497090.585	9171722.806	526.558
60553579	Pass	0.111	0.103	0.355	3	497018.518	9171812.695	510.476
60554152	Pass	0.146	0.115	0.391	3	497234.264	9171747.599	523.097
60557021	Pass	0.118	0.091	0.545	2	496545.738	9172124.264	469.850
60557160	Pass	0.124	0.116	0.557	2	496564.870	9172363.048	462.644
60557741	Pass	0.111	0.101	0.550	2	496643.609	9172223.804	469.064
60559971	Pass	0.159	0.124	0.591	2	497125.621	9172084.656	483.787
60560131	Pass	0.155	0.125	0.588	2	497106.490	9172152.620	488.163
60560212	Pass	0.145	0.127	0.587	2	497059.724	9172220.008	480.508
60565915	Pass	0.091	0.092	0.329	3	495215.350	9162644.592	443.382
60566045	Pass	0.091	0.089	0.328	3	495211.791	9162550.207	444.123
60568049	Pass	0.134	0.108	0.590	2	494877.715	9162345.740	440.727
60568528	Pass	0.113	0.107	0.355	3	494894.791	9162718.301	455.324
60568688	Pass	0.115	0.101	0.355	3	494882.585	9162567.907	447.585
60569275	Pass	0.141	0.117	0.382	3	494714.592	9162763.755	449.319
60569433	Pass	0.139	0.108	0.376	3	494719.519	9162574.674	443.882
60573553	Pass	0.090	0.087	0.306	3	495303.146	9162891.299	458.437
60574175	Pass	0.093	0.099	0.315	3	495126.206	9163099.381	469.066
60574500	Pass	0.094	0.093	0.315	3	495115.646	9162883.536	463.248
60574654	Pass	0.092	0.093	0.329	3	495194.394	9162663.756	448.078
60575379	Pass	0.102	0.103	0.344	3	495000.237	9162721.707	457.084
60575539	Pass	0.127	0.114	0.352	3	494792.636	9163139.842	455.358
60575596	Pass	0.118	0.105	0.339	3	494850.905	9163011.617	459.167
60575759	Pass	0.116	0.103	0.336	3	494865.721	9162903.854	460.878
60576778	Pass	0.161	0.123	0.379	3	494592.612	9163151.005	446.737
60580270	Pass	0.088	0.088	0.292	3	495316.861	9163262.358	477.780
60580582	Pass	0.090	0.091	0.307	3	495236.916	9162984.687	464.809
60580674	Pass	0.087	0.093	0.297	3	495260.381	9163441.274	477.651
60580835	Pass	0.088	0.092	0.297	3	495232.523	9163386.958	477.542
60581834	Pass	0.094	0.095	0.307	3	495086.264	9163289.836	471.041
60582254	Pass	0.125	0.109	0.339	3	494807.057	9163454.393	456.813
60582578	Pass	0.128	0.106	0.339	3	494781.639	9163305.037	455.335
60582962	Pass	0.149	0.118	0.359	3	494660.022	9163515.954	453.492
60583124	Pass	0.147	0.113	0.354	3	494670.469	9163401.204	451.162
60586853	Pass	0.086	0.089	0.300	3	495273.832	9163704.545	469.419

60587311	Pass	0.090	0.100	0.326	3	495138.093	9163915.297	443.981
60587642	Pass	0.097	0.116	0.554	2	495118.750	9163670.187	474.239
60588130	Pass	0.097	0.104	0.335	3	495044.940	9163932.558	441.100
60588920	Pass	0.116	0.106	0.343	3	494879.882	9163857.895	451.524
60589082	Pass	0.147	0.154	0.594	2	494867.840	9163827.285	452.166
60589085	Pass	0.117	0.103	0.336	3	494870.531	9163717.919	461.306
60589700	Pass	0.133	0.110	0.353	3	494770.681	9163844.191	453.554
60592672	Pass	0.086	0.083	0.295	3	495466.631	9164189.634	466.262
60592759	Pass	0.086	0.082	0.292	3	495465.926	9164131.110	469.600
60595378	Pass	0.106	0.096	0.339	3	494971.988	9164069.088	436.925
60595887	Pass	0.118	0.105	0.358	3	494876.075	9164293.366	430.653
60596047	Pass	0.116	0.101	0.351	3	494888.345	9164214.454	435.927
60599797	Pass	0.084	0.078	0.304	3	495493.095	9164491.780	451.797
60600090	Pass	0.086	0.086	0.295	3	495471.848	9164263.390	474.867
60600296	Pass	0.078	0.085	0.314	3	495368.226	9164664.771	456.191
60600859	Pass	0.093	0.146	0.571	2	495313.461	9164243.139	459.405
60601129	Pass	0.080	0.086	0.329	3	495244.347	9164638.207	436.788
60602051	Pass	0.100	0.091	0.350	3	495013.689	9164573.629	427.734
60602705	Pass	0.118	0.101	0.371	3	494886.974	9164699.416	424.812
60602865	Pass	0.132	0.137	0.611	2	494968.574	9164565.179	426.065
60606549	Pass	0.079	0.075	0.302	3	495491.016	9164817.619	455.750
60607047	Pass	0.073	0.082	0.324	3	495325.023	9165077.377	440.503
60607826	Pass	0.093	0.090	0.351	3	495044.626	9165071.709	425.013
60608498	Pass	0.098	0.086	0.343	3	495008.106	9164887.312	437.888
60608963	Pass	0.123	0.096	0.366	3	494854.695	9164481.943	429.392
60608969	Pass	0.121	0.098	0.373	3	494863.761	9165094.483	422.188
60611772	Pass	0.074	0.071	0.304	3	495517.752	9165375.314	420.438
60611840	Pass	0.070	0.072	0.308	3	495392.475	9165329.825	423.245
60612155	Pass	0.079	0.077	0.314	3	495513.434	9165044.058	439.601
60612459	Pass	0.070	0.082	0.319	3	495307.176	9165487.342	422.256
60613735	Pass	0.110	0.096	0.357	3	494918.675	9165508.023	426.557
60613820	Pass	0.100	0.083	0.345	3	494987.883	9165278.541	423.225
60616721	Pass	0.077	0.073	0.306	3	495596.884	9165847.404	419.936
60616826	Pass	0.075	0.067	0.302	3	495585.049	9165688.429	420.142
60617670	Pass	0.069	0.081	0.316	3	495309.787	9165874.648	430.617
60618471	Pass	0.087	0.079	0.333	3	495093.218	9165612.134	426.085
60618782	Pass	0.094	0.088	0.340	3	495043.655	9165856.143	427.279
60618932	Pass	0.087	0.081	0.332	3	495089.997	9165768.767	426.903
60619263	Pass	0.104	0.086	0.349	3	494957.111	9165343.255	422.879
60621815	Pass	0.076	0.069	0.293	3	495623.022	9166152.685	432.143
60622624	Pass	0.073	0.067	0.297	3	495583.928	9165978.371	424.466
60624058	Pass	0.102	0.092	0.328	3	495022.734	9166280.023	438.653
60624214	Pass	0.088	0.079	0.315	3	495113.910	9166111.673	436.255
60624632	Pass	0.114	0.093	0.336	3	494944.563	9166266.859	433.802
60627942	Pass	0.074	0.070	0.302	3	495579.202	9166426.600	447.155
60628219	Pass	0.073	0.075	0.295	3	495556.439	9166238.712	438.831
60628435	Pass	0.076	0.076	0.311	3	495325.625	9166477.885	453.842
60629315	Pass	0.099	0.092	0.333	3	495108.535	9166655.037	459.521
60629471	Pass	0.099	0.083	0.331	3	495087.438	9166502.457	450.887
60629847	Pass	0.125	0.095	0.351	3	494937.848	9166629.432	451.798
60632801	Pass	0.078	0.081	0.315	3	495514.531	9166927.423	456.110

60632838	Pass	0.078	0.076	0.313	3	495569.043	9166827.724	452.244
60633150	Pass	0.078	0.076	0.299	3	495612.472	9166578.276	460.360
60633558	Pass	0.080	0.080	0.316	3	495351.898	9166804.539	471.388
60634339	Pass	0.105	0.096	0.337	3	495117.666	9167018.854	475.979
60634499	Pass	0.116	0.091	0.345	3	495036.237	9166907.575	465.031
60635010	Pass	0.135	0.100	0.359	3	494932.199	9167010.018	466.934
60638415	Pass	0.085	0.083	0.308	3	495654.903	9167269.653	467.248
60638575	Pass	0.082	0.082	0.312	3	495578.564	9167156.865	463.247
60638981	Pass	0.082	0.088	0.307	3	495514.837	9167356.495	479.802
60640403	Pass	0.107	0.097	0.323	3	495133.850	9167362.745	488.358
60640566	Pass	0.108	0.093	0.325	3	495117.455	9167237.155	483.288
60641154	Pass	0.130	0.107	0.341	3	494987.660	9167454.049	485.113
60646171	Pass	0.083	0.091	0.284	3	495464.041	9167752.900	509.210
60646336	Pass	0.083	0.087	0.289	3	495542.530	9167662.133	489.516
60647767	Pass	0.106	0.099	0.296	3	495162.785	9167804.136	501.418
60647927	Pass	0.105	0.095	0.293	3	495162.626	9167677.838	503.701
60652500	Pass	0.087	0.088	0.300	3	495708.149	9168160.206	485.060
60652574	Pass	0.083	0.086	0.294	3	495587.470	9168041.491	495.129
60652692	Pass	0.085	0.089	0.288	3	495633.961	9167766.696	499.092
60653026	Pass	0.085	0.092	0.300	3	495436.033	9168169.672	500.999
60654601	Pass	0.108	0.096	0.308	3	495172.511	9168160.299	515.391
60654763	Pass	0.101	0.093	0.302	3	495234.064	9168088.273	511.620
60655376	Pass	0.138	0.100	0.326	3	494970.143	9168150.488	506.318
60655845	Pass	0.137	0.106	0.309	3	494951.016	9167826.468	498.469
60658908	Pass	0.080	0.084	0.296	3	495610.724	9168508.109	493.229
60659151	Pass	0.085	0.082	0.296	3	495725.035	9168350.986	484.444
60660273	Pass	0.082	0.087	0.300	3	495447.526	9168531.780	496.722
60661078	Pass	0.098	0.090	0.306	3	495242.702	9168502.474	507.538
60661240	Pass	0.098	0.089	0.303	3	495243.878	9168392.080	510.664
60661842	Pass	0.127	0.097	0.323	3	495026.581	9168580.735	511.143
60665280	Pass	0.076	0.080	0.288	3	495632.237	9168918.687	476.244
60665388	Pass	0.077	0.079	0.286	3	495623.383	9168782.272	477.442
60672018	Pass	0.075	0.073	0.283	3	495674.365	9169139.200	485.167
60672368	Pass	0.071	0.077	0.288	3	495562.989	9169376.538	482.713
60672528	Pass	0.072	0.073	0.280	3	495528.143	9169217.521	488.748
60672851	Pass	0.075	0.083	0.287	3	495531.811	9168984.602	482.950
60678620	Pass	0.075	0.073	0.300	3	495780.116	9169748.474	469.239
60678683	Pass	0.071	0.069	0.288	3	495679.249	9169542.347	474.740
60679250	Pass	0.069	0.071	0.293	3	495613.607	9169701.483	471.724
60684870	Pass	0.071	0.069	0.291	3	495766.349	9170110.488	483.301
60685196	Pass	0.069	0.066	0.289	3	495705.260	9169921.311	476.226
60685400	Pass	0.067	0.072	0.293	3	495634.156	9170150.880	477.706
60691021	Pass	0.075	0.065	0.289	3	495874.341	9170363.131	489.023
60691564	Pass	0.069	0.066	0.288	3	495767.977	9170444.292	492.006
60697625	Pass	0.076	0.070	0.289	3	495914.881	9170903.703	512.980
60698711	Pass	0.071	0.064	0.285	3	495848.475	9170694.589	504.324
60698832	Pass	0.071	0.070	0.291	3	495818.460	9170523.872	497.426
60699164	Pass	0.065	0.067	0.280	3	495689.471	9170873.949	521.781
60705525	Pass	0.071	0.072	0.297	3	495867.464	9171313.493	494.428
60705692	Pass	0.069	0.065	0.285	3	495827.075	9171106.987	506.154
60706347	Pass	0.067	0.071	0.294	3	495778.199	9171304.539	496.683

60713178	Pass	0.068	0.069	0.291	3	495813.513	9171636.456	480.189
60713470	Pass	0.069	0.066	0.288	3	495843.192	9171478.795	487.677
60720739	Pass	0.070	0.075	0.302	3	495861.937	9172096.766	454.739
60720781	Pass	0.069	0.071	0.297	3	495840.701	9172021.113	457.796
60720898	Pass	0.074	0.070	0.297	3	495931.205	9171962.912	460.638
60721918	Pass	0.067	0.073	0.296	3	495682.468	9171725.230	471.353
60727401	Pass	0.073	0.077	0.303	3	495907.214	9172469.314	451.302
60728049	Pass	0.071	0.079	0.303	3	495853.488	9172514.994	451.452
60728208	Pass	0.068	0.069	0.294	3	495735.810	9172292.742	452.387
60733628	Pass	0.086	0.084	0.312	3	496059.463	9172897.943	444.619
60734339	Pass	0.074	0.082	0.304	3	495897.010	9172910.939	448.362
60734371	Pass	0.074	0.074	0.298	3	495915.865	9172740.823	448.724
60739017	Pass	0.136	0.090	0.339	3	496423.158	9173176.402	439.654
60739177	Pass	0.133	0.087	0.337	3	496410.946	9173064.631	438.770
60739828	Pass	0.107	0.082	0.321	3	496238.064	9173075.638	441.936
60741016	Pass	0.088	0.085	0.314	3	496079.306	9173277.302	444.342
60741263	Pass	0.075	0.077	0.299	3	495918.002	9173179.677	450.983
60742020	Pass	0.073	0.074	0.297	3	495883.063	9173055.522	448.934
60744915	Pass	0.115	0.075	0.554	2	495190.614	9173099.682	478.207
60745375	Pass	0.164	0.099	0.371	3	496581.472	9173646.803	440.191
60745403	Pass	0.137	0.091	0.352	3	496440.588	9173564.691	441.967
60745514	Pass	0.158	0.093	0.362	3	496556.829	9173489.012	439.904
60745837	Pass	0.137	0.093	0.343	3	496428.844	9173243.150	438.582
60746117	Pass	0.112	0.090	0.340	3	496283.153	9173650.987	446.273
60747470	Pass	0.077	0.082	0.314	3	495965.644	9173644.240	452.433
60747536	Pass	0.077	0.083	0.314	3	495954.605	9173667.408	454.354
60747753	Pass	0.084	0.079	0.316	3	496059.182	9173427.438	448.779
60748008	Pass	0.077	0.077	0.301	3	495964.395	9173172.854	449.673
60748179	Pass	0.074	0.077	0.308	3	495911.927	9173576.062	453.219
60751746	Pass	0.153	0.095	0.371	3	496549.073	9173943.415	436.193
60751808	Pass	0.215	0.141	0.609	2	496470.671	9173973.116	444.776
60751852	Pass	0.149	0.093	0.366	3	496527.984	9173858.446	439.784
60752453	Pass	0.132	0.090	0.353	3	496431.418	9173825.108	448.355
60753792	Pass	0.077	0.079	0.312	3	495975.334	9173965.160	466.390
60753798	Pass	0.077	0.077	0.311	3	495970.246	9173882.987	463.993
60755831	Pass	0.087	0.077	0.301	3	495542.174	9174095.494	477.099
60755930	Pass	0.101	0.150	0.557	2	495658.110	9174085.296	484.280
60758141	Pass	0.146	0.094	0.370	3	496519.977	9174366.537	443.817
60758142	Pass	0.144	0.097	0.372	3	496505.383	9174444.185	443.850
60758239	Pass	0.161	0.095	0.378	3	496599.584	9174231.104	439.492
60759452	Pass	0.090	0.081	0.326	3	496154.485	9174268.582	463.598
60759739	Pass	0.119	0.145	0.571	2	496139.313	9174030.980	473.798
60759905	Pass	0.089	0.087	0.334	3	496137.732	9174447.927	455.766
60760001	Pass	0.078	0.080	0.316	3	496003.137	9174391.878	470.200
60760437	Pass	0.077	0.081	0.313	3	495976.436	9174014.151	467.146
60764391	Pass	0.144	0.094	0.370	3	496530.304	9174785.026	447.474
60764508	Pass	0.152	0.093	0.373	3	496577.273	9174641.489	445.361
60764974	Pass	0.116	0.090	0.354	3	496361.560	9174808.523	449.092
60766277	Pass	0.081	0.085	0.333	3	496055.690	9174860.864	453.070
60766446	Pass	0.079	0.078	0.324	3	496038.099	9174616.749	454.611
60770290	Pass	0.156	0.097	0.361	3	496635.624	9175198.613	476.543

60770449	Pass	0.158	0.094	0.368	3	496642.715	9174996.928	456.193
60772251	Pass	0.093	0.083	0.337	3	496190.084	9174755.520	451.339
60772678	Pass	0.081	0.079	0.320	3	496094.247	9174994.379	454.221
60772967	Pass	0.077	0.084	0.318	3	496021.072	9175250.422	458.469
60773096	Pass	0.075	0.075	0.310	3	495933.437	9175094.747	456.733
60776231	Pass	0.156	0.094	0.356	3	496666.624	9175540.619	461.724
60776391	Pass	0.213	0.114	0.587	2	496579.843	9175403.569	470.312
60778272	Pass	0.079	0.080	0.307	3	496088.329	9175567.545	471.800
60778870	Pass	0.075	0.079	0.304	3	495950.932	9175581.537	465.048
60779182	Pass	0.076	0.076	0.309	3	496014.531	9175407.167	456.473
60781876	Pass	0.165	0.099	0.355	2	496712.912	9175970.422	481.547
60782012	Pass	0.140	0.089	0.347	3	496596.347	9175803.599	468.944
60782661	Pass	0.113	0.085	0.332	3	496432.983	9175895.389	473.196
60782887	Pass	0.135	0.093	0.343	3	496555.747	9175585.043	471.872
60783541	Pass	0.079	0.079	0.306	3	496110.085	9175919.412	488.596
60783681	Pass	0.079	0.078	0.305	3	496107.356	9175883.629	489.314
60784554	Pass	0.076	0.075	0.307	3	495984.171	9175802.842	477.025
60787663	Pass	0.166	0.094	0.360	3	496751.808	9176333.926	460.164
60787813	Pass	0.144	0.093	0.354	3	496633.422	9176385.508	453.890
60787821	Pass	0.135	0.088	0.331	3	496597.240	9176162.976	496.064
60790333	Pass	0.077	0.080	0.313	3	496063.902	9176352.315	464.256
60790492	Pass	0.077	0.076	0.305	3	496052.511	9176204.191	476.475
60791180	Pass	0.079	0.077	0.302	3	495852.482	9176360.230	481.820
60794173	Pass	0.160	0.092	0.355	3	496767.147	9176721.151	436.840
60794276	Pass	0.143	0.089	0.344	3	496675.930	9176561.826	436.580
60794880	Pass	0.113	0.085	0.333	3	496491.510	9176709.762	438.364
60796253	Pass	0.079	0.082	0.320	3	496166.771	9176802.322	447.505
60796341	Pass	0.084	0.078	0.313	3	496233.972	9176629.471	452.148
60796963	Pass	0.076	0.075	0.304	3	496058.285	9176599.100	462.997
60800337	Pass	0.103	0.088	0.505	2	495403.524	9176507.424	568.730
60800632	Pass	0.152	0.087	0.358	3	496758.826	9177103.016	442.043
60800863	Pass	0.148	0.087	0.356	3	496737.153	9176924.732	439.846
60801075	Pass	0.110	0.084	0.336	3	496512.060	9177182.630	454.491
60802238	Pass	0.084	0.076	0.324	3	496284.122	9176996.260	442.362
60802609	Pass	0.073	0.076	0.317	3	496071.132	9177167.385	447.080
60806371	Pass	0.153	0.083	0.354	3	496815.709	9177454.188	467.812
60806711	Pass	0.131	0.081	0.345	3	496685.581	9177313.032	464.319
60806985	Pass	0.111	0.078	0.325	3	496567.133	9177467.999	487.315
60808889	Pass	0.082	0.079	0.325	3	496275.421	9177178.559	446.699
60809065	Pass	0.070	0.072	0.309	3	496097.137	9177527.699	463.920
60809399	Pass	0.073	0.071	0.313	3	496155.789	9177355.516	459.585
60809729	Pass	0.073	0.070	0.287	3	495941.337	9177511.275	509.956
60812629	Pass	0.137	0.080	0.353	3	496766.508	9177902.236	441.955
60812773	Pass	0.132	0.078	0.346	3	496741.127	9177810.001	448.794
60813445	Pass	0.103	0.076	0.323	3	496553.522	9177916.403	473.650
60814865	Pass	0.078	0.073	0.293	3	496341.615	9177953.388	517.902
60815019	Pass	0.073	0.069	0.282	3	496266.843	9177840.875	534.226
60815822	Pass	0.068	0.067	0.273	3	496134.491	9177851.508	545.235
60819550	Pass	0.140	0.079	0.341	3	496827.802	9178260.804	447.451
60819689	Pass	0.125	0.076	0.329	3	496737.258	9178200.682	456.013
60820397	Pass	0.102	0.075	0.320	3	496583.343	9178296.710	453.232

60821894	Pass	0.076	0.070	0.290	3	496350.289	9178275.508	495.695
60822054	Pass	0.073	0.068	0.284	3	496310.400	9178147.593	504.210
60822688	Pass	0.068	0.074	0.294	3	496210.133	9178386.002	474.382
60826522	Pass	0.142	0.080	0.346	3	496847.714	9178651.847	432.588
60826683	Pass	0.129	0.077	0.338	3	496775.881	9178573.801	436.089
60827228	Pass	0.116	0.079	0.332	3	496691.610	9178694.696	438.992
60829576	Pass	0.068	0.074	0.289	3	496204.780	9178784.483	495.835
60833417	Pass	0.131	0.082	0.344	3	496796.820	9179058.008	446.752
60833577	Pass	0.144	0.082	0.351	3	496872.653	9178954.519	440.955
60834162	Pass	0.106	0.084	0.336	3	496634.463	9179158.108	449.839
60835526	Pass	0.075	0.080	0.323	3	496352.032	9179191.164	446.781
60835714	Pass	0.071	0.071	0.308	3	496296.560	9178989.505	462.011
60835973	Pass	0.080	0.077	0.312	3	496414.557	9178757.692	453.938
60836178	Pass	0.070	0.069	0.302	3	496279.152	9178597.267	455.701
60836245	Pass	0.068	0.072	0.306	3	496211.575	9179096.235	463.003
60840063	Pass	0.142	0.089	0.347	3	496881.575	9179494.074	472.719
60840148	Pass	0.195	0.094	0.561	2	496821.588	9179551.574	472.927
60840279	Pass	0.129	0.084	0.340	3	496806.456	9179365.173	468.605
60842348	Pass	0.072	0.079	0.307	3	496333.573	9179566.369	484.906
60842640	Pass	0.080	0.075	0.319	3	496431.108	9179339.970	455.779
60846828	Pass	0.141	0.090	0.346	3	496897.457	9179915.541	472.991
60846923	Pass	0.133	0.090	0.344	3	496848.056	9179947.609	468.908
60846986	Pass	0.131	0.086	0.338	3	496841.720	9179720.034	477.254
60850387	Pass	0.071	0.077	0.308	3	496292.678	9179539.748	475.620
60853764	Pass	0.211	0.096	0.573	2	496931.373	9180355.765	448.411
60853795	Pass	0.131	0.088	0.343	3	496871.579	9180308.122	455.390
60853921	Pass	0.147	0.089	0.342	3	496969.325	9180189.287	475.743
60856091	Pass	0.075	0.076	0.298	3	496437.927	9180298.336	486.355
60856241	Pass	0.076	0.075	0.293	3	496443.779	9180218.512	498.628
60856559	Pass	0.081	0.079	0.304	3	496470.218	9179909.314	493.802
60856809	Pass	0.076	0.075	0.294	3	496411.716	9179790.814	508.198
60856890	Pass	0.069	0.075	0.296	3	496319.314	9180322.581	476.462
60860685	Pass	0.155	0.091	0.361	3	497033.136	9180725.723	419.871
60860845	Pass	0.153	0.088	0.357	3	497025.507	9180621.079	420.948
60862178	Pass	0.090	0.078	0.314	3	496617.240	9180681.468	443.356
60862967	Pass	0.083	0.077	0.310	3	496551.692	9180704.827	443.011
60863017	Pass	0.073	0.076	0.302	3	496417.413	9180766.981	449.272
60863124	Pass	0.074	0.074	0.300	3	496448.140	9180660.948	451.552
60867502	Pass	0.143	0.089	0.350	3	496992.415	9181165.587	441.702
60867567	Pass	0.134	0.086	0.343	3	496939.693	9181142.987	442.995
60867667	Pass	0.132	0.083	0.340	3	496932.719	9181028.133	446.160
60869173	Pass	0.087	0.078	0.318	3	496613.170	9181154.159	432.548
60869379	Pass	0.086	0.075	0.314	3	496594.509	9180954.130	436.300
60870614	Pass	0.072	0.072	0.301	3	496419.391	9181103.185	440.265
60874296	Pass	0.158	0.090	0.378	3	497048.455	9181478.871	439.298
60874307	Pass	0.142	0.090	0.370	3	496970.015	9181519.946	439.624
60874622	Pass	0.140	0.084	0.365	3	496956.701	9181327.902	438.119
60880930	Pass	0.298	0.164	0.724	2	497140.882	9181905.294	413.459
60881015	Pass	0.285	0.136	0.710	2	497117.804	9181809.572	416.823
60881067	Pass	0.244	0.110	0.686	2	497018.977	9181707.309	423.423
60945455	Pass	0.107	0.087	0.305	3	495727.203	9158945.801	502.534

60990600	Pass	0.165	0.164	0.574	2	496475.175	9156403.676	487.764
60990777	Pass	0.189	0.135	0.571	2	496384.483	9156510.940	479.502
60991053	Pass	0.122	0.172	0.581	2	496642.657	9156378.096	477.793
60993403	Pass	0.160	0.110	0.593	2	497361.821	9156652.920	489.284
60993552	Pass	0.141	0.086	0.572	2	497299.574	9156807.587	492.756
60993835	Pass	0.230	0.125	0.636	2	497560.023	9156609.432	482.838
60998485	Pass	0.259	0.188	0.691	2	493990.941	9168999.346	499.144
60998505	Pass	0.242	0.160	0.672	2	494022.302	9169082.083	505.458
60999062	Pass	0.141	0.095	0.340	3	494005.532	9169470.454	501.691
60999327	Pass	0.218	0.187	0.678	2	494101.213	9168985.719	503.141
61000958	Pass	0.120	0.184	0.653	2	494435.849	9168960.158	506.844
61000966	Pass	0.106	0.184	0.650	2	494515.648	9168954.085	507.190
61001483	Pass	0.084	0.091	0.309	3	494520.966	9169317.793	521.827
61003294	Pass	0.087	0.090	0.316	3	494845.532	9169282.005	500.949
61003925	Pass	0.144	0.189	0.649	2	494916.722	9168928.026	508.400
61005366	Pass	0.249	0.208	0.678	2	495235.962	9168894.963	494.440
61008420	Pass	0.085	0.080	0.291	3	494426.007	9169730.026	516.969
61008627	Pass	0.083	0.075	0.288	3	494435.274	9169840.007	514.928
61015933	Pass	0.104	0.136	0.561	2	494512.367	9170096.715	512.711
61023063	Pass	0.071	0.072	0.293	3	494636.921	9170472.257	512.933
61030070	Pass	0.075	0.073	0.288	3	494574.050	9170828.973	521.051
61080113	Pass	0.075	0.073	0.298	3	494737.314	9173385.913	474.327
61127874	Pass	0.083	0.081	0.269	3	494937.087	9176011.134	588.530
61133590	Pass	0.137	0.090	0.284	3	494592.941	9176423.810	676.841
61133668	Pass	0.129	0.087	0.281	3	494640.048	9176502.376	669.410
61134377	Pass	0.104	0.083	0.276	3	494812.271	9176458.757	643.074
61135345	Pass	0.112	0.133	0.509	2	494966.506	9176394.117	624.428
61141114	Pass	0.134	0.088	0.305	3	494681.016	9176837.609	653.952
61141280	Pass	0.142	0.088	0.326	3	494647.188	9176970.902	616.362
61141821	Pass	0.111	0.087	0.299	3	494821.641	9176755.574	632.425
61143418	Pass	0.089	0.083	0.294	3	495003.875	9176733.765	604.344
61148660	Pass	0.157	0.092	0.346	3	494595.641	9177152.781	591.819
61148692	Pass	0.149	0.089	0.344	3	494638.482	9177260.104	576.044
61148851	Pass	0.146	0.088	0.350	3	494660.527	9177295.336	556.058
61156171	Pass	0.191	0.096	0.535	2	494712.649	9177519.103	559.037
61156262	Pass	0.142	0.092	0.336	3	494668.616	9177538.886	568.025
61156424	Pass	0.139	0.089	0.341	3	494685.181	9177708.458	538.835
61163520	Pass	0.129	0.088	0.319	3	494751.063	9177930.203	565.131
61163533	Pass	0.126	0.087	0.317	3	494764.932	9177935.185	564.323
61163680	Pass	0.135	0.086	0.319	3	494715.527	9178053.085	565.488
61170891	Pass	0.130	0.086	0.304	3	494717.987	9178325.143	588.981
61171053	Pass	0.133	0.087	0.296	2	494724.562	9178431.481	608.318
61171524	Pass	0.110	0.084	0.300	3	494849.709	9178285.654	562.698
61178078	Pass	0.128	0.079	0.300	3	494723.117	9178737.447	604.166
61178119	Pass	0.109	0.075	0.286	3	494852.616	9178777.604	606.115
61178247	Pass	0.126	0.076	0.297	3	494734.452	9178859.254	606.519
61185590	Pass	0.122	0.072	0.289	3	494758.083	9179142.398	597.747
61201442	Pass	0.138	0.090	0.514	2	495044.151	9180000.132	525.710
61208374	Pass	0.131	0.069	0.319	3	494823.042	9180283.017	483.563
61208547	Pass	0.122	0.066	0.309	3	494874.311	9180427.833	491.949
61209156	Pass	0.105	0.065	0.291	3	494983.591	9180339.970	519.655

61216227	Pass	0.112	0.065	0.312	3	494975.863	9180831.393	465.744
61223402	Pass	0.194	0.124	0.534	2	494952.379	9180671.444	518.235
61223649	Pass	0.119	0.069	0.313	3	494966.775	9181047.085	466.181
61223868	Pass	0.124	0.069	0.316	3	494936.803	9181059.011	463.644
61223957	Pass	0.132	0.065	0.322	3	494886.187	9181206.227	453.740
61242008	Pass	0.114	0.167	0.577	2	494728.034	9161812.272	528.539
61244540	Pass	0.172	0.164	0.648	2	494417.501	9161683.045	482.153
61244656	Pass	0.157	0.139	0.603	2	494451.828	9161577.458	514.285
61244815	Pass	0.188	0.131	0.645	2	494359.679	9161441.580	468.040
61244988	Pass	0.140	0.116	0.400	3	494422.514	9161335.532	489.262
61245154	Pass	0.135	0.111	0.384	3	494446.558	9161280.077	513.402
61245281	Pass	0.133	0.108	0.376	3	494453.400	9161199.277	531.807
61252972	Pass	0.114	0.097	0.347	3	494617.281	9160967.082	525.140
61253132	Pass	0.114	0.096	0.347	3	494616.379	9160944.609	523.545
61253298	Pass	0.103	0.090	0.334	3	494708.896	9160804.136	530.376
61261041	Pass	0.108	0.088	0.340	3	494725.383	9160593.472	513.278
61261189	Pass	0.115	0.087	0.349	3	494681.234	9160451.630	496.634
61261349	Pass	0.114	0.086	0.348	3	494690.439	9160427.926	496.466
61268984	Pass	0.099	0.081	0.332	3	494855.064	9160217.991	499.107
61269126	Pass	0.108	0.081	0.328	3	494777.414	9160099.018	529.011
61269281	Pass	0.093	0.078	0.328	3	494909.877	9159992.832	503.475
61273931	Pass	0.076	0.075	0.299	3	495337.962	9160298.850	512.321
61276630	Pass	0.110	0.079	0.344	3	494854.769	9159812.743	490.405
61276789	Pass	0.101	0.077	0.336	3	494916.674	9159769.447	491.387
61276955	Pass	0.091	0.076	0.324	3	494993.800	9159688.551	502.715
61284462	Pass	0.090	0.078	0.313	3	495091.581	9159459.049	526.906
61284515	Pass	0.131	0.106	0.561	2	495101.229	9159352.315	517.910
61284628	Pass	0.104	0.081	0.324	3	494994.498	9159279.523	521.942
61285107	Pass	0.220	0.121	0.606	2	494816.817	9159390.645	517.690
61291576	Pass	0.094	0.080	0.333	3	495180.346	9159080.949	492.571
61291728	Pass	0.099	0.080	0.336	3	495140.800	9159006.950	489.324
61291888	Pass	0.100	0.081	0.333	3	495143.111	9158893.701	496.383
61298329	Pass	0.100	0.081	0.329	3	495255.304	9158678.536	520.882
61298444	Pass	0.112	0.083	0.335	3	495175.234	9158649.591	527.851
61298580	Pass	0.093	0.080	0.317	3	495325.322	9158509.785	528.786
61304600	Pass	0.109	0.084	0.319	3	495305.746	9158285.180	550.900
61304676	Pass	0.101	0.082	0.310	3	495364.832	9158298.381	558.585
61304807	Pass	0.098	0.081	0.311	3	495398.831	9158180.955	536.176
61310782	Pass	0.119	0.084	0.337	3	495380.316	9157926.066	509.171
61310930	Pass	0.114	0.083	0.327	3	495423.393	9157785.081	515.803
61311069	Pass	0.110	0.085	0.321	3	495452.539	9157699.052	531.591
61317444	Pass	0.102	0.082	0.311	3	495605.984	9157547.101	547.516
61317552	Pass	0.101	0.081	0.312	3	495616.678	9157488.028	537.132
61317699	Pass	0.092	0.081	0.304	3	495700.209	9157359.559	541.273
61324238	Pass	0.101	0.082	0.318	3	495726.920	9157173.096	518.295
61324400	Pass	0.095	0.080	0.309	3	495774.387	9157124.164	532.171
61324537	Pass	0.093	0.080	0.308	3	495796.893	9157064.311	530.970
61331686	Pass	0.132	0.088	0.569	2	495798.902	9156854.531	501.364
61331800	Pass	0.116	0.091	0.572	2	495866.786	9156779.979	491.876
61331828	Pass	0.118	0.106	0.566	2	495859.588	9156672.348	516.722
61335664	Pass	0.237	0.127	0.614	2	493663.187	9184159.418	433.086

61335748	Pass	0.208	0.125	0.607	2	493769.670	9184235.848	428.408
61335824	Pass	0.224	0.144	0.615	2	493722.778	9184375.647	435.932
61338642	Pass	0.112	0.109	0.565	2	494264.706	9184210.110	453.593
61338807	Pass	0.119	0.116	0.568	2	494259.036	9184308.677	457.600
61338903	Pass	0.126	0.133	0.578	2	494256.760	9184422.555	447.650
61341252	Pass	0.136	0.111	0.572	2	494622.083	9184243.877	457.075
61341412	Pass	0.152	0.124	0.573	2	494685.886	9184345.938	482.513
61341572	Pass	0.155	0.142	0.569	2	494671.921	9184448.740	511.508
61348013	Pass	0.090	0.082	0.330	3	494574.823	9183651.743	422.899
61356630	Pass	0.061	0.066	0.265	3	494957.912	9183037.605	426.630
61357197	Pass	0.084	0.076	0.306	3	494926.675	9183553.399	403.338
61358091	Pass	0.069	0.078	0.290	3	495075.574	9183507.543	398.466
61365099	Pass	0.061	0.067	0.268	3	495094.696	9183024.167	422.606
61377558	Pass	0.070	0.072	0.298	3	494629.707	9181972.633	482.440
61377579	Pass	0.078	0.077	0.288	3	494535.673	9181928.606	522.995
61380840	Pass	0.132	0.087	0.308	3	493890.751	9181402.461	555.113
61380915	Pass	0.124	0.081	0.305	3	493930.780	9181467.428	545.320
61381000	Pass	0.144	0.082	0.317	3	493820.755	9181515.686	536.524
61381564	Pass	0.146	0.082	0.524	2	494090.034	9181419.183	539.841
61384011	Pass	0.067	0.071	0.289	3	494482.150	9181459.207	468.837
61384171	Pass	0.065	0.065	0.278	3	494509.952	9181595.100	490.484
61385837	Pass	0.088	0.068	0.295	3	494863.025	9181453.396	436.553
61385864	Pass	0.087	0.063	0.292	3	494858.093	9181574.450	434.939
61386023	Pass	0.139	0.087	0.571	2	494859.289	9181654.889	429.487
61386711	Pass	0.103	0.062	0.294	3	494995.653	9181626.677	437.491
61388186	Pass	0.125	0.086	0.314	3	493944.314	9181047.840	555.610
61388345	Pass	0.135	0.082	0.315	3	493885.088	9181182.711	565.612
61389406	Pass	0.105	0.076	0.302	3	494074.925	9181238.217	551.426
61389856	Pass	0.099	0.078	0.301	3	494119.989	9181104.970	542.661
61391015	Pass	0.072	0.069	0.299	3	494383.408	9181242.982	500.815
61391173	Pass	0.071	0.076	0.284	3	494374.347	9181406.753	506.813
61391300	Pass	0.076	0.069	0.288	3	494297.070	9181559.282	492.032
61391508	Pass	0.070	0.076	0.298	3	494465.174	9181015.803	508.006
61391669	Pass	0.068	0.068	0.303	3	494508.906	9181181.275	477.757
61393242	Pass	0.091	0.070	0.312	3	494880.296	9181043.243	461.734
61393439	Pass	0.089	0.064	0.310	3	494873.000	9181278.945	453.928
61393899	Pass	0.113	0.071	0.313	3	495054.515	9181021.039	474.204
61395275	Pass	0.133	0.084	0.323	3	493915.935	9180686.741	571.433
61395419	Pass	0.129	0.082	0.320	3	493933.571	9180764.261	568.651
61396192	Pass	0.100	0.077	0.312	3	494135.846	9180726.832	551.638
61396275	Pass	0.099	0.077	0.311	3	494137.475	9180747.617	550.692
61396941	Pass	0.083	0.077	0.316	3	494291.376	9180650.978	528.403
61397147	Pass	0.082	0.072	0.306	3	494286.970	9180835.212	540.462
61397430	Pass	0.081	0.078	0.299	3	494280.981	9181034.226	526.052
61397812	Pass	0.073	0.074	0.331	3	494446.449	9180665.080	483.213
61398165	Pass	0.072	0.069	0.311	3	494439.488	9180858.627	514.963
61400269	Pass	0.090	0.072	0.323	3	494862.868	9180642.836	499.331
61400583	Pass	0.096	0.064	0.336	3	494914.066	9180878.928	463.503
61400986	Pass	0.102	0.071	0.314	3	494959.457	9180653.139	524.104
61402472	Pass	0.143	0.087	0.329	3	493876.698	9180259.511	565.724
61402581	Pass	0.186	0.143	0.554	2	493994.687	9180265.072	559.051

61402633	Pass	0.132	0.080	0.334	3	493943.251	9180422.276	535.272
61402686	Pass	0.124	0.080	0.327	3	493990.086	9180375.170	541.145
61404257	Pass	0.083	0.079	0.315	3	494305.669	9180232.155	524.294
61404422	Pass	0.083	0.072	0.315	3	494298.411	9180435.083	517.626
61404587	Pass	0.105	0.142	0.559	2	494294.418	9180651.276	528.617
61404731	Pass	0.104	0.121	0.541	2	494292.861	9180734.126	539.966
61405276	Pass	0.102	0.096	0.545	2	494312.067	9180466.096	516.074
61407412	Pass	0.084	0.072	0.323	3	494824.222	9180275.110	484.264
61407564	Pass	0.083	0.066	0.318	3	494824.330	9180460.079	489.034
61408164	Pass	0.103	0.070	0.313	3	495010.188	9180290.364	518.675
61409946	Pass	0.186	0.127	0.529	2	493985.349	9179944.208	565.329
61410117	Pass	0.119	0.079	0.301	3	494003.802	9180038.146	557.871
61410774	Pass	0.113	0.086	0.304	3	494058.425	9179841.695	549.171
61411824	Pass	0.083	0.074	0.298	3	494307.754	9179962.604	523.091
61411894	Pass	0.083	0.074	0.300	3	494311.177	9179976.964	516.620
61413036	Pass	0.077	0.073	0.322	3	494385.747	9180344.082	492.212
61413207	Pass	0.070	0.072	0.286	3	494613.375	9179887.658	539.541
61415401	Pass	0.144	0.118	0.568	2	494918.966	9180347.129	509.004
61417260	Pass	0.131	0.093	0.323	3	493997.491	9179481.251	616.541
61417363	Pass	0.125	0.088	0.319	3	494029.204	9179544.879	609.983
61417420	Pass	0.142	0.088	0.330	3	493935.559	9179600.666	606.668
61418980	Pass	0.086	0.079	0.297	3	494328.979	9179544.372	596.127
61419363	Pass	0.086	0.075	0.309	3	494322.001	9179690.794	565.810
61419908	Pass	0.075	0.072	0.295	3	494475.007	9179634.731	573.215
61424778	Pass	0.138	0.107	0.344	3	494018.719	9179098.765	647.476
61424844	Pass	0.131	0.103	0.335	3	494052.718	9179126.989	651.434
61424938	Pass	0.147	0.097	0.347	3	493966.449	9179280.509	645.591
61426689	Pass	0.089	0.082	0.307	3	494338.102	9179293.853	632.005
61427325	Pass	0.082	0.086	0.301	3	494447.986	9179130.565	633.834
61428178	Pass	0.076	0.080	0.297	3	494583.157	9179161.722	615.450
61432329	Pass	0.143	0.117	0.358	3	494053.902	9178823.881	690.456
61432650	Pass	0.161	0.112	0.367	3	493969.033	9178942.944	684.711
61433820	Pass	0.096	0.097	0.329	3	494351.186	9178845.351	658.675
61434443	Pass	0.095	0.104	0.336	3	494377.014	9178756.742	654.000
61434776	Pass	0.090	0.089	0.323	3	494391.744	9178970.336	647.513
61439630	Pass	0.256	0.241	0.722	2	494021.213	9178350.792	642.382
61439660	Pass	0.227	0.214	0.679	2	494069.930	9178399.715	661.317
61439777	Pass	0.257	0.173	0.655	2	493971.205	9178548.261	673.641
61439937	Pass	0.225	0.143	0.627	2	494037.729	9178644.906	675.661
61440098	Pass	0.146	0.127	0.369	3	494049.026	9178737.962	688.897
61452701	Pass	0.117	0.101	0.505	2	493683.742	9169641.859	500.713
61453170	Pass	0.107	0.089	0.302	3	493604.606	9169907.241	506.539
61453331	Pass	0.110	0.089	0.307	3	493585.500	9169815.692	494.936
61453761	Pass	0.135	0.110	0.518	2	493610.407	9169445.283	491.903
61454284	Pass	0.169	0.107	0.537	2	493471.572	9169607.776	485.185
61459428	Pass	0.089	0.082	0.279	3	493775.500	9170264.801	510.128
61460049	Pass	0.095	0.086	0.288	3	493719.029	9169788.420	507.556
61460185	Pass	0.103	0.086	0.293	3	493639.677	9170273.538	502.921
61460342	Pass	0.095	0.082	0.285	3	493710.625	9170216.250	504.485
61460856	Pass	0.145	0.119	0.527	2	493558.427	9169785.985	493.248
61467481	Pass	0.093	0.085	0.278	3	493761.485	9170680.365	534.792

61467637	Pass	0.100	0.082	0.280	3	493697.718	9170545.310	533.731
61468154	Pass	0.115	0.090	0.288	3	493583.246	9170678.621	547.640
61474873	Pass	0.089	0.082	0.278	3	493825.954	9170921.028	498.163
61475454	Pass	0.101	0.089	0.284	3	493720.620	9171059.119	510.001
61475613	Pass	0.115	0.089	0.294	3	493611.944	9170951.568	502.438
61482677	Pass	0.092	0.088	0.283	3	493818.462	9171415.130	493.678
61482835	Pass	0.093	0.085	0.282	3	493812.585	9171291.051	490.093
61483442	Pass	0.122	0.097	0.296	3	493606.544	9171447.588	501.690
61490658	Pass	0.107	0.093	0.306	3	493752.122	9171793.973	550.062
61490817	Pass	0.090	0.085	0.291	3	493873.488	9171692.892	552.764
61499214	Pass	0.093	0.091	0.318	3	493892.922	9172175.586	511.129
61499375	Pass	0.102	0.089	0.320	3	493816.242	9172083.309	512.053
61499535	Pass	0.102	0.086	0.318	3	493819.171	9171965.262	513.055
61499697	Pass	0.095	0.092	0.302	3	493836.960	9171829.651	544.455
61506298	Pass	0.090	0.090	0.334	3	493957.369	9172558.635	485.730
61507118	Pass	0.130	0.156	0.596	2	493868.520	9172526.528	485.555
61507278	Pass	0.100	0.086	0.329	3	493869.199	9172423.129	500.048
61507439	Pass	0.096	0.083	0.319	3	493892.065	9172331.642	517.667
61515207	Pass	0.091	0.085	0.317	3	493961.886	9172835.075	526.555
61515530	Pass	0.107	0.083	0.341	3	493856.632	9172638.161	491.743
61516021	Pass	0.117	0.094	0.329	3	493788.454	9172892.579	550.697
61523559	Pass	0.098	0.084	0.300	3	493912.192	9173128.507	584.206
61523862	Pass	0.104	0.082	0.310	3	493875.248	9173017.392	565.344
61524333	Pass	0.120	0.089	0.313	3	493776.135	9173136.713	591.980
61531441	Pass	0.099	0.088	0.299	3	493919.013	9173550.719	583.990
61531596	Pass	0.091	0.081	0.296	3	493973.214	9173452.664	560.152
61539974	Pass	0.100	0.087	0.303	3	493934.777	9173879.620	537.541
61540135	Pass	0.084	0.076	0.280	3	494044.733	9173721.106	570.896
61540702	Pass	0.087	0.078	0.295	3	494006.519	9173320.708	550.882
61540803	Pass	0.124	0.092	0.324	3	493800.050	9173887.596	517.815
61548184	Pass	0.088	0.085	0.305	3	494064.422	9174210.853	512.837
61548344	Pass	0.087	0.080	0.303	3	494062.456	9174138.353	510.497
61548505	Pass	0.090	0.078	0.306	3	494033.270	9174050.411	503.810
61556337	Pass	0.100	0.090	0.300	3	494013.023	9174571.448	564.915
61556497	Pass	0.090	0.081	0.298	3	494086.232	9174466.936	541.530
61556657	Pass	0.091	0.079	0.307	3	494066.407	9174338.970	519.506
61564312	Pass	0.103	0.093	0.301	3	494046.255	9174891.868	592.637
61564469	Pass	0.096	0.084	0.298	3	494088.488	9174773.681	572.506
61564639	Pass	0.096	0.082	0.297	3	494080.341	9174674.876	579.248
61572332	Pass	0.097	0.091	0.308	3	494154.306	9175224.693	569.951
61572495	Pass	0.097	0.087	0.301	3	494134.966	9175129.041	576.411
61572651	Pass	0.095	0.085	0.296	3	494140.602	9175047.137	584.394
61580638	Pass	0.117	0.098	0.313	3	494042.949	9175532.270	563.799
61580952	Pass	0.118	0.092	0.315	3	494029.597	9175402.355	557.927
61581446	Pass	0.126	0.103	0.324	3	493994.513	9175576.543	554.268
61588904	Pass	0.108	0.106	0.319	3	494171.695	9175920.412	589.802
61589064	Pass	0.111	0.099	0.328	3	494141.455	9175820.435	559.923
61589225	Pass	0.123	0.097	0.339	3	494055.959	9175675.369	559.819
61596990	Pass	0.131	0.165	0.543	2	494196.193	9176224.453	656.452
61597150	Pass	0.159	0.151	0.561	2	494085.817	9176150.084	638.142
61597310	Pass	0.161	0.125	0.575	2	494078.569	9176024.769	597.659

61626586	Pass	0.063	0.062	0.272	3	495127.942	9183150.794	415.866
61627710	Pass	0.074	0.076	0.293	3	495208.196	9183486.424	398.250
61628351	Pass	0.085	0.101	0.310	3	495299.529	9183684.682	395.607
61632543	Pass	0.060	0.119	0.331	3	495172.711	9182714.775	429.362
61632937	Pass	0.063	0.139	0.349	3	495473.216	9182731.770	408.199
61633062	Pass	0.060	0.068	0.274	3	495394.976	9182901.570	407.410
61633161	Pass	0.062	0.139	0.341	3	495230.813	9182839.916	421.199
61633618	Pass	0.064	0.063	0.281	3	495541.955	9183028.500	402.826
61635743	Pass	0.079	0.087	0.306	3	495633.304	9183462.957	397.301
61635908	Pass	0.075	0.095	0.308	3	495537.547	9183528.372	391.197
61636497	Pass	0.083	0.099	0.314	3	495652.488	9183549.133	394.142
61639825	Pass	0.065	0.074	0.290	3	495897.699	9182760.834	411.589
61640150	Pass	0.062	0.072	0.280	3	495533.225	9182865.329	401.118
61640318	Pass	0.081	0.106	0.516	2	495379.350	9182907.466	412.469
61640350	Pass	0.070	0.067	0.299	3	495957.721	9182916.515	412.409
61640484	Pass	0.066	0.066	0.298	3	495859.501	9182896.489	399.409
61641952	Pass	0.076	0.081	0.331	3	495898.742	9183267.498	396.235
61642559	Pass	0.099	0.097	0.355	3	496120.617	9183360.406	394.791
61643441	Pass	0.086	0.109	0.357	3	495951.129	9183464.040	392.224
61646669	Pass	0.071	0.078	0.283	3	496295.089	9182656.304	442.729
61646812	Pass	0.069	0.074	0.294	3	496158.904	9182685.714	410.980
61649691	Pass	0.098	0.092	0.338	3	496405.344	9183177.688	447.905
61650522	Pass	0.119	0.110	0.358	3	496532.169	9183295.505	463.712
61654449	Pass	0.086	0.086	0.293	3	496695.365	9182703.340	456.150
61655358	Pass	0.086	0.085	0.295	3	496680.441	9182733.150	457.722
61655633	Pass	0.083	0.075	0.296	3	496403.973	9182846.317	460.094
61655916	Pass	0.103	0.093	0.322	3	496785.937	9182887.592	457.048
61656841	Pass	0.113	0.109	0.353	3	496727.286	9183126.165	462.649
61657156	Pass	0.099	0.087	0.332	3	496439.197	9183120.992	450.634
61657413	Pass	0.128	0.119	0.371	3	496829.108	9183171.845	458.242
61661911	Pass	0.118	0.120	0.545	2	497009.790	9182620.284	437.405
61662559	Pass	0.158	0.131	0.575	2	497173.646	9182674.513	429.290
61663315	Pass	0.163	0.127	0.584	2	497169.166	9182771.547	431.516
61664126	Pass	0.224	0.160	0.648	2	497295.308	9183021.936	429.604
61664286	Pass	0.173	0.156	0.611	2	497111.350	9183070.273	435.873
61664606	Pass	0.125	0.108	0.357	3	496870.562	9183061.240	454.827
61664950	Pass	0.226	0.172	0.655	2	497283.796	9183086.482	430.382
61670766	Pass	0.134	0.140	0.621	2	493637.473	9182793.714	457.100
61670885	Pass	0.116	0.134	0.612	2	493705.524	9182775.934	458.291
61671044	Pass	0.082	0.116	0.577	2	493879.060	9182720.144	490.394
61674505	Pass	0.202	0.122	0.647	2	493443.268	9182227.177	469.450
61674665	Pass	0.132	0.103	0.596	2	493660.883	9182276.904	491.556
61674825	Pass	0.121	0.113	0.574	2	493703.288	9182214.990	522.795
61700253	Pass	0.059	0.073	0.316	3	495139.306	9182373.260	425.944
61700921	Pass	0.061	0.073	0.313	3	495077.631	9182374.526	436.997
61703464	Pass	0.081	0.079	0.312	3	494863.276	9181810.526	438.386
61707515	Pass	0.064	0.077	0.332	3	495392.291	9182309.951	412.208
61707723	Pass	0.060	0.074	0.328	3	495534.008	9182270.967	410.680
61710490	Pass	0.073	0.079	0.331	3	495286.914	9181738.749	459.215
61710639	Pass	0.070	0.078	0.326	3	495328.593	9181743.502	462.570
61710895	Pass	0.066	0.086	0.317	3	495389.801	9181667.300	484.126

61713471	Pass	0.060	0.063	0.312	3	495529.235	9181913.001	460.058
61713493	Pass	0.078	0.225	0.585	2	495654.586	9181320.497	514.577
61715089	Pass	0.065	0.078	0.331	3	495752.986	9182210.354	413.496
61715938	Pass	0.062	0.069	0.310	3	495838.271	9182114.094	454.175
61725723	Pass	0.078	0.072	0.328	3	495985.816	9181641.759	475.197
61725850	Pass	0.076	0.082	0.333	3	496019.850	9181540.139	475.215
61728972	Pass	0.088	0.083	0.613	2	496531.491	9181753.381	422.960
70007398	Pass	0.084	0.134	0.330	2	448015.636	9210421.842	518.999
70007560	Pass	0.089	0.136	0.338	3	447843.373	9210396.342	513.745
70007816	Pass	0.122	0.210	0.600	2	447611.687	9210514.373	480.044
70007842	Pass	0.126	0.179	0.589	2	447584.052	9210621.864	488.717
70008101	Pass	0.159	0.171	0.611	2	447445.889	9210666.974	464.960
70008397	Pass	0.084	0.119	0.328	3	447881.033	9210505.400	515.658
70008990	Pass	0.071	0.085	0.301	3	448090.607	9210769.267	532.585
70009355	Pass	0.088	0.107	0.576	2	447779.102	9210908.329	476.979
70009510	Pass	0.100	0.102	0.587	2	447695.084	9210942.491	459.914
70009811	Pass	0.071	0.081	0.304	3	448053.202	9210816.012	519.475
70010248	Pass	0.113	0.086	0.572	2	447615.054	9211060.832	482.033
70010323	Pass	0.074	0.069	0.307	3	448279.858	9211011.665	488.488
70011571	Pass	0.078	0.073	0.295	3	448341.415	9211229.128	509.985
70011701	Pass	0.073	0.086	0.308	3	448244.905	9211394.579	469.293
70011884	Pass	0.100	0.127	0.556	2	448092.855	9211490.530	492.979
70012026	Pass	0.082	0.128	0.564	2	447957.557	9211495.666	476.230
70012186	Pass	0.082	0.127	0.580	2	447810.092	9211484.280	452.662
70013846	Pass	0.076	0.135	0.324	3	448337.465	9210168.459	492.669
70013991	Pass	0.084	0.132	0.330	3	448219.176	9210200.327	471.372
70016065	Pass	0.068	0.078	0.311	3	448497.153	9210630.135	456.124
70016215	Pass	0.068	0.077	0.311	3	448451.746	9210653.945	454.488
70016770	Pass	0.070	0.068	0.309	3	448623.162	9210793.509	452.816
70018430	Pass	0.076	0.074	0.297	3	448725.118	9211089.547	477.216
70018586	Pass	0.069	0.084	0.289	3	448613.693	9211221.806	500.502
70019331	Pass	0.078	0.097	0.293	3	448746.387	9211339.485	494.616
70019646	Pass	0.092	0.091	0.308	3	448490.172	9211446.804	486.422
70020599	Pass	0.071	0.123	0.302	3	448780.196	9210008.079	501.194
70020607	Pass	0.072	0.111	0.299	3	448722.584	9210095.816	495.158
70020755	Pass	0.078	0.112	0.298	3	448625.817	9210095.071	499.139
70021137	Pass	0.072	0.124	0.322	3	448407.596	9210238.330	483.504
70022892	Pass	0.066	0.070	0.299	3	448902.465	9210517.789	443.111
70022901	Pass	0.070	0.069	0.294	3	449020.186	9210516.249	464.585
70023209	Pass	0.066	0.067	0.290	3	448779.153	9210595.853	463.263
70025216	Pass	0.082	0.074	0.297	3	449201.233	9210936.893	453.018
70025377	Pass	0.070	0.073	0.292	3	449049.718	9210922.832	450.964
70025542	Pass	0.066	0.076	0.294	3	448943.018	9210952.061	440.935
70027562	Pass	0.121	0.180	0.543	2	449086.619	9209849.002	527.228
70027719	Pass	0.078	0.121	0.296	3	449006.805	9209851.712	534.902
70028434	Pass	0.068	0.096	0.295	3	449212.988	9210043.688	503.339
70029850	Pass	0.066	0.078	0.296	3	449262.383	9210221.022	471.068
70030006	Pass	0.065	0.072	0.287	3	449198.528	9210293.683	485.741
70030580	Pass	0.067	0.066	0.295	3	449349.724	9210393.873	456.517
70031628	Pass	0.064	0.072	0.286	3	449323.215	9210741.113	459.616
70032087	Pass	0.080	0.067	0.299	3	449559.806	9210648.727	440.670

70032862	Pass	0.084	0.094	0.301	3	449604.317	9210961.706	427.431
70034371	Pass	0.111	0.193	0.607	2	449546.621	9209689.781	512.586
70034402	Pass	0.074	0.124	0.323	3	449520.166	9209712.229	505.531
70034543	Pass	0.080	0.114	0.319	3	449365.605	9209786.669	503.282
70036990	Pass	0.067	0.067	0.312	3	449519.798	9210233.259	456.632
70038963	Pass	0.081	0.077	0.318	3	449931.133	9210612.360	436.137
70039266	Pass	0.064	0.077	0.305	3	449699.255	9210625.385	454.741
70039745	Pass	0.084	0.083	0.319	3	449965.796	9210672.746	435.330
70040951	Pass	0.089	0.137	0.307	2	449807.433	9209514.900	676.569
70041023	Pass	0.086	0.122	0.324	3	449731.121	9209596.140	597.934
70041739	Pass	0.079	0.103	0.313	3	449798.818	9209717.854	594.590
70043165	Pass	0.067	0.068	0.289	3	450012.472	9210016.171	607.642
70043286	Pass	0.071	0.071	0.314	3	449842.254	9210001.623	536.876
70043369	Pass	0.070	0.071	0.311	3	449741.172	9210147.413	477.756
70044005	Pass	0.072	0.066	0.311	3	449794.437	9210238.090	470.424
70044240	Pass	0.073	0.063	0.291	3	450196.821	9210144.932	589.938
70044789	Pass	0.078	0.074	0.309	3	450272.840	9210429.235	516.903
70045087	Pass	0.066	0.083	0.325	3	450094.624	9210504.706	459.945
70045497	Pass	0.082	0.079	0.304	3	450316.680	9210481.103	533.335
70046937	Pass	0.084	0.133	0.327	3	450155.321	9209388.583	638.523
70047022	Pass	0.078	0.129	0.333	3	450246.926	9209414.221	610.699
70049043	Pass	0.071	0.076	0.325	3	450437.002	9209805.816	553.928
70049189	Pass	0.069	0.076	0.324	3	450309.528	9209801.505	555.289
70049333	Pass	0.068	0.068	0.312	3	450248.030	9209912.227	569.774
70051338	Pass	0.068	0.077	0.290	3	450516.786	9210318.252	597.182
70051910	Pass	0.074	0.080	0.281	3	450600.641	9210349.603	627.931
70053400	Pass	0.082	0.142	0.348	3	450546.976	9209213.264	634.004
70053539	Pass	0.085	0.124	0.346	3	450450.030	9209327.224	617.317
70054106	Pass	0.074	0.113	0.328	3	450649.653	9209367.633	646.336
70056477	Pass	0.067	0.068	0.288	3	450779.767	9209753.302	680.792
70056770	Pass	0.066	0.066	0.318	3	450630.886	9209836.556	591.338
70057532	Pass	0.065	0.065	0.312	3	450703.031	9209942.968	593.292
70058022	Pass	0.069	0.067	0.281	3	450868.129	9210028.022	669.129
70058331	Pass	0.064	0.074	0.306	3	450753.347	9210120.843	595.211
70058482	Pass	0.080	0.072	0.303	3	450648.816	9210244.695	575.006
70058802	Pass	0.081	0.083	0.284	3	451020.342	9210218.596	664.653
70060324	Pass	0.081	0.140	0.319	3	450906.460	9209072.620	763.558
70060529	Pass	0.087	0.128	0.329	3	450770.530	9209158.813	719.422
70061077	Pass	0.073	0.102	0.303	3	450977.112	9209301.096	742.691
70062914	Pass	0.066	0.070	0.289	3	450981.863	9209602.564	719.856
70063556	Pass	0.071	0.070	0.286	3	451165.302	9209589.017	729.984
70063739	Pass	0.065	0.067	0.282	3	450981.322	9209667.803	730.396
70065129	Pass	0.073	0.073	0.268	3	451275.430	9209958.037	746.054
70065381	Pass	0.064	0.079	0.266	3	451155.986	9210028.859	743.767
70065920	Pass	0.073	0.079	0.272	3	451276.492	9210032.123	729.136
70067446	Pass	0.087	0.147	0.357	3	451174.649	9208979.751	729.254
70067918	Pass	0.081	0.114	0.335	3	451333.847	9209137.575	736.576
70068037	Pass	0.078	0.106	0.332	3	451233.103	9209194.198	723.118
70070174	Pass	0.080	0.077	0.332	3	451490.874	9209411.874	672.632
70070327	Pass	0.069	0.071	0.306	3	451300.753	9209502.052	713.570
70070932	Pass	0.080	0.069	0.314	3	451589.884	9209668.380	678.384

70071569	Pass	0.077	0.078	0.298	3	451594.571	9209843.909	701.919
70071848	Pass	0.064	0.083	0.279	3	451422.690	9209907.183	745.089
70073694	Pass	0.113	0.271	0.653	2	451539.664	9208826.140	701.966
70073775	Pass	0.105	0.273	0.644	2	451420.475	9208819.028	709.746
70073920	Pass	0.104	0.237	0.628	2	451365.505	9208908.958	709.853
70075937	Pass	0.102	0.130	0.615	2	451599.173	9209217.792	673.758
70076090	Pass	0.088	0.118	0.606	2	451506.149	9209257.276	680.018
70076607	Pass	0.155	0.109	0.625	2	451834.588	9209304.312	661.649
70078245	Pass	0.185	0.103	0.668	2	451940.961	9209681.228	589.703
70078503	Pass	0.110	0.107	0.607	2	451713.060	9209728.812	650.255
70078618	Pass	0.077	0.073	0.304	3	451584.899	9209777.825	690.567
70078941	Pass	0.220	0.129	0.685	2	452037.136	9209775.740	583.246
617034643	Pass	0.090	0.122	0.323	3	494820.193	9181504.793	433.870
617034644	Pass	0.083	0.111	0.319	3	494873.885	9181574.866	431.831
11755188	Tie	0.107	0.096	0.269	3	494841.898	9161771.201	536.211
11755671	Tie	0.077	0.073	0.200	6	495190.436	9161450.259	542.059
11756079	Tie	0.101	0.090	0.324	3	495093.251	9161775.808	512.060
11756477	Tie	0.079	0.075	0.218	4	495281.951	9161405.882	537.658
11756673	Tie	0.083	0.084	0.250	3	495304.985	9161490.193	542.248
11756872	Tie	0.082	0.081	0.239	4	495227.589	9161687.102	530.490
11756940	Tie	0.082	0.083	0.246	4	495259.184	9161753.811	526.784
11756944	Tie	0.081	0.081	0.244	4	495310.561	9161742.419	534.322
11757121	Tie	0.088	0.086	0.314	3	495227.138	9161889.170	513.284
11757996	Tie	0.089	0.077	0.253	4	495402.783	9161779.345	537.862
11758852	Tie	0.074	0.074	0.214	4	495578.675	9161918.424	540.070
11759016	Tie	0.074	0.073	0.201	5	495498.254	9161933.252	536.781
11760060	Tie	0.078	0.074	0.244	4	495600.650	9161959.996	536.297
11761691	Tie	0.070	0.066	0.207	5	496042.265	9162031.584	516.554
11762338	Tie	0.071	0.062	0.198	6	496174.336	9161738.773	552.003
11762668	Tie	0.073	0.066	0.205	5	496161.133	9162106.138	537.374
11762760	Tie	0.071	0.066	0.204	5	496103.554	9162076.278	532.686
11762905	Tie	0.079	0.071	0.203	5	495103.804	9160846.528	530.290
11763278	Tie	0.084	0.081	0.252	3	495052.224	9161187.556	546.762
11763768	Tie	0.069	0.065	0.182	6	495333.233	9161049.273	570.533
11763841	Tie	0.071	0.066	0.184	6	495256.308	9161013.519	561.785
11764560	Tie	0.068	0.063	0.181	6	495491.476	9161097.239	580.355
11767920	Tie	0.065	0.060	0.199	6	496085.341	9161252.373	578.598
11769645	Tie	0.079	0.066	0.247	4	496281.488	9161319.418	562.049
11770295	Tie	0.069	0.063	0.182	6	495262.889	9160552.452	543.230
11770442	Tie	0.072	0.067	0.193	5	495202.912	9160684.095	548.761
11770573	Tie	0.073	0.067	0.194	5	495174.875	9160649.616	544.577
11771910	Tie	0.066	0.062	0.196	5	495537.540	9160729.698	557.749
11772012	Tie	0.065	0.061	0.183	5	495530.168	9160612.232	552.458
11772197	Tie	0.066	0.062	0.189	5	495495.419	9160744.456	550.084
11772711	Tie	0.064	0.061	0.186	5	495656.215	9160708.912	573.559
11773961	Tie	0.065	0.061	0.197	6	495689.778	9161030.776	590.626
11774209	Tie	0.060	0.058	0.203	6	495999.780	9160855.311	556.207
11775039	Tie	0.066	0.058	0.207	6	496187.534	9160895.644	545.454
11775181	Tie	0.063	0.058	0.206	6	496110.484	9160920.686	546.667
11775656	Tie	0.073	0.059	0.210	6	496328.216	9160813.677	547.683
11775807	Tie	0.070	0.059	0.206	6	496269.125	9160939.574	554.338

11776610	Tie	0.081	0.060	0.215	6	496437.278	9160782.757	543.416
11776992	Tie	0.076	0.061	0.212	6	496317.157	9161200.068	552.723
11777212	Tie	0.068	0.063	0.194	5	495384.126	9160135.925	510.437
11777583	Tie	0.069	0.064	0.192	5	495259.841	9160333.522	515.835
11778069	Tie	0.063	0.059	0.173	6	495510.004	9160154.795	530.055
11778718	Tie	0.067	0.061	0.172	7	495334.116	9160688.613	553.056
11779078	Tie	0.060	0.056	0.166	7	495635.307	9160375.959	540.874
11779580	Tie	0.061	0.059	0.182	5	495784.819	9160258.932	551.551
11779762	Tie	0.062	0.059	0.177	5	495777.866	9160288.148	556.227
11779898	Tie	0.061	0.058	0.172	6	495674.693	9160485.537	566.039
11780357	Tie	0.063	0.067	0.280	4	496024.367	9160275.607	532.774
11781326	Tie	0.062	0.060	0.233	5	496085.928	9160451.634	515.653
11781350	Tie	0.062	0.060	0.232	5	496085.510	9160468.596	518.059
11781443	Tie	0.062	0.059	0.230	5	496105.932	9160512.551	522.584
11782076	Tie	0.073	0.061	0.244	5	496312.157	9160445.069	491.571
11782086	Tie	0.074	0.063	0.241	4	496277.173	9160480.071	497.846
11784367	Tie	0.064	0.059	0.173	6	495420.701	9159824.070	506.432
11784409	Tie	0.070	0.063	0.193	4	495419.132	9159877.326	505.847
11784514	Tie	0.070	0.064	0.191	4	495390.518	9159915.513	509.999
11784585	Tie	0.079	0.068	0.227	3	495386.954	9159993.767	517.421
11784794	Tie	0.066	0.059	0.178	7	495317.899	9160165.132	499.834
11785771	Tie	0.059	0.056	0.166	6	495772.038	9159972.128	520.582
11785933	Tie	0.066	0.065	0.199	4	495661.232	9159978.429	512.649
11786484	Tie	0.060	0.058	0.174	5	495890.391	9159876.050	513.829
11786719	Tie	0.063	0.062	0.225	4	495933.462	9160050.927	537.533
11790767	Tie	0.064	0.060	0.171	6	495514.712	9159370.491	484.082
11790828	Tie	0.064	0.059	0.171	6	495487.257	9159452.359	482.330
11790838	Tie	0.064	0.059	0.171	6	495487.180	9159490.417	483.590
11791007	Tie	0.061	0.058	0.168	6	495571.163	9159555.009	486.291
11791504	Tie	0.058	0.056	0.162	6	495760.184	9159444.782	488.657
11791624	Tie	0.059	0.057	0.163	6	495688.290	9159491.338	488.891
11797006	Tie	0.075	0.064	0.189	4	495650.902	9159072.169	505.516
11797164	Tie	0.066	0.063	0.197	4	495631.346	9159281.437	481.545
11797182	Tie	0.067	0.063	0.197	4	495604.460	9159258.211	485.574
11797439	Tie	0.059	0.057	0.161	6	495854.284	9159143.554	480.942
11798638	Tie	0.058	0.056	0.159	6	496040.281	9159212.427	492.226
11798641	Tie	0.059	0.056	0.160	6	496087.536	9159189.468	492.567
11800217	Tie	0.060	0.056	0.188	6	496237.503	9159738.576	466.571
11802337	Tie	0.064	0.060	0.160	6	495754.270	9158745.499	507.167
11802350	Tie	0.065	0.060	0.161	6	495722.281	9158715.876	510.257
11803882	Tie	0.062	0.059	0.168	5	496243.667	9158743.174	483.635
11803987	Tie	0.061	0.057	0.160	6	496223.014	9158835.218	484.680
11804163	Tie	0.056	0.053	0.139	9	496190.422	9158914.732	485.772
11807181	Tie	0.066	0.062	0.201	6	496766.976	9159352.263	488.677
11807980	Tie	0.066	0.061	0.158	6	495847.047	9158346.988	481.591
11807985	Tie	0.065	0.061	0.157	6	495859.535	9158349.398	481.509
11808067	Tie	0.064	0.060	0.158	6	495878.628	9158416.249	480.714
11808252	Tie	0.065	0.062	0.175	5	495787.422	9158618.229	489.881
11808743	Tie	0.058	0.055	0.136	8	496202.495	9158312.876	482.627
11809168	Tie	0.062	0.058	0.173	6	496356.869	9158293.223	475.464
11809242	Tie	0.067	0.058	0.205	6	496266.681	9158452.452	476.455

11810846	Tie	0.064	0.060	0.212	6	496746.783	9158484.358	474.835
11811324	Tie	0.065	0.060	0.210	6	496745.243	9158821.857	479.163
11811402	Tie	0.066	0.060	0.211	6	496764.909	9158879.125	479.509
11812968	Tie	0.065	0.059	0.141	7	496003.340	9157954.462	485.409
11813058	Tie	0.081	0.073	0.222	3	495920.755	9158104.274	510.824
11813795	Tie	0.058	0.055	0.126	9	496319.432	9158066.688	475.375
11814221	Tie	0.057	0.054	0.135	9	496189.854	9158504.537	476.091
11814391	Tie	0.060	0.059	0.201	6	496509.290	9158095.282	473.733
11814405	Tie	0.057	0.055	0.126	9	496414.021	9158069.135	474.106
11814742	Tie	0.056	0.054	0.135	9	496310.132	9158537.941	478.603
11816074	Tie	0.088	0.068	0.248	4	496997.997	9158156.820	477.444
11816801	Tie	0.064	0.062	0.215	6	496735.831	9158660.321	477.372
11816866	Tie	0.085	0.064	0.214	6	497082.026	9158125.366	483.089
11819371	Tie	0.071	0.059	0.191	6	496284.133	9157712.590	520.856
11820726	Tie	0.061	0.059	0.200	6	496567.144	9157773.895	481.528
11822865	Tie	0.083	0.063	0.220	6	497071.633	9157749.245	470.785
11822866	Tie	0.086	0.063	0.222	6	497103.075	9157717.862	473.244
11823054	Tie	0.072	0.063	0.215	6	496942.673	9157828.741	471.667
11823394	Tie	0.069	0.061	0.208	6	496877.359	9158070.080	471.748
11826770	Tie	0.058	0.056	0.138	9	496506.687	9157381.757	491.673
11827348	Tie	0.061	0.060	0.193	6	496709.373	9157315.973	494.522
11827445	Tie	0.061	0.060	0.193	6	496704.198	9157357.644	495.903
11829442	Tie	0.086	0.064	0.219	6	497143.606	9157352.453	477.655
11829475	Tie	0.089	0.064	0.220	6	497174.830	9157343.581	483.398
11829591	Tie	0.088	0.064	0.221	6	497168.255	9157540.959	469.494
11832971	Tie	0.058	0.057	0.144	8	496602.240	9156954.448	485.561
11832973	Tie	0.059	0.057	0.144	8	496657.918	9156935.880	487.319
11833571	Tie	0.064	0.068	0.223	5	496832.521	9156808.493	492.320
11833737	Tie	0.062	0.064	0.219	5	496706.307	9156883.409	486.992
11834032	Tie	0.062	0.062	0.199	6	496759.355	9157183.812	480.578
11835537	Tie	0.077	0.063	0.203	6	497102.471	9157156.479	485.105
11835954	Tie	0.096	0.070	0.244	5	497270.781	9156940.606	497.023
11836070	Tie	0.090	0.070	0.268	4	497185.972	9157112.870	489.172
11836153	Tie	0.083	0.066	0.224	5	497160.775	9157145.618	486.932
11837803	Tie	0.062	0.059	0.141	6	496461.967	9156397.372	485.554
11838981	Tie	0.059	0.057	0.136	7	496691.976	9156504.197	484.222
11839352	Tie	0.058	0.057	0.144	8	496586.847	9156946.933	485.162
11839540	Tie	0.062	0.058	0.139	7	496862.023	9156575.087	488.148
11841046	Tie	0.081	0.067	0.211	5	497203.695	9156782.384	494.014
11841391	Tie	0.093	0.073	0.259	4	497307.534	9156611.359	487.220
11841430	Tie	0.089	0.072	0.254	4	497275.484	9156629.191	489.179
11841653	Tie	0.093	0.073	0.255	4	497299.483	9156807.606	493.563
11843559	Tie	0.065	0.061	0.157	6	496485.266	9155983.511	475.052
11843775	Tie	0.066	0.060	0.157	6	496436.296	9156121.774	474.894
11845082	Tie	0.062	0.059	0.148	6	496894.727	9156270.050	475.920
11848873	Tie	0.063	0.060	0.158	6	496691.003	9155621.163	507.008
11848954	Tie	0.064	0.060	0.159	6	496615.177	9155707.923	500.386
11848960	Tie	0.063	0.060	0.158	6	496652.912	9155757.832	492.597
11849423	Tie	0.066	0.060	0.157	6	496446.906	9156089.496	475.012
11850640	Tie	0.064	0.060	0.154	6	497083.016	9155732.145	487.417
11850773	Tie	0.063	0.060	0.155	6	497032.555	9155859.105	477.127

11850935	Tie	0.065	0.062	0.166	5	497084.869	9155922.595	479.938
11851138	Tie	0.065	0.060	0.151	6	497039.095	9156106.319	477.123
11855271	Tie	0.065	0.061	0.184	6	496765.707	9155282.327	484.251
11855306	Tie	0.068	0.063	0.196	5	496710.806	9155313.428	483.749
11855359	Tie	0.069	0.067	0.218	4	496676.456	9155386.198	485.617
11856635	Tie	0.063	0.060	0.174	6	496999.647	9155392.406	497.892
11857154	Tie	0.067	0.062	0.178	6	497207.345	9155347.728	504.745
11857249	Tie	0.072	0.065	0.190	5	497244.168	9155491.852	493.742
11861531	Tie	0.066	0.062	0.198	6	496875.797	9154896.601	498.023
11861541	Tie	0.067	0.063	0.204	6	496886.104	9154810.053	484.810
11863535	Tie	0.070	0.064	0.199	6	497321.476	9155059.073	502.206
11863694	Tie	0.068	0.065	0.205	5	497214.747	9155135.542	497.325
11867704	Tie	0.070	0.065	0.215	5	496897.907	9154598.289	489.363
11867778	Tie	0.070	0.065	0.215	5	496886.983	9154660.099	486.625
11867781	Tie	0.070	0.065	0.215	5	496881.754	9154651.438	487.921
11867892	Tie	0.066	0.063	0.201	6	496905.717	9154837.699	487.747
11869272	Tie	0.069	0.064	0.201	6	497368.757	9154600.573	501.028
11869437	Tie	0.074	0.067	0.211	5	497417.801	9154687.120	501.342
11869615	Tie	0.070	0.065	0.203	6	497385.815	9154785.234	507.294
11873980	Tie	0.066	0.061	0.193	6	497108.173	9154252.186	496.286
11876087	Tie	0.067	0.064	0.200	6	497437.657	9154410.490	493.325
11880607	Tie	0.062	0.058	0.165	6	497199.073	9153782.268	507.001
11880708	Tie	0.062	0.058	0.165	6	497214.077	9153780.136	504.329
11881142	Tie	0.067	0.061	0.193	6	497059.283	9154120.095	495.835
11881216	Tie	0.067	0.062	0.192	6	497057.516	9154243.349	508.649
11881249	Tie	0.061	0.058	0.162	6	497277.633	9153718.091	511.765
11882614	Tie	0.063	0.062	0.183	5	497634.169	9153811.057	469.381
11882772	Tie	0.066	0.062	0.186	6	497648.393	9154000.341	472.105
11883023	Tie	0.066	0.063	0.189	6	497649.942	9154037.793	469.759
11883092	Tie	0.069	0.063	0.198	6	497563.805	9154210.601	485.061
11883210	Tie	0.069	0.064	0.200	6	497546.714	9154319.716	486.164
11887264	Tie	0.058	0.056	0.145	6	497303.848	9153382.675	462.204
11887352	Tie	0.061	0.058	0.168	5	497281.740	9153278.933	459.327
11887550	Tie	0.060	0.056	0.147	6	497267.411	9153537.648	483.549
11889430	Tie	0.059	0.057	0.156	6	497762.102	9153461.652	461.432
11889538	Tie	0.060	0.058	0.160	6	497742.792	9153590.922	466.341
11889543	Tie	0.060	0.059	0.161	6	497723.120	9153637.085	466.264
11893828	Tie	0.058	0.056	0.155	6	497414.508	9153002.456	454.948
11893848	Tie	0.061	0.057	0.158	6	497314.599	9153107.424	456.764
11893879	Tie	0.059	0.056	0.156	6	497372.423	9153087.170	455.365
11895896	Tie	0.058	0.055	0.156	6	497896.562	9153063.574	451.299
11896131	Tie	0.059	0.056	0.157	6	497894.976	9153234.362	451.877
11896219	Tie	0.059	0.058	0.175	5	497825.057	9153312.356	452.761
11899584	Tie	0.064	0.061	0.185	5	497466.341	9152560.548	475.082
11899743	Tie	0.059	0.057	0.159	6	497491.331	9152729.740	463.885
11899894	Tie	0.061	0.058	0.161	6	497425.651	9152754.538	471.359
11901785	Tie	0.057	0.055	0.149	6	497993.338	9152778.458	464.511
11902082	Tie	0.058	0.056	0.168	5	497955.885	9152910.625	465.218
11902522	Tie	0.059	0.055	0.151	6	498031.601	9152740.158	459.650
11905720	Tie	0.075	0.069	0.213	4	497573.676	9152183.845	550.097
11906516	Tie	0.072	0.066	0.192	4	497709.708	9152250.372	545.177

11908062	Tie	0.061	0.058	0.175	6	498097.592	9152350.425	474.554
11908209	Tie	0.060	0.057	0.175	6	498090.046	9152450.837	466.676
11909153	Tie	0.062	0.059	0.184	5	498100.011	9152549.713	459.213
11912512	Tie	0.073	0.066	0.196	6	497679.937	9151880.566	503.104
11912529	Tie	0.073	0.066	0.196	6	497736.600	9151813.134	502.311
11912765	Tie	0.073	0.065	0.191	6	497662.808	9151936.704	523.823
11913067	Tie	0.066	0.063	0.188	5	497663.304	9152227.063	546.866
11914149	Tie	0.064	0.061	0.182	6	498029.448	9151979.958	509.118
11914920	Tie	0.067	0.063	0.200	5	498180.073	9152020.285	488.574
11914938	Tie	0.067	0.064	0.201	5	498183.325	9151999.993	490.280
11919488	Tie	0.077	0.070	0.205	6	497865.950	9151442.239	487.683
11921939	Tie	0.071	0.065	0.202	6	498248.197	9151718.239	476.930
11922568	Tie	0.076	0.067	0.210	6	498399.986	9151590.390	463.944
11922682	Tie	0.074	0.067	0.227	5	498339.964	9151785.529	447.591
11926392	Tie	0.079	0.071	0.194	6	497944.195	9151200.272	507.538
11926778	Tie	0.075	0.068	0.199	6	497882.297	9151528.369	499.809
11926981	Tie	0.077	0.071	0.195	6	498023.156	9151136.177	486.409
11927759	Tie	0.074	0.069	0.196	6	498212.618	9151323.623	482.667
11928337	Tie	0.077	0.070	0.193	6	498440.300	9151213.344	500.496
11929376	Tie	0.081	0.071	0.208	5	498458.090	9151347.845	488.886
11933055	Tie	0.081	0.075	0.200	5	498062.306	9150832.450	482.708
11933583	Tie	0.081	0.074	0.207	5	497896.545	9151230.545	496.564
11934514	Tie	0.074	0.071	0.173	6	498295.377	9150950.641	498.369
11935182	Tie	0.076	0.070	0.177	6	498487.142	9150939.805	483.757
11939344	Tie	0.073	0.074	0.181	5	498179.190	9150320.368	479.377
11939431	Tie	0.075	0.072	0.165	6	498138.086	9150479.174	496.314
11939672	Tie	0.088	0.076	0.209	4	498128.201	9150558.083	476.170
11940484	Tie	0.076	0.074	0.198	5	498196.456	9150658.024	433.053
11940949	Tie	0.071	0.069	0.171	6	498443.250	9150573.048	431.810
11941445	Tie	0.069	0.066	0.162	6	498596.108	9150477.086	467.825
11942104	Tie	0.076	0.071	0.179	6	498454.361	9150998.665	482.210
11945866	Tie	0.068	0.070	0.175	5	498265.786	9150006.923	520.381
11946034	Tie	0.073	0.073	0.185	5	498176.399	9150081.252	497.771
11946581	Tie	0.065	0.067	0.171	5	498353.825	9149974.925	518.168
11948024	Tie	0.063	0.061	0.156	6	498745.673	9150143.580	487.164
11948195	Tie	0.063	0.064	0.157	6	498657.613	9150245.991	481.954
11948821	Tie	0.065	0.060	0.163	6	498840.585	9150076.074	470.116
11949389	Tie	0.074	0.067	0.176	6	498732.594	9150492.135	431.089
11952407	Tie	0.062	0.064	0.164	6	498397.928	9149591.855	438.788
11952484	Tie	0.063	0.064	0.160	6	498356.292	9149737.011	456.350
11952486	Tie	0.068	0.067	0.171	5	498341.285	9149732.581	465.289
11952917	Tie	0.058	0.061	0.160	6	498497.318	9149593.490	437.497
11954348	Tie	0.057	0.055	0.153	6	498817.793	9149746.942	439.319
11954403	Tie	0.057	0.056	0.152	6	498801.674	9149839.652	442.425
11955129	Tie	0.059	0.056	0.164	5	498929.848	9149720.552	461.913
11958913	Tie	0.064	0.064	0.179	6	498503.395	9149181.488	469.607
11959003	Tie	0.065	0.064	0.178	6	498429.835	9149343.154	459.579
11959423	Tie	0.060	0.060	0.172	6	498558.313	9149287.534	462.809
11960594	Tie	0.056	0.053	0.165	6	498935.707	9149322.868	469.684
11960598	Tie	0.055	0.053	0.161	6	498909.436	9149373.803	479.793
11960768	Tie	0.056	0.054	0.171	6	498932.931	9149496.167	435.174

11964888	Tie	0.067	0.065	0.189	6	498641.447	9148823.082	486.077
11965035	Tie	0.070	0.066	0.193	6	498503.852	9148972.913	477.431
11966199	Tie	0.070	0.068	0.205	3	498837.524	9148985.225	512.980
11966708	Tie	0.060	0.056	0.173	6	498999.036	9148936.710	497.426
11971127	Tie	0.087	0.075	0.233	4	498705.709	9148528.784	473.514
11971193	Tie	0.080	0.073	0.224	5	498637.690	9148555.501	480.477
11971768	Tie	0.075	0.071	0.215	6	498805.126	9148438.133	448.649
11972380	Tie	0.065	0.062	0.184	6	498642.365	9148956.427	480.970
11972588	Tie	0.070	0.064	0.206	6	499026.411	9148571.474	452.143
11973239	Tie	0.059	0.057	0.186	5	498885.164	9149098.480	476.602
11973353	Tie	0.073	0.063	0.212	6	499202.032	9148565.544	443.494
11974460	Tie	0.070	0.061	0.210	6	499190.120	9148672.979	447.487
11978086	Tie	0.085	0.080	0.220	5	498784.426	9148188.008	500.175
11978257	Tie	0.079	0.073	0.233	5	498703.852	9148475.212	456.867
11978686	Tie	0.081	0.075	0.208	6	498977.607	9148172.081	480.902
11979393	Tie	0.082	0.074	0.211	6	499151.567	9148158.850	456.233
11980915	Tie	0.088	0.074	0.220	6	499360.808	9148182.216	444.003
11985295	Tie	0.092	0.085	0.230	5	498721.875	9148021.652	503.782
11985310	Tie	0.091	0.084	0.229	5	498730.800	9148037.359	505.542
11986283	Tie	0.090	0.084	0.188	6	499142.057	9147760.521	468.200
11992186	Tie	0.108	0.101	0.223	4	499084.298	9147301.089	506.202
11993433	Tie	0.094	0.088	0.153	6	499417.145	9147414.911	491.273
11993460	Tie	0.095	0.088	0.154	6	499416.743	9147392.698	490.734
12006643	Tie	0.100	0.096	0.265	4	499455.216	9146977.384	486.395
12018224	Tie	0.065	0.061	0.182	6	496257.898	9157027.942	488.313
12018371	Tie	0.076	0.060	0.192	6	496225.781	9157300.832	500.738
12023066	Tie	0.059	0.058	0.145	8	496498.977	9157430.819	495.199
12023146	Tie	0.060	0.057	0.145	8	496584.679	9157267.118	490.566
12024066	Tie	0.063	0.063	0.207	5	496326.447	9156871.907	483.321
12024461	Tie	0.065	0.065	0.205	5	496195.672	9157196.977	511.805
12024627	Tie	0.065	0.064	0.209	5	496224.938	9156916.765	488.169
12024655	Tie	0.068	0.068	0.229	4	496244.487	9156901.799	488.727
12024981	Tie	0.065	0.062	0.171	6	496159.089	9157268.257	512.679
12026689	Tie	0.062	0.060	0.199	6	496500.511	9157634.300	484.997
12030199	Tie	0.059	0.056	0.142	8	496549.962	9157766.382	479.858
12030753	Tie	0.058	0.056	0.124	9	496352.335	9157706.724	510.640
12030851	Tie	0.059	0.056	0.124	9	496291.521	9157655.502	515.852
12031808	Tie	0.066	0.060	0.146	7	496016.220	9157855.905	489.708
12031811	Tie	0.068	0.061	0.165	6	496052.266	9157887.306	487.130
12031943	Tie	0.071	0.061	0.165	6	495994.272	9157772.898	500.638
12032236	Tie	0.067	0.065	0.177	5	496073.914	9157567.070	517.760
12032289	Tie	0.343	0.170	1.077	2	496078.656	9157467.650	522.042
12037675	Tie	0.057	0.055	0.126	9	496420.778	9158065.181	473.899
12046233	Tie	0.065	0.061	0.210	6	496766.570	9158409.049	486.310
12050037	Tie	0.062	0.059	0.205	5	496249.877	9159122.432	497.727
12051710	Tie	0.071	0.062	0.215	6	496857.828	9158943.338	481.609
12053785	Tie	0.065	0.063	0.197	6	496748.835	9159431.229	503.969
12054590	Tie	0.062	0.060	0.201	6	496649.031	9159293.485	466.211
12060917	Tie	0.065	0.063	0.204	5	496693.204	9159803.274	463.279
12061084	Tie	0.062	0.060	0.192	6	496631.098	9159706.583	460.949
12061149	Tie	0.061	0.059	0.191	6	496590.571	9159615.543	461.675

12062232	Tie	0.059	0.057	0.186	6	496400.225	9159639.965	471.338
12063230	Tie	0.059	0.057	0.186	6	496333.616	9159721.270	468.799
12068000	Tie	0.060	0.058	0.180	6	496499.645	9160031.867	459.344
12068411	Tie	0.060	0.059	0.180	6	496453.299	9160193.430	460.531
12068628	Tie	0.058	0.056	0.170	7	496316.620	9160060.700	462.260
12069172	Tie	0.066	0.064	0.224	4	496276.428	9160032.636	463.726
12076008	Tie	0.063	0.059	0.175	6	496588.583	9160452.148	463.966
12160672	Tie	0.083	0.066	0.225	5	495372.778	9160879.204	570.662
12161555	Tie	0.075	0.067	0.223	4	495547.072	9160970.492	581.830
12168639	Tie	0.070	0.060	0.205	6	496209.399	9161262.601	562.405
12169809	Tie	0.087	0.068	0.241	5	495415.322	9161342.818	549.583
12169877	Tie	0.084	0.070	0.221	5	495390.870	9161390.203	544.143
12170554	Tie	0.067	0.064	0.197	6	495665.896	9161426.194	572.947
12171748	Tie	0.063	0.061	0.195	6	495960.663	9161245.375	587.303
12176175	Tie	0.076	0.069	0.225	5	495496.649	9161528.696	561.661
12177639	Tie	0.067	0.064	0.225	5	495941.867	9161534.649	549.972
12178739	Tie	0.074	0.060	0.209	6	496285.527	9161284.132	557.931
12179508	Tie	0.077	0.071	0.219	5	495528.331	9161685.018	557.876
12179672	Tie	0.075	0.071	0.195	6	495436.046	9161785.736	540.548
12182867	Tie	0.075	0.064	0.218	5	496222.383	9161700.399	560.342
12183265	Tie	0.090	0.066	0.270	4	496299.272	9161553.779	572.636
12185688	Tie	0.090	0.078	0.253	4	495408.817	9161940.123	524.932
12187065	Tie	0.075	0.076	0.266	3	495782.605	9161964.312	517.235
12187075	Tie	0.077	0.078	0.272	3	495849.126	9162070.493	507.785
12375700	Tie	0.064	0.061	0.176	5	495649.095	9159089.919	504.329
12403023	Tie	0.075	0.071	0.219	4	496033.774	9157557.538	517.202
12412177	Tie	0.065	0.064	0.210	5	496212.491	9157126.249	495.752
12425523	Tie	0.062	0.058	0.139	7	496872.994	9156452.335	488.916
12426890	Tie	0.067	0.067	0.189	4	496355.641	9156526.586	488.119
12432123	Tie	0.061	0.059	0.147	6	496824.688	9156261.481	477.781
12436608	Tie	0.062	0.059	0.141	6	496486.576	9156450.980	478.777
12450959	Tie	0.070	0.064	0.200	6	497344.267	9154982.914	503.077
12498897	Tie	0.068	0.067	0.213	4	497552.285	9152359.692	524.435
12513203	Tie	0.073	0.067	0.194	6	497899.710	9151637.635	516.942
12529163	Tie	0.084	0.091	0.259	3	498094.646	9150824.468	492.739
12536445	Tie	0.076	0.073	0.168	6	498090.007	9150447.607	495.925
12562145	Tie	0.065	0.058	0.205	5	499089.238	9149014.180	470.806
12583354	Tie	0.095	0.089	0.206	5	498920.877	9147694.883	508.889
12583356	Tie	0.095	0.092	0.224	4	498913.592	9147689.441	510.214
12583388	Tie	0.095	0.090	0.222	4	499059.653	9147665.929	476.866
12586252	Tie	0.094	0.088	0.205	5	498946.821	9147707.562	504.231
12593650	Tie	0.104	0.100	0.224	4	498990.208	9147300.856	493.114
12604531	Tie	0.194	0.113	0.565	2	494779.246	9161930.415	513.333
12604606	Tie	0.181	0.108	0.565	2	494817.481	9162009.892	500.245
12604699	Tie	0.134	0.102	0.389	3	494823.880	9162141.239	465.059
12605872	Tie	0.086	0.088	0.332	3	495258.470	9162099.623	496.400
12605972	Tie	0.088	0.090	0.350	3	495220.088	9162308.598	468.885
12606839	Tie	0.113	0.107	0.489	2	495573.321	9162277.483	501.589
12607051	Tie	0.114	0.075	0.323	3	495761.995	9162190.578	500.154
12607112	Tie	0.110	0.077	0.321	3	495719.213	9162272.714	493.774
12611029	Tie	0.093	0.092	0.362	3	495148.723	9162286.228	453.698

12716930	Tie	0.065	0.061	0.174	5	495362.312	9170161.316	480.895
12717648	Tie	0.062	0.060	0.165	5	495195.443	9170168.535	490.578
12739345	Tie	0.071	0.067	0.210	3	495252.437	9171760.103	467.204
12739351	Tie	0.062	0.060	0.173	5	495221.939	9171750.813	465.067
12739852	Tie	0.066	0.062	0.185	4	495112.591	9171765.301	466.623
12749989	Tie	0.074	0.063	0.189	4	495103.392	9172434.848	462.585
12755304	Tie	0.060	0.057	0.144	6	495383.929	9172736.685	456.246
12755652	Tie	0.064	0.061	0.179	4	495106.729	9172721.765	454.676
12760217	Tie	0.062	0.059	0.136	6	495525.987	9173084.091	466.248
12766006	Tie	0.064	0.061	0.166	4	495223.950	9173495.774	502.546
12766027	Tie	0.059	0.056	0.136	6	495225.769	9173535.409	496.256
12771412	Tie	0.060	0.056	0.147	6	495322.012	9173890.439	479.751
12771437	Tie	0.065	0.061	0.169	4	495251.175	9173877.779	485.322
12776426	Tie	0.075	0.062	0.185	4	495248.819	9174348.373	491.615
12776514	Tie	0.062	0.057	0.156	6	495255.721	9174272.149	485.695
12776547	Tie	0.062	0.057	0.156	6	495253.573	9174273.289	485.846
12781082	Tie	0.063	0.059	0.163	6	495499.804	9174640.020	491.415
12786316	Tie	0.064	0.060	0.168	6	495494.011	9175037.185	467.146
12786747	Tie	0.064	0.061	0.170	5	495333.286	9175030.407	498.633
12791756	Tie	0.069	0.063	0.172	5	495329.416	9175445.924	503.161
12795901	Tie	0.071	0.068	0.190	4	495716.924	9175796.488	491.206
12797119	Tie	0.071	0.068	0.179	4	495362.386	9175806.749	551.865
12808846	Tie	0.069	0.065	0.177	5	495689.135	9176486.497	519.599
12809667	Tie	0.068	0.065	0.170	5	495536.446	9176493.777	546.533
12809915	Tie	0.070	0.065	0.181	5	495413.655	9176837.485	538.092
12810326	Tie	0.069	0.066	0.169	5	495414.659	9176489.130	557.420
12814047	Tie	0.067	0.063	0.195	5	495720.211	9177184.776	466.746
12815291	Tie	0.068	0.064	0.184	5	495597.283	9176888.271	509.782
12815305	Tie	0.072	0.066	0.201	4	495590.845	9176873.055	513.855
12816006	Tie	0.073	0.067	0.198	4	495443.582	9176878.325	525.847
12820936	Tie	0.063	0.059	0.175	6	495696.458	9177560.102	478.118
12821069	Tie	0.067	0.067	0.202	4	495607.991	9177619.421	491.304
12821405	Tie	0.077	0.069	0.219	3	495587.157	9177261.211	505.864
12821713	Tie	0.067	0.063	0.191	5	495560.871	9177639.440	473.461
12821734	Tie	0.071	0.065	0.206	4	495454.945	9177633.729	471.174
12827155	Tie	0.064	0.061	0.170	4	495845.793	9177993.260	543.909
12827858	Tie	0.061	0.058	0.164	5	495729.316	9177995.387	528.884
12828636	Tie	0.061	0.058	0.157	6	495536.504	9177972.115	506.984
12828868	Tie	0.062	0.058	0.159	6	495531.816	9177890.713	508.078
12833391	Tie	0.061	0.055	0.147	6	495961.324	9178273.811	528.434
12834484	Tie	0.068	0.066	0.201	3	495803.433	9177970.777	540.112
12834724	Tie	0.058	0.055	0.145	6	495691.507	9178379.057	511.739
12834875	Tie	0.062	0.061	0.161	4	495666.647	9178275.453	518.922
12835574	Tie	0.061	0.059	0.156	5	495496.812	9178344.547	519.106
12835980	Tie	0.063	0.060	0.173	5	495473.795	9178030.560	489.287
12840073	Tie	0.060	0.056	0.155	6	495984.820	9178726.964	526.165
12840824	Tie	0.060	0.057	0.160	5	495888.247	9178711.455	529.166
12841678	Tie	0.057	0.055	0.150	6	495670.066	9178781.118	537.618
12842527	Tie	0.063	0.058	0.159	5	495554.847	9178679.924	540.220
12842617	Tie	0.059	0.058	0.157	5	495573.780	9178645.941	538.120
12847520	Tie	0.060	0.059	0.166	5	495875.524	9179007.606	547.433

12848220	Tie	0.057	0.056	0.160	6	495722.340	9179186.641	536.847
12848899	Tie	0.062	0.059	0.173	5	495591.083	9179205.260	552.253
12849052	Tie	0.058	0.055	0.154	6	495589.272	9179082.527	564.913
12849194	Tie	0.072	0.060	0.175	4	495562.411	9179071.892	567.269
12854301	Tie	0.063	0.060	0.187	5	495956.221	9179454.230	464.016
12854915	Tie	0.057	0.056	0.171	6	495804.061	9179518.269	494.354
12855077	Tie	0.057	0.056	0.168	6	495789.392	9179409.105	509.277
12855526	Tie	0.057	0.055	0.155	6	495726.524	9179038.492	554.840
12855683	Tie	0.059	0.057	0.178	5	495658.498	9179576.918	510.216
12855857	Tie	0.058	0.055	0.166	6	495601.111	9179485.983	523.341
12856167	Tie	0.063	0.060	0.185	4	495622.627	9179185.453	550.710
12860360	Tie	0.061	0.059	0.167	6	496064.703	9179918.278	527.413
12861074	Tie	0.058	0.057	0.165	6	495945.478	9179936.113	514.163
12861345	Tie	0.059	0.059	0.178	5	495893.540	9179837.271	511.854
12862707	Tie	0.059	0.057	0.175	5	495632.307	9179950.036	501.100
12862889	Tie	0.059	0.057	0.179	5	495621.461	9179817.430	483.458
12863062	Tie	0.059	0.057	0.178	5	495643.454	9179789.781	485.985
12863224	Tie	0.059	0.057	0.177	5	495611.956	9179592.774	517.054
12868123	Tie	0.058	0.057	0.168	6	495915.358	9180260.981	463.762
12868835	Tie	0.057	0.055	0.163	6	495790.885	9180377.169	480.255
12868892	Tie	0.059	0.058	0.180	5	495871.716	9180198.346	476.863
12869526	Tie	0.058	0.054	0.160	6	495632.906	9180332.318	503.715
12869532	Tie	0.058	0.054	0.162	6	495666.825	9180366.092	490.853
12869727	Tie	0.058	0.054	0.161	6	495683.654	9180251.817	503.669
12874857	Tie	0.059	0.056	0.162	6	496060.215	9180729.017	445.701
12875659	Tie	0.057	0.054	0.157	6	495905.953	9180727.540	461.050
12875711	Tie	0.059	0.056	0.166	5	495905.115	9180740.997	461.925
12875774	Tie	0.057	0.053	0.156	6	495771.404	9180681.804	471.631
12876470	Tie	0.057	0.054	0.157	6	495745.763	9180627.535	473.765
12876504	Tie	0.058	0.053	0.157	6	495721.811	9180645.068	474.091
12881572	Tie	0.057	0.054	0.157	6	496011.654	9181196.390	458.296
12882428	Tie	0.059	0.054	0.163	5	495810.963	9181179.582	480.871
12882507	Tie	0.061	0.059	0.192	4	495899.855	9181045.043	460.917
12883262	Tie	0.058	0.054	0.162	5	495741.967	9181055.109	474.401
12883331	Tie	0.062	0.054	0.169	5	495716.980	9181095.842	482.089
12883403	Tie	0.059	0.054	0.164	5	495679.612	9181007.653	472.411
12883672	Tie	0.077	0.070	0.268	2	495726.122	9180720.931	484.993
12887352	Tie	0.063	0.059	0.238	5	496206.182	9181540.040	463.561
12888583	Tie	0.059	0.057	0.178	5	496137.201	9181359.065	465.140
12889029	Tie	0.058	0.055	0.169	5	495925.240	9181471.183	487.466
12889266	Tie	0.058	0.055	0.170	5	495944.391	9181376.422	480.806
12889646	Tie	0.059	0.055	0.168	5	495822.430	9181535.194	500.584
12889661	Tie	0.059	0.056	0.169	5	495832.085	9181550.206	500.145
12889830	Tie	0.062	0.058	0.185	4	495762.939	9181433.686	503.977
12895022	Tie	0.066	0.077	0.258	3	496122.531	9181914.214	446.970
12895189	Tie	0.065	0.065	0.238	3	496054.877	9181700.192	471.602
12895888	Tie	0.068	0.071	0.243	3	495957.297	9181854.753	465.226
12896683	Tie	0.081	0.073	0.251	3	495723.079	9181903.869	460.478
12896716	Tie	0.079	0.078	0.259	3	495754.871	9181963.880	441.619
12935900	Tie	0.061	0.057	0.156	6	495497.686	9172329.713	456.123
12942775	Tie	0.061	0.058	0.148	6	495502.117	9172731.230	449.109

12942778	Tie	0.061	0.058	0.148	6	495504.882	9172730.013	449.100
12942821	Tie	0.061	0.058	0.147	6	495502.774	9172682.218	458.234
12948841	Tie	0.062	0.059	0.135	6	495520.869	9173106.955	468.823
12948887	Tie	0.065	0.061	0.148	5	495528.649	9173064.551	463.986
12954735	Tie	0.065	0.061	0.151	5	495554.871	9173451.248	484.954
12965332	Tie	0.069	0.063	0.180	4	495480.105	9173873.630	467.656
12965655	Tie	0.066	0.062	0.172	5	495589.911	9174221.581	480.181
12970861	Tie	0.069	0.063	0.185	5	495680.110	9174586.392	467.609
12970925	Tie	0.069	0.064	0.190	4	495491.107	9174590.872	489.955
12977069	Tie	0.064	0.060	0.168	6	495493.912	9175057.727	465.801
12982955	Tie	0.068	0.065	0.183	5	495644.780	9175422.329	463.425
12983017	Tie	0.067	0.064	0.178	5	495475.572	9175444.632	466.515
12983083	Tie	0.066	0.063	0.173	5	495356.856	9175424.943	489.636
12988502	Tie	0.068	0.065	0.172	5	495645.138	9175781.320	504.158
12994565	Tie	0.068	0.065	0.173	5	495647.324	9175771.442	501.015
12994995	Tie	0.070	0.068	0.172	4	495554.207	9176079.237	581.370
12995090	Tie	0.069	0.068	0.167	4	495420.942	9176150.616	608.396
12995170	Tie	0.080	0.079	0.198	2	495499.946	9176088.005	589.938
13001811	Tie	0.072	0.065	0.184	5	495835.656	9176479.273	511.873
13016232	Tie	0.067	0.062	0.194	5	495674.251	9177285.463	474.697
13023331	Tie	0.067	0.060	0.188	6	495802.399	9177203.965	454.127
13037934	Tie	0.065	0.061	0.176	4	495510.313	9178443.989	528.554
13047422	Tie	0.067	0.070	0.226	4	495198.741	9178383.906	557.732
13052522	Tie	0.073	0.071	0.191	4	494784.729	9178917.671	640.317
13053108	Tie	0.076	0.069	0.215	3	494883.924	9179245.067	572.546
13053672	Tie	0.070	0.070	0.214	3	494916.614	9179069.043	611.449
13060961	Tie	0.067	0.062	0.196	4	495012.956	9179561.691	556.226
13061409	Tie	0.067	0.065	0.228	3	495186.582	9179365.809	557.212
13067860	Tie	0.068	0.063	0.194	4	494972.509	9179491.192	559.590
13068133	Tie	0.063	0.061	0.190	4	495050.462	9179758.116	542.570
13068915	Tie	0.067	0.066	0.218	3	495162.584	9179763.087	537.236
13069175	Tie	0.064	0.061	0.192	4	495130.422	9179888.274	527.434
13074990	Tie	0.075	0.066	0.222	3	494894.499	9180246.967	506.074
13076014	Tie	0.075	0.074	0.232	2	495010.828	9180306.306	520.495
13076024	Tie	0.066	0.060	0.186	4	495069.029	9180241.440	532.345
13097446	Tie	0.069	0.063	0.198	3	494970.689	9181405.736	444.288
13097701	Tie	0.073	0.071	0.227	2	495023.280	9181654.708	430.095
13109375	Tie	0.078	0.080	0.216	6	494524.812	9183893.609	434.279
13113068	Tie	0.078	0.078	0.201	6	493716.671	9183485.143	439.139
13113233	Tie	0.081	0.080	0.202	5	493700.307	9183520.993	445.002
13113672	Tie	0.096	0.100	0.252	5	493661.001	9183934.390	437.798
13114015	Tie	0.069	0.071	0.218	6	493959.633	9183373.877	421.987
13114548	Tie	0.092	0.098	0.244	5	493837.785	9183975.229	432.576
13115207	Tie	0.082	0.086	0.230	6	493976.008	9183841.819	422.019
13115515	Tie	0.062	0.064	0.231	6	494297.430	9183395.908	410.812
13115643	Tie	0.071	0.072	0.222	6	494137.345	9183618.952	421.763
13115645	Tie	0.065	0.066	0.230	6	494281.525	9183512.695	415.321
13116166	Tie	0.085	0.092	0.225	6	494135.261	9184005.262	449.390
13116854	Tie	0.078	0.083	0.215	6	494432.849	9183929.924	442.834
13117928	Tie	0.066	0.062	0.215	6	494764.018	9183511.715	406.768
13118086	Tie	0.069	0.067	0.217	6	494771.926	9183621.490	411.983

13118704	Tie	0.088	0.094	0.242	5	494677.000	9184051.648	429.083
13118741	Tie	0.066	0.059	0.216	6	494820.151	9183422.404	402.364
13119224	Tie	0.078	0.081	0.214	6	494805.237	9183878.037	418.732
13119256	Tie	0.083	0.084	0.219	6	494899.550	9183895.696	422.983
13120401	Tie	0.070	0.071	0.179	7	493750.761	9183055.003	436.481
13121118	Tie	0.062	0.066	0.161	9	493826.298	9182971.674	434.490
13121274	Tie	0.062	0.065	0.162	9	493909.521	9183117.856	423.468
13122938	Tie	0.063	0.088	0.297	4	494231.409	9183087.913	427.946
13123008	Tie	0.059	0.063	0.177	5	494269.668	9183114.815	429.070
13123580	Tie	0.052	0.054	0.145	8	494348.088	9182993.953	453.244
13125219	Tie	0.058	0.055	0.195	6	494792.208	9183101.746	431.916
13125222	Tie	0.059	0.065	0.236	5	494735.287	9183071.498	437.566
13125341	Tie	0.060	0.067	0.235	5	494777.147	9183027.230	443.628
13133016	Tie	0.047	0.047	0.126	9	494670.298	9182843.937	464.671
13133615	Tie	0.045	0.045	0.116	9	494901.283	9182730.112	458.088
13134615	Tie	0.046	0.046	0.119	9	494987.780	9182847.692	439.309
13140336	Tie	0.050	0.051	0.176	6	494754.455	9182447.592	490.220
13142782	Tie	0.092	0.087	0.224	4	493840.615	9181783.508	522.888
13142834	Tie	0.093	0.100	0.272	4	493874.636	9181847.583	531.720
13142950	Tie	0.092	0.092	0.266	4	493863.291	9181925.841	537.456
13143145	Tie	0.085	0.073	0.238	5	493893.698	9182100.440	554.878
13144407	Tie	0.096	0.070	0.326	4	493963.767	9182358.937	538.566
13144416	Tie	0.100	0.075	0.337	3	493940.191	9182365.332	535.212
13145313	Tie	0.062	0.065	0.195	6	494277.950	9181870.171	532.770
13145345	Tie	0.062	0.068	0.198	6	494298.038	9181812.542	524.284
13145807	Tie	0.060	0.059	0.241	5	494312.976	9182190.203	568.159
13145915	Tie	0.064	0.059	0.241	5	494251.227	9182260.371	574.236
13146176	Tie	0.056	0.060	0.173	6	494500.271	9181841.239	526.117
13147525	Tie	0.060	0.067	0.279	3	494643.213	9182247.338	513.758
13147530	Tie	0.050	0.051	0.172	6	494627.942	9182254.863	519.469
13147657	Tie	0.060	0.065	0.275	3	494619.546	9182272.377	522.534
13148107	Tie	0.051	0.052	0.177	6	494714.774	9182017.617	475.337
13148482	Tie	0.050	0.050	0.173	6	494694.941	9182363.874	505.965
13148597	Tie	0.050	0.050	0.176	6	494777.258	9182415.438	487.255
13148964	Tie	0.053	0.051	0.154	6	495029.075	9181914.143	423.824
13149611	Tie	0.054	0.053	0.155	6	495059.494	9181839.385	425.464
13186165	Tie	0.059	0.056	0.170	6	495149.466	9179942.112	520.915
13192661	Tie	0.062	0.060	0.177	5	494975.180	9179542.018	559.101
13194286	Tie	0.068	0.068	0.224	3	495096.226	9179332.116	561.805
13201342	Tie	0.063	0.061	0.184	5	495118.740	9179267.703	573.482
13201883	Tie	0.078	0.091	0.263	2	495108.120	9178907.049	611.706
13209367	Tie	0.064	0.063	0.178	5	495007.589	9179010.712	616.076
13425365	Tie	0.062	0.062	0.162	6	441902.630	9214534.802	450.079
13440190	Tie	0.058	0.060	0.171	6	442885.997	9214057.855	442.159
13456049	Tie	0.063	0.064	0.193	4	443927.037	9213596.070	470.442
13463056	Tie	0.060	0.062	0.194	5	444332.216	9213525.385	451.107
13464074	Tie	0.056	0.057	0.179	6	444442.428	9213297.567	454.539
13469524	Tie	0.060	0.061	0.199	5	444771.109	9213277.587	448.395
13471779	Tie	0.058	0.060	0.195	5	444566.375	9212901.351	460.028
13476394	Tie	0.079	0.084	0.290	2	445109.743	9213179.684	477.680
13477036	Tie	0.057	0.058	0.184	6	444988.516	9213047.782	454.227

13484530	Tie	0.058	0.059	0.194	5	445529.353	9212819.969	463.470
13484579	Tie	0.055	0.057	0.177	6	445566.699	9212729.464	481.633
13485005	Tie	0.056	0.056	0.182	6	445316.656	9212710.898	451.085
13485052	Tie	0.059	0.059	0.194	5	445352.205	9212783.246	460.744
13485290	Tie	0.054	0.056	0.182	6	445513.393	9212600.472	454.357
13485362	Tie	0.054	0.056	0.181	6	445511.313	9212592.308	456.637
13493451	Tie	0.057	0.059	0.183	5	445763.526	9212433.014	478.696
13493595	Tie	0.054	0.057	0.167	6	445890.255	9212323.857	488.455
13499257	Tie	0.058	0.058	0.170	5	446194.024	9212469.077	477.394
13499371	Tie	0.056	0.057	0.156	6	446403.442	9212413.826	461.442
13500212	Tie	0.056	0.057	0.158	6	446247.225	9212240.289	464.738
13500751	Tie	0.057	0.059	0.176	5	445980.291	9212248.341	482.703
13500759	Tie	0.057	0.059	0.174	5	446023.615	9212225.654	490.905
13501141	Tie	0.059	0.059	0.172	5	446269.279	9212136.091	455.854
13506522	Tie	0.058	0.057	0.151	6	446548.078	9212282.200	447.666
13506819	Tie	0.058	0.058	0.153	6	446796.528	9212232.317	442.471
13507304	Tie	0.058	0.057	0.153	6	446489.803	9212187.404	437.789
13507619	Tie	0.058	0.058	0.151	6	446722.464	9212115.649	463.346
13508136	Tie	0.066	0.063	0.202	4	446448.972	9212053.052	438.342
13508257	Tie	0.061	0.063	0.170	5	446511.448	9211983.863	454.867
13508260	Tie	0.061	0.063	0.170	5	446549.557	9211979.690	454.017
13508439	Tie	0.058	0.059	0.153	6	446595.345	9211976.017	464.888
13512982	Tie	0.062	0.063	0.172	5	447020.243	9212271.823	460.882
13513308	Tie	0.064	0.067	0.179	5	447226.226	9212228.684	473.942
13514077	Tie	0.060	0.060	0.162	6	447130.965	9212100.666	466.689
13514863	Tie	0.060	0.060	0.161	6	447076.404	9211883.736	474.789
13515253	Tie	0.064	0.063	0.169	5	446850.440	9211875.273	490.207
13515385	Tie	0.063	0.063	0.170	5	446883.985	9211858.861	487.119
13515547	Tie	0.064	0.063	0.174	5	447039.218	9211744.779	489.876
13515549	Tie	0.061	0.061	0.164	6	447019.236	9211799.473	467.007
13521196	Tie	0.063	0.062	0.180	6	447568.778	9211879.476	457.347
13521933	Tie	0.062	0.062	0.177	6	447501.809	9211737.267	466.059
13522301	Tie	0.064	0.064	0.176	5	447133.524	9211682.802	494.757
13522457	Tie	0.066	0.066	0.182	5	447248.489	9211652.217	494.226
13522496	Tie	0.069	0.073	0.200	4	447289.066	9211671.731	486.885
13522762	Tie	0.064	0.066	0.185	5	447473.953	9211641.040	493.519
13527281	Tie	0.066	0.067	0.200	5	447828.498	9211974.924	443.660
13527496	Tie	0.064	0.063	0.186	6	448018.226	9211798.430	450.817
13528324	Tie	0.063	0.062	0.186	6	448006.979	9211733.929	446.645
13529144	Tie	0.062	0.061	0.185	6	447854.890	9211590.011	444.455
13529655	Tie	0.066	0.065	0.188	5	447636.840	9211518.081	493.195
13529716	Tie	0.071	0.072	0.204	4	447634.177	9211530.853	492.017
13529841	Tie	0.066	0.067	0.191	5	447666.819	9211437.428	481.312
13529897	Tie	0.069	0.075	0.210	4	447719.006	9211475.518	458.373
13529975	Tie	0.062	0.063	0.183	6	447834.909	9211424.643	455.329
13529998	Tie	0.063	0.064	0.186	6	447767.143	9211408.261	445.165
13534821	Tie	0.061	0.063	0.176	6	448407.927	9211665.361	470.391
13535646	Tie	0.060	0.060	0.172	6	448333.150	9211471.989	470.891
13536921	Tie	0.065	0.065	0.193	5	448007.860	9211337.190	458.483
13537210	Tie	0.060	0.061	0.172	6	448161.544	9211262.125	482.104
13537231	Tie	0.060	0.060	0.169	6	448196.183	9211303.771	491.816

13542199	Tie	0.058	0.059	0.153	6	448761.111	9211463.400	498.081
13543767	Tie	0.056	0.057	0.149	6	448708.029	9211279.513	495.962
13543773	Tie	0.056	0.057	0.149	6	448605.165	9211183.489	507.873
13544108	Tie	0.061	0.063	0.178	5	448243.017	9211162.780	488.619
13544114	Tie	0.064	0.067	0.186	4	448288.741	9211189.475	504.799
13544411	Tie	0.061	0.063	0.167	5	448440.312	9211102.345	509.729
13544604	Tie	0.056	0.058	0.150	6	448540.117	9211070.709	510.100
13550508	Tie	0.060	0.063	0.177	4	449067.812	9211119.292	437.867
13551257	Tie	0.053	0.055	0.138	6	449024.171	9210957.495	438.384
13551258	Tie	0.060	0.067	0.175	4	448966.993	9210983.390	442.479
13551766	Tie	0.057	0.059	0.160	5	448680.524	9210976.049	478.529
13551887	Tie	0.057	0.059	0.163	5	448768.958	9210972.193	454.454
13557053	Tie	0.049	0.051	0.128	8	449540.792	9211165.829	435.977
13558709	Tie	0.058	0.062	0.181	4	449398.809	9210844.666	431.204
13559101	Tie	0.053	0.054	0.133	6	449033.782	9210817.830	457.424
13559121	Tie	0.051	0.052	0.127	7	449049.467	9210813.213	458.920
13561653	Tie	0.059	0.063	0.210	6	449962.301	9211453.399	427.066
13564039	Tie	0.047	0.048	0.121	9	449720.661	9211050.357	425.136
13564180	Tie	0.048	0.049	0.141	8	449816.593	9211061.404	425.650
13564337	Tie	0.046	0.047	0.131	9	449903.204	9210989.569	444.400
13566798	Tie	0.060	0.092	0.226	5	450119.227	9211792.482	424.891
13566927	Tie	0.060	0.085	0.223	5	450377.953	9211780.100	422.518
13567353	Tie	0.053	0.060	0.159	6	450704.741	9211596.598	468.971
13567512	Tie	0.056	0.080	0.213	6	450094.662	9211675.234	428.286
13568030	Tie	0.052	0.064	0.193	6	450543.240	9211520.045	447.930
13568616	Tie	0.054	0.060	0.233	6	450241.616	9211328.817	439.395
13568735	Tie	0.051	0.057	0.229	6	450349.055	9211279.476	447.487
13568770	Tie	0.052	0.057	0.188	6	450447.195	9211389.312	465.528
13570225	Tie	0.055	0.050	0.230	6	450202.305	9210990.506	460.186
13571224	Tie	0.045	0.046	0.134	9	450233.733	9210817.368	498.265
13572021	Tie	0.046	0.046	0.136	9	450182.110	9210705.704	482.417
13572410	Tie	0.047	0.046	0.135	9	449718.344	9210710.497	449.263
13572844	Tie	0.048	0.049	0.150	8	450124.630	9210576.609	468.063
13573000	Tie	0.047	0.047	0.137	9	450228.237	9210521.864	500.516
13573570	Tie	0.052	0.055	0.169	7	450009.271	9210353.918	477.688
13573591	Tie	0.051	0.053	0.169	7	449977.856	9210419.145	464.483
13574397	Tie	0.054	0.058	0.171	6	450955.691	9211459.581	485.799
13574544	Tie	0.056	0.056	0.165	6	451062.930	9211354.667	529.804
13575431	Tie	0.057	0.055	0.181	5	450976.050	9211190.175	594.296
13576045	Tie	0.051	0.050	0.175	6	450777.555	9211077.807	553.149
13576197	Tie	0.054	0.051	0.170	6	450920.917	9211107.397	594.041
13577006	Tie	0.051	0.050	0.169	6	450773.298	9210980.853	597.142
13577530	Tie	0.055	0.053	0.214	5	450513.120	9210863.392	554.231
13578376	Tie	0.050	0.051	0.179	6	450511.282	9210804.897	580.508
13579443	Tie	0.048	0.048	0.122	8	450602.797	9210527.025	681.873
13580138	Tie	0.052	0.052	0.150	6	450537.709	9210298.930	601.857
13580695	Tie	0.055	0.055	0.165	5	450215.645	9210308.428	527.303
13580953	Tie	0.054	0.054	0.162	6	450396.265	9210196.781	546.710
13580987	Tie	0.054	0.055	0.161	6	450482.011	9210177.689	556.873
13587397	Tie	0.052	0.052	0.162	6	450809.305	9210219.763	593.076
13587553	Tie	0.052	0.053	0.157	6	450889.760	9210169.206	627.387

13588417	Tie	0.057	0.058	0.175	5	450780.832	9210063.790	613.818
13588511	Tie	0.056	0.056	0.168	5	450834.357	9210023.443	649.995
13595038	Tie	0.057	0.058	0.164	4	451195.116	9210084.021	722.502
13595883	Tie	0.052	0.056	0.146	6	451147.962	9209974.110	756.844
13596029	Tie	0.052	0.055	0.146	6	451128.720	9210014.816	749.678
13603399	Tie	0.056	0.059	0.162	5	451415.274	9209798.438	732.615
13603425	Tie	0.056	0.060	0.163	5	451503.880	9209781.061	721.465
13607452	Tie	0.060	0.058	0.219	4	452118.546	9210202.419	643.612
13608274	Tie	0.061	0.066	0.251	5	452050.646	9209998.052	592.152
13609924	Tie	0.060	0.063	0.181	5	451847.891	9209757.686	616.194
13610367	Tie	0.058	0.060	0.173	5	451666.716	9209780.989	660.205
13610572	Tie	0.060	0.065	0.176	5	451740.405	9209672.640	655.117
13615389	Tie	0.067	0.055	0.238	6	452215.914	9209973.640	570.360
13615520	Tie	0.063	0.060	0.209	5	452159.376	9209958.273	565.122
13616259	Tie	0.060	0.058	0.172	8	452110.657	9209831.366	574.801
13617809	Tie	0.072	0.083	0.218	4	452001.537	9209498.553	601.591
13617836	Tie	0.069	0.076	0.209	4	451988.634	9209554.518	592.274
13617993	Tie	0.070	0.082	0.216	4	452117.624	9209529.648	618.370
13618398	Tie	0.072	0.064	0.237	4	452607.069	9210646.671	658.423
13618614	Tie	0.063	0.071	0.205	4	452897.681	9210576.631	536.827
13619400	Tie	0.059	0.065	0.195	5	452765.207	9210472.292	541.057
13619996	Tie	0.055	0.062	0.207	6	452396.240	9210438.658	661.865
13620428	Tie	0.067	0.063	0.235	6	452838.643	9210312.631	485.836
13620550	Tie	0.065	0.061	0.204	5	452962.759	9210248.262	457.481
13620626	Tie	0.058	0.056	0.181	7	452921.352	9210194.074	458.391
13620880	Tie	0.056	0.056	0.213	6	452405.919	9210326.421	622.746
13621044	Tie	0.061	0.060	0.290	5	452596.165	9210085.467	522.294
13622567	Tie	0.062	0.058	0.240	6	452415.897	9209852.752	553.225
13713864	Tie	0.063	0.067	0.184	5	442116.181	9214457.973	450.090
13739247	Tie	0.064	0.065	0.199	4	444127.191	9213592.478	475.904
13759043	Tie	0.056	0.057	0.181	6	445382.926	9212819.256	460.317
13759773	Tie	0.058	0.060	0.186	6	445464.935	9212976.395	461.692
13766859	Tie	0.057	0.060	0.172	6	446039.265	9212764.722	478.319
13770259	Tie	0.058	0.058	0.173	5	446073.532	9212345.127	490.148
13777145	Tie	0.067	0.067	0.207	3	445992.165	9212247.779	485.176
13785714	Tie	0.060	0.059	0.152	6	446982.508	9212191.035	457.853
13788085	Tie	0.062	0.062	0.191	4	446307.346	9212116.490	456.491
13793407	Tie	0.060	0.060	0.160	6	447038.639	9211912.040	476.761
13800425	Tie	0.063	0.063	0.173	6	447381.810	9211598.099	497.431
13809813	Tie	0.067	0.072	0.210	4	447909.296	9211546.860	460.889
13837488	Tie	0.049	0.052	0.129	8	449510.949	9211190.900	429.452
13839284	Tie	0.065	0.089	0.254	5	449138.597	9209863.773	526.413
13839857	Tie	0.071	0.069	0.234	4	448610.238	9210033.222	507.910
13839881	Tie	0.073	0.069	0.238	4	448585.809	9210022.060	497.017
13840277	Tie	0.061	0.068	0.208	6	449034.543	9210070.147	522.322
13840663	Tie	0.060	0.065	0.184	6	448776.140	9210081.651	487.516
13840857	Tie	0.063	0.062	0.187	6	448616.167	9210201.740	461.490
13841258	Tie	0.059	0.061	0.206	6	449055.380	9210181.536	501.895
13841493	Tie	0.060	0.059	0.187	6	448795.190	9210335.648	457.982
13842060	Tie	0.055	0.055	0.204	6	449138.917	9210361.201	482.233
13842484	Tie	0.053	0.052	0.202	6	449406.708	9210516.922	469.025

13842633	Tie	0.053	0.052	0.198	6	449315.921	9210546.737	479.351
13842795	Tie	0.056	0.054	0.204	6	449189.418	9210457.417	467.739
13843215	Tie	0.056	0.059	0.181	6	448849.661	9210713.936	453.110
13843295	Tie	0.058	0.057	0.179	6	448791.621	9210615.974	465.708
13843335	Tie	0.049	0.049	0.138	8	449556.746	9210639.743	443.142
13843697	Tie	0.050	0.049	0.126	8	449306.424	9210748.593	457.972
13844433	Tie	0.059	0.060	0.175	4	449145.353	9210838.617	472.527
13846736	Tie	0.054	0.053	0.135	7	449086.834	9210947.904	450.352
13847754	Tie	0.064	0.098	0.227	6	449315.012	9209673.712	510.993
13848684	Tie	0.060	0.074	0.217	6	449381.102	9209923.593	474.141
13849992	Tie	0.058	0.066	0.225	6	449644.583	9210098.143	481.642
13850032	Tie	0.058	0.062	0.225	6	449692.002	9210161.962	471.813
13850814	Tie	0.056	0.059	0.202	6	449819.913	9210251.198	472.983
13852514	Tie	0.048	0.048	0.141	9	449781.463	9210543.996	440.916
13854200	Tie	0.047	0.047	0.133	8	450345.604	9210743.874	547.731
13855054	Tie	0.047	0.049	0.139	9	450224.916	9210452.791	504.041
13855461	Tie	0.058	0.057	0.173	5	450016.529	9210386.200	468.965
13868197	Tie	0.056	0.055	0.172	5	450432.051	9210208.128	562.329
13868848	Tie	0.053	0.053	0.159	6	450636.305	9210221.538	567.000
13871409	Tie	0.052	0.052	0.158	6	450973.867	9210326.376	616.209
13876758	Tie	0.065	0.064	0.209	3	450853.305	9210009.028	662.121
13877048	Tie	0.072	0.077	0.240	2	450755.446	9210061.106	607.191
13877493	Tie	0.055	0.056	0.165	5	450864.361	9210021.208	668.833
13902201	Tie	0.069	0.076	0.210	4	451944.191	9209545.379	581.727
14260966	Tie	0.056	0.062	0.173	5	488236.067	9184481.071	555.366
14261608	Tie	0.064	0.071	0.215	4	487858.081	9184607.657	509.730
14261878	Tie	0.064	0.069	0.191	4	488244.416	9184670.923	512.095
14261888	Tie	0.057	0.063	0.177	5	488262.796	9184564.548	534.648
14262856	Tie	0.060	0.065	0.181	5	488331.567	9184660.923	521.654
14269737	Tie	0.056	0.060	0.157	6	488589.913	9184527.731	559.845
14269793	Tie	0.055	0.060	0.157	6	488596.414	9184519.908	561.557
14269946	Tie	0.059	0.066	0.185	4	488550.582	9184486.490	567.136
14275841	Tie	0.058	0.063	0.181	4	488973.779	9184264.301	535.748
14275859	Tie	0.059	0.063	0.178	4	488950.826	9184311.412	539.314
14276579	Tie	0.058	0.063	0.171	5	488978.594	9184474.038	551.818
14276971	Tie	0.058	0.062	0.166	5	488636.033	9184556.276	566.076
14282739	Tie	0.053	0.058	0.159	6	489269.912	9184158.612	549.533
14282875	Tie	0.054	0.059	0.157	6	489268.256	9184224.853	558.184
14283141	Tie	0.056	0.060	0.167	5	489090.088	9184265.761	551.352
14283428	Tie	0.058	0.062	0.160	5	489324.821	9184359.950	594.909
14289923	Tie	0.053	0.057	0.149	6	489609.242	9184089.091	526.773
14289948	Tie	0.053	0.057	0.149	6	489621.601	9184068.884	524.520
14290641	Tie	0.055	0.058	0.150	6	489642.027	9184257.266	546.047
14297071	Tie	0.055	0.060	0.144	5	490048.431	9183902.997	541.581
14297100	Tie	0.053	0.056	0.131	6	489993.039	9184046.296	551.277
14304402	Tie	0.054	0.059	0.150	6	490372.730	9183886.136	535.501
14311851	Tie	0.056	0.063	0.171	6	490696.763	9183826.145	501.149
14311856	Tie	0.055	0.062	0.168	6	490631.098	9183852.446	506.275
14312458	Tie	0.056	0.063	0.172	6	490740.731	9183894.249	504.193
14313235	Tie	0.054	0.058	0.152	6	490272.377	9184128.228	519.250
14318862	Tie	0.061	0.069	0.199	6	491060.828	9183698.410	475.050

14319229	Tie	0.061	0.069	0.199	5	490919.598	9183666.016	480.464
14325934	Tie	0.065	0.076	0.209	6	491454.445	9183621.828	494.685
14325952	Tie	0.066	0.076	0.210	6	491461.396	9183597.663	492.676
14326181	Tie	0.064	0.074	0.211	6	491337.452	9183623.872	474.907
14333128	Tie	0.071	0.083	0.219	6	491801.247	9183496.895	490.964
14333159	Tie	0.072	0.083	0.219	6	491805.870	9183499.774	491.028
14333463	Tie	0.069	0.080	0.215	5	491611.908	9183540.905	509.473
14340268	Tie	0.076	0.088	0.215	6	492137.126	9183363.873	517.233
14340531	Tie	0.074	0.087	0.218	6	492033.739	9183383.831	509.353
14341270	Tie	0.077	0.087	0.218	6	492108.710	9183564.400	505.828
14347408	Tie	0.079	0.089	0.198	6	492474.868	9183310.425	548.258
14347578	Tie	0.079	0.089	0.205	6	492386.006	9183385.826	531.983
14348223	Tie	0.080	0.090	0.203	6	492519.138	9183408.080	525.314
14354763	Tie	0.080	0.089	0.185	6	492814.619	9183234.648	531.349
14354837	Tie	0.080	0.089	0.185	6	492724.922	9183266.800	546.244
14355527	Tie	0.080	0.089	0.189	6	492880.383	9183368.879	520.163
14362076	Tie	0.077	0.084	0.172	6	493206.444	9183066.588	512.804
14362115	Tie	0.077	0.083	0.172	6	493211.748	9183153.390	504.282
14362212	Tie	0.079	0.086	0.173	6	493053.780	9183134.063	518.400
14370242	Tie	0.071	0.077	0.184	6	493576.137	9182970.218	431.790
14370419	Tie	0.072	0.078	0.180	6	493524.774	9183049.187	440.900
14370559	Tie	0.074	0.079	0.172	6	493414.431	9183121.298	484.069
14388814	Tie	0.052	0.054	0.145	8	494304.702	9182848.699	454.524
14388957	Tie	0.055	0.058	0.147	7	494160.359	9182838.881	468.930
14389215	Tie	0.057	0.059	0.150	7	494110.678	9182897.698	459.218
14389751	Tie	0.056	0.058	0.148	7	494156.668	9182918.694	466.054
14390347	Tie	0.054	0.056	0.151	8	494280.515	9183064.974	438.589
14397965	Tie	0.047	0.048	0.125	9	494606.081	9182757.911	480.479
14397971	Tie	0.050	0.051	0.135	7	494482.654	9182771.659	482.232
14398156	Tie	0.049	0.051	0.137	8	494447.673	9182763.930	475.783
14399416	Tie	0.050	0.049	0.136	7	494750.188	9182934.057	457.924
14399421	Tie	0.050	0.050	0.137	7	494688.449	9182939.695	459.313
14399542	Tie	0.049	0.051	0.134	8	494559.948	9182977.913	457.800
14414453	Tie	0.054	0.057	0.171	4	495441.086	9182424.988	412.637
14414609	Tie	0.050	0.052	0.147	5	495263.759	9182543.484	418.614
14415112	Tie	0.048	0.049	0.127	6	494960.248	9182683.085	454.975
14415190	Tie	0.054	0.056	0.170	4	495468.009	9182668.273	409.424
14421162	Tie	0.052	0.053	0.147	6	495818.901	9182436.635	408.469
14421317	Tie	0.051	0.052	0.150	6	495691.447	9182394.748	405.433
14421863	Tie	0.053	0.054	0.148	6	495887.655	9182522.569	410.636
14427822	Tie	0.057	0.058	0.138	6	496237.363	9182205.707	437.514
14427962	Tie	0.056	0.056	0.137	6	496138.957	9182322.741	441.748
14434983	Tie	0.069	0.070	0.155	5	496592.707	9182117.471	430.737
14435153	Tie	0.065	0.066	0.150	5	496500.827	9182144.458	436.758
14442308	Tie	0.098	0.099	0.248	3	496948.925	9182022.642	418.851
14442346	Tie	0.087	0.092	0.227	3	496839.667	9182069.020	431.250
14449367	Tie	0.068	0.077	0.228	5	486146.061	9185224.171	445.997
14449386	Tie	0.068	0.076	0.227	5	486150.047	9185213.750	445.817
14449532	Tie	0.071	0.078	0.227	5	486227.140	9185214.433	448.831
14450252	Tie	0.068	0.075	0.201	6	486532.891	9185029.350	459.316
14450398	Tie	0.069	0.076	0.201	6	486560.411	9185038.396	462.571

14450539	Tie	0.067	0.077	0.217	6	486707.855	9184895.755	470.268
14452766	Tie	0.057	0.059	0.155	7	486162.551	9184660.084	504.133
14454365	Tie	0.055	0.057	0.120	9	486475.444	9184306.864	459.273
14454528	Tie	0.072	0.078	0.217	5	485943.465	9184358.789	559.058
14455332	Tie	0.055	0.057	0.120	9	486464.794	9184281.887	457.888
14456964	Tie	0.061	0.064	0.140	7	486240.402	9184014.062	506.943
14457189	Tie	0.061	0.063	0.137	7	486271.909	9184020.637	513.655
14457784	Tie	0.074	0.095	0.201	6	486946.576	9185077.241	508.437
14458369	Tie	0.070	0.086	0.194	6	486914.939	9184980.924	495.965
14458522	Tie	0.070	0.085	0.194	6	486921.532	9184972.408	493.372
14459918	Tie	0.062	0.064	0.180	6	486800.047	9184666.748	454.193
14461418	Tie	0.054	0.056	0.124	9	486683.403	9184261.495	457.548
14461424	Tie	0.057	0.058	0.155	7	486680.627	9184267.204	457.709
14462041	Tie	0.055	0.057	0.135	8	486695.069	9184221.089	458.692
14462138	Tie	0.055	0.056	0.129	8	486719.610	9184125.003	484.820
14462915	Tie	0.056	0.058	0.128	8	486713.161	9184017.805	503.596
14465433	Tie	0.067	0.089	0.231	5	487256.496	9184769.812	513.882
14465564	Tie	0.069	0.088	0.232	5	487341.312	9184758.027	505.921
14466150	Tie	0.065	0.074	0.191	6	487222.552	9184717.760	479.254
14467155	Tie	0.063	0.065	0.183	6	487210.498	9184567.777	482.193
14467259	Tie	0.061	0.062	0.184	6	487342.465	9184430.717	562.549
14467748	Tie	0.059	0.058	0.182	6	487345.452	9184337.356	553.443
14469967	Tie	0.053	0.057	0.143	8	487154.141	9183864.603	459.441
14470843	Tie	0.056	0.060	0.143	7	487176.268	9183635.431	459.829
14471204	Tie	0.089	0.097	0.321	3	487312.433	9184713.740	480.605
14471510	Tie	0.086	0.106	0.297	3	487355.791	9184820.422	535.510
14471805	Tie	0.078	0.103	0.272	3	487493.378	9184863.156	550.024
14472211	Tie	0.064	0.074	0.204	5	487872.568	9184756.126	499.846
14472798	Tie	0.061	0.069	0.200	5	487827.647	9184608.666	505.701
14472818	Tie	0.070	0.080	0.224	3	487856.722	9184707.521	494.634
14474201	Tie	0.058	0.062	0.172	6	487747.224	9184344.344	567.729
14474830	Tie	0.057	0.059	0.162	6	487727.547	9184274.116	595.054
14475246	Tie	0.055	0.053	0.167	6	487498.447	9184058.186	534.038
14476975	Tie	0.056	0.059	0.155	6	487363.632	9183695.511	464.212
14477103	Tie	0.054	0.058	0.137	7	487401.928	9183587.133	467.190
14477249	Tie	0.052	0.056	0.127	8	487473.507	9183621.973	478.157
14482507	Tie	0.052	0.053	0.150	6	487911.263	9183949.921	546.192
14482615	Tie	0.056	0.054	0.171	5	488037.155	9183992.987	548.113
14482650	Tie	0.053	0.053	0.151	6	487998.869	9184004.783	549.146
14483192	Tie	0.052	0.053	0.159	6	487861.214	9183779.561	501.466
14483335	Tie	0.052	0.053	0.157	6	487952.044	9183821.143	505.983
14483824	Tie	0.054	0.055	0.166	6	487728.806	9183734.229	489.567
14489240	Tie	0.054	0.057	0.159	5	488238.858	9184027.551	544.111
14490424	Tie	0.053	0.054	0.154	6	488429.351	9183863.739	500.370
14490436	Tie	0.055	0.060	0.165	5	488427.309	9183930.911	505.140
14491106	Tie	0.052	0.053	0.150	6	488217.259	9183706.622	495.168
14491189	Tie	0.052	0.053	0.150	6	488321.108	9183747.516	496.855
14491819	Tie	0.055	0.058	0.172	5	488175.148	9183618.735	489.975
14494884	Tie	0.054	0.059	0.162	6	488932.197	9184333.254	543.080
14497880	Tie	0.054	0.056	0.164	5	488560.124	9183748.081	502.815
14497886	Tie	0.053	0.054	0.149	6	488550.501	9183803.020	498.566

14497917	Tie	0.053	0.054	0.149	6	488565.301	9183807.329	499.582
14498877	Tie	0.052	0.055	0.149	6	488639.619	9183611.064	521.222
14499006	Tie	0.072	0.072	0.201	2	488692.004	9183688.444	515.546
14499045	Tie	0.054	0.057	0.154	5	488663.869	9183565.727	538.153
14499787	Tie	0.051	0.055	0.144	6	488613.314	9183554.031	540.773
14507442	Tie	0.053	0.059	0.153	6	488911.859	9183316.315	549.831
14507651	Tie	0.054	0.059	0.153	6	488979.417	9183361.538	560.142
14508235	Tie	0.054	0.061	0.158	6	488931.503	9183245.973	545.507
14515751	Tie	0.061	0.073	0.184	6	489242.346	9183090.504	548.958
14515821	Tie	0.062	0.075	0.188	6	489273.489	9183062.466	544.534
14515855	Tie	0.062	0.072	0.182	6	489312.681	9183144.887	566.856
14524690	Tie	0.056	0.061	0.165	5	490412.866	9184051.991	509.090
14541664	Tie	0.061	0.071	0.203	6	491082.722	9183640.819	472.858
14615498	Tie	0.063	0.066	0.233	5	494064.659	9182675.206	498.438
14616154	Tie	0.068	0.066	0.230	5	493992.354	9182613.692	525.712
14616164	Tie	0.066	0.067	0.232	5	494024.340	9182666.551	510.707
14616913	Tie	0.073	0.065	0.235	5	493948.217	9182429.085	524.913
14618648	Tie	0.077	0.068	0.231	5	493953.250	9182174.874	558.923
14656631	Tie	0.061	0.055	0.267	4	495337.122	9181989.816	438.053
14656774	Tie	0.063	0.060	0.263	4	495603.357	9181671.832	495.755
14657062	Tie	0.068	0.069	0.377	3	495803.535	9181686.496	496.977
14666448	Tie	0.064	0.069	0.258	5	496057.088	9182039.248	449.168
14666550	Tie	0.065	0.067	0.301	4	496106.405	9182007.269	447.540
14672154	Tie	0.071	0.071	0.153	5	496660.232	9182363.717	438.557
14672209	Tie	0.088	0.088	0.416	4	496651.730	9181898.805	417.560
14672417	Tie	0.064	0.086	0.401	4	496386.156	9181938.967	429.710
14672581	Tie	0.056	0.057	0.131	7	496266.584	9182356.431	447.163
14672912	Tie	0.058	0.061	0.233	4	495911.526	9182069.190	471.714
14672939	Tie	0.058	0.061	0.234	4	495944.253	9182053.042	466.193
14679152	Tie	0.105	0.101	0.256	3	497031.417	9182076.283	423.805
14793463	Tie	0.064	0.066	0.191	6	471178.258	9186820.412	463.026
14799839	Tie	0.065	0.065	0.207	5	471380.572	9186794.710	437.714
14806668	Tie	0.067	0.066	0.204	5	471520.149	9186508.836	448.249
14807010	Tie	0.078	0.071	0.224	3	471685.018	9186410.330	459.422
14807127	Tie	0.068	0.064	0.190	6	471792.548	9186293.000	459.386
14807150	Tie	0.069	0.065	0.189	6	471741.325	9186250.587	470.078
14813463	Tie	0.069	0.066	0.178	6	472281.202	9186268.394	460.809
14815241	Tie	0.071	0.068	0.179	6	472085.112	9185954.567	468.957
14820970	Tie	0.069	0.069	0.162	5	472523.526	9185992.530	483.905
14822532	Tie	0.069	0.068	0.158	6	472346.516	9185834.235	484.041
14827862	Tie	0.068	0.068	0.154	6	472531.396	9186057.615	478.028
14829288	Tie	0.068	0.069	0.145	5	472860.335	9185788.630	500.186
14830052	Tie	0.086	0.084	0.190	2	472730.574	9185560.997	507.437
14830089	Tie	0.065	0.067	0.129	6	472812.848	9185621.986	507.837
14837238	Tie	0.064	0.066	0.130	6	472993.814	9185425.089	509.659
14837240	Tie	0.066	0.069	0.142	5	473004.721	9185370.477	513.210
14837398	Tie	0.063	0.065	0.130	6	473092.153	9185362.529	514.003
14843848	Tie	0.061	0.063	0.144	6	473423.283	9185321.451	497.156
14850232	Tie	0.059	0.063	0.142	8	473655.363	9185325.670	483.128
14850588	Tie	0.059	0.064	0.152	8	473913.147	9185261.486	499.386
14850870	Tie	0.059	0.061	0.136	8	473548.112	9185250.396	500.752

14852111	Tie	0.060	0.062	0.152	7	473768.679	9185074.514	499.399
14858603	Tie	0.068	0.076	0.194	4	474182.090	9184860.931	509.861
14866364	Tie	0.066	0.069	0.181	5	474137.257	9184713.254	506.402
14866739	Tie	0.066	0.073	0.183	5	474501.432	9184628.488	483.580
14867436	Tie	0.072	0.099	0.220	6	475355.773	9185479.663	460.850
14867582	Tie	0.071	0.094	0.218	6	475425.980	9185430.518	452.177
14867594	Tie	0.071	0.092	0.215	6	475402.600	9185407.804	459.255
14867847	Tie	0.078	0.110	0.272	5	474983.920	9185575.167	496.376
14868173	Tie	0.072	0.099	0.244	6	475190.885	9185443.960	463.223
14868556	Tie	0.076	0.103	0.267	5	474799.760	9185543.569	501.399
14868959	Tie	0.070	0.083	0.236	6	475105.502	9185285.371	459.043
14869255	Tie	0.066	0.075	0.228	6	475211.553	9185183.625	455.918
14869396	Tie	0.070	0.084	0.240	6	474765.171	9185379.245	484.667
14869895	Tie	0.066	0.070	0.223	6	475138.451	9185087.726	458.779
14870234	Tie	0.070	0.073	0.234	6	474650.957	9185223.552	480.352
14871472	Tie	0.061	0.065	0.174	8	474928.157	9184775.107	474.227
14872189	Tie	0.061	0.065	0.173	8	474824.614	9184811.149	468.148
14872255	Tie	0.061	0.067	0.169	8	474858.906	9184647.909	479.994
14872414	Tie	0.061	0.066	0.174	8	474963.128	9184754.161	479.951
14872733	Tie	0.062	0.066	0.168	8	474579.806	9184639.887	494.223
14872764	Tie	0.061	0.066	0.169	8	474584.705	9184663.724	487.014
14873004	Tie	0.062	0.070	0.170	8	474812.316	9184531.793	476.196
14873138	Tie	0.062	0.069	0.170	8	474780.710	9184575.363	470.774
14874871	Tie	0.072	0.091	0.231	5	475786.297	9185318.329	468.733
14875229	Tie	0.067	0.080	0.214	6	475516.495	9185226.185	461.461
14875410	Tie	0.067	0.081	0.213	6	475591.468	9185242.712	463.862
14876111	Tie	0.065	0.070	0.203	6	475432.676	9185050.811	470.104
14876541	Tie	0.068	0.070	0.226	6	475049.630	9185084.466	459.482
14880653	Tie	0.074	0.086	0.219	3	475031.893	9184345.592	520.714
14880834	Tie	0.074	0.088	0.219	3	475026.496	9184305.197	524.944
14881391	Tie	0.066	0.078	0.193	6	475990.285	9185213.410	457.151
14881450	Tie	0.069	0.074	0.224	4	475919.933	9185126.148	479.580
14881519	Tie	0.066	0.077	0.190	6	476047.872	9185186.893	461.180
14884938	Tie	0.057	0.061	0.130	9	475768.153	9184596.549	498.595
14888443	Tie	0.067	0.073	0.206	4	476155.359	9184995.732	452.877
14888544	Tie	0.064	0.067	0.163	5	476281.933	9184983.669	491.815
14888831	Tie	0.064	0.066	0.161	5	476277.043	9184924.792	495.539
14888871	Tie	0.060	0.067	0.138	7	476510.497	9184900.627	465.503
14889668	Tie	0.059	0.063	0.133	7	476371.084	9184799.791	478.074
14890209	Tie	0.058	0.062	0.140	8	476115.984	9184673.855	486.836
14890526	Tie	0.066	0.070	0.199	4	476244.095	9184571.468	477.294
14890646	Tie	0.061	0.064	0.163	6	475724.735	9184734.986	486.882
14891609	Tie	0.057	0.061	0.130	9	475728.499	9184639.088	493.906
14892073	Tie	0.066	0.066	0.248	5	476083.975	9184336.007	496.594
14892147	Tie	0.066	0.066	0.250	5	476127.306	9184351.011	491.018
14894307	Tie	0.072	0.072	0.229	5	475732.577	9184119.769	509.944
14894411	Tie	0.077	0.084	0.246	5	475787.875	9183945.377	519.452
14895318	Tie	0.080	0.095	0.254	5	475795.343	9183843.544	538.374
14916704	Tie	0.078	0.073	0.270	4	464889.307	9189805.031	495.221
15050546	Tie	0.069	0.074	0.196	5	470833.626	9186948.538	479.896
15056984	Tie	0.074	0.071	0.215	4	471509.558	9186269.577	464.819

15058597	Tie	0.074	0.072	0.235	3	471610.308	9186532.380	459.806
15066169	Tie	0.067	0.064	0.189	6	471892.502	9186383.881	458.668
15066802	Tie	0.069	0.066	0.178	6	472172.823	9186185.203	457.610
15099793	Tie	0.093	0.097	0.248	6	473017.270	9184379.297	537.849
15099831	Tie	0.093	0.098	0.247	6	473024.275	9184366.558	546.369
15100019	Tie	0.095	0.095	0.245	6	472942.108	9184417.320	543.843
15100405	Tie	0.104	0.087	0.256	5	472686.354	9184674.523	585.481
15100466	Tie	0.107	0.087	0.257	5	472650.359	9184700.362	595.684
15100795	Tie	0.083	0.077	0.220	6	473002.223	9184634.790	556.964
15101410	Tie	0.076	0.074	0.218	6	473220.908	9184607.894	516.257
15102210	Tie	0.068	0.066	0.202	6	473313.672	9184789.170	520.892
15103048	Tie	0.065	0.063	0.195	6	473376.048	9184885.816	527.182
15103558	Tie	0.069	0.071	0.182	5	472939.766	9185178.794	562.999
15103899	Tie	0.060	0.061	0.136	8	473337.875	9185180.680	512.532
15104211	Tie	0.064	0.070	0.164	6	473131.057	9185295.769	514.600
15104430	Tie	0.068	0.073	0.189	5	472947.087	9185268.610	530.891
15104476	Tie	0.068	0.073	0.189	5	472931.523	9185250.494	533.370
15104748	Tie	0.062	0.064	0.140	6	473291.632	9185334.471	495.094
15108271	Tie	0.079	0.089	0.226	6	473449.330	9184337.648	577.083
15110750	Tie	0.064	0.063	0.206	6	473601.059	9184853.610	500.462
15110754	Tie	0.065	0.064	0.207	6	473569.929	9184796.253	505.477
15111377	Tie	0.063	0.063	0.204	6	473787.414	9184858.987	511.845
15113387	Tie	0.059	0.063	0.151	8	473899.848	9185246.772	502.475
15115327	Tie	0.063	0.065	0.204	6	473991.063	9184823.490	508.388
15116419	Tie	0.079	0.087	0.184	7	473701.180	9184129.396	595.751
15117941	Tie	0.069	0.072	0.178	7	473794.500	9184418.307	585.860
15120068	Tie	0.060	0.061	0.156	7	473657.886	9185012.240	499.495
15120409	Tie	0.060	0.062	0.164	8	474021.883	9184875.107	507.745
15125181	Tie	0.074	0.086	0.204	6	474140.058	9184160.537	509.296
15125357	Tie	0.070	0.078	0.177	9	474082.653	9184211.774	524.077
15126568	Tie	0.068	0.078	0.184	6	474386.752	9184359.109	494.431
15126729	Tie	0.069	0.075	0.211	6	474197.483	9184386.134	506.959
15129264	Tie	0.060	0.064	0.167	8	474146.431	9185019.349	491.578
15129698	Tie	0.062	0.065	0.179	7	474357.367	9184987.620	493.078
15148609	Tie	0.093	0.093	0.233	5	482817.247	9186711.109	479.267
15156054	Tie	0.074	0.077	0.182	8	483079.417	9186512.239	450.749
15156291	Tie	0.081	0.082	0.189	8	482953.612	9186611.293	463.988
15156422	Tie	0.062	0.067	0.144	9	483414.686	9186348.679	451.664
15157975	Tie	0.081	0.088	0.184	8	483095.126	9186812.359	466.552
15158115	Tie	0.067	0.072	0.161	7	483620.191	9186607.750	446.239
15158426	Tie	0.069	0.076	0.156	9	483484.655	9186690.111	434.275
15158567	Tie	0.089	0.100	0.227	3	483304.769	9186837.706	457.948
15158698	Tie	0.091	0.104	0.231	3	483321.579	9186897.081	456.146
15158809	Tie	0.094	0.110	0.237	3	483239.051	9186976.762	444.576
15161172	Tie	0.106	0.112	0.316	3	483981.180	9187089.873	423.280
15161267	Tie	0.090	0.116	0.252	5	483957.944	9187183.524	426.863
15169607	Tie	0.056	0.066	0.212	6	483931.476	9185840.740	447.093
15169766	Tie	0.052	0.057	0.110	11	483796.386	9185916.156	465.294
15170431	Tie	0.050	0.054	0.112	11	484056.818	9185902.080	444.585
15171133	Tie	0.050	0.054	0.117	10	484148.752	9185990.023	439.089
15171291	Tie	0.050	0.054	0.108	12	484057.701	9185985.949	440.563

15171455	Tie	0.054	0.060	0.124	8	484042.949	9186185.936	447.445
15171963	Tie	0.050	0.054	0.113	11	484356.046	9186145.385	433.095
15172130	Tie	0.052	0.056	0.112	11	484126.680	9186183.585	437.688
15172492	Tie	0.064	0.068	0.144	5	483956.816	9186394.378	456.742
15172535	Tie	0.059	0.064	0.137	8	483819.551	9186416.965	463.296
15172577	Tie	0.059	0.063	0.128	9	483825.386	9186420.296	463.042
15174108	Tie	0.063	0.064	0.190	6	484507.074	9186453.480	429.703
15174256	Tie	0.067	0.068	0.199	6	484495.888	9186563.734	430.248
15174675	Tie	0.073	0.078	0.221	6	484231.397	9186765.956	424.634
15174733	Tie	0.076	0.088	0.230	6	484150.844	9186881.484	421.411
15174860	Tie	0.073	0.070	0.206	6	484719.660	9186576.187	432.494
15175450	Tie	0.078	0.086	0.231	6	484269.512	9186871.373	425.218
15177955	Tie	0.049	0.050	0.135	9	484494.097	9185766.499	451.374
15178125	Tie	0.055	0.059	0.167	5	484442.516	9185832.169	445.932
15179107	Tie	0.049	0.052	0.115	10	484350.251	9185998.557	442.754
15180842	Tie	0.066	0.063	0.193	5	484934.745	9186229.773	431.615
15181057	Tie	0.072	0.070	0.251	4	484718.837	9186446.782	429.184
15184117	Tie	0.052	0.053	0.158	7	484470.096	9185505.663	485.240
15185435	Tie	0.052	0.054	0.153	5	484834.684	9185600.227	492.126
15187959	Tie	0.070	0.062	0.187	5	485202.762	9186016.099	435.777
15188209	Tie	0.063	0.061	0.177	5	485067.248	9186087.635	433.144
15190122	Tie	0.056	0.057	0.141	6	484871.532	9185066.937	543.233
15190742	Tie	0.053	0.055	0.142	6	485094.971	9185132.185	473.687
15191447	Tie	0.054	0.056	0.155	5	484630.375	9185416.194	516.340
15192318	Tie	0.047	0.048	0.131	9	484661.013	9185514.691	500.453
15192532	Tie	0.055	0.056	0.164	5	485234.779	9185434.441	453.463
15192581	Tie	0.051	0.054	0.148	6	485079.518	9185448.006	471.113
15192681	Tie	0.052	0.053	0.149	6	485121.106	9185428.663	466.040
15192940	Tie	0.052	0.052	0.179	6	485022.210	9185589.182	463.003
15195067	Tie	0.079	0.069	0.291	4	485455.587	9185783.760	439.344
15197327	Tie	0.059	0.060	0.168	5	485172.873	9184874.855	461.881
15198299	Tie	0.056	0.056	0.149	6	485212.960	9184980.877	459.310
15199785	Tie	0.054	0.056	0.148	6	485421.982	9185141.402	465.209
15199819	Tie	0.054	0.056	0.148	6	485414.314	9185165.460	462.463
15204234	Tie	0.062	0.062	0.158	6	485502.544	9184571.157	536.391
15204335	Tie	0.063	0.063	0.167	5	485513.558	9184577.469	537.907
15205531	Tie	0.057	0.058	0.150	6	485272.121	9184868.020	471.246
15206682	Tie	0.058	0.060	0.150	6	485752.374	9184910.508	540.026
15206721	Tie	0.067	0.067	0.181	4	485746.531	9184904.316	540.252
15207115	Tie	0.059	0.063	0.173	5	485543.553	9185204.976	458.046
15215099	Tie	0.067	0.071	0.194	4	485817.742	9184421.974	596.206
15215434	Tie	0.066	0.065	0.190	4	485448.774	9184594.089	532.819
15215613	Tie	0.060	0.061	0.156	6	485933.237	9184521.328	571.347
15216124	Tie	0.061	0.062	0.159	5	486105.533	9184491.043	551.572
15216135	Tie	0.059	0.060	0.145	6	486139.392	9184509.914	548.270
15216231	Tie	0.059	0.060	0.154	6	485987.695	9184603.741	563.559
15216386	Tie	0.059	0.060	0.155	6	485876.474	9184637.925	565.872
15216462	Tie	0.061	0.061	0.173	5	485748.395	9184728.326	548.508
15216755	Tie	0.059	0.062	0.149	6	486184.002	9184552.168	489.523
15216918	Tie	0.061	0.064	0.166	5	486010.537	9184741.084	551.830
15217014	Tie	0.060	0.064	0.180	5	485923.666	9184844.398	533.914

15217549	Tie	0.065	0.065	0.237	4	485958.603	9184999.654	486.861
15224710	Tie	0.058	0.060	0.153	7	486214.937	9184314.029	485.535
15224767	Tie	0.059	0.061	0.154	6	486224.474	9184347.193	490.671
15232822	Tie	0.064	0.066	0.141	6	486384.503	9183830.231	565.939
15241039	Tie	0.064	0.068	0.156	6	486823.293	9183500.983	524.684
15241068	Tie	0.065	0.067	0.176	5	486888.923	9183531.111	492.768
15241845	Tie	0.060	0.064	0.154	6	486921.392	9183625.792	499.287
15243006	Tie	0.053	0.056	0.142	8	487099.489	9183992.583	457.443
15243170	Tie	0.057	0.060	0.156	6	486943.169	9183966.082	474.986
15247281	Tie	0.064	0.069	0.156	6	487141.062	9183260.719	491.445
15247448	Tie	0.066	0.071	0.177	5	487012.441	9183404.566	479.513
15249684	Tie	0.053	0.056	0.139	8	487288.070	9183766.999	462.926
15254297	Tie	0.066	0.070	0.150	6	487399.083	9183033.578	477.509
15254462	Tie	0.065	0.070	0.155	6	487304.616	9183118.344	494.490
15255070	Tie	0.059	0.063	0.141	6	487552.810	9183216.063	469.738
15256483	Tie	0.056	0.060	0.140	6	487757.702	9183355.625	472.704
15262205	Tie	0.070	0.070	0.179	5	487735.010	9182828.547	474.766
15262394	Tie	0.067	0.070	0.160	6	487616.385	9182906.224	474.739
15262931	Tie	0.062	0.065	0.151	6	487901.719	9182926.194	482.285
15264385	Tie	0.061	0.066	0.189	4	488045.216	9183226.499	496.667
15264488	Tie	0.056	0.060	0.147	6	488034.376	9183183.487	496.566
15264795	Tie	0.057	0.061	0.160	5	487894.193	9183294.921	481.731
15270426	Tie	0.072	0.071	0.161	6	488045.485	9182593.545	497.331
15270647	Tie	0.070	0.071	0.167	6	487908.393	9182671.152	484.970
15271110	Tie	0.066	0.065	0.152	6	488166.258	9182736.468	503.568
15272680	Tie	0.062	0.062	0.165	5	488356.965	9182966.392	518.570
15272690	Tie	0.061	0.062	0.152	6	488293.012	9182906.769	497.039
15273042	Tie	0.059	0.061	0.153	6	488165.064	9182991.616	494.398
15278304	Tie	0.079	0.075	0.161	6	488363.760	9182416.169	503.348
15278399	Tie	0.079	0.075	0.161	6	488397.421	9182397.722	509.884
15278712	Tie	0.077	0.074	0.162	6	488213.250	9182445.444	515.870
15280706	Tie	0.068	0.067	0.153	6	488586.573	9182671.515	524.057
15280818	Tie	0.069	0.067	0.154	6	488592.874	9182657.743	519.963
15281094	Tie	0.063	0.063	0.151	6	488486.555	9182794.960	521.854
15286021	Tie	0.104	0.096	0.212	5	488668.608	9182073.273	540.305
15286328	Tie	0.093	0.085	0.198	4	488540.302	9182225.960	550.304
15286917	Tie	0.096	0.087	0.196	5	488677.263	9182192.161	557.343
15288484	Tie	0.083	0.079	0.188	5	488934.762	9182489.997	552.287
15288677	Tie	0.079	0.076	0.183	5	488865.080	9182542.203	547.064
15293512	Tie	0.135	0.130	0.303	4	488923.113	9181813.638	537.389
15293617	Tie	0.127	0.119	0.287	4	488852.517	9181901.591	538.047
15294288	Tie	0.126	0.114	0.276	4	489043.091	9181967.414	572.896
15295308	Tie	0.103	0.093	0.237	4	489082.085	9182264.883	617.067
15295891	Tie	0.115	0.104	0.263	4	489259.477	9182229.072	593.040
15295894	Tie	0.112	0.100	0.252	4	489169.010	9182206.514	603.456
15296655	Tie	0.077	0.073	0.165	6	488770.481	9182516.757	545.551
15300585	Tie	0.073	0.085	0.214	4	489489.007	9183026.502	589.799
15318386	Tie	0.096	0.121	0.275	3	483146.309	9187041.297	438.434
15318924	Tie	0.087	0.104	0.235	5	483177.299	9186930.147	446.264
15319107	Tie	0.073	0.080	0.178	7	483400.397	9186706.249	436.934
15319117	Tie	0.075	0.082	0.180	7	483366.702	9186768.614	443.426

15319126	Tie	0.080	0.090	0.218	5	483395.071	9186854.384	451.340
15320628	Tie	0.062	0.066	0.142	9	483456.824	9186375.384	457.343
15321935	Tie	0.071	0.074	0.266	5	483061.680	9186260.269	454.475
15321980	Tie	0.069	0.072	0.213	6	483100.118	9186249.788	457.115
15322181	Tie	0.065	0.069	0.202	6	483230.637	9186162.091	477.278
15323265	Tie	0.085	0.082	0.276	5	482611.580	9186267.651	482.153
15323413	Tie	0.081	0.081	0.272	5	482649.160	9186225.761	482.406
15323574	Tie	0.074	0.081	0.263	5	482755.052	9186070.764	481.206
15326135	Tie	0.056	0.064	0.134	8	483591.479	9186004.752	486.171
15332952	Tie	0.066	0.082	0.184	5	483267.248	9185681.703	467.443
15333031	Tie	0.068	0.084	0.186	5	483174.766	9185671.211	468.153
15333616	Tie	0.069	0.085	0.187	5	483142.915	9185681.844	466.994
15335774	Tie	0.056	0.060	0.126	8	483758.907	9186150.207	483.336
15336838	Tie	0.065	0.070	0.145	8	483699.600	9186596.160	452.089
15337007	Tie	0.059	0.062	0.141	8	483997.240	9186429.607	452.076
15348128	Tie	0.058	0.058	0.201	6	484038.362	9185505.851	519.101
15349019	Tie	0.064	0.064	0.205	6	483946.185	9185312.863	550.723
15349250	Tie	0.073	0.070	0.262	4	483582.378	9185532.415	486.105
15349845	Tie	0.067	0.070	0.211	6	483924.588	9185207.443	554.362
15349931	Tie	0.067	0.072	0.211	6	483957.420	9185171.639	557.350
15351332	Tie	0.075	0.082	0.203	6	483701.167	9185074.319	555.696
15356695	Tie	0.059	0.061	0.186	6	484364.589	9185190.101	538.870
15356773	Tie	0.058	0.059	0.186	6	484470.957	9185205.982	526.434
15357299	Tie	0.066	0.071	0.219	5	484103.525	9185168.375	560.151
15357619	Tie	0.060	0.066	0.187	6	484432.550	9185080.919	558.857
15358129	Tie	0.070	0.082	0.225	5	484041.292	9185043.955	573.795
15358349	Tie	0.075	0.101	0.284	4	484139.928	9185006.640	580.622
15358526	Tie	0.069	0.078	0.212	4	484342.715	9184963.419	588.746
15359150	Tie	0.072	0.085	0.198	5	484166.605	9184899.033	590.800
15359286	Tie	0.074	0.090	0.203	4	484165.490	9184895.354	591.048
15395968	Tie	0.069	0.079	0.232	3	486202.912	9184585.834	480.189
15403489	Tie	0.058	0.066	0.204	6	486489.155	9184303.071	456.945
15405013	Tie	0.059	0.061	0.139	6	486533.908	9184020.294	503.571
15502536	Tie	0.082	0.085	0.204	6	473489.045	9184282.119	590.919
15502733	Tie	0.074	0.078	0.181	6	473695.043	9184323.353	599.962
15503505	Tie	0.077	0.086	0.183	6	473904.604	9184136.416	547.171
15509668	Tie	0.059	0.062	0.155	8	473925.833	9185053.476	496.354
15512588	Tie	0.069	0.076	0.187	7	474112.242	9184305.094	515.225
15521484	Tie	0.069	0.074	0.204	5	474526.766	9184412.686	482.113
15522048	Tie	0.069	0.077	0.194	7	474338.399	9184271.810	489.182
15522171	Tie	0.071	0.085	0.193	5	474550.471	9184229.035	480.954
15522327	Tie	0.071	0.081	0.191	6	474587.199	9184187.482	494.607
15522356	Tie	0.071	0.083	0.196	5	474629.678	9184188.430	493.280
15538536	Tie	0.063	0.068	0.140	5	475171.345	9184533.952	506.962
15538820	Tie	0.058	0.063	0.122	8	475336.945	9184553.929	493.150
15538940	Tie	0.071	0.076	0.171	4	474919.116	9184337.211	521.838
15538976	Tie	0.071	0.082	0.189	4	474894.434	9184312.069	518.663
15539224	Tie	0.064	0.071	0.142	5	475228.579	9184366.873	507.181
15539313	Tie	0.059	0.064	0.122	8	475380.184	9184447.627	504.763
15539317	Tie	0.059	0.064	0.121	8	475377.427	9184455.217	504.234
15546685	Tie	0.061	0.065	0.160	6	475519.699	9184661.826	473.712

15547640	Tie	0.057	0.062	0.130	9	475640.284	9184563.918	492.192
15566475	Tie	0.060	0.064	0.135	6	476558.815	9184574.546	492.210
15574092	Tie	0.059	0.064	0.135	7	476733.331	9184685.906	452.558
15574187	Tie	0.061	0.065	0.141	6	476788.652	9184774.936	459.463
15574693	Tie	0.060	0.065	0.143	6	476754.463	9184631.822	452.944
15580657	Tie	0.065	0.070	0.156	6	477182.230	9184976.340	497.906
15581258	Tie	0.063	0.068	0.149	6	477127.919	9184860.727	503.345
15581950	Tie	0.064	0.068	0.158	5	477136.514	9184654.504	489.949
15581990	Tie	0.062	0.067	0.149	6	477126.849	9184726.185	495.502
15588321	Tie	0.067	0.076	0.184	6	477548.103	9184838.456	491.369
15588466	Tie	0.069	0.078	0.192	6	477652.921	9184873.011	477.050
15588467	Tie	0.069	0.079	0.193	6	477665.354	9184866.668	476.068
15596385	Tie	0.072	0.083	0.210	5	477885.072	9184771.645	486.192
15596485	Tie	0.071	0.084	0.204	6	477987.671	9184806.076	493.227
15596610	Tie	0.074	0.088	0.211	5	478030.227	9184767.665	504.681
15602909	Tie	0.073	0.086	0.208	6	478348.168	9185007.307	483.583
15603407	Tie	0.073	0.086	0.207	6	478182.791	9184897.542	490.815
15603817	Tie	0.074	0.088	0.204	6	478345.558	9184822.367	512.218
15609635	Tie	0.075	0.085	0.222	5	478692.986	9185297.239	456.029
15610776	Tie	0.079	0.097	0.230	4	478377.850	9184884.492	494.603
15610914	Tie	0.074	0.087	0.205	6	478574.102	9184971.712	477.249
15611196	Tie	0.076	0.087	0.203	6	478755.407	9184933.294	479.773
15617456	Tie	0.074	0.083	0.186	6	479024.804	9185052.217	475.166
15617540	Tie	0.075	0.083	0.186	6	479081.105	9185054.932	467.607
15618116	Tie	0.079	0.086	0.199	5	478933.254	9184921.809	494.052
15618539	Tie	0.078	0.085	0.180	6	479204.712	9184937.201	472.283
15625250	Tie	0.081	0.087	0.189	5	479218.904	9184901.989	475.031
15625398	Tie	0.076	0.082	0.166	6	479300.462	9185020.241	478.004
15625446	Tie	0.080	0.084	0.180	5	479337.362	9184955.826	481.276
15625589	Tie	0.079	0.084	0.164	6	479423.767	9184940.261	483.781
15625720	Tie	0.079	0.083	0.163	5	479549.924	9184976.790	476.329
15625812	Tie	0.076	0.081	0.158	5	479535.705	9185093.944	473.748
15632044	Tie	0.070	0.077	0.130	6	479673.401	9185260.533	495.434
15632193	Tie	0.071	0.077	0.128	6	479789.342	9185218.407	498.267
15632854	Tie	0.079	0.083	0.160	5	479645.121	9184982.666	476.296
15633053	Tie	0.079	0.082	0.155	5	479791.925	9185029.406	486.657
15638543	Tie	0.066	0.075	0.153	6	480006.069	9185461.105	469.019
15638701	Tie	0.065	0.075	0.157	6	480110.411	9185480.212	465.132
15644508	Tie	0.065	0.075	0.176	6	480421.862	9185574.359	468.532
15645075	Tie	0.066	0.076	0.173	6	480430.045	9185429.362	468.062
15645122	Tie	0.066	0.075	0.173	6	480418.154	9185446.044	469.652
15651792	Tie	0.067	0.073	0.161	6	480966.002	9185579.825	524.062
15652315	Tie	0.067	0.075	0.169	6	480794.809	9185514.145	509.334
15652528	Tie	0.068	0.073	0.158	6	480960.490	9185500.779	543.635
15653114	Tie	0.069	0.076	0.170	6	480810.591	9185371.132	514.010
15653306	Tie	0.069	0.077	0.168	6	480853.205	9185342.631	525.453
15653438	Tie	0.070	0.076	0.161	6	480986.118	9185331.953	544.230
15659164	Tie	0.067	0.074	0.147	6	481346.602	9185730.431	491.746
15659172	Tie	0.067	0.073	0.145	6	481363.478	9185693.050	494.418
15660053	Tie	0.067	0.072	0.140	6	481309.992	9185531.817	528.315
15666589	Tie	0.068	0.078	0.157	6	481756.765	9185773.580	525.303

15667259	Tie	0.072	0.078	0.171	4	481657.041	9185685.860	519.182
15667362	Tie	0.068	0.076	0.152	6	481695.881	9185661.545	529.681
15673918	Tie	0.069	0.081	0.179	6	482005.571	9185850.197	505.657
15674674	Tie	0.069	0.080	0.171	6	482056.605	9185686.175	528.464
15674768	Tie	0.069	0.080	0.170	6	482022.804	9185703.759	529.157
15680136	Tie	0.090	0.103	0.313	4	482348.454	9186473.205	492.007
15680666	Tie	0.088	0.089	0.309	4	482290.446	9186282.099	474.479
15680818	Tie	0.084	0.089	0.302	4	482377.848	9186302.478	478.893
15683487	Tie	0.069	0.080	0.172	6	482396.005	9185697.774	550.051
15683639	Tie	0.069	0.080	0.172	6	482488.312	9185783.709	547.859
15684319	Tie	0.070	0.082	0.174	6	482428.661	9185570.717	551.508
15690287	Tie	0.096	0.131	0.345	4	482638.796	9186759.423	508.003
15690312	Tie	0.088	0.114	0.339	4	482740.175	9186665.245	492.189
15693259	Tie	0.066	0.076	0.173	7	482821.059	9185911.544	491.852
15693967	Tie	0.065	0.076	0.168	7	482862.146	9185870.873	499.828
15694715	Tie	0.065	0.077	0.157	8	482835.519	9185693.466	532.787
15694784	Tie	0.107	0.593	1.659	2	482851.078	9186969.385	463.466
15694788	Tie	0.106	0.214	0.581	3	482849.073	9186936.423	463.243
15694893	Tie	0.099	0.141	0.322	4	482939.038	9186971.011	453.983
15701156	Tie	0.081	0.091	0.276	5	483008.503	9186601.846	461.018
15704138	Tie	0.069	0.081	0.179	4	483073.170	9185799.467	495.467
15704427	Tie	0.062	0.070	0.142	6	483239.087	9185899.941	526.856
15704938	Tie	0.065	0.076	0.163	7	483027.764	9185632.799	492.481
15705367	Tie	0.063	0.073	0.161	6	483266.643	9185733.538	470.104
15715463	Tie	0.056	0.062	0.134	8	483656.096	9185782.626	454.168
15721458	Tie	0.053	0.058	0.105	11	483774.105	9186048.446	474.392
15721594	Tie	0.052	0.057	0.112	10	483924.754	9186095.155	460.885
15725119	Tie	0.084	0.104	0.308	4	484043.017	9186917.074	422.269
15725315	Tie	0.085	0.108	0.258	5	484143.580	9187060.641	420.406
15736495	Tie	0.072	0.085	0.209	3	484779.549	9186362.907	430.660
15736626	Tie	0.050	0.054	0.117	9	484297.543	9186033.021	438.088
15736755	Tie	0.050	0.052	0.119	9	484601.556	9186038.037	436.665
15743756	Tie	0.050	0.052	0.119	9	484660.585	9186029.630	437.475
15744058	Tie	0.062	0.063	0.170	6	484995.404	9186228.474	431.129
15747705	Tie	0.105	0.101	0.310	3	473114.817	9184307.980	541.388
15747910	Tie	0.101	0.105	0.289	3	473194.159	9184220.372	549.298
15748300	Tie	0.104	0.118	0.280	3	473239.565	9184055.657	582.462
15755526	Tie	0.085	0.090	0.209	4	473571.459	9184192.317	592.911
15759966	Tie	0.103	0.116	0.345	3	474454.926	9183717.722	527.778
15760108	Tie	0.100	0.110	0.341	3	474455.866	9183764.209	523.732
15761751	Tie	0.087	0.094	0.275	4	474251.180	9183933.312	508.127
15766066	Tie	0.112	0.192	0.443	3	474757.813	9183423.977	511.042
15766205	Tie	0.109	0.139	0.397	3	474888.301	9183649.011	518.260
15766296	Tie	0.109	0.147	0.406	3	474869.525	9183613.584	510.799
15766400	Tie	0.101	0.133	0.383	3	474779.782	9183674.936	505.008
15766975	Tie	0.095	0.120	0.358	3	474654.544	9183739.917	505.133
15767750	Tie	0.080	0.086	0.252	4	474708.885	9184078.188	516.460
15767896	Tie	0.090	0.087	0.344	3	474594.439	9184121.431	503.504
15773472	Tie	0.080	0.086	0.238	4	475552.524	9183918.173	542.983
15783026	Tie	0.071	0.071	0.233	5	475864.859	9184121.593	510.115
15796778	Tie	0.071	0.068	0.281	4	476513.552	9184308.531	491.753

15797690	Tie	0.075	0.075	0.300	4	476498.288	9184110.870	490.498
15799054	Tie	0.080	0.082	0.323	4	476211.360	9184011.849	512.979
15799483	Tie	0.083	0.100	0.330	4	476142.606	9183869.984	523.704
15799713	Tie	0.089	0.109	0.293	4	475943.298	9183744.332	554.131
15867455	Tie	0.100	0.100	0.262	2	479312.948	9184923.695	485.092
15868105	Tie	0.075	0.081	0.159	6	479438.769	9185086.441	471.930
15886014	Tie	0.068	0.076	0.139	6	479886.619	9185291.306	494.135
15976225	Tie	0.059	0.064	0.273	5	484022.863	9185677.785	453.774
15990798	Tie	0.053	0.065	0.162	6	484941.921	9185156.243	532.511
15990961	Tie	0.065	0.075	0.229	4	484780.013	9185136.640	553.014
15991696	Tie	0.049	0.050	0.130	8	484860.462	9185323.477	513.158
15992331	Tie	0.053	0.055	0.211	5	484898.786	9185508.642	496.267
15992937	Tie	0.048	0.049	0.145	8	484799.595	9185652.165	462.977
15993641	Tie	0.055	0.057	0.195	5	484737.187	9185816.713	464.497
15994338	Tie	0.049	0.053	0.134	9	484576.246	9185942.425	448.120
16001997	Tie	0.077	0.082	0.265	5	485172.004	9186155.205	433.711
16018325	Tie	0.102	0.112	0.280	2	473432.140	9184039.840	587.541
16032750	Tie	0.114	0.143	0.368	3	474511.207	9183545.994	544.678
16039357	Tie	0.108	0.178	0.422	3	474715.673	9183469.879	520.451
16049157	Tie	0.094	0.106	0.295	4	474485.913	9183807.559	514.093
16061280	Tie	0.079	0.086	0.253	4	474625.808	9184088.628	502.272
16256036	Tie	0.066	0.068	0.199	6	483629.046	9185396.083	506.707
16261905	Tie	0.056	0.062	0.124	9	483535.140	9185914.319	474.502
16270062	Tie	0.056	0.061	0.124	9	483566.143	9185915.365	473.407
16271792	Tie	0.049	0.051	0.133	9	484404.831	9185687.950	463.983
16296930	Tie	0.090	0.070	0.296	4	485545.807	9185768.508	444.495
16346449	Tie	0.058	0.072	0.231	6	449527.200	9210025.206	474.653
16360545	Tie	0.061	0.058	0.198	5	449516.255	9211316.570	439.630
16369479	Tie	0.058	0.077	0.214	6	450026.142	9211635.705	423.921
16379663	Tie	0.058	0.065	0.177	5	450213.625	9211622.074	446.276
16381078	Tie	0.053	0.063	0.190	6	450653.428	9211512.353	462.850
16397204	Tie	0.063	0.066	0.315	4	451308.593	9211738.296	452.154
16401093	Tie	0.094	0.067	0.257	5	450954.889	9212312.388	438.378
16404352	Tie	0.078	0.080	0.539	3	451385.594	9211808.688	445.796
16408597	Tie	0.065	0.067	0.212	6	451392.491	9212697.074	426.796
16408633	Tie	0.061	0.062	0.207	6	451487.819	9212595.104	424.847
16408680	Tie	0.061	0.063	0.205	6	451493.687	9212627.164	431.259
16408937	Tie	0.056	0.060	0.179	7	451690.213	9212735.577	412.775
16408980	Tie	0.061	0.072	0.216	5	451635.082	9212827.751	412.193
16409820	Tie	0.072	0.059	0.261	6	451267.873	9212127.034	446.308
16410229	Tie	0.062	0.062	0.236	6	451515.136	9212393.787	414.615
16410240	Tie	0.058	0.063	0.233	6	451615.281	9212437.668	413.902
16411041	Tie	0.055	0.056	0.228	6	451710.624	9212241.347	426.724
16411334	Tie	0.053	0.055	0.189	7	451818.529	9212388.619	430.151
16411762	Tie	0.055	0.056	0.224	6	451765.567	9212075.048	466.631
16411912	Tie	0.051	0.052	0.181	8	451881.512	9212241.228	448.826
16412361	Tie	0.054	0.056	0.240	6	451669.456	9211843.974	529.276
16412435	Tie	0.054	0.056	0.226	6	451776.002	9211836.374	572.153
16412871	Tie	0.058	0.055	0.198	6	452107.807	9212078.074	568.194
16413620	Tie	0.057	0.055	0.183	6	452074.436	9211939.668	617.218
16419423	Tie	0.052	0.053	0.224	6	452366.455	9212432.114	461.552

16426601	Tie	0.054	0.053	0.230	6	452417.371	9212541.490	432.614
16427576	Tie	0.053	0.056	0.222	6	452655.869	9212390.026	466.659
16428080	Tie	0.051	0.054	0.203	6	452435.544	9212186.150	524.366
16428987	Tie	0.053	0.060	0.213	6	452712.931	9212112.950	462.134
16429283	Tie	0.060	0.055	0.218	6	452896.654	9212326.424	418.420
16429603	Tie	0.053	0.056	0.193	5	452709.689	9211926.010	512.201
16429719	Tie	0.054	0.063	0.216	6	452768.885	9212043.759	470.350
16430026	Tie	0.063	0.058	0.191	5	453026.980	9212028.743	432.484
16430105	Tie	0.082	0.060	0.289	4	452965.007	9212172.579	444.894
16430191	Tie	0.079	0.084	0.227	2	452029.559	9213126.039	421.255
16430616	Tie	0.067	0.072	0.200	6	452495.919	9213325.137	415.290
16430692	Tie	0.066	0.070	0.198	6	452498.576	9213293.626	414.740
16431205	Tie	0.064	0.066	0.195	6	452443.035	9213215.850	407.444
16431493	Tie	0.068	0.074	0.203	6	452655.734	9213321.989	420.008
16432074	Tie	0.058	0.058	0.187	6	452650.913	9212971.314	441.876
16432248	Tie	0.061	0.063	0.193	6	452692.570	9213096.492	431.187
16432571	Tie	0.055	0.055	0.212	6	452444.789	9212792.740	421.740
16432957	Tie	0.061	0.060	0.192	6	452790.773	9212982.209	423.174
16433425	Tie	0.056	0.055	0.186	6	452806.538	9212690.138	427.024
16435111	Tie	0.066	0.061	0.196	5	453044.197	9212539.755	416.723
16435114	Tie	0.059	0.057	0.189	6	452943.077	9212544.647	431.884
16436735	Tie	0.074	0.062	0.201	6	453207.834	9212221.590	419.500
16457196	Tie	0.100	0.093	0.328	3	461681.347	9187109.509	581.212
16457794	Tie	0.115	0.121	0.346	3	461640.413	9186886.583	599.731
16463286	Tie	0.086	0.073	0.234	5	461523.121	9187578.534	531.044
16463470	Tie	0.065	0.061	0.170	6	461706.343	9187740.706	542.959
16463583	Tie	0.063	0.060	0.168	6	461725.708	9187804.532	546.241
16463640	Tie	0.065	0.064	0.188	4	461794.413	9187759.393	553.543
16463889	Tie	0.083	0.075	0.221	5	461607.520	9187396.682	550.452
16466016	Tie	0.063	0.062	0.182	5	462073.897	9187573.139	574.296
16466203	Tie	0.062	0.061	0.180	5	462136.020	9187642.271	578.430
16466900	Tie	0.066	0.065	0.183	5	462168.931	9187481.899	584.577
16470328	Tie	0.061	0.060	0.174	5	461800.223	9187931.204	551.655
16472040	Tie	0.077	0.065	0.258	4	462275.218	9187904.696	552.155
16473399	Tie	0.072	0.068	0.226	5	462449.105	9187627.678	556.004
16473664	Tie	0.069	0.067	0.226	5	462531.808	9187702.243	549.615
16477656	Tie	0.084	0.067	0.257	4	462183.472	9187979.210	562.954
16477717	Tie	0.136	0.084	0.427	3	462217.128	9188104.833	551.856
16478533	Tie	0.102	0.083	0.426	3	462396.519	9188084.593	529.975
16478773	Tie	0.098	0.100	0.435	3	462427.001	9188194.060	519.019
16478877	Tie	0.077	0.109	0.441	3	462596.141	9188239.169	508.510
16478990	Tie	0.093	0.068	0.292	4	462330.527	9187715.147	542.725
16479981	Tie	0.072	0.074	0.294	4	462692.520	9187908.753	514.518
16480297	Tie	0.072	0.074	0.295	4	462680.292	9187934.202	515.224
16480299	Tie	0.079	0.080	0.323	3	462734.821	9187945.486	538.323
16480462	Tie	0.072	0.071	0.225	5	462503.042	9187573.217	564.857
16480774	Tie	0.074	0.075	0.278	4	462759.972	9187758.544	547.836
16480935	Tie	0.072	0.074	0.285	4	462747.190	9187902.949	539.340
16481252	Tie	0.084	0.084	0.237	4	462638.217	9187381.867	591.889
16481351	Tie	0.077	0.079	0.203	6	462744.530	9187486.498	573.426
16481387	Tie	0.077	0.079	0.218	5	462737.087	9187531.910	570.101

16482017	Tie	0.078	0.081	0.201	6	462740.831	9187431.387	586.521
16482080	Tie	0.082	0.084	0.205	6	462880.912	9187466.824	585.121
16482371	Tie	0.083	0.083	0.223	5	462955.732	9187612.725	576.354
16482961	Tie	0.094	0.093	0.230	5	463107.870	9187521.929	586.523
16482977	Tie	0.098	0.097	0.247	4	463151.270	9187509.930	584.538
16483130	Tie	0.095	0.090	0.237	5	463146.627	9187665.778	573.996
16483278	Tie	0.099	0.092	0.241	5	463198.718	9187671.002	575.003
16484448	Tie	0.074	0.085	0.291	3	462681.072	9188887.484	444.024
16484877	Tie	0.067	0.069	0.240	5	462577.693	9188647.531	463.177
16484888	Tie	0.067	0.071	0.268	4	462576.529	9188639.248	463.006
16485658	Tie	0.070	0.072	0.236	5	462832.756	9188575.713	474.038
16485677	Tie	0.070	0.072	0.236	5	462825.350	9188584.560	473.439
16485814	Tie	0.080	0.081	0.250	3	462883.416	9188712.542	467.373
16485915	Tie	0.071	0.078	0.218	6	462882.217	9188810.277	477.067
16486402	Tie	0.075	0.081	0.280	4	462929.433	9188615.344	475.202
16486606	Tie	0.081	0.081	0.225	6	463131.751	9188769.184	478.554
16486698	Tie	0.082	0.082	0.235	5	463132.383	9188780.587	477.083
16541441	Tie	0.077	0.079	0.219	6	451357.781	9213401.074	410.688
16542255	Tie	0.075	0.078	0.213	6	451577.895	9213471.602	421.360
16542673	Tie	0.089	0.093	0.263	4	451447.272	9213654.289	410.083
16542693	Tie	0.086	0.092	0.245	5	451448.450	9213659.196	409.155
16543052	Tie	0.078	0.080	0.218	6	451731.018	9213530.520	427.502
16543211	Tie	0.091	0.093	0.264	4	451607.009	9213701.690	409.462
16543370	Tie	0.093	0.097	0.258	4	451580.858	9213711.448	408.648
16543495	Tie	0.103	0.101	0.288	3	451656.159	9213749.524	410.672
16549242	Tie	0.067	0.068	0.198	5	451581.839	9213077.256	409.177
16549715	Tie	0.064	0.066	0.185	6	451721.285	9213142.564	408.952
16556276	Tie	0.058	0.060	0.191	5	451742.594	9212493.883	421.723
16557326	Tie	0.066	0.068	0.195	5	451846.748	9213172.780	408.470
16557573	Tie	0.064	0.061	0.227	4	452246.640	9212877.942	430.407
16558114	Tie	0.057	0.057	0.215	6	452386.662	9212903.662	413.245
16563727	Tie	0.050	0.051	0.168	9	451951.450	9212326.332	451.601
16563820	Tie	0.051	0.052	0.172	8	451905.649	9212257.452	451.434
16563904	Tie	0.052	0.054	0.182	8	451819.987	9212433.624	419.686
16571186	Tie	0.053	0.056	0.140	6	452211.739	9211815.894	647.500
16571335	Tie	0.054	0.056	0.153	5	452127.083	9211950.376	612.148
16571764	Tie	0.053	0.056	0.140	6	452291.320	9211848.864	650.375
16577970	Tie	0.055	0.057	0.141	5	452399.445	9211540.908	721.083
16578778	Tie	0.055	0.056	0.138	5	452408.528	9211639.618	702.600
16581576	Tie	0.061	0.057	0.233	4	452873.600	9211959.068	463.121
16581577	Tie	0.068	0.059	0.240	4	452991.748	9212047.802	440.259
16584617	Tie	0.061	0.059	0.177	4	452424.415	9211218.999	637.186
16584835	Tie	0.064	0.063	0.164	3	452396.515	9211334.483	701.850
16585362	Tie	0.055	0.056	0.143	5	452297.776	9211657.975	691.847
16585655	Tie	0.055	0.054	0.152	5	452501.003	9211313.527	655.555
16591184	Tie	0.063	0.057	0.166	4	452607.606	9210955.939	638.431
16591258	Tie	0.061	0.058	0.180	4	452562.674	9210979.953	617.627
16591981	Tie	0.057	0.053	0.154	5	452667.677	9210979.369	625.201
16597509	Tie	0.056	0.055	0.153	6	452774.620	9210484.746	548.967
16598168	Tie	0.066	0.062	0.170	3	452789.621	9210735.382	632.290
16598212	Tie	0.061	0.057	0.155	4	452754.719	9210788.205	670.640

16598302	Tie	0.061	0.059	0.147	4	452757.898	9210878.897	701.539
16604933	Tie	0.057	0.056	0.168	7	452840.643	9210264.028	469.437
16605684	Tie	0.056	0.054	0.162	7	452917.551	9210385.658	490.258
16606755	Tie	0.063	0.064	0.226	4	453304.070	9210413.698	437.213
16607227	Tie	0.080	0.074	0.266	3	453495.522	9210401.480	429.307
16612548	Tie	0.063	0.060	0.175	6	453075.003	9209802.789	502.780
16613050	Tie	0.060	0.057	0.182	7	453052.834	9210047.448	438.905
16614196	Tie	0.065	0.065	0.242	4	453304.301	9210187.318	437.937
16619395	Tie	0.069	0.065	0.191	5	453154.004	9209518.782	481.331
16619828	Tie	0.063	0.060	0.181	6	452956.130	9209886.156	475.834
16620241	Tie	0.066	0.062	0.189	6	453277.168	9209717.492	454.424
16625948	Tie	0.071	0.068	0.167	5	453334.192	9209108.511	552.884
16626769	Tie	0.068	0.064	0.161	6	453417.672	9209184.235	518.889
16626886	Tie	0.068	0.064	0.171	6	453329.478	9209294.392	478.102
16627165	Tie	0.067	0.063	0.187	6	453277.320	9209535.443	455.281
16627600	Tie	0.071	0.066	0.178	5	453528.553	9209297.729	492.327
16627767	Tie	0.079	0.075	0.231	3	453442.480	9209464.706	455.311
16633119	Tie	0.069	0.065	0.150	6	453454.199	9208919.067	500.641
16634606	Tie	0.070	0.066	0.155	6	453698.379	9208802.315	445.893
16634852	Tie	0.069	0.065	0.157	6	453612.797	9208989.430	454.063
16640159	Tie	0.068	0.066	0.139	7	453668.754	9208422.245	442.239
16640951	Tie	0.077	0.071	0.176	4	453758.836	9208582.422	444.234
16640957	Tie	0.072	0.068	0.158	5	453800.909	9208521.638	439.731
16641201	Tie	0.070	0.066	0.152	6	453673.237	9208780.522	451.870
16641691	Tie	0.068	0.064	0.138	7	453848.676	9208528.247	444.459
16648098	Tie	0.070	0.067	0.158	5	453918.492	9208206.467	466.835
16845821	Tie	0.083	0.075	0.236	3	462379.675	9190443.105	437.453
16846082	Tie	0.085	0.076	0.228	3	462432.389	9190523.203	432.603
16846099	Tie	0.082	0.070	0.214	4	462364.483	9190599.983	443.983
16890015	Tie	0.080	0.084	0.186	6	462591.699	9187251.077	617.980
16890527	Tie	0.078	0.080	0.187	6	462447.542	9187265.095	610.650
16890555	Tie	0.101	0.097	0.330	3	462436.402	9187365.760	593.311
16890641	Tie	0.083	0.089	0.215	5	462497.596	9187239.788	617.849
16912430	Tie	0.129	0.138	0.398	2	451205.598	9214016.207	409.056
16912432	Tie	0.118	0.132	0.359	3	451145.896	9213950.356	409.519
16912476	Tie	0.116	0.131	0.351	3	451258.668	9213985.630	408.646
16913334	Tie	0.123	0.144	0.363	3	451386.705	9214109.430	414.627
16928341	Tie	0.055	0.057	0.173	8	451692.076	9212679.937	412.013
16933468	Tie	0.086	0.065	0.255	5	451119.696	9212364.061	431.618
16940375	Tie	0.064	0.060	0.240	6	451216.505	9212081.128	444.152
16942001	Tie	0.081	0.060	0.251	6	450989.377	9211959.725	443.706
16952426	Tie	0.060	0.060	0.157	4	452281.208	9211729.133	681.045
16967955	Tie	0.060	0.056	0.189	4	452623.061	9211273.722	573.263
16977317	Tie	0.058	0.058	0.186	5	452462.546	9210562.120	677.980
16977994	Tie	0.060	0.063	0.226	4	452398.474	9210647.138	692.086
16978148	Tie	0.060	0.058	0.224	4	452365.111	9210532.533	701.054
16978761	Tie	0.059	0.063	0.223	4	452241.738	9210628.262	714.068
16979619	Tie	0.060	0.060	0.214	5	452110.345	9210585.156	719.735
16980717	Tie	0.071	0.058	0.227	4	452033.141	9210445.715	733.075
16986548	Tie	0.057	0.052	0.217	6	452353.306	9210137.618	605.604
16988089	Tie	0.074	0.054	0.236	5	452004.500	9210209.536	695.412

16988899	Tie	0.060	0.053	0.186	6	451993.243	9210142.875	668.613
17032849	Tie	0.070	0.068	0.150	6	453595.131	9208398.145	447.826
17038890	Tie	0.068	0.064	0.144	7	453911.880	9208152.598	454.224
17195309	Tie	0.060	0.069	0.268	4	457318.808	9198801.610	479.690
17195473	Tie	0.059	0.062	0.259	4	457308.817	9198657.403	491.365
17196024	Tie	0.075	0.075	0.412	3	457049.416	9198826.336	446.780
17196157	Tie	0.062	0.067	0.274	4	457178.293	9198745.479	462.863
17200452	Tie	0.069	0.063	0.261	4	457561.299	9198710.990	493.368
17200568	Tie	0.059	0.059	0.229	5	457441.406	9198630.064	503.063
17200695	Tie	0.062	0.061	0.217	5	457622.927	9198492.615	496.678
17201015	Tie	0.057	0.054	0.192	6	457602.376	9198293.831	504.707
17201018	Tie	0.061	0.055	0.213	5	457635.812	9198252.301	501.004
17201273	Tie	0.058	0.063	0.232	5	457392.078	9198725.183	502.552
17201633	Tie	0.055	0.058	0.209	5	457406.851	9198415.575	508.341
17201687	Tie	0.053	0.054	0.189	6	457441.529	9198323.058	505.195
17201859	Tie	0.053	0.053	0.188	6	457477.415	9198197.602	505.573
17202307	Tie	0.056	0.057	0.207	5	457242.641	9198329.656	508.024
17202676	Tie	0.052	0.053	0.187	6	457434.899	9198194.899	506.622
17202888	Tie	0.067	0.060	0.242	5	456997.067	9198515.724	466.879
17202898	Tie	0.070	0.063	0.271	4	457037.879	9198567.664	463.599
17203457	Tie	0.053	0.053	0.182	6	457275.116	9198157.554	519.355
17203694	Tie	0.074	0.061	0.248	5	456909.013	9198479.184	459.939
17204008	Tie	0.071	0.059	0.222	5	456966.347	9198217.558	467.981
17204199	Tie	0.065	0.056	0.197	6	456993.355	9198114.496	473.509
17204250	Tie	0.065	0.058	0.206	5	457047.050	9198004.660	498.846
17204439	Tie	0.115	0.066	0.324	4	456697.223	9198382.656	456.984
17204488	Tie	0.088	0.064	0.257	5	456770.830	9198374.282	454.662
17204533	Tie	0.106	0.068	0.316	4	456751.308	9198251.829	461.889
17204745	Tie	0.073	0.058	0.203	6	456887.739	9198089.989	466.088
17204749	Tie	0.071	0.058	0.201	6	456917.870	9198063.707	466.679
17206147	Tie	0.082	0.090	0.306	4	457968.808	9198095.416	491.238
17206937	Tie	0.055	0.054	0.185	6	457730.048	9197996.364	504.193
17207696	Tie	0.053	0.052	0.182	6	457666.844	9197959.151	508.463
17207855	Tie	0.055	0.054	0.214	5	457718.252	9197867.044	507.786
17208568	Tie	0.053	0.053	0.197	5	457518.737	9197907.419	520.928
17209431	Tie	0.056	0.052	0.177	6	457297.974	9197803.978	519.838
17210214	Tie	0.061	0.053	0.179	6	457184.076	9197743.940	522.525
17210652	Tie	0.070	0.059	0.213	5	456979.860	9197995.691	475.508
17210834	Tie	0.078	0.058	0.207	5	457013.960	9197799.554	514.171
17210870	Tie	0.066	0.054	0.181	6	457103.546	9197712.725	522.182
17210971	Tie	0.068	0.057	0.197	5	457149.082	9197631.475	525.560
17210973	Tie	0.065	0.055	0.180	6	457132.141	9197677.354	524.389
17212059	Tie	0.071	0.059	0.210	6	458147.760	9197721.008	451.537
17212667	Tie	0.059	0.054	0.200	6	457978.269	9197643.884	460.996
17213477	Tie	0.053	0.052	0.195	6	457838.711	9197589.602	463.587
17213624	Tie	0.054	0.051	0.197	6	457856.096	9197504.537	456.192
17214396	Tie	0.051	0.051	0.190	6	457691.861	9197532.370	476.797
17215118	Tie	0.054	0.051	0.187	6	457515.197	9197471.858	493.275
17215274	Tie	0.055	0.053	0.188	6	457497.244	9197320.023	493.573
17215956	Tie	0.059	0.052	0.186	6	457393.167	9197408.298	503.327
17216370	Tie	0.076	0.066	0.217	4	457107.659	9197569.226	526.961

17216473	Tie	0.075	0.056	0.207	5	457205.142	9197456.980	523.395
17216682	Tie	0.067	0.054	0.187	6	457250.352	9197348.083	519.452
17216793	Tie	0.066	0.055	0.187	6	457270.602	9197316.206	518.367
17216794	Tie	0.066	0.055	0.187	6	457267.991	9197297.472	518.824
17218032	Tie	0.063	0.057	0.204	6	458192.966	9197327.915	439.136
17218048	Tie	0.068	0.054	0.207	6	458263.643	9197202.452	431.736
17218063	Tie	0.067	0.054	0.206	6	458249.720	9197203.244	432.406
17219484	Tie	0.051	0.051	0.190	6	457906.918	9197193.678	467.966
17220302	Tie	0.051	0.051	0.184	6	457842.131	9197166.250	491.195
17221302	Tie	0.052	0.051	0.182	6	457723.745	9197092.170	499.894
17222202	Tie	0.062	0.053	0.187	6	457488.988	9197000.044	501.457
17222246	Tie	0.061	0.054	0.185	6	457517.058	9196946.680	505.060
17222703	Tie	0.076	0.058	0.210	5	457357.634	9197032.087	514.557
17222871	Tie	0.067	0.057	0.189	6	457422.495	9196889.220	504.963
17222881	Tie	0.065	0.054	0.188	6	457444.555	9196981.541	504.322
17223897	Tie	0.068	0.059	0.198	6	458401.403	9196985.992	437.098
17224457	Tie	0.065	0.056	0.194	6	458361.324	9196895.995	445.558
17226683	Tie	0.056	0.054	0.186	5	457863.332	9196754.869	474.467
17227653	Tie	0.057	0.055	0.186	6	457791.464	9196574.219	465.963
17227735	Tie	0.065	0.059	0.209	5	457677.100	9196611.346	475.143
17228094	Tie	0.070	0.062	0.209	5	457446.405	9196774.719	508.078
17228104	Tie	0.072	0.056	0.212	5	457572.602	9196739.766	488.074
17228379	Tie	0.071	0.058	0.208	5	457599.509	9196528.121	482.987
17228384	Tie	0.097	0.059	0.296	4	457595.577	9196528.910	483.433
17229141	Tie	0.085	0.061	0.236	5	458592.499	9196492.166	447.473
17229699	Tie	0.075	0.061	0.229	5	458495.065	9196580.518	457.381
17229866	Tie	0.079	0.060	0.230	5	458536.809	9196481.173	457.048
17231246	Tie	0.059	0.063	0.296	4	458130.080	9196417.780	462.345
17232021	Tie	0.056	0.057	0.214	5	458042.360	9196370.812	466.049
17232989	Tie	0.064	0.063	0.217	5	457845.365	9196210.413	461.847
17233454	Tie	0.065	0.062	0.207	5	457699.867	9196416.807	481.502
17233463	Tie	0.068	0.061	0.207	5	457659.435	9196431.180	485.068
17233581	Tie	0.072	0.061	0.210	5	457707.629	9196241.427	494.760
17233719	Tie	0.070	0.061	0.210	5	457739.822	9196248.072	491.936
17233731	Tie	0.078	0.066	0.243	4	457715.684	9196160.498	486.954
17233748	Tie	0.073	0.067	0.245	4	457776.032	9196151.927	477.128
17233975	Tie	0.069	0.072	0.274	4	457398.767	9199148.221	476.187
17234459	Tie	0.076	0.092	0.405	3	457399.066	9199000.859	478.104
17235127	Tie	0.068	0.078	0.397	3	457309.035	9198889.878	476.195
17239394	Tie	0.086	0.063	0.256	5	456793.532	9198471.852	453.088
17240021	Tie	0.079	0.065	0.276	4	456931.017	9198496.384	460.089
17247786	Tie	0.075	0.070	0.226	4	456967.992	9197895.277	500.214
17254815	Tie	0.066	0.054	0.187	6	457268.469	9197350.577	517.142
17282197	Tie	0.102	0.070	0.276	4	458718.578	9196212.745	429.847
17282249	Tie	0.099	0.069	0.275	4	458698.062	9196199.989	427.966
17283389	Tie	0.122	0.157	0.658	2	458440.888	9195987.332	430.019
17284388	Tie	0.064	0.066	0.243	4	458188.413	9195950.498	434.113
17284898	Tie	0.070	0.068	0.239	4	457976.808	9195893.738	439.034
17285395	Tie	0.078	0.077	0.244	4	457878.272	9195748.499	442.628
17286798	Tie	0.067	0.070	0.240	4	458071.218	9195857.992	442.353
17288014	Tie	0.073	0.065	0.254	4	458432.630	9196077.288	429.599

17288017	Tie	0.073	0.067	0.254	4	458435.010	9195995.305	429.863
17289917	Tie	0.066	0.069	0.248	4	458287.602	9195919.434	432.662
17431096	Tie	0.199	0.125	0.550	2	461396.723	9187158.656	562.692
17431417	Tie	0.117	0.095	0.275	4	461274.974	9187310.828	532.099
17432945	Tie	0.089	0.077	0.232	5	461518.865	9187431.916	534.301
17438514	Tie	0.119	0.098	0.275	4	461264.959	9187274.520	539.614
17440216	Tie	0.108	0.109	0.337	3	461666.114	9186967.157	592.829
20179985	Tie	0.056	0.056	0.183	6	448927.560	9210497.051	445.582
20180001	Tie	0.055	0.056	0.183	6	448942.651	9210535.944	442.342
20180447	Tie	0.048	0.048	0.118	9	449326.281	9210794.975	451.284
20180935	Tie	0.056	0.054	0.205	6	449210.194	9210436.242	467.588
20181104	Tie	0.054	0.053	0.202	6	449274.183	9210460.608	472.680
20181265	Tie	0.051	0.050	0.152	7	449453.789	9210598.869	447.551
20183071	Tie	0.060	0.078	0.219	6	449148.388	9209933.146	509.262
20183096	Tie	0.063	0.081	0.253	5	449177.213	9209942.963	510.439
20183536	Tie	0.058	0.070	0.231	6	449506.160	9210057.330	467.471
20183562	Tie	0.056	0.063	0.227	6	449555.544	9210143.668	463.181
20183722	Tie	0.056	0.059	0.226	6	449639.414	9210217.034	455.650
20183927	Tie	0.064	0.096	0.227	6	449299.786	9209692.188	502.906
20187054	Tie	0.047	0.050	0.120	9	449552.338	9211114.591	440.965
20188644	Tie	0.046	0.047	0.135	9	449786.516	9210827.234	440.122
20189247	Tie	0.048	0.049	0.139	9	449682.839	9210525.556	452.761
20189329	Tie	0.047	0.047	0.139	9	449764.719	9210621.895	436.442
20190817	Tie	0.055	0.057	0.202	6	449759.968	9210304.615	457.018
20190908	Tie	0.060	0.059	0.211	4	449835.399	9210375.296	459.755
20191192	Tie	0.050	0.051	0.152	8	450018.956	9210383.930	469.930
20193237	Tie	0.065	0.061	0.192	4	449575.746	9211374.934	434.767
20193256	Tie	0.069	0.064	0.216	3	449540.959	9211354.758	443.092
20193410	Tie	0.058	0.061	0.174	6	449622.578	9211446.602	427.015
20193803	Tie	0.047	0.049	0.118	9	449484.017	9211069.048	449.040
20195725	Tie	0.047	0.048	0.140	8	449892.610	9210996.895	440.905
20195783	Tie	0.054	0.053	0.162	5	449867.388	9211013.784	441.558
20197931	Tie	0.055	0.068	0.220	5	450163.693	9210546.081	478.958
20198017	Tie	0.051	0.068	0.215	6	450200.258	9210505.770	491.642
20200276	Tie	0.057	0.070	0.193	5	449829.065	9211606.782	438.236
20200597	Tie	0.055	0.081	0.212	6	450140.416	9211685.470	433.262
20201052	Tie	0.058	0.059	0.208	6	449970.677	9211391.553	430.445
20202670	Tie	0.056	0.053	0.233	6	450186.846	9211195.074	443.015
20202811	Tie	0.053	0.052	0.229	6	450267.854	9211157.950	449.836
20202978	Tie	0.053	0.059	0.233	6	450285.531	9211298.599	434.791
20205215	Tie	0.050	0.050	0.184	6	450513.256	9210862.902	554.384
20205434	Tie	0.050	0.050	0.179	6	450639.304	9210876.689	576.134
20206060	Tie	0.050	0.054	0.167	6	450587.055	9210733.288	656.765
20207381	Tie	0.059	0.079	0.183	6	450184.019	9211822.687	424.065
20207543	Tie	0.056	0.075	0.181	6	450269.389	9211781.224	422.553
20208289	Tie	0.057	0.068	0.177	6	450191.861	9211674.842	432.324
20209733	Tie	0.053	0.056	0.190	6	450440.566	9211362.277	459.984
20209886	Tie	0.052	0.061	0.191	6	450594.143	9211479.991	452.594
20210053	Tie	0.053	0.067	0.192	6	450609.924	9211577.883	459.489
20212377	Tie	0.051	0.050	0.172	6	450787.405	9211038.034	571.911
20212586	Tie	0.053	0.050	0.170	6	450868.861	9211050.225	592.088

20213406	Tie	0.055	0.053	0.145	5	450999.366	9210954.688	690.686
20217048	Tie	0.056	0.063	0.186	5	450777.147	9211583.270	460.820
20218104	Tie	0.056	0.061	0.188	5	450957.717	9211499.892	486.848
20218885	Tie	0.065	0.070	0.197	3	451012.207	9211358.751	523.910
20220641	Tie	0.064	0.061	0.179	4	451288.019	9211244.298	606.884
20221426	Tie	0.066	0.063	0.189	3	451250.347	9211039.666	677.139
20221519	Tie	0.065	0.057	0.163	5	451367.937	9211081.779	659.257
20287321	Tie	0.088	0.102	0.266	5	437574.020	9216576.720	427.934
20287779	Tie	0.077	0.085	0.230	5	438032.361	9216401.335	462.811
20288270	Tie	0.083	0.087	0.248	5	437539.342	9216363.858	421.348
20288311	Tie	0.084	0.087	0.251	5	437490.354	9216354.225	417.260
20288765	Tie	0.070	0.075	0.200	6	437930.962	9216208.214	463.611
20289700	Tie	0.070	0.073	0.200	6	437845.941	9216113.789	462.135
20290161	Tie	0.065	0.070	0.191	6	438125.261	9216044.385	462.230
20290665	Tie	0.069	0.072	0.216	5	437760.765	9215937.030	469.919
20296439	Tie	0.066	0.070	0.186	6	438315.536	9216100.315	453.408
20297405	Tie	0.063	0.066	0.180	6	438264.095	9215851.736	464.699
20298134	Tie	0.065	0.068	0.199	5	438249.652	9215804.108	462.074
20303041	Tie	0.072	0.075	0.225	4	438863.908	9215978.022	426.940
20303845	Tie	0.064	0.066	0.172	6	438727.204	9215847.622	463.196
20304727	Tie	0.062	0.064	0.174	6	438649.665	9215649.988	455.745
20311227	Tie	0.065	0.066	0.158	6	439074.205	9215678.737	483.863
20311377	Tie	0.068	0.068	0.166	5	439178.340	9215664.448	488.580
20312002	Tie	0.064	0.064	0.162	6	438995.868	9215502.676	470.623
20312991	Tie	0.063	0.064	0.162	6	439060.317	9215385.797	469.210
20313005	Tie	0.064	0.067	0.182	5	438991.532	9215324.694	483.550
20318011	Tie	0.071	0.073	0.160	6	439571.706	9215737.589	448.596
20318715	Tie	0.068	0.067	0.155	6	439486.677	9215550.080	447.089
20318716	Tie	0.068	0.068	0.153	6	439523.058	9215595.314	462.322
20320395	Tie	0.064	0.064	0.153	6	439360.404	9215260.912	471.467
20320558	Tie	0.064	0.065	0.152	6	439364.948	9215218.577	484.077
20325607	Tie	0.074	0.076	0.184	5	439986.552	9215520.330	498.984
20326428	Tie	0.069	0.069	0.163	6	439946.988	9215390.066	484.661
20327080	Tie	0.066	0.066	0.165	6	439794.858	9215175.266	454.232
20328135	Tie	0.065	0.066	0.166	6	439785.060	9215042.315	464.978
20334079	Tie	0.068	0.068	0.173	6	440298.001	9215131.733	495.992
20334747	Tie	0.067	0.067	0.176	6	440220.047	9215055.748	473.441
20334888	Tie	0.067	0.067	0.176	6	440291.252	9215040.916	478.876
20341650	Tie	0.068	0.069	0.180	6	440708.091	9215035.988	502.262
20342448	Tie	0.064	0.066	0.181	6	440634.284	9214730.637	476.329
20342570	Tie	0.065	0.066	0.178	6	440616.483	9214789.186	489.941
20343132	Tie	0.064	0.066	0.181	6	440546.693	9214720.149	483.094
20343352	Tie	0.063	0.067	0.184	6	440559.433	9214601.634	479.337
20349079	Tie	0.064	0.065	0.178	6	441021.994	9214737.419	476.438
20349209	Tie	0.065	0.065	0.178	6	441106.891	9214778.590	479.677
20349986	Tie	0.064	0.064	0.177	6	441038.693	9214690.050	475.868
20350764	Tie	0.062	0.065	0.181	6	440969.428	9214482.236	462.182
20357375	Tie	0.061	0.062	0.170	6	441353.421	9214429.772	454.404
20357504	Tie	0.060	0.061	0.169	6	441395.266	9214391.013	454.004
20358239	Tie	0.059	0.062	0.170	6	441384.149	9214308.660	454.162
20363542	Tie	0.075	0.072	0.202	3	441501.073	9214589.615	464.211

20363934	Tie	0.061	0.061	0.161	6	441916.470	9214492.905	450.804
20364582	Tie	0.059	0.059	0.157	6	441786.559	9214340.329	457.140
20364664	Tie	0.061	0.062	0.165	5	441815.563	9214299.419	459.575
20364862	Tie	0.058	0.059	0.163	6	442016.138	9214243.194	457.589
20365423	Tie	0.058	0.059	0.156	6	441782.557	9214191.541	467.019
20370706	Tie	0.060	0.060	0.166	6	442299.047	9214269.719	445.522
20371301	Tie	0.058	0.058	0.163	6	442169.927	9214114.599	448.071
20371604	Tie	0.057	0.058	0.166	6	442391.379	9214061.625	453.408
20372102	Tie	0.057	0.058	0.163	6	442119.815	9214018.829	451.165
20372208	Tie	0.057	0.059	0.164	6	442135.230	9213936.004	451.888
20378253	Tie	0.057	0.057	0.161	6	442544.420	9213894.892	465.890
20378514	Tie	0.057	0.057	0.164	6	442606.635	9213941.962	447.819
20378536	Tie	0.056	0.057	0.166	6	442753.113	9213818.576	444.346
20384568	Tie	0.057	0.056	0.160	6	442943.238	9213762.202	444.585
20384715	Tie	0.056	0.056	0.159	6	442966.387	9213686.746	445.382
20384769	Tie	0.058	0.058	0.174	5	443178.946	9213651.999	445.099
20385195	Tie	0.058	0.059	0.177	5	442887.806	9213611.602	447.616
20389157	Tie	0.056	0.055	0.156	6	443368.012	9213617.213	445.300
20389316	Tie	0.056	0.055	0.155	6	443345.533	9213524.730	449.476
20389442	Tie	0.055	0.056	0.159	6	443583.905	9213489.880	450.179
20389851	Tie	0.056	0.057	0.156	6	443238.870	9213367.623	463.221
20390159	Tie	0.058	0.057	0.175	5	443517.478	9213349.290	446.398
20394961	Tie	0.056	0.055	0.158	6	443720.045	9213344.556	453.616
20395121	Tie	0.056	0.055	0.158	6	443756.023	9213366.695	456.624
20395280	Tie	0.055	0.056	0.164	6	443962.947	9213339.528	465.156
20395857	Tie	0.059	0.062	0.170	5	443694.676	9213201.232	449.020
20396030	Tie	0.055	0.056	0.167	6	443884.335	9213190.109	458.233
20402158	Tie	0.063	0.062	0.189	4	444132.646	9213168.448	468.936
20402317	Tie	0.055	0.056	0.176	6	444358.460	9213171.913	455.844
20402774	Tie	0.057	0.058	0.182	5	444088.666	9213128.556	465.963
20403032	Tie	0.057	0.059	0.188	5	444256.879	9212911.824	457.259
20408400	Tie	0.056	0.056	0.175	6	444525.749	9213049.298	466.817
20408559	Tie	0.056	0.056	0.173	6	444516.650	9212977.522	479.484
20408727	Tie	0.055	0.057	0.186	6	444740.332	9212926.502	443.222
20409384	Tie	0.057	0.060	0.194	5	444458.716	9212856.010	457.791
20409466	Tie	0.059	0.063	0.202	5	444648.107	9212748.395	453.417
20415340	Tie	0.056	0.056	0.180	6	444925.229	9212903.745	464.047
20415542	Tie	0.056	0.057	0.182	6	444983.300	9212946.417	454.060
20415723	Tie	0.057	0.058	0.192	5	445129.864	9212790.269	468.436
20416495	Tie	0.057	0.062	0.196	5	445074.665	9212653.796	473.200
20421835	Tie	0.056	0.057	0.180	6	445390.800	9212811.984	462.490
20422533	Tie	0.056	0.056	0.182	6	445316.970	9212711.559	451.173
20422826	Tie	0.054	0.056	0.182	6	445490.229	9212591.829	453.539
20422915	Tie	0.055	0.057	0.177	6	445586.362	9212700.615	479.536
20428711	Tie	0.060	0.064	0.187	5	446049.573	9212743.225	473.105
20429947	Tie	0.056	0.056	0.172	6	445751.421	9212602.831	469.496
20430376	Tie	0.058	0.059	0.180	5	445891.259	9212423.708	486.067
20431233	Tie	0.054	0.057	0.168	6	445857.329	9212315.775	491.662
20437687	Tie	0.056	0.057	0.158	6	446247.248	9212240.273	464.629
20438524	Tie	0.056	0.058	0.162	6	446202.025	9212111.130	458.660
20438575	Tie	0.056	0.058	0.162	6	446206.735	9212151.748	452.487

20443955	Tie	0.058	0.057	0.151	6	446548.093	9212282.176	447.628
20444249	Tie	0.061	0.062	0.169	5	446787.523	9212256.752	436.003
20444735	Tie	0.058	0.057	0.153	6	446488.874	9212182.029	437.983
20445048	Tie	0.058	0.058	0.151	6	446724.770	9212114.138	463.181
20445669	Tie	0.060	0.060	0.174	5	446446.643	9212047.797	439.222
20445682	Tie	0.065	0.072	0.188	4	446549.413	9211979.731	453.975
20445866	Tie	0.058	0.059	0.153	6	446595.327	9211975.967	464.767
20450662	Tie	0.061	0.062	0.165	6	447254.232	9212179.755	476.379
20451336	Tie	0.061	0.060	0.165	6	447186.216	9212016.278	459.474
20452047	Tie	0.060	0.060	0.160	6	447087.088	9211915.306	482.722
20452482	Tie	0.064	0.062	0.169	5	446848.919	9211883.747	488.749
20452732	Tie	0.061	0.061	0.164	6	447019.226	9211799.462	466.922
20457552	Tie	0.066	0.065	0.189	5	447586.639	9212067.273	472.154
20458379	Tie	0.063	0.062	0.180	6	447565.680	9211902.359	454.650
20459270	Tie	0.062	0.061	0.175	6	447448.838	9211737.597	476.996
20459411	Tie	0.064	0.063	0.174	5	447103.073	9211709.674	497.151
20459421	Tie	0.064	0.063	0.173	5	447088.102	9211743.923	496.727
20459683	Tie	0.066	0.066	0.182	5	447248.480	9211652.194	494.160
20464469	Tie	0.066	0.067	0.200	5	447828.657	9211975.356	443.683
20464704	Tie	0.064	0.063	0.186	6	448018.199	9211798.419	450.761
20465491	Tie	0.063	0.062	0.186	6	447970.703	9211730.334	443.214
20466336	Tie	0.062	0.061	0.184	6	447858.234	9211605.057	445.737
20466347	Tie	0.064	0.065	0.192	5	447845.262	9211545.075	460.099
20467148	Tie	0.062	0.063	0.183	6	447834.900	9211424.617	455.273
20471999	Tie	0.061	0.063	0.176	6	448407.962	9211665.243	470.378
20472842	Tie	0.060	0.060	0.172	6	448333.085	9211471.393	470.639
20473610	Tie	0.065	0.064	0.194	4	448252.987	9211401.082	470.916
20473980	Tie	0.064	0.064	0.194	5	447897.745	9211389.610	453.345
20474145	Tie	0.064	0.064	0.193	5	447993.176	9211345.420	456.619
20474277	Tie	0.069	0.071	0.205	4	448044.302	9211342.555	471.541
20474446	Tie	0.061	0.062	0.173	6	448122.417	9211226.005	485.030
20474447	Tie	0.065	0.072	0.197	4	448196.765	9211293.865	492.742
20479420	Tie	0.058	0.060	0.154	6	448804.491	9211509.436	499.571
20480973	Tie	0.056	0.057	0.150	6	448608.868	9211225.438	501.242
20481347	Tie	0.070	0.079	0.208	3	448247.310	9211168.405	489.557
20481483	Tie	0.060	0.062	0.172	5	448353.808	9211145.835	509.950
20481799	Tie	0.056	0.058	0.150	6	448567.315	9211071.449	501.965
20481807	Tie	0.058	0.059	0.160	5	448608.324	9211070.178	493.897
20488706	Tie	0.050	0.051	0.110	9	449019.996	9210996.517	443.049
20488714	Tie	0.053	0.054	0.137	6	448996.884	9211004.276	443.361
20488946	Tie	0.058	0.062	0.162	5	448596.194	9211112.653	505.847
20489049	Tie	0.058	0.059	0.160	5	448627.298	9210991.896	488.286
20489156	Tie	0.060	0.063	0.186	4	448769.246	9210971.340	453.967
20495671	Tie	0.053	0.053	0.128	6	449286.620	9211076.198	457.782
20497089	Tie	0.049	0.049	0.119	8	449280.170	9210686.178	479.738
20503274	Tie	0.050	0.052	0.143	7	449685.044	9211058.871	425.496
20503498	Tie	0.046	0.047	0.131	9	449892.574	9210981.831	444.147
20503721	Tie	0.051	0.052	0.156	7	449525.433	9210990.397	441.461
20512878	Tie	0.047	0.048	0.146	8	450182.771	9210614.802	485.314
20512942	Tie	0.051	0.051	0.152	6	450138.487	9210684.103	466.368
20513422	Tie	0.058	0.058	0.191	4	450085.521	9210518.602	459.328

20513991	Tie	0.054	0.053	0.157	6	449997.678	9210392.341	470.115
20514044	Tie	0.058	0.067	0.189	4	450183.757	9210403.502	481.289
20514094	Tie	0.052	0.052	0.157	7	450091.943	9210359.434	483.173
20519233	Tie	0.063	0.079	0.244	3	450758.149	9211496.341	474.403
20520230	Tie	0.061	0.058	0.222	4	450926.491	9211242.001	542.293
20520239	Tie	0.057	0.055	0.181	5	450976.086	9211190.184	594.219
20523876	Tie	0.051	0.051	0.146	6	450520.067	9210356.479	613.681
20523906	Tie	0.052	0.052	0.150	6	450544.937	9210297.526	603.123
20524581	Tie	0.057	0.058	0.175	5	450424.568	9210180.329	554.289
20524603	Tie	0.054	0.055	0.161	6	450482.022	9210177.662	556.800
20532276	Tie	0.051	0.052	0.153	6	450970.203	9210438.272	643.620
20532280	Tie	0.052	0.052	0.160	6	450902.395	9210299.327	598.363
20532714	Tie	0.053	0.052	0.156	6	450643.663	9210256.821	581.119
20532981	Tie	0.053	0.053	0.161	6	450839.969	9210154.308	606.591
20533437	Tie	0.065	0.065	0.207	4	450660.013	9210116.817	558.077
20533627	Tie	0.054	0.054	0.167	6	450736.426	9210091.812	585.913
20533766	Tie	0.054	0.055	0.161	6	450800.293	9210052.967	624.144
20533872	Tie	0.064	0.070	0.193	3	450834.340	9210023.460	650.062
20533892	Tie	0.053	0.055	0.158	6	450837.435	9210040.859	646.095
20540056	Tie	0.053	0.057	0.171	5	451270.349	9210308.582	658.288
20540861	Tie	0.059	0.058	0.184	4	451306.366	9210264.136	671.892
20543327	Tie	0.052	0.056	0.160	6	451631.479	9210148.721	670.406
20546126	Tie	0.059	0.063	0.178	5	451792.482	9209742.746	631.786
20546913	Tie	0.062	0.069	0.191	5	451880.602	9209630.129	603.594
20550736	Tie	0.065	0.069	0.192	5	451986.107	9209650.188	568.693
20550941	Tie	0.070	0.078	0.218	4	452170.120	9209588.167	602.992
20551533	Tie	0.072	0.083	0.218	4	452001.813	9209498.384	601.714
20551535	Tie	0.072	0.080	0.219	4	451950.585	9209537.412	580.568
20551690	Tie	0.070	0.081	0.215	4	452096.143	9209543.188	618.014
20560829	Tie	0.062	0.064	0.177	5	437082.530	9215255.256	438.282
20560967	Tie	0.065	0.066	0.176	5	436893.287	9215447.671	470.738
20561153	Tie	0.082	0.084	0.267	2	436760.648	9215551.704	483.777
20561416	Tie	0.070	0.070	0.187	5	436573.062	9215592.285	467.532
20561697	Tie	0.062	0.064	0.157	6	437203.786	9215538.212	432.055
20562202	Tie	0.067	0.069	0.177	5	436797.415	9215627.371	481.413
20562738	Tie	0.068	0.069	0.173	5	437149.319	9215766.234	459.357
20562773	Tie	0.068	0.069	0.172	5	437150.708	9215766.840	459.556
20563163	Tie	0.077	0.077	0.207	4	436907.155	9215884.959	461.062
20563724	Tie	0.069	0.069	0.171	5	437159.612	9215794.351	474.652
20564067	Tie	0.077	0.079	0.205	4	436876.113	9215913.537	481.578
20570827	Tie	0.057	0.061	0.157	6	437518.880	9215156.517	455.503
20570944	Tie	0.059	0.061	0.154	6	437386.148	9215258.480	459.097
20571656	Tie	0.059	0.061	0.153	6	437403.155	9215277.002	459.009
20572357	Tie	0.062	0.067	0.173	5	437680.940	9215517.011	463.517
20573292	Tie	0.063	0.065	0.153	6	437494.116	9215646.115	460.979
20578966	Tie	0.059	0.062	0.170	5	437702.779	9215020.193	476.902
20580476	Tie	0.057	0.060	0.158	6	438000.091	9215201.010	460.971
20581365	Tie	0.060	0.063	0.166	5	438071.263	9215343.893	487.013
20581691	Tie	0.064	0.066	0.171	5	437803.014	9215497.134	481.555
20587450	Tie	0.057	0.061	0.165	6	438285.985	9214756.298	471.870
20587747	Tie	0.058	0.060	0.167	6	438129.004	9214910.668	445.396

20588317	Tie	0.058	0.059	0.158	6	438392.598	9214992.925	482.010
20590051	Tie	0.060	0.063	0.174	6	438510.107	9215227.111	445.367
20590167	Tie	0.060	0.063	0.181	5	438303.507	9215256.658	452.121
20590354	Tie	0.062	0.065	0.186	5	438173.732	9215288.143	437.922
20591588	Tie	0.062	0.064	0.175	6	438667.520	9215620.812	449.469
20596125	Tie	0.059	0.061	0.158	6	438702.802	9214639.072	497.144
20596285	Tie	0.061	0.062	0.171	5	438481.565	9214662.977	509.827
20597956	Tie	0.059	0.059	0.158	6	438574.994	9214925.763	481.347
20598803	Tie	0.061	0.063	0.174	5	438688.555	9215112.957	494.473
20605173	Tie	0.063	0.063	0.173	5	438897.517	9214565.431	502.949
20605746	Tie	0.061	0.062	0.155	6	439164.749	9214619.395	516.384
20613903	Tie	0.065	0.071	0.189	5	439457.981	9214272.318	481.555
20613951	Tie	0.066	0.068	0.186	5	439233.494	9214292.186	489.815
20614274	Tie	0.067	0.070	0.200	4	439057.888	9214398.449	491.807
20614606	Tie	0.063	0.067	0.175	6	439498.247	9214322.026	485.379
20615459	Tie	0.066	0.066	0.190	5	439632.896	9214620.862	469.552
20616275	Tie	0.067	0.069	0.190	5	439655.399	9214674.532	467.320
20616981	Tie	0.063	0.066	0.173	5	439062.120	9214944.064	505.684
20622724	Tie	0.067	0.072	0.194	5	439801.917	9214030.737	508.645
20622876	Tie	0.070	0.073	0.194	4	439658.234	9214203.589	501.580
20623671	Tie	0.063	0.068	0.180	6	439896.669	9214165.068	494.525
20625345	Tie	0.063	0.066	0.178	6	440025.005	9214447.320	497.541
20625396	Tie	0.063	0.066	0.180	6	439988.935	9214474.660	490.635
20631910	Tie	0.070	0.075	0.212	4	440212.147	9213889.676	503.937
20632083	Tie	0.068	0.072	0.194	5	440018.324	9213973.522	509.448
20632901	Tie	0.063	0.069	0.176	6	440266.525	9213982.384	514.486
20634736	Tie	0.064	0.067	0.190	5	440236.915	9214413.129	500.028
20641059	Tie	0.063	0.070	0.179	6	440551.782	9213719.424	480.725
20641834	Tie	0.061	0.066	0.174	6	440653.041	9213855.689	478.999
20641916	Tie	0.062	0.067	0.174	6	440654.595	9213786.508	484.261
20643532	Tie	0.061	0.065	0.173	6	440826.533	9214164.507	491.783
20643562	Tie	0.061	0.065	0.173	6	440780.572	9214131.582	489.045
20650142	Tie	0.062	0.068	0.164	6	440972.821	9213483.756	474.488
20650190	Tie	0.062	0.069	0.164	6	440982.811	9213473.092	475.160
20650481	Tie	0.063	0.069	0.168	6	440775.767	9213614.319	487.983
20652720	Tie	0.062	0.063	0.173	5	441131.551	9213963.781	500.912
20652849	Tie	0.064	0.070	0.199	4	440990.303	9214063.773	497.592
20658958	Tie	0.059	0.063	0.146	6	441410.100	9213391.379	481.071
20659259	Tie	0.063	0.066	0.173	5	441214.727	9213505.641	467.283
20660634	Tie	0.057	0.060	0.151	6	441488.538	9213770.561	467.054
20660784	Tie	0.059	0.062	0.170	5	441361.589	9213824.132	461.279
20667308	Tie	0.059	0.064	0.154	6	441715.922	9213210.307	459.831
20667317	Tie	0.062	0.066	0.172	5	441782.965	9213137.432	458.340
20667610	Tie	0.063	0.067	0.168	5	441567.261	9213248.965	467.875
20668914	Tie	0.057	0.059	0.154	6	441929.589	9213561.346	466.499
20669435	Tie	0.057	0.059	0.148	6	441566.614	9213735.168	479.716
20675102	Tie	0.060	0.066	0.155	6	442147.848	9212951.009	453.664
20675270	Tie	0.059	0.063	0.153	6	442086.165	9213063.753	457.262
20675315	Tie	0.068	0.076	0.195	4	441908.631	9213040.529	452.721
20676524	Tie	0.057	0.059	0.155	6	442310.860	9213379.358	455.805
20677283	Tie	0.058	0.059	0.156	6	442367.183	9213367.050	453.578

20677609	Tie	0.058	0.060	0.169	5	442115.549	9213477.657	468.582
20682648	Tie	0.066	0.072	0.184	4	442440.852	9212784.734	462.171
20682976	Tie	0.060	0.064	0.147	6	442330.010	9212911.425	458.987
20684840	Tie	0.057	0.059	0.155	6	442727.556	9213258.539	448.432
20685208	Tie	0.058	0.061	0.173	5	442546.158	9213383.013	449.195
20689560	Tie	0.064	0.073	0.170	5	442868.363	9212579.089	476.747
20689563	Tie	0.068	0.074	0.191	4	442906.339	9212552.753	479.979
20690023	Tie	0.063	0.067	0.156	5	442730.438	9212769.697	468.350
20690040	Tie	0.061	0.068	0.146	6	442515.953	9212731.898	464.641
20691795	Tie	0.056	0.059	0.155	6	443045.878	9213054.137	467.963
20693299	Tie	0.055	0.057	0.155	6	443289.300	9213361.574	461.565
20696331	Tie	0.061	0.065	0.167	6	443270.327	9212479.255	481.291
20697067	Tie	0.064	0.069	0.206	4	443332.582	9212687.158	472.334
20697890	Tie	0.062	0.063	0.184	5	443431.901	9212657.642	463.743
20698728	Tie	0.058	0.059	0.173	6	443489.032	9212857.146	453.991
20703619	Tie	0.064	0.073	0.206	5	443658.295	9212220.494	470.276
20704398	Tie	0.079	0.079	0.255	2	443756.252	9212483.787	457.952
20705165	Tie	0.058	0.060	0.182	6	443757.909	9212560.789	456.107
20705919	Tie	0.064	0.075	0.224	4	443931.993	9212742.124	465.406
20705923	Tie	0.057	0.059	0.185	6	443861.623	9212786.022	462.566
20711069	Tie	0.059	0.064	0.188	6	444101.877	9212139.990	491.781
20711866	Tie	0.058	0.062	0.186	6	444083.046	9212232.205	482.823
20712676	Tie	0.057	0.059	0.187	6	444229.524	9212410.196	469.085
20713419	Tie	0.062	0.063	0.202	5	444270.243	9212607.665	473.531
20719266	Tie	0.058	0.062	0.198	6	444435.057	9211985.851	463.004
20719272	Tie	0.064	0.070	0.227	4	444510.234	9211930.217	460.713
20721665	Tie	0.056	0.058	0.197	6	444663.091	9212411.450	455.137
20721670	Tie	0.056	0.058	0.195	6	444675.749	9212323.038	456.261
20727538	Tie	0.061	0.069	0.218	5	444777.860	9211747.813	461.754
20728310	Tie	0.056	0.060	0.198	6	444854.158	9211862.287	459.502
20728465	Tie	0.056	0.059	0.197	6	444802.874	9211932.313	458.065
20728824	Tie	0.057	0.059	0.194	6	444567.839	9212094.432	463.939
20729939	Tie	0.055	0.057	0.191	6	445030.993	9212154.769	477.210
20730229	Tie	0.058	0.058	0.203	5	444967.386	9212215.287	475.308
20735963	Tie	0.057	0.062	0.195	6	445284.460	9211646.583	486.954
20737080	Tie	0.056	0.060	0.193	6	445200.210	9211732.105	484.849
20738437	Tie	0.055	0.058	0.190	6	445362.640	9212015.867	486.096
20738442	Tie	0.057	0.060	0.200	5	445470.420	9211996.016	489.627
20738592	Tie	0.056	0.064	0.209	5	445342.852	9212103.914	487.926
20743645	Tie	0.055	0.057	0.167	6	445969.056	9212633.056	487.990
20744762	Tie	0.066	0.075	0.220	4	445578.182	9211396.811	503.954
20744997	Tie	0.061	0.066	0.199	5	445544.959	9211513.653	512.241
20745578	Tie	0.061	0.064	0.203	5	445636.078	9211566.741	506.473
20747370	Tie	0.058	0.066	0.212	5	445764.502	9211950.201	499.232
20747425	Tie	0.056	0.060	0.190	6	445711.388	9211879.905	501.150
20753423	Tie	0.069	0.081	0.226	5	445990.159	9211257.093	457.042
20753579	Tie	0.066	0.074	0.217	5	445889.138	9211359.646	467.441
20754278	Tie	0.067	0.072	0.219	5	446126.341	9211449.975	457.203
20761958	Tie	0.078	0.110	0.258	4	446391.613	9211026.283	493.258
20762009	Tie	0.075	0.092	0.243	4	446262.384	9211180.125	484.557
20762645	Tie	0.076	0.096	0.249	4	446476.117	9211177.395	496.257

20766121	Tie	0.061	0.060	0.166	5	446640.844	9211922.552	473.945
20767299	Tie	0.060	0.059	0.152	6	446983.289	9212188.515	458.064
20781871	Tie	0.065	0.065	0.182	5	447523.058	9211553.188	516.609
20781897	Tie	0.068	0.067	0.205	4	447510.643	9211535.436	515.870
20782021	Tie	0.063	0.063	0.173	6	447381.814	9211598.126	497.346
20782075	Tie	0.064	0.065	0.184	5	447397.181	9211580.310	501.636
20786158	Tie	0.072	0.084	0.245	3	447699.647	9211450.783	462.931
20799295	Tie	0.060	0.061	0.171	6	448172.467	9211220.689	490.596
20811992	Tie	0.061	0.068	0.185	6	448780.358	9210007.911	501.214
20811994	Tie	0.063	0.070	0.187	6	448707.645	9209952.140	512.588
20812052	Tie	0.061	0.064	0.182	6	448715.774	9210087.315	497.379
20813014	Tie	0.063	0.063	0.184	6	448612.180	9210159.757	482.905
20813587	Tie	0.058	0.059	0.184	6	448899.624	9210276.565	477.525
20813610	Tie	0.062	0.064	0.207	5	448854.521	9210319.441	464.621
20815467	Tie	0.055	0.058	0.181	6	448891.059	9210708.182	449.338
20820319	Tie	0.053	0.054	0.140	6	449286.343	9210770.805	457.983
20822400	Tie	0.057	0.058	0.208	6	449085.845	9210244.529	479.746
20832546	Tie	0.059	0.072	0.214	6	449375.061	9209947.658	477.424
20836463	Tie	0.048	0.048	0.155	7	450087.628	9210808.392	468.994
20853193	Tie	0.064	0.063	0.217	3	450432.015	9210208.183	562.052
20853373	Tie	0.073	0.079	0.251	2	450350.551	9210199.858	521.585
20872212	Tie	0.053	0.056	0.167	5	451475.659	9210225.047	664.482
20873468	Tie	0.051	0.055	0.156	6	451541.928	9210061.188	679.812
20873944	Tie	0.054	0.057	0.163	5	451598.336	9209976.900	692.600
20890554	Tie	0.084	0.093	0.220	6	433328.976	9215959.134	459.230
20890638	Tie	0.083	0.094	0.223	6	433270.722	9216089.802	448.469
20890806	Tie	0.086	0.098	0.237	5	433133.637	9216139.199	456.674
20890980	Tie	0.087	0.100	0.251	5	433006.433	9216190.470	439.087
20891270	Tie	0.093	0.102	0.258	5	432819.185	9216178.903	455.623
20891560	Tie	0.081	0.093	0.221	6	433403.300	9216111.755	434.985
20899215	Tie	0.081	0.090	0.204	6	433743.904	9215851.188	437.908
20899221	Tie	0.083	0.090	0.200	6	433624.378	9215832.059	484.399
20900102	Tie	0.078	0.089	0.204	6	433714.469	9216049.175	449.112
20906803	Tie	0.083	0.089	0.191	5	433997.058	9215668.053	480.024
20907497	Tie	0.078	0.086	0.181	6	434162.805	9215863.916	458.140
20908331	Tie	0.077	0.086	0.183	6	434203.472	9215934.332	458.592
20914273	Tie	0.081	0.087	0.167	6	434391.398	9215428.893	440.840
20915181	Tie	0.078	0.084	0.158	6	434446.484	9215630.658	471.557
20915880	Tie	0.078	0.084	0.163	5	434581.936	9215711.531	465.943
20923304	Tie	0.075	0.078	0.159	5	435158.079	9215539.830	435.412
20929424	Tie	0.074	0.078	0.142	6	435201.269	9215186.205	466.420
20930186	Tie	0.070	0.075	0.138	6	435471.103	9215202.867	467.735
20930273	Tie	0.072	0.076	0.142	6	435259.825	9215302.561	462.738
20930740	Tie	0.075	0.079	0.141	6	434930.188	9215492.108	461.469
20937532	Tie	0.069	0.075	0.141	6	435654.145	9214998.122	466.168
20938293	Tie	0.068	0.073	0.141	6	435695.487	9215114.401	467.011
20944572	Tie	0.080	0.081	0.259	3	436387.159	9215702.876	429.275
20944579	Tie	0.074	0.077	0.227	4	436447.491	9215712.084	443.037
20945967	Tie	0.081	0.100	0.243	4	436547.762	9216073.117	452.561
20946139	Tie	0.066	0.071	0.149	6	436185.123	9214718.697	438.299
20946211	Tie	0.067	0.073	0.148	6	436132.129	9214648.540	453.264

20946295	Tie	0.067	0.073	0.146	6	436017.658	9214744.859	444.503
20947454	Tie	0.069	0.073	0.151	5	435884.350	9215100.297	475.568
20951813	Tie	0.078	0.089	0.230	4	436503.292	9215928.789	467.578
20952864	Tie	0.065	0.067	0.178	5	436801.653	9215478.415	472.526
20954624	Tie	0.073	0.075	0.185	5	437003.152	9215876.466	456.001
20954786	Tie	0.088	0.110	0.286	3	436409.073	9216132.635	423.864
20954817	Tie	0.090	0.122	0.304	3	436298.338	9216208.448	406.638
20954879	Tie	0.062	0.065	0.148	6	436590.117	9214524.682	470.555
20954895	Tie	0.062	0.065	0.148	6	436571.074	9214551.390	466.971
20955026	Tie	0.066	0.071	0.168	5	436372.159	9214600.489	436.717
20963439	Tie	0.062	0.063	0.155	5	436932.807	9214310.053	500.136
20963783	Tie	0.063	0.067	0.165	5	436706.272	9214381.180	465.115
20964328	Tie	0.057	0.059	0.133	6	437050.546	9214551.348	514.476
20970600	Tie	0.058	0.059	0.151	6	437799.423	9215177.770	488.844
20972248	Tie	0.057	0.060	0.142	6	437179.671	9214295.467	487.262
20972918	Tie	0.056	0.059	0.143	6	437407.525	9214398.736	471.606
20973080	Tie	0.056	0.058	0.138	6	437218.673	9214411.401	501.092
20980684	Tie	0.059	0.062	0.138	6	437723.685	9214045.816	505.684
20980815	Tie	0.058	0.060	0.143	6	437552.101	9214160.307	485.109
20988986	Tie	0.064	0.069	0.162	5	438080.438	9213902.775	503.835
20997370	Tie	0.070	0.079	0.180	5	438270.693	9213715.155	522.049
20998170	Tie	0.068	0.072	0.175	5	438351.024	9213907.636	519.719
20998272	Tie	0.068	0.073	0.175	5	438346.047	9213884.600	520.436
21013374	Tie	0.063	0.067	0.183	6	439832.698	9214619.022	474.656
21059853	Tie	0.059	0.064	0.146	6	441381.498	9213378.557	481.277
21150483	Tie	0.061	0.068	0.224	4	445285.721	9211800.349	489.973
21184580	Tie	0.098	0.110	0.297	3	432717.789	9216266.125	468.040
21184725	Tie	0.105	0.112	0.311	3	432575.084	9216268.801	472.976
21185298	Tie	0.096	0.128	0.303	4	432580.355	9216579.396	459.337
21225722	Tie	0.077	0.081	0.145	6	434821.922	9215319.379	456.618
21284201	Tie	0.059	0.061	0.155	5	437604.508	9214301.817	479.606
21291694	Tie	0.062	0.065	0.152	5	437893.243	9213926.338	514.892
21292624	Tie	0.066	0.069	0.190	4	438051.733	9214240.809	485.446
30071922	Tie	0.070	0.067	0.173	5	453325.986	9209185.574	509.629
30072174	Tie	0.071	0.068	0.158	5	453680.897	9208811.843	445.549
30072964	Tie	0.069	0.066	0.150	6	453712.846	9208775.820	444.202
30073567	Tie	0.071	0.066	0.178	5	453531.045	9209290.080	493.972
30079117	Tie	0.069	0.066	0.139	7	453665.631	9208410.094	440.879
30079140	Tie	0.069	0.067	0.139	7	453636.017	9208404.363	448.003
30079233	Tie	0.070	0.067	0.146	6	453643.815	9208441.907	442.694
30085931	Tie	0.075	0.071	0.178	4	453814.704	9208110.706	461.370
30087284	Tie	0.075	0.074	0.207	3	454053.528	9208164.800	448.902
30092404	Tie	0.072	0.067	0.179	4	453966.454	9207594.728	455.046
30093030	Tie	0.066	0.063	0.160	6	454113.186	9207775.499	459.064
30093252	Tie	0.075	0.076	0.189	3	453939.224	9208044.368	474.762
30094025	Tie	0.087	0.084	0.211	2	454060.865	9208103.977	451.490
30098719	Tie	0.068	0.067	0.168	5	453955.947	9207669.829	455.606
30099082	Tie	0.074	0.066	0.191	4	454202.019	9207551.974	448.901
30099405	Tie	0.068	0.066	0.179	4	454339.553	9207409.902	461.519
30104483	Tie	0.056	0.055	0.124	6	454267.290	9206857.850	481.477
30104599	Tie	0.057	0.056	0.129	6	454217.406	9206980.819	468.062

30104839	Tie	0.067	0.062	0.167	5	454040.441	9207419.872	453.502
30104935	Tie	0.055	0.054	0.123	6	454371.767	9206885.301	482.054
30110516	Tie	0.056	0.055	0.119	6	454442.047	9206515.621	507.093
30110594	Tie	0.055	0.054	0.118	6	454407.565	9206628.079	501.776
30111077	Tie	0.055	0.054	0.119	6	454527.205	9206584.255	499.439
30117014	Tie	0.063	0.060	0.150	6	454508.283	9206200.645	457.396
30117077	Tie	0.063	0.060	0.149	6	454494.697	9206229.792	459.300
30123299	Tie	0.070	0.066	0.172	6	454734.721	9205875.330	436.203
30123410	Tie	0.068	0.064	0.169	5	454528.891	9206091.720	445.419
30123668	Tie	0.071	0.069	0.176	6	454831.478	9205782.193	431.837
30123786	Tie	0.069	0.065	0.171	6	454806.309	9205941.612	436.048
30129444	Tie	0.078	0.076	0.183	6	454928.194	9205430.776	425.099
30129451	Tie	0.079	0.076	0.183	6	454947.491	9205401.333	424.156
30129512	Tie	0.078	0.076	0.187	5	454804.315	9205539.881	427.013
30135795	Tie	0.086	0.083	0.192	5	455019.618	9204973.123	435.454
30135797	Tie	0.084	0.081	0.184	6	454996.765	9205059.005	435.876
30135946	Tie	0.083	0.080	0.183	6	454962.657	9205126.920	436.315
30142298	Tie	0.087	0.083	0.191	6	455090.988	9204761.485	423.572
30142831	Tie	0.085	0.083	0.193	6	455361.141	9204676.166	418.921
30149138	Tie	0.084	0.082	0.193	6	455336.169	9204394.615	439.636
30149712	Tie	0.084	0.082	0.196	6	455489.909	9204417.429	426.035
30150460	Tie	0.084	0.082	0.200	6	455620.972	9204433.592	425.468
30155938	Tie	0.080	0.080	0.201	5	455493.147	9204012.690	445.982
30156595	Tie	0.079	0.078	0.195	6	455635.231	9204036.084	431.604
30162447	Tie	0.072	0.071	0.192	6	455723.845	9203524.566	418.267
30162512	Tie	0.073	0.072	0.189	6	455619.470	9203559.512	440.992
30163139	Tie	0.072	0.072	0.191	6	455765.291	9203584.734	415.567
30163764	Tie	0.084	0.083	0.212	4	455598.333	9204154.353	449.027
30168801	Tie	0.068	0.067	0.185	6	455844.304	9203299.423	405.704
30174552	Tie	0.066	0.066	0.187	5	455924.112	9202948.868	405.002
30174823	Tie	0.063	0.062	0.176	6	456189.794	9202933.854	401.128
30175200	Tie	0.068	0.066	0.184	6	456067.454	9203241.937	403.419
30179474	Tie	0.059	0.059	0.170	6	456246.462	9202455.387	399.980
30180014	Tie	0.061	0.061	0.181	5	456384.176	9202521.968	401.261
30184982	Tie	0.063	0.061	0.195	4	456314.036	9202189.809	400.008
30185258	Tie	0.061	0.060	0.171	6	456167.291	9202621.349	402.894
30185472	Tie	0.057	0.058	0.175	5	456567.039	9202136.960	402.799
30185483	Tie	0.057	0.056	0.169	6	456383.449	9202212.463	400.867
30190726	Tie	0.058	0.057	0.183	5	456419.172	9201809.587	398.317
30191069	Tie	0.054	0.053	0.167	6	456594.733	9201724.178	397.034
30195942	Tie	0.053	0.053	0.168	6	456694.515	9201358.728	407.124
30196033	Tie	0.054	0.053	0.168	6	456595.388	9201435.343	406.947
30197078	Tie	0.054	0.054	0.166	6	456589.924	9201861.193	400.709
30201693	Tie	0.056	0.054	0.184	5	456851.458	9201009.133	403.247
30201700	Tie	0.054	0.052	0.173	6	456828.387	9201044.874	402.142
30202149	Tie	0.054	0.052	0.172	6	456770.728	9201190.714	405.150
30207449	Tie	0.055	0.053	0.176	6	457026.615	9200612.175	413.142
30207546	Tie	0.058	0.056	0.186	5	456822.432	9200748.716	404.152
30208039	Tie	0.055	0.053	0.174	6	457029.006	9200642.298	416.622
30214033	Tie	0.057	0.054	0.183	6	457223.433	9200356.515	417.182
30214195	Tie	0.065	0.066	0.222	3	457238.421	9200467.383	418.041

30214816	Tie	0.069	0.062	0.217	4	457386.379	9200412.251	426.672
30219985	Tie	0.065	0.059	0.213	4	457194.511	9200001.775	421.950
30220451	Tie	0.060	0.058	0.185	5	457481.786	9199946.774	463.508
30220709	Tie	0.059	0.055	0.183	6	457300.847	9200075.147	437.357
30227209	Tie	0.061	0.058	0.180	5	457545.964	9199649.301	492.166
30227909	Tie	0.062	0.059	0.181	5	457642.556	9199685.918	493.141
30233223	Tie	0.064	0.063	0.188	4	457585.986	9199141.482	486.941
30234041	Tie	0.068	0.063	0.188	4	457651.515	9199298.255	483.000
30234056	Tie	0.061	0.059	0.177	5	457712.764	9199311.642	483.829
30239483	Tie	0.060	0.058	0.172	5	457781.881	9198825.718	485.393
30239640	Tie	0.059	0.057	0.166	6	457654.615	9198931.714	487.938
30240170	Tie	0.059	0.057	0.165	6	457889.955	9198891.485	482.836
30245702	Tie	0.058	0.056	0.160	6	457967.941	9198432.072	486.713
30245793	Tie	0.058	0.056	0.159	6	457931.672	9198520.511	487.085
30245819	Tie	0.058	0.056	0.160	6	457875.295	9198582.100	487.844
30251983	Tie	0.060	0.059	0.168	5	458101.067	9198122.529	472.745
30252070	Tie	0.061	0.058	0.167	5	457991.451	9198168.232	483.142
30252606	Tie	0.062	0.059	0.168	5	458218.916	9198125.664	463.528
30257964	Tie	0.057	0.056	0.156	6	458097.477	9197864.396	457.750
30263717	Tie	0.063	0.058	0.175	5	458426.277	9197310.742	437.639
30263908	Tie	0.061	0.057	0.165	6	458385.617	9197428.046	438.338
30264018	Tie	0.063	0.063	0.185	4	458293.271	9197509.960	440.190
30264179	Tie	0.061	0.059	0.175	5	458218.734	9197730.266	449.649
30264819	Tie	0.060	0.058	0.161	6	458346.417	9197729.086	452.134
30270076	Tie	0.067	0.059	0.190	5	458513.026	9196971.413	428.670
30270121	Tie	0.070	0.060	0.191	5	458590.191	9196968.689	427.536
30276301	Tie	0.087	0.078	0.262	4	458632.693	9196580.585	445.851
30276544	Tie	0.082	0.072	0.238	3	458616.117	9196779.268	440.861
30276937	Tie	0.088	0.070	0.226	5	458865.061	9196726.929	433.243
30283088	Tie	0.106	0.101	0.352	3	458776.528	9196251.097	426.971
30288503	Tie	0.075	0.076	0.233	3	453227.274	9209471.119	459.891
30288833	Tie	0.076	0.077	0.237	3	453304.481	9209509.009	441.577
30297212	Tie	0.077	0.081	0.228	3	453408.292	9209436.843	451.637
30325529	Tie	0.073	0.070	0.186	4	453940.671	9207908.696	478.703
30331966	Tie	0.068	0.065	0.176	4	454050.105	9207216.148	458.534
30377724	Tie	0.086	0.083	0.191	6	455122.599	9204716.728	427.288
30402669	Tie	0.070	0.068	0.185	6	456029.840	9203401.046	408.546
30414079	Tie	0.064	0.062	0.177	6	456241.549	9202918.292	401.617
30437963	Tie	0.053	0.052	0.167	6	456839.619	9201386.731	410.318
30462510	Tie	0.060	0.057	0.171	6	457620.566	9199618.680	492.273
30477252	Tie	0.069	0.083	0.401	3	457322.752	9198933.794	474.369
30478285	Tie	0.066	0.069	0.393	3	457286.460	9198780.965	475.158
30480054	Tie	0.069	0.061	0.244	5	456971.399	9198541.402	464.126
30480211	Tie	0.060	0.058	0.232	5	457103.800	9198473.017	488.200
30481689	Tie	0.096	0.073	0.302	4	456742.286	9198343.502	456.130
30483476	Tie	0.069	0.067	0.264	4	457547.998	9198793.177	491.933
30483568	Tie	0.072	0.063	0.241	5	457649.749	9198723.011	490.899
30484575	Tie	0.074	0.070	0.381	3	457553.613	9198478.990	501.861
30484762	Tie	0.060	0.053	0.195	6	457660.910	9198259.334	500.077
30485132	Tie	0.059	0.063	0.292	4	457343.223	9198517.706	502.826
30485273	Tie	0.055	0.058	0.210	5	457441.292	9198414.574	502.520

30485530	Tie	0.054	0.055	0.190	6	457476.143	9198337.004	503.380
30485586	Tie	0.055	0.053	0.190	6	457534.666	9198237.090	503.573
30485939	Tie	0.063	0.062	0.266	4	457141.552	9198593.475	471.953
30486264	Tie	0.052	0.053	0.185	6	457375.642	9198257.535	512.361
30487062	Tie	0.055	0.054	0.186	6	457185.061	9198192.917	508.953
30487522	Tie	0.072	0.061	0.244	5	456933.127	9198455.274	466.795
30487729	Tie	0.079	0.065	0.305	4	456951.509	9198269.270	465.487
30488448	Tie	0.091	0.067	0.310	4	456855.738	9198252.746	462.350
30488461	Tie	0.097	0.073	0.313	4	456811.320	9198158.890	461.024
30488627	Tie	0.071	0.058	0.201	6	456917.184	9198064.413	466.519
30488750	Tie	0.101	0.061	0.297	4	456912.014	9197970.031	492.561
30488762	Tie	0.074	0.061	0.210	5	456915.585	9197950.656	497.398
30491654	Tie	0.071	0.070	0.297	4	457878.213	9197918.298	486.169
30491783	Tie	0.056	0.052	0.185	6	457758.818	9197946.000	504.827
30492339	Tie	0.053	0.052	0.182	6	457651.884	9197959.628	507.474
30492520	Tie	0.055	0.052	0.183	6	457714.796	9197936.124	510.319
30494060	Tie	0.054	0.053	0.177	6	457343.186	9197695.543	519.737
30494071	Tie	0.054	0.052	0.177	6	457356.582	9197740.104	519.022
30494829	Tie	0.061	0.055	0.178	6	457192.389	9197674.414	524.323
30495456	Tie	0.073	0.058	0.203	5	457066.928	9197774.982	518.074
30495565	Tie	0.068	0.057	0.197	5	457148.788	9197631.534	525.579
30495593	Tie	0.069	0.057	0.198	5	457127.509	9197629.334	525.520
30495616	Tie	0.058	0.053	0.145	6	457110.949	9197630.315	525.317
30495669	Tie	0.070	0.057	0.198	5	457112.956	9197639.691	524.789
30498160	Tie	0.055	0.054	0.197	6	457889.717	9197634.820	463.208
30498337	Tie	0.059	0.053	0.201	6	457974.043	9197571.592	452.479
30498968	Tie	0.055	0.053	0.196	6	457879.939	9197612.905	463.910
30498995	Tie	0.054	0.053	0.195	6	457854.606	9197620.123	466.314
30499125	Tie	0.054	0.051	0.197	6	457856.449	9197505.697	456.039
30500613	Tie	0.054	0.051	0.187	6	457504.678	9197453.341	492.673
30500718	Tie	0.054	0.053	0.188	6	457515.150	9197326.987	493.449
30501412	Tie	0.059	0.052	0.186	6	457390.110	9197418.815	503.229
30502071	Tie	0.061	0.056	0.141	5	457173.025	9197470.861	525.331
30502212	Tie	0.074	0.056	0.207	5	457214.053	9197431.620	522.874
30502246	Tie	0.057	0.054	0.143	6	457181.122	9197396.030	525.622
30502374	Tie	0.066	0.056	0.187	6	457276.748	9197291.507	518.472
30502392	Tie	0.066	0.055	0.187	6	457270.393	9197319.308	518.367
30504313	Tie	0.066	0.054	0.206	6	458244.146	9197212.888	432.730
30505741	Tie	0.054	0.052	0.195	6	458023.858	9197229.628	453.040
30505847	Tie	0.053	0.051	0.193	6	457981.890	9197092.274	458.827
30507578	Tie	0.052	0.051	0.182	6	457730.997	9197062.197	498.708
30508280	Tie	0.056	0.053	0.184	6	457610.983	9196988.692	500.596
30508629	Tie	0.063	0.055	0.187	6	457320.660	9197294.803	513.531
30508899	Tie	0.077	0.059	0.211	5	457336.895	9197003.305	515.468
30511665	Tie	0.059	0.055	0.192	6	458251.276	9196928.082	446.901
30511844	Tie	0.060	0.054	0.190	6	458283.278	9196839.852	449.827
30512400	Tie	0.055	0.054	0.189	6	458173.705	9196882.531	449.209
30512592	Tie	0.054	0.053	0.187	6	458143.913	9196839.594	455.962
30513327	Tie	0.052	0.052	0.184	6	458075.311	9196742.251	463.090
30513396	Tie	0.052	0.053	0.183	6	458016.227	9196673.008	464.330
30514029	Tie	0.055	0.053	0.184	6	457822.192	9196619.071	468.452

30515419	Tie	0.072	0.056	0.211	5	457570.495	9196709.434	489.738
30518382	Tie	0.070	0.060	0.228	5	458435.224	9196562.398	450.861
30518552	Tie	0.080	0.064	0.267	4	458519.826	9196465.549	456.674
30519089	Tie	0.065	0.058	0.221	5	458363.915	9196530.005	463.949
30519220	Tie	0.060	0.057	0.219	5	458259.151	9196424.634	459.162
30519931	Tie	0.057	0.056	0.217	5	458206.211	9196457.897	461.008
30520570	Tie	0.056	0.057	0.214	5	458041.801	9196370.498	465.959
30520773	Tie	0.059	0.063	0.229	4	458040.756	9196282.096	462.016
30521028	Tie	0.060	0.054	0.206	5	457765.091	9196658.260	470.924
30521445	Tie	0.060	0.057	0.212	5	457913.807	9196336.363	474.111
30521966	Tie	0.090	0.069	0.293	4	457661.362	9196344.512	485.569
30522253	Tie	0.113	0.067	0.366	3	457705.657	9196172.982	488.859
30522388	Tie	0.117	0.102	0.353	3	458904.936	9196245.826	426.809
30524242	Tie	0.068	0.078	0.398	3	457304.425	9198889.855	475.987
30524421	Tie	0.058	0.061	0.230	5	457376.529	9198667.491	503.082
30525008	Tie	0.076	0.071	0.407	3	457038.795	9198758.539	453.284
30525274	Tie	0.055	0.057	0.209	5	457332.680	9198375.671	504.931
30525657	Tie	0.121	0.109	0.633	2	456914.303	9198801.693	446.144
30525661	Tie	0.099	0.104	0.624	2	457001.606	9198786.753	451.394
30526459	Tie	0.059	0.056	0.187	6	457106.457	9198060.486	503.028
30526608	Tie	0.185	0.082	0.640	2	456699.510	9198623.907	456.335
30526624	Tie	0.129	0.075	0.421	3	456719.176	9198624.731	453.543
30528241	Tie	0.071	0.069	0.193	4	456688.834	9198253.858	460.889
30529328	Tie	0.113	0.066	0.325	4	456709.338	9198434.581	458.564
30555586	Tie	0.064	0.055	0.187	6	457456.308	9196932.946	504.578
30555600	Tie	0.071	0.066	0.216	4	457434.467	9196916.065	502.859
30563501	Tie	0.056	0.055	0.205	5	457867.306	9196755.025	470.947
30564412	Tie	0.069	0.063	0.249	4	457648.338	9196545.945	466.408
30569177	Tie	0.067	0.055	0.158	7	458477.930	9196979.609	431.027
30571572	Tie	0.057	0.054	0.185	6	457602.438	9196942.739	499.381
30571881	Tie	0.061	0.059	0.213	5	457904.284	9196289.808	469.995
30572105	Tie	0.072	0.062	0.210	5	457594.471	9196428.659	479.045
30573683	Tie	0.072	0.069	0.251	4	457799.697	9196109.783	461.021
30573696	Tie	0.072	0.071	0.250	4	457810.306	9196086.187	466.108
30579031	Tie	0.084	0.067	0.263	4	458557.370	9196059.286	427.214
30579668	Tie	0.068	0.068	0.249	4	458336.543	9195950.324	432.904
30584856	Tie	0.095	0.068	0.271	4	458659.817	9196167.593	427.647
30585454	Tie	0.109	0.070	0.280	4	458769.630	9196143.456	424.958
30585494	Tie	0.115	0.073	0.287	4	458815.725	9196237.233	425.402
30585535	Tie	0.100	0.070	0.275	4	458704.221	9196210.460	429.450
30586869	Tie	0.079	0.071	0.238	4	457854.833	9195836.444	449.370
40063876	Tie	0.080	0.075	0.216	5	461670.259	9187351.602	556.268
40064300	Tie	0.101	0.094	0.329	3	461676.711	9187102.968	581.385
40064356	Tie	0.083	0.079	0.220	5	461654.992	9187292.052	557.317
40064778	Tie	0.087	0.086	0.265	4	461851.653	9187127.498	590.729
40067777	Tie	0.064	0.062	0.184	5	461720.959	9187798.733	545.671
40067899	Tie	0.072	0.065	0.205	5	461705.861	9187826.280	543.927
40068169	Tie	0.093	0.078	0.277	4	461603.173	9187504.097	543.376
40069272	Tie	0.077	0.075	0.256	4	461986.191	9187264.524	590.366
40069361	Tie	0.063	0.062	0.182	5	462061.213	9187583.080	572.889
40069467	Tie	0.061	0.061	0.180	5	462120.386	9187649.884	577.267

40069669	Tie	0.080	0.080	0.260	4	461986.691	9187192.009	588.293
40071391	Tie	0.080	0.081	0.232	4	462390.952	9187282.398	605.942
40071493	Tie	0.083	0.082	0.233	4	462434.754	9187288.888	606.047
40075085	Tie	0.058	0.056	0.140	7	462243.745	9187951.077	559.278
40077187	Tie	0.069	0.068	0.212	6	462491.249	9187624.403	557.040
40078561	Tie	0.079	0.083	0.201	6	462730.296	9187396.547	591.656
40081432	Tie	0.060	0.058	0.156	6	462333.350	9188038.240	535.263
40081675	Tie	0.075	0.068	0.300	4	462499.999	9188206.668	525.065
40082712	Tie	0.081	0.074	0.281	3	462514.664	9187695.238	551.819
40082987	Tie	0.069	0.068	0.226	6	462723.632	9187898.437	528.620
40084154	Tie	0.078	0.079	0.204	6	462801.783	9187528.713	573.112
40084283	Tie	0.077	0.078	0.205	6	462817.617	9187564.251	570.628
40085475	Tie	0.097	0.091	0.223	6	463205.652	9187694.987	574.311
40085710	Tie	0.117	0.068	0.350	4	462197.079	9188421.719	526.261
40086103	Tie	0.065	0.066	0.227	6	462504.558	9188608.750	476.550
40087116	Tie	0.070	0.059	0.228	6	462388.389	9188162.252	521.657
40087677	Tie	0.068	0.071	0.228	6	462811.173	9188603.345	471.931
40087681	Tie	0.068	0.071	0.227	6	462816.447	9188583.622	472.876
40087927	Tie	0.064	0.065	0.241	6	462631.012	9188245.675	492.859
40088016	Tie	0.068	0.068	0.273	5	462672.791	9188298.647	479.756
40088113	Tie	0.070	0.071	0.276	4	462694.781	9188303.395	479.413
40088158	Tie	0.078	0.078	0.287	3	462875.714	9188404.473	471.689
40088304	Tie	0.076	0.075	0.264	5	462964.318	9188478.774	475.229
40089639	Tie	0.075	0.074	0.223	6	462905.340	9187848.059	564.807
40089784	Tie	0.083	0.078	0.253	5	463032.246	9188025.317	534.029
40089959	Tie	0.095	0.085	0.263	4	463207.301	9188147.087	524.267
40090411	Tie	0.101	0.088	0.236	6	463282.350	9187943.175	550.627
40090461	Tie	0.103	0.086	0.245	6	463322.654	9188095.808	518.800
40092386	Tie	0.070	0.078	0.221	6	462838.132	9188843.853	469.536
40093027	Tie	0.070	0.073	0.220	6	462866.575	9188696.750	467.334
40093072	Tie	0.074	0.079	0.220	6	462982.724	9188788.092	473.915
40093780	Tie	0.080	0.084	0.238	5	463090.710	9188790.105	474.737
40109641	Tie	0.073	0.082	0.248	4	460933.525	9191404.279	453.594
40109803	Tie	0.072	0.077	0.233	5	460928.413	9191387.462	453.088
40110291	Tie	0.060	0.061	0.206	6	461144.425	9190981.708	425.511
40110711	Tie	0.067	0.073	0.223	5	460814.591	9191310.471	471.985
40111204	Tie	0.068	0.070	0.240	3	461045.314	9190941.007	431.492
40116448	Tie	0.058	0.059	0.202	5	461173.652	9190740.531	422.236
40117220	Tie	0.057	0.058	0.199	5	461136.377	9190697.937	422.950
40123140	Tie	0.065	0.069	0.220	3	461359.655	9190374.590	473.564
40123304	Tie	0.055	0.053	0.168	5	461396.883	9190288.131	476.100
40130094	Tie	0.059	0.055	0.192	4	461530.999	9190037.569	459.690
40130241	Tie	0.053	0.050	0.161	6	461504.072	9189918.404	465.110
40130393	Tie	0.054	0.052	0.172	5	461566.032	9189824.560	468.283
40137109	Tie	0.054	0.051	0.164	6	461617.695	9189621.642	475.125
40137796	Tie	0.053	0.050	0.163	6	461595.153	9189605.605	478.574
40137831	Tie	0.053	0.049	0.160	6	461519.269	9189505.692	493.237
40143955	Tie	0.055	0.051	0.164	6	461820.642	9189190.345	491.548
40144585	Tie	0.054	0.050	0.165	6	461667.246	9189209.876	488.716
40144651	Tie	0.054	0.050	0.161	6	461724.263	9189125.428	500.887
40151178	Tie	0.058	0.057	0.173	5	462054.926	9188832.109	514.832

40152003	Tie	0.059	0.059	0.172	4	461985.077	9188687.577	556.735
40158833	Tie	0.055	0.054	0.149	6	462008.543	9188437.771	554.384
40159076	Tie	0.056	0.055	0.149	6	462038.246	9188357.172	552.762
40159616	Tie	0.055	0.054	0.149	6	461969.483	9188431.456	555.661
40163347	Tie	0.077	0.075	0.253	5	462990.761	9188256.918	492.809
40164689	Tie	0.066	0.061	0.227	6	462512.197	9188118.128	521.152
40165670	Tie	0.058	0.056	0.148	7	462246.554	9187970.447	554.977
40166091	Tie	0.056	0.056	0.147	7	462127.004	9188056.621	565.288
40172006	Tie	0.076	0.074	0.225	6	462922.068	9187874.740	558.016
40173518	Tie	0.075	0.075	0.250	5	462561.189	9187612.906	560.243
40174476	Tie	0.064	0.064	0.163	5	462234.963	9187634.034	572.227
40174674	Tie	0.078	0.070	0.228	5	462284.662	9187540.127	576.136
40181228	Tie	0.081	0.086	0.212	5	462615.560	9187290.761	609.703
40186910	Tie	0.091	0.102	0.224	4	462689.586	9187118.758	627.514
40195041	Tie	0.060	0.058	0.147	6	457184.303	9196749.609	527.892
40197929	Tie	0.064	0.061	0.128	6	457447.660	9195991.085	510.443
40197956	Tie	0.064	0.061	0.128	6	457436.861	9196045.156	508.434
40199303	Tie	0.074	0.071	0.164	4	457725.207	9195365.172	455.486
40199312	Tie	0.068	0.064	0.128	6	457647.635	9195613.302	450.885
40200075	Tie	0.075	0.071	0.158	6	458029.727	9194812.342	450.794
40200197	Tie	0.075	0.070	0.156	6	457918.272	9194957.440	450.773
40200256	Tie	0.075	0.070	0.157	6	457965.738	9194914.904	447.027
40200543	Tie	0.075	0.070	0.158	5	457778.780	9195160.556	448.501
40200747	Tie	0.074	0.070	0.157	6	458058.794	9194868.497	447.263
40201241	Tie	0.071	0.066	0.140	6	457891.385	9195280.027	445.279
40201281	Tie	0.070	0.065	0.137	6	457864.747	9195368.656	450.096
40205998	Tie	0.075	0.074	0.163	5	458197.503	9194496.527	479.206
40206039	Tie	0.076	0.074	0.161	5	458130.625	9194425.896	508.610
40206200	Tie	0.075	0.071	0.159	6	458120.304	9194627.914	463.184
40206858	Tie	0.074	0.070	0.158	6	458207.181	9194685.708	466.553
40212664	Tie	0.078	0.078	0.172	4	458241.225	9194190.324	484.819
40212672	Tie	0.074	0.071	0.146	6	458307.691	9194242.623	477.536
40213298	Tie	0.074	0.073	0.150	5	458486.754	9194114.055	475.775
40219445	Tie	0.076	0.075	0.154	5	458440.579	9193685.581	487.061
40220268	Tie	0.073	0.072	0.135	6	458648.452	9193859.658	482.000
40220791	Tie	0.075	0.073	0.156	5	458472.837	9194199.154	456.743
40220971	Tie	0.074	0.072	0.138	6	458750.613	9193867.408	475.799
40226553	Tie	0.077	0.076	0.167	5	458650.944	9193442.310	496.085
40227364	Tie	0.075	0.074	0.153	6	458714.309	9193579.043	481.276
40233552	Tie	0.081	0.079	0.188	4	458820.910	9193041.158	548.876
40233591	Tie	0.079	0.077	0.177	5	458801.071	9192982.240	546.221
40234564	Tie	0.078	0.076	0.177	5	458895.577	9193140.040	529.015
40235838	Tie	0.075	0.074	0.154	6	458794.531	9193588.537	483.029
40241353	Tie	0.080	0.075	0.186	5	458984.751	9192785.789	527.792
40247468	Tie	0.079	0.072	0.191	5	459058.167	9192389.018	477.977
40248059	Tie	0.075	0.071	0.181	5	459224.891	9192331.934	492.241
40248226	Tie	0.080	0.073	0.198	4	459147.112	9192390.948	486.902
40254314	Tie	0.067	0.065	0.151	6	459256.117	9191822.435	468.774
40254514	Tie	0.071	0.065	0.161	6	459232.649	9191983.841	476.949
40255141	Tie	0.071	0.065	0.164	6	459382.657	9192010.660	462.258
40261390	Tie	0.063	0.061	0.140	5	459399.505	9191441.240	460.267

40261649	Tie	0.066	0.064	0.156	5	459329.801	9191673.121	453.987
40261981	Tie	0.063	0.062	0.144	5	459567.746	9191498.702	444.737
40268921	Tie	0.060	0.059	0.136	5	459624.563	9191207.675	521.036
40269264	Tie	0.061	0.060	0.139	5	459554.062	9191385.809	464.059
40275662	Tie	0.089	0.097	0.301	3	460798.025	9191637.754	437.778
40275841	Tie	0.086	0.105	0.323	3	460649.778	9191701.818	428.154
40276347	Tie	0.060	0.060	0.159	5	459691.470	9190797.400	487.488
40276694	Tie	0.059	0.058	0.144	5	459704.973	9191050.487	518.454
40282785	Tie	0.061	0.064	0.209	6	461072.441	9191068.514	425.688
40282833	Tie	0.090	0.110	0.324	3	460714.921	9191747.527	427.628
40283414	Tie	0.062	0.065	0.182	4	459810.558	9190539.347	476.974
40283626	Tie	0.062	0.061	0.176	4	459780.212	9190707.748	476.396
40283917	Tie	0.057	0.058	0.168	5	460074.922	9190515.073	467.340
40284347	Tie	0.057	0.059	0.152	5	459941.544	9190828.209	519.520
40284677	Tie	0.063	0.066	0.196	4	460164.626	9190525.363	463.689
40289952	Tie	0.060	0.058	0.198	5	461273.632	9190663.594	428.913
40290493	Tie	0.063	0.066	0.184	4	460072.843	9189981.600	445.743
40290500	Tie	0.052	0.054	0.141	6	460126.801	9190045.253	452.060
40291032	Tie	0.060	0.061	0.178	4	460136.490	9190118.028	459.916
40296917	Tie	0.052	0.051	0.160	6	461236.278	9190278.678	473.893
40297260	Tie	0.052	0.052	0.129	6	460188.951	9189655.778	462.418
40297286	Tie	0.050	0.051	0.128	6	460290.681	9189674.518	455.916
40297882	Tie	0.050	0.051	0.127	6	460294.372	9189738.403	457.870
40303976	Tie	0.057	0.056	0.160	5	460405.693	9189312.604	439.472
40304806	Tie	0.055	0.053	0.148	5	460515.995	9189568.812	452.186
40305155	Tie	0.054	0.053	0.152	5	460649.693	9189426.048	462.056
40310504	Tie	0.069	0.069	0.194	3	460488.930	9189022.267	482.772
40311807	Tie	0.055	0.054	0.162	5	460742.748	9189170.753	474.990
40316619	Tie	0.068	0.068	0.204	3	460688.931	9188806.654	477.352
40317029	Tie	0.059	0.059	0.176	6	460858.380	9188716.642	469.529
40317139	Tie	0.064	0.064	0.211	3	460782.251	9188998.637	463.270
40317439	Tie	0.059	0.061	0.184	6	460953.326	9188625.301	463.456
40322662	Tie	0.065	0.068	0.208	5	461082.909	9188331.418	486.884
40322744	Tie	0.066	0.065	0.203	5	460932.917	9188417.276	469.544
40327474	Tie	0.057	0.056	0.164	5	462069.357	9188697.162	546.486
40327632	Tie	0.086	0.089	0.259	4	461037.989	9187888.300	491.869
40327766	Tie	0.087	0.085	0.256	4	460972.397	9187953.377	481.216
40328091	Tie	0.069	0.066	0.202	5	460844.950	9188400.001	483.209
40328158	Tie	0.078	0.084	0.248	4	461143.613	9187948.679	504.529
40336179	Tie	0.065	0.063	0.184	5	461717.462	9187732.108	544.807
40340150	Tie	0.102	0.094	0.255	4	461429.618	9187215.049	560.806
40346416	Tie	0.114	0.106	0.339	3	461578.957	9187018.209	586.505
40346731	Tie	0.104	0.099	0.333	3	461662.052	9187054.945	580.850
40346977	Tie	0.108	0.119	0.341	3	461733.882	9186880.473	607.241
40348339	Tie	0.062	0.058	0.145	6	456765.133	9197809.648	497.344
40349364	Tie	0.057	0.054	0.138	7	456946.797	9197914.968	500.399
40349835	Tie	0.061	0.058	0.146	6	456786.516	9197940.652	490.379
40364987	Tie	0.057	0.052	0.141	7	457239.061	9197266.231	520.060
40371326	Tie	0.059	0.057	0.148	6	457219.576	9196824.367	524.137
40377955	Tie	0.060	0.057	0.144	6	457462.151	9196414.102	474.569
40378628	Tie	0.061	0.058	0.169	5	457624.520	9196503.986	469.687

40379932	Tie	0.063	0.061	0.143	6	457327.394	9196283.683	491.128
40385599	Tie	0.062	0.059	0.127	6	457550.034	9196088.230	501.251
40391964	Tie	0.066	0.062	0.127	6	457680.026	9195721.706	451.046
40392157	Tie	0.067	0.064	0.129	6	457735.001	9195563.479	448.298
40397111	Tie	0.079	0.078	0.209	3	458059.732	9195198.820	443.804
40446256	Tie	0.081	0.079	0.202	4	458856.014	9192764.507	532.110
40446269	Tie	0.081	0.076	0.191	5	458850.039	9192728.191	527.874
40474537	Tie	0.061	0.060	0.138	5	459562.838	9191336.452	476.363
40529170	Tie	0.063	0.062	0.196	5	460931.751	9188593.650	464.126
50049030	Tie	0.090	0.093	0.281	3	465899.362	9190874.961	424.877
50050027	Tie	0.085	0.079	0.259	4	465881.905	9190820.321	425.937
50050033	Tie	0.081	0.074	0.247	4	465842.909	9190728.619	430.867
50054394	Tie	0.064	0.063	0.163	5	465886.569	9189948.952	451.288
50055032	Tie	0.067	0.064	0.178	5	465568.756	9190020.074	452.157
50055055	Tie	0.067	0.064	0.178	5	465585.027	9190035.678	452.387
50055123	Tie	0.071	0.066	0.187	4	465575.592	9190065.917	452.722
50055348	Tie	0.062	0.062	0.154	6	465830.277	9189900.508	440.380
50055499	Tie	0.064	0.063	0.155	5	465854.109	9189832.308	461.352
50056714	Tie	0.063	0.065	0.151	5	465923.526	9189577.715	469.550
50056737	Tie	0.070	0.069	0.194	4	465496.920	9189699.126	461.410
50057217	Tie	0.074	0.071	0.176	3	465709.805	9189549.571	469.712
50062579	Tie	0.060	0.062	0.126	6	466193.092	9189680.045	483.237
50063519	Tie	0.061	0.062	0.122	6	466206.406	9189474.855	484.801
50064114	Tie	0.074	0.073	0.153	3	466067.871	9189378.359	482.287
50064137	Tie	0.063	0.063	0.122	6	466071.094	9189392.427	482.276
50070341	Tie	0.063	0.063	0.142	6	466501.311	9189382.469	460.213
50070745	Tie	0.069	0.068	0.158	4	466167.737	9189252.897	481.463
50070752	Tie	0.069	0.068	0.158	4	466170.626	9189257.110	481.888
50070754	Tie	0.072	0.070	0.195	3	466226.763	9189301.212	473.785
50070861	Tie	0.067	0.066	0.149	5	466258.043	9189203.422	472.249
50070971	Tie	0.076	0.072	0.180	3	466447.087	9189182.926	457.679
50071026	Tie	0.071	0.074	0.168	4	466489.643	9189181.378	464.104
50071148	Tie	0.066	0.066	0.147	6	466497.389	9189151.178	458.990
50077116	Tie	0.073	0.069	0.174	4	466798.363	9189161.378	487.532
50077344	Tie	0.068	0.066	0.162	6	466792.805	9189119.685	484.930
50077368	Tie	0.068	0.067	0.162	6	466793.570	9189076.994	487.605
50077369	Tie	0.072	0.073	0.198	4	466989.527	9189107.582	466.813
50077802	Tie	0.072	0.071	0.191	4	466613.700	9189007.053	484.924
50077814	Tie	0.078	0.075	0.204	3	466678.284	9188964.033	492.512
50084444	Tie	0.072	0.070	0.173	6	467180.632	9188977.314	493.950
50084523	Tie	0.074	0.073	0.175	5	467222.959	9188831.588	532.558
50085194	Tie	0.074	0.073	0.179	5	467202.818	9188817.343	529.590
50090553	Tie	0.082	0.081	0.211	3	467534.146	9188833.923	561.370
50091553	Tie	0.075	0.076	0.175	5	467656.798	9188645.397	501.243
50092382	Tie	0.076	0.078	0.180	5	467561.449	9188538.559	496.271
50098715	Tie	0.074	0.076	0.158	6	467879.239	9188437.078	478.137
50099315	Tie	0.079	0.082	0.201	4	467632.317	9188405.065	460.700
50099466	Tie	0.079	0.082	0.197	4	467738.834	9188343.321	482.212
50104986	Tie	0.076	0.076	0.154	5	468339.763	9188440.242	502.631
50105010	Tie	0.076	0.076	0.154	5	468263.314	9188454.228	501.655
50105803	Tie	0.074	0.074	0.138	6	468260.095	9188318.981	535.975

50106355	Tie	0.077	0.078	0.160	5	468016.597	9188206.063	517.808
50106663	Tie	0.080	0.080	0.180	4	468078.837	9188171.787	533.638
50112994	Tie	0.078	0.079	0.160	6	468557.339	9188126.139	497.723
50113007	Tie	0.079	0.079	0.162	6	468619.890	9188137.898	491.791
50113750	Tie	0.079	0.080	0.162	6	468568.720	9188034.662	503.404
50119890	Tie	0.083	0.084	0.188	5	468796.538	9187931.308	503.590
50120503	Tie	0.083	0.083	0.188	5	468709.564	9187946.077	490.008
50120864	Tie	0.086	0.086	0.188	5	468819.063	9187819.634	520.167
50120981	Tie	0.085	0.086	0.189	5	468933.514	9187796.523	547.573
50126079	Tie	0.085	0.086	0.199	6	469257.600	9187862.366	492.118
50126199	Tie	0.085	0.087	0.201	6	469302.753	9187859.404	488.654
50126214	Tie	0.086	0.087	0.202	6	469326.855	9187950.013	490.783
50127625	Tie	0.089	0.091	0.217	4	469079.855	9187611.959	524.598
50127866	Tie	0.085	0.090	0.205	6	469357.718	9187578.206	502.182
50134008	Tie	0.085	0.089	0.204	6	469584.577	9187533.389	508.687
50134027	Tie	0.087	0.090	0.211	5	469564.293	9187487.781	514.479
50135044	Tie	0.088	0.097	0.228	4	469688.360	9187355.475	512.237
50140373	Tie	0.083	0.088	0.212	6	469957.533	9187441.150	469.296
50141115	Tie	0.083	0.088	0.211	6	469948.002	9187371.068	470.670
50141276	Tie	0.081	0.090	0.220	6	470021.747	9187207.091	440.059
50141308	Tie	0.086	0.095	0.239	4	469993.121	9187230.247	447.336
50141929	Tie	0.085	0.090	0.217	5	469882.930	9187268.358	491.669
50148309	Tie	0.078	0.083	0.209	5	470396.843	9187026.062	458.745
50148773	Tie	0.081	0.088	0.215	5	470124.541	9187149.117	484.102
50148916	Tie	0.082	0.089	0.225	4	470188.910	9187038.042	493.579
50154729	Tie	0.073	0.076	0.218	4	470843.411	9187093.359	477.807
50154743	Tie	0.068	0.073	0.187	6	470825.376	9186998.078	487.211
50155540	Tie	0.069	0.074	0.191	6	470777.317	9186902.187	459.014
50156132	Tie	0.076	0.081	0.200	5	470529.458	9186843.335	495.123
50162670	Tie	0.066	0.067	0.191	6	471119.482	9186711.323	457.823
50163515	Tie	0.078	0.083	0.232	3	471023.711	9186576.225	451.265
50168948	Tie	0.067	0.065	0.196	6	471376.411	9186506.061	444.920
50169758	Tie	0.078	0.078	0.246	3	471082.522	9186448.192	452.511
50169976	Tie	0.071	0.069	0.199	6	471339.978	9186312.871	455.607
50175315	Tie	0.067	0.064	0.193	6	471789.167	9186364.001	448.259
50181329	Tie	0.070	0.066	0.193	5	472023.202	9186315.460	452.667
50181661	Tie	0.068	0.066	0.180	6	472153.956	9186205.314	454.021
50182461	Tie	0.070	0.067	0.178	6	472124.934	9186035.406	460.760
50189141	Tie	0.068	0.067	0.151	6	472576.227	9186005.455	479.888
50190039	Tie	0.068	0.067	0.152	6	472505.451	9185984.925	482.258
50190641	Tie	0.069	0.068	0.158	6	472349.505	9185851.741	482.502
50198049	Tie	0.070	0.073	0.166	4	472690.351	9185621.558	507.259
50198081	Tie	0.082	0.089	0.213	2	472729.774	9185542.200	510.826
50209529	Tie	0.074	0.069	0.270	6	464417.384	9190058.070	470.533
50213521	Tie	0.090	0.131	0.298	3	464622.202	9189239.163	515.440
50214168	Tie	0.086	0.123	0.287	4	464579.134	9189302.228	510.310
50214651	Tie	0.084	0.105	0.320	5	464360.784	9189593.652	491.626
50214772	Tie	0.096	0.113	0.332	5	464181.448	9189567.500	486.058
50214924	Tie	0.091	0.097	0.323	5	464213.237	9189683.525	482.182
50214939	Tie	0.078	0.098	0.268	5	464690.785	9189477.184	511.253
50215779	Tie	0.076	0.085	0.262	5	464781.165	9189603.451	501.857

50215915	Tie	0.075	0.081	0.262	5	464729.405	9189659.213	495.587
50216486	Tie	0.077	0.074	0.272	6	464372.412	9189930.119	480.040
50216570	Tie	0.075	0.076	0.257	5	464826.707	9189714.440	502.682
50217147	Tie	0.074	0.072	0.269	6	464476.800	9189942.303	474.543
50218140	Tie	0.071	0.065	0.221	6	465017.291	9189950.376	480.024
50218180	Tie	0.070	0.066	0.222	5	465003.696	9189990.343	480.233
50218291	Tie	0.067	0.063	0.226	6	464914.239	9190083.878	452.069
50218522	Tie	0.070	0.063	0.257	5	464856.978	9190195.279	439.984
50218854	Tie	0.072	0.067	0.294	4	464559.138	9190303.002	444.749
50218884	Tie	0.069	0.064	0.246	6	464554.458	9190250.327	447.690
50219764	Tie	0.062	0.061	0.213	6	464883.295	9190467.907	443.020
50239191	Tie	0.068	0.068	0.167	4	465972.921	9189368.974	476.306
50253730	Tie	0.076	0.075	0.213	3	466585.070	9189016.983	482.545
50260576	Tie	0.076	0.074	0.191	4	466889.800	9188850.367	504.420
50276140	Tie	0.076	0.077	0.170	5	467877.511	9188446.177	473.822
50278260	Tie	0.074	0.075	0.159	6	467910.556	9188695.648	487.075
50283417	Tie	0.077	0.077	0.162	5	467966.603	9188247.372	511.624
50335870	Tie	0.073	0.076	0.194	6	470635.460	9187072.616	470.464
50351341	Tie	0.063	0.063	0.201	6	471599.022	9186690.086	439.922
50352046	Tie	0.075	0.075	0.225	4	471210.573	9186367.183	442.884
50352050	Tie	0.069	0.067	0.196	6	471256.677	9186501.544	440.423
50360061	Tie	0.071	0.067	0.197	5	471758.484	9186208.390	479.033
50367124	Tie	0.069	0.066	0.179	6	472269.973	9186288.593	458.269
50391524	Tie	0.063	0.065	0.129	6	473042.230	9185518.572	502.164
50391643	Tie	0.063	0.065	0.130	6	473117.497	9185564.176	496.246
50392066	Tie	0.083	0.092	0.235	2	472998.416	9185373.610	513.427
50399355	Tie	0.084	0.072	0.255	6	464074.463	9190199.479	468.184
50399525	Tie	0.076	0.070	0.254	6	464281.632	9190281.322	458.755
50399688	Tie	0.101	0.100	0.409	4	464088.681	9189789.139	481.486
50405564	Tie	0.079	0.070	0.253	6	464186.828	9190210.017	464.942
50409720	Tie	0.074	0.072	0.241	6	464335.527	9190559.726	441.937
50410169	Tie	0.074	0.068	0.264	5	464426.021	9190409.222	449.134
50410181	Tie	0.076	0.069	0.276	4	464447.228	9190376.513	442.405
50410267	Tie	0.074	0.069	0.265	5	464416.169	9190448.873	447.164
50422282	Tie	0.075	0.068	0.223	4	465462.701	9190320.563	450.189
50428471	Tie	0.068	0.065	0.224	4	465466.753	9190665.116	467.868
50429112	Tie	0.077	0.072	0.236	4	465613.101	9190424.399	439.156
50436145	Tie	0.075	0.073	0.266	3	465569.977	9190784.861	443.448
50436217	Tie	0.081	0.076	0.282	3	465667.501	9190867.382	432.394
60218933	Tie	0.070	0.064	0.170	6	496617.281	9162507.718	533.144
60218937	Tie	0.071	0.064	0.169	6	496623.963	9162498.564	534.743
60219299	Tie	0.071	0.066	0.177	5	496633.963	9162232.415	555.125
60224704	Tie	0.073	0.067	0.182	5	496777.663	9163047.779	472.197
60225050	Tie	0.075	0.070	0.185	4	496765.257	9162809.850	504.637
60230449	Tie	0.074	0.066	0.178	6	496834.650	9163307.843	461.748
60230834	Tie	0.075	0.066	0.180	5	496778.392	9162921.636	479.447
60230989	Tie	0.073	0.065	0.175	6	496724.234	9163309.892	465.482
60231006	Tie	0.075	0.067	0.183	5	496720.862	9163326.804	466.248
60231306	Tie	0.080	0.070	0.198	4	496696.672	9162912.829	482.558
60236376	Tie	0.077	0.067	0.177	6	496865.176	9163709.635	467.568
60237144	Tie	0.077	0.069	0.180	5	496815.396	9163708.513	469.355

60237248	Tie	0.076	0.068	0.179	5	496740.641	9163734.023	470.502
60242384	Tie	0.082	0.073	0.195	5	496903.279	9164323.060	443.170
60243114	Tie	0.080	0.071	0.192	5	496842.008	9164282.927	446.461
60243277	Tie	0.078	0.068	0.180	6	496836.111	9164135.837	453.557
60243285	Tie	0.078	0.068	0.181	6	496819.749	9164182.091	453.375
60248582	Tie	0.088	0.077	0.219	4	496858.683	9164742.962	432.115
60248584	Tie	0.085	0.073	0.208	5	496854.961	9164693.529	433.985
60248755	Tie	0.095	0.081	0.227	3	496935.657	9164609.255	433.916
60253951	Tie	0.112	0.089	0.266	3	496990.849	9165159.229	416.141
60254588	Tie	0.088	0.076	0.212	4	496923.452	9164577.643	436.591
60254842	Tie	0.082	0.064	0.207	6	497157.603	9157145.382	485.008
60255057	Tie	0.091	0.067	0.240	5	497215.627	9157059.570	493.871
60255438	Tie	0.085	0.073	0.272	4	497090.151	9156761.034	496.051
60256203	Tie	0.080	0.072	0.268	4	497038.304	9156779.984	496.739
60256796	Tie	0.062	0.060	0.165	7	496779.361	9156827.649	491.819
60256967	Tie	0.062	0.067	0.220	5	496731.115	9156810.782	491.294
60257493	Tie	0.062	0.062	0.218	5	496679.825	9156985.209	486.831
60257627	Tie	0.060	0.059	0.161	7	496681.987	9156895.848	489.252
60257639	Tie	0.059	0.058	0.160	7	496603.024	9156925.474	485.006
60259256	Tie	0.062	0.059	0.163	7	496334.544	9156924.989	480.804
60259608	Tie	0.065	0.069	0.207	5	496203.706	9157318.800	508.109
60260033	Tie	0.066	0.066	0.268	4	496269.612	9156977.944	485.032
60260045	Tie	0.066	0.060	0.165	7	496244.463	9156901.821	488.997
60260270	Tie	0.079	0.070	0.259	3	496150.679	9157388.020	515.682
60260426	Tie	0.066	0.063	0.173	6	496135.843	9157327.305	505.050
60261189	Tie	0.099	0.066	0.228	6	497271.728	9157565.792	468.334
60261231	Tie	0.097	0.065	0.226	6	497249.130	9157561.627	468.676
60262422	Tie	0.078	0.062	0.213	6	497048.759	9157548.260	472.657
60262598	Tie	0.069	0.067	0.253	5	496889.048	9157260.841	480.337
60263136	Tie	0.063	0.066	0.247	5	496756.875	9157251.674	490.438
60263427	Tie	0.060	0.059	0.199	6	496612.762	9157700.800	485.508
60263992	Tie	0.059	0.056	0.142	8	496565.122	9157788.126	480.471
60264011	Tie	0.061	0.060	0.201	6	496561.921	9157796.349	479.782
60264410	Tie	0.058	0.056	0.129	9	496460.968	9157623.550	486.750
60264720	Tie	0.058	0.056	0.139	9	496487.796	9157246.071	486.504
60265074	Tie	0.058	0.056	0.126	9	496341.240	9157646.957	503.824
60265372	Tie	0.059	0.057	0.137	9	496321.519	9157284.772	501.132
60266018	Tie	0.071	0.063	0.180	5	496226.314	9157300.564	500.486
60266296	Tie	0.073	0.074	0.233	3	496046.757	9157679.924	504.959
60267361	Tie	0.086	0.064	0.214	6	497089.146	9158154.863	486.552
60267864	Tie	0.083	0.063	0.221	6	497074.939	9157753.247	470.559
60268043	Tie	0.076	0.062	0.209	6	496971.628	9158137.804	481.939
60268203	Tie	0.078	0.063	0.212	6	497005.555	9158061.661	479.140
60268309	Tie	0.078	0.063	0.211	6	497034.296	9157962.248	470.929
60268543	Tie	0.075	0.062	0.214	6	496985.534	9157653.201	479.084
60270285	Tie	0.057	0.055	0.127	9	496419.861	9158077.396	474.033
60270347	Tie	0.063	0.059	0.201	6	496418.887	9158024.671	473.866
60270371	Tie	0.057	0.055	0.126	9	496426.749	9158050.264	474.832
60270846	Tie	0.058	0.055	0.126	9	496316.660	9158089.059	476.314
60272112	Tie	0.059	0.056	0.136	8	496097.410	9158280.700	486.750
60272411	Tie	0.064	0.058	0.136	8	496006.283	9157955.368	484.908

60272537	Tie	0.066	0.060	0.146	7	496018.245	9157837.860	491.874
60272630	Tie	0.070	0.060	0.152	7	495985.928	9157718.078	497.803
60274742	Tie	0.064	0.063	0.215	6	496752.402	9158662.305	477.964
60274875	Tie	0.064	0.060	0.212	6	496748.483	9158530.286	474.945
60275728	Tie	0.060	0.058	0.203	6	496457.163	9158437.978	483.243
60276016	Tie	0.061	0.058	0.203	6	496410.047	9158453.005	481.056
60276584	Tie	0.058	0.054	0.134	9	496140.382	9158482.603	476.353
60278369	Tie	0.092	0.067	0.246	5	497036.681	9159004.986	503.436
60278533	Tie	0.073	0.063	0.216	6	496880.626	9158971.473	481.608
60279423	Tie	0.065	0.060	0.210	6	496753.912	9158884.556	479.738
60279804	Tie	0.065	0.061	0.210	6	496766.582	9158409.130	486.277
60281345	Tie	0.056	0.053	0.138	9	496202.675	9158861.552	484.458
60281482	Tie	0.062	0.057	0.196	6	496287.631	9158861.011	495.729
60282020	Tie	0.056	0.053	0.139	9	496176.742	9158901.007	484.471
60282138	Tie	0.064	0.058	0.165	6	496041.568	9158671.881	480.516
60284768	Tie	0.063	0.061	0.218	5	496592.629	9159370.444	468.995
60284875	Tie	0.061	0.060	0.200	6	496626.555	9159338.144	469.028
60286662	Tie	0.071	0.058	0.208	5	496116.570	9159310.939	491.000
60286779	Tie	0.061	0.058	0.153	5	496098.357	9159136.971	492.612
60290680	Tie	0.062	0.060	0.192	6	496636.713	9159622.481	464.964
60290866	Tie	0.064	0.062	0.197	6	496735.445	9159424.163	501.895
60291214	Tie	0.066	0.064	0.215	4	496570.646	9159662.354	461.390
60291727	Tie	0.059	0.057	0.186	6	496404.782	9159655.761	469.793
60291738	Tie	0.059	0.057	0.186	6	496405.687	9159668.184	468.918
60292203	Tie	0.060	0.056	0.187	6	496227.972	9159662.533	468.696
60292628	Tie	0.066	0.056	0.195	6	496105.852	9159306.863	490.691
60297282	Tie	0.062	0.059	0.181	6	496503.107	9160088.324	459.568
60297685	Tie	0.059	0.056	0.170	7	496417.973	9160183.126	461.793
60297884	Tie	0.058	0.056	0.169	7	496317.838	9160095.924	463.753
60298068	Tie	0.067	0.063	0.210	4	496380.307	9159798.778	466.980
60298076	Tie	0.059	0.058	0.187	6	496374.555	9159778.046	467.913
60309648	Tie	0.072	0.068	0.193	3	496433.572	9160690.146	531.703
60309833	Tie	0.062	0.058	0.167	6	496459.607	9160504.429	507.910
60309905	Tie	0.061	0.057	0.152	7	496364.851	9160896.876	555.579
60310067	Tie	0.062	0.059	0.160	6	496358.973	9160801.094	548.233
60323843	Tie	0.071	0.067	0.195	4	496449.643	9161667.488	556.372
60375079	Tie	0.100	0.084	0.239	3	496952.822	9164761.792	427.710
60375099	Tie	0.092	0.080	0.226	4	496949.375	9164761.752	427.823
60381099	Tie	0.102	0.086	0.240	3	496943.482	9164935.298	423.971
60383752	Tie	0.069	0.062	0.186	6	495334.453	9160472.166	517.698
60383765	Tie	0.069	0.063	0.184	6	495326.252	9160501.654	520.113
60384123	Tie	0.068	0.062	0.180	6	495378.864	9160814.475	560.811
60384587	Tie	0.076	0.074	0.219	3	495478.859	9161008.291	584.730
60386612	Tie	0.063	0.062	0.244	5	495800.387	9160683.284	565.530
60386952	Tie	0.060	0.059	0.202	6	495893.137	9160827.173	565.427
60387255	Tie	0.061	0.060	0.231	5	496063.108	9160461.311	520.698
60387318	Tie	0.061	0.060	0.232	5	496062.374	9160475.172	516.744
60388797	Tie	0.076	0.063	0.247	5	496348.351	9160404.643	487.532
60388870	Tie	0.072	0.060	0.236	5	496297.787	9160546.255	514.370
60390106	Tie	0.064	0.058	0.163	7	496408.911	9160790.439	545.437
60391560	Tie	0.085	0.077	0.260	4	495411.810	9160932.418	575.661

60391702	Tie	0.081	0.072	0.252	4	495453.795	9161034.629	581.806
60391948	Tie	0.070	0.066	0.186	6	495441.461	9161329.220	550.277
60392203	Tie	0.082	0.068	0.236	5	495476.166	9161424.409	555.793
60392330	Tie	0.077	0.079	0.302	3	495606.236	9161006.249	585.471
60394609	Tie	0.060	0.058	0.203	6	495969.837	9160839.144	557.947
60395899	Tie	0.068	0.060	0.204	6	496175.708	9161239.726	566.051
60395942	Tie	0.071	0.060	0.204	6	496216.786	9161308.981	566.663
60396707	Tie	0.075	0.061	0.208	6	496291.780	9161361.552	561.356
60398561	Tie	0.070	0.064	0.183	5	496533.734	9161673.936	548.467
60399092	Tie	0.074	0.069	0.224	5	495527.584	9161532.686	563.391
60399221	Tie	0.077	0.071	0.219	5	495528.378	9161654.290	561.318
60400830	Tie	0.066	0.065	0.199	6	495813.566	9161649.132	537.735
60401307	Tie	0.066	0.066	0.222	5	495858.588	9161458.560	564.925
60402485	Tie	0.067	0.063	0.194	6	496034.106	9161683.993	558.517
60403231	Tie	0.072	0.062	0.197	6	496208.275	9161621.484	566.419
60403573	Tie	0.075	0.060	0.208	6	496298.928	9161324.235	561.323
60403644	Tie	0.075	0.060	0.208	6	496300.092	9161324.979	561.906
60405963	Tie	0.072	0.068	0.191	4	496541.278	9162041.827	556.566
60406128	Tie	0.081	0.076	0.246	4	495515.253	9161695.624	558.560
60406707	Tie	0.076	0.072	0.179	6	495515.113	9162234.510	507.419
60407594	Tie	0.072	0.068	0.178	6	495702.328	9162240.214	498.910
60407973	Tie	0.070	0.069	0.201	5	495737.594	9161979.294	527.805
60408479	Tie	0.066	0.063	0.196	6	495951.057	9161682.621	547.793
60408896	Tie	0.070	0.068	0.206	5	495905.011	9162043.103	512.863
60409708	Tie	0.072	0.066	0.205	5	496145.483	9162094.326	535.327
60409879	Tie	0.071	0.067	0.206	5	496046.588	9162126.457	522.665
60411867	Tie	0.072	0.068	0.194	4	496596.774	9161752.143	550.665
60411958	Tie	0.072	0.067	0.190	4	496583.926	9161869.931	560.703
60413220	Tie	0.074	0.070	0.183	4	496667.628	9162399.860	545.958
60413614	Tie	0.075	0.072	0.181	6	495516.223	9162088.721	523.277
60414909	Tie	0.077	0.070	0.167	6	495633.073	9162496.106	470.014
60415157	Tie	0.076	0.069	0.164	6	495698.710	9162639.120	469.217
60415853	Tie	0.075	0.069	0.173	5	495761.351	9162501.501	477.430
60420921	Tie	0.085	0.079	0.227	2	496651.346	9162653.319	529.001
60421668	Tie	0.078	0.072	0.149	6	495588.534	9162988.464	461.900
60422155	Tie	0.077	0.070	0.155	6	495679.561	9162830.689	448.533
60422287	Tie	0.076	0.069	0.155	6	495740.268	9162851.142	449.799
60422519	Tie	0.075	0.069	0.149	6	495756.105	9162954.604	463.073
60428852	Tie	0.076	0.071	0.133	6	495634.775	9163250.490	488.702
60428881	Tie	0.076	0.074	0.138	5	495618.884	9163453.695	491.963
60429507	Tie	0.073	0.069	0.130	6	495800.881	9163377.374	494.053
60429964	Tie	0.073	0.068	0.132	6	495848.041	9163313.314	492.779
60436231	Tie	0.073	0.069	0.125	6	495778.691	9163642.893	490.609
60436457	Tie	0.072	0.068	0.125	6	495831.326	9163807.309	483.487
60436540	Tie	0.073	0.070	0.134	5	495831.081	9163796.399	483.647
60442525	Tie	0.073	0.070	0.126	6	495673.642	9163854.942	480.647
60443219	Tie	0.071	0.067	0.125	6	495821.661	9164085.206	470.869
60443962	Tie	0.070	0.066	0.125	6	495873.280	9164147.354	467.939
60444049	Tie	0.070	0.066	0.127	6	495890.670	9164230.633	465.411
60444088	Tie	0.074	0.070	0.154	4	495894.840	9164203.375	465.780
60447730	Tie	0.077	0.067	0.179	6	496768.846	9164166.003	457.422

60449082	Tie	0.068	0.064	0.136	6 495712.008	9164549.609	462.258
60450143	Tie	0.068	0.063	0.135	6 495904.720	9164457.466	461.105
60450298	Tie	0.066	0.063	0.135	6 495895.595	9164562.734	459.425
60455431	Tie	0.063	0.060	0.134	6 495867.679	9164843.182	457.543
60455766	Tie	0.063	0.060	0.142	5 495864.389	9164999.833	453.291
60456364	Tie	0.062	0.060	0.145	5 495939.828	9165010.340	445.677
60460157	Tie	0.116	0.099	0.304	2 496854.179	9165412.748	416.657
60461333	Tie	0.056	0.055	0.127	6 495906.794	9165332.259	431.783
60461766	Tie	0.058	0.056	0.130	6 495998.495	9165242.999	430.011
60462011	Tie	0.056	0.054	0.127	6 495917.268	9165395.080	427.944
60465389	Tie	0.107	0.082	0.259	4 496920.128	9165254.312	415.865
60465413	Tie	0.107	0.082	0.260	4 496915.356	9165269.035	415.971
60466041	Tie	0.056	0.054	0.136	6 495744.089	9165852.559	421.452
60466476	Tie	0.055	0.054	0.134	6 495921.488	9165704.012	419.489
60467208	Tie	0.057	0.055	0.137	6 496040.096	9165812.980	423.640
60470530	Tie	0.057	0.055	0.137	6 495782.567	9166078.303	429.491
60471161	Tie	0.058	0.055	0.138	6 495836.793	9166195.789	433.287
60471166	Tie	0.058	0.055	0.138	6 495956.779	9166164.308	431.853
60475919	Tie	0.063	0.059	0.152	6 495975.385	9166456.355	438.309
60476183	Tie	0.065	0.061	0.155	6 495910.915	9166606.105	442.012
60476706	Tie	0.066	0.061	0.156	6 496052.013	9166564.643	442.034
60480990	Tie	0.071	0.065	0.167	6 495992.196	9166876.071	456.664
60481069	Tie	0.072	0.066	0.170	6 495906.153	9166966.845	452.051
60481079	Tie	0.073	0.066	0.170	6 495914.032	9166986.274	452.807
60486414	Tie	0.077	0.071	0.172	6 496031.493	9167329.632	473.623
60487291	Tie	0.079	0.074	0.183	5 496111.721	9167372.082	474.345
60491909	Tie	0.078	0.076	0.174	5 495814.493	9167717.502	493.476
60492603	Tie	0.078	0.074	0.162	6 495938.346	9167723.183	502.062
60493471	Tie	0.080	0.075	0.165	6 496151.475	9167696.380	506.237
60498187	Tie	0.078	0.074	0.164	6 495931.668	9168131.483	480.632
60499489	Tie	0.080	0.075	0.167	6 496187.039	9168090.601	482.375
60505537	Tie	0.075	0.072	0.169	6 496141.463	9168564.160	465.424
60505541	Tie	0.075	0.071	0.167	6 496062.960	9168538.467	469.473
60505578	Tie	0.074	0.070	0.170	6 496144.222	9168727.081	460.332
60511418	Tie	0.068	0.065	0.171	6 495988.468	9169106.028	458.894
60511987	Tie	0.069	0.065	0.174	6 496167.667	9169101.833	452.349
60512120	Tie	0.076	0.073	0.170	6 496170.238	9168505.520	465.913
60512458	Tie	0.072	0.068	0.172	6 496199.188	9168902.141	455.305
60512504	Tie	0.072	0.068	0.172	6 496206.165	9168931.920	455.443
60517107	Tie	0.064	0.061	0.169	6 496049.357	9169496.014	461.828
60517119	Tie	0.065	0.062	0.178	5 495916.641	9169553.591	461.729
60517377	Tie	0.067	0.063	0.169	6 496185.143	9169331.688	461.957
60517414	Tie	0.065	0.060	0.168	6 496194.830	9169534.316	469.869
60521157	Tie	0.062	0.059	0.169	5 496011.747	9169913.209	478.866
60521537	Tie	0.062	0.057	0.159	6 496243.146	9169910.646	485.555
60525185	Tie	0.060	0.056	0.159	6 496015.226	9170358.523	495.063
60525840	Tie	0.060	0.056	0.155	6 496148.107	9170322.443	500.155
60525860	Tie	0.061	0.056	0.157	6 496210.773	9170318.900	496.990
60530830	Tie	0.061	0.057	0.166	6 496141.370	9170727.175	502.518
60531660	Tie	0.063	0.058	0.171	6 496301.907	9170735.193	492.132
60532259	Tie	0.065	0.060	0.177	5 496320.409	9170694.303	494.865

60536793	Tie	0.063	0.058	0.173	6	496077.141	9171098.313	511.392
60537449	Tie	0.066	0.060	0.175	6	496299.435	9171077.129	501.966
60537526	Tie	0.066	0.061	0.180	5	496183.206	9171123.700	509.973
60544251	Tie	0.073	0.069	0.194	4	496368.826	9171544.534	487.698
60548937	Tie	0.070	0.064	0.188	6	496172.491	9171982.016	463.351
60549822	Tie	0.074	0.067	0.184	6	496376.612	9171893.500	478.036
60550485	Tie	0.077	0.068	0.187	6	496431.621	9171938.962	474.104
60556490	Tie	0.083	0.074	0.208	5	496316.499	9172368.180	453.821
60556491	Tie	0.085	0.073	0.204	5	496401.283	9172290.942	463.708
60556492	Tie	0.086	0.075	0.208	5	496404.659	9172338.615	457.414
60563151	Tie	0.076	0.069	0.166	6	495682.248	9162555.437	464.287
60566373	Tie	0.086	0.088	0.339	3	495285.648	9162311.028	480.902
60566584	Tie	0.085	0.085	0.327	3	495306.345	9162193.767	500.436
60566693	Tie	0.084	0.085	0.325	3	495323.732	9162132.518	503.992
60569212	Tie	0.145	0.104	0.395	3	494766.991	9162151.270	472.360
60636991	Tie	0.077	0.072	0.171	6	496009.320	9167362.781	475.875
60650957	Tie	0.079	0.075	0.165	6	496127.653	9168156.642	479.949
60668246	Tie	0.081	0.081	0.138	5	495011.010	9168952.141	503.084
60668400	Tie	0.088	0.085	0.167	4	495016.873	9168844.774	504.401
60682204	Tie	0.069	0.069	0.134	6	495134.632	9169313.266	498.643
60682436	Tie	0.066	0.064	0.161	5	494941.463	9169757.581	497.876
60682492	Tie	0.066	0.063	0.146	6	494957.275	9169702.779	500.198
60682785	Tie	0.070	0.067	0.157	5	494937.941	9169580.775	501.459
60683048	Tie	0.070	0.069	0.135	6	494999.876	9169339.865	502.353
60683638	Tie	0.068	0.064	0.186	4	496290.523	9169896.480	485.384
60686758	Tie	0.061	0.059	0.158	6	495219.808	9170003.436	487.012
60687389	Tie	0.062	0.059	0.155	6	495074.901	9170088.504	493.024
60688717	Tie	0.071	0.068	0.178	4	494924.319	9169767.388	493.653
60688850	Tie	0.066	0.064	0.143	6	495030.509	9169590.966	498.080
60694601	Tie	0.060	0.058	0.159	6	495156.712	9170378.236	494.722
60695289	Tie	0.062	0.059	0.172	5	495020.229	9170512.748	500.377
60695374	Tie	0.061	0.058	0.158	6	495082.386	9170387.525	501.774
60701755	Tie	0.059	0.056	0.153	6	495140.503	9170834.761	519.883
60702529	Tie	0.060	0.057	0.155	6	495060.012	9170794.728	518.970
60709506	Tie	0.059	0.056	0.154	6	495209.315	9170774.962	517.415
60709580	Tie	0.061	0.058	0.167	5	495085.125	9171344.105	488.061
60709794	Tie	0.059	0.056	0.155	6	495114.519	9171202.095	497.984
60710926	Tie	0.067	0.062	0.179	6	496249.881	9171562.207	485.895
60711175	Tie	0.070	0.065	0.187	5	496355.016	9171488.197	492.380
60716361	Tie	0.059	0.056	0.154	6	495223.077	9171660.861	468.396
60716581	Tie	0.059	0.057	0.154	6	495197.611	9171518.338	475.404
60716996	Tie	0.059	0.056	0.154	6	495188.161	9171142.610	505.000
60723577	Tie	0.069	0.067	0.192	3	495199.685	9172088.968	459.585
60723856	Tie	0.061	0.059	0.163	5	495193.310	9171916.692	457.990
60724360	Tie	0.062	0.059	0.161	5	495137.838	9172021.104	461.230
60729752	Tie	0.060	0.057	0.153	6	495378.027	9172290.733	457.196
60730871	Tie	0.060	0.056	0.153	6	495132.722	9172469.170	461.295
60731063	Tie	0.064	0.058	0.167	5	495119.891	9172388.272	463.042
60732635	Tie	0.115	0.094	0.275	3	496497.094	9172690.619	446.473
60732708	Tie	0.104	0.085	0.249	4	496399.953	9172767.787	443.717
60733327	Tie	0.091	0.078	0.235	4	496278.732	9172654.519	445.076

60736736	Tie	0.063	0.060	0.156	5	495426.776	9172690.518	455.296
60737339	Tie	0.060	0.057	0.143	6	495261.555	9172762.905	458.482
60737949	Tie	0.060	0.056	0.144	6	495197.569	9172854.294	459.316
60744007	Tie	0.060	0.057	0.133	6	495382.178	9173110.218	469.901
60744609	Tie	0.059	0.056	0.132	6	495265.361	9173237.961	482.666
60750263	Tie	0.061	0.059	0.153	5	495340.993	9173710.612	483.277
60750368	Tie	0.061	0.060	0.155	5	495367.409	9173692.237	477.918
60750388	Tie	0.060	0.056	0.136	6	495330.613	9173557.607	489.376
60750713	Tie	0.060	0.058	0.130	6	495414.214	9173321.080	490.288
60751006	Tie	0.061	0.057	0.149	5	495186.824	9173622.566	489.697
60751387	Tie	0.059	0.056	0.135	6	495272.492	9173479.272	497.926
60755922	Tie	0.065	0.062	0.161	5	495517.741	9174101.221	477.544
60756886	Tie	0.060	0.057	0.148	6	495360.238	9173875.665	477.113
60762344	Tie	0.063	0.060	0.164	6	495531.605	9174424.508	469.451
60762483	Tie	0.065	0.062	0.176	5	495577.344	9174313.821	468.800
60763049	Tie	0.062	0.059	0.160	6	495404.726	9174449.119	473.811
60763317	Tie	0.062	0.057	0.157	6	495368.509	9174291.107	480.218
60763778	Tie	0.063	0.060	0.168	5	495269.006	9174491.608	497.147
60768824	Tie	0.064	0.062	0.169	5	495431.812	9174871.495	503.403
60769730	Tie	0.062	0.058	0.157	6	495344.773	9174683.018	511.835
60769864	Tie	0.066	0.060	0.170	5	495269.754	9174658.578	511.718
60774054	Tie	0.065	0.062	0.171	6	495592.750	9175185.308	454.453
60774840	Tie	0.065	0.061	0.167	6	495428.173	9175188.910	457.536
60774922	Tie	0.064	0.060	0.168	6	495473.661	9175063.778	466.095
60780182	Tie	0.066	0.063	0.167	6	495614.420	9175538.590	464.513
60780849	Tie	0.066	0.062	0.162	6	495501.155	9175561.373	475.042
60785563	Tie	0.069	0.066	0.172	5	495762.891	9176008.875	522.426
60786234	Tie	0.074	0.068	0.165	4	495517.164	9175998.442	578.980
60786924	Tie	0.069	0.065	0.157	5	495405.937	9175992.093	587.487
60791906	Tie	0.068	0.064	0.169	6	495717.529	9176427.764	498.507
60792767	Tie	0.067	0.063	0.158	6	495664.771	9176331.455	541.367
60792793	Tie	0.067	0.064	0.156	6	495539.808	9176345.921	551.571
60793651	Tie	0.070	0.066	0.162	5	495394.506	9176262.361	581.509
60794126	Tie	0.067	0.066	0.157	5	495472.932	9175968.543	577.190
60799265	Tie	0.072	0.067	0.180	4	495562.928	9176770.537	539.672
60799273	Tie	0.069	0.065	0.178	5	495594.203	9176835.196	518.745
60799965	Tie	0.070	0.065	0.181	5	495413.611	9176837.505	537.985
60800139	Tie	0.069	0.066	0.177	5	495494.963	9176691.757	551.234
60805630	Tie	0.067	0.062	0.184	5	495557.954	9177217.694	515.905
60805787	Tie	0.071	0.064	0.180	5	495432.658	9177087.791	546.018
60805802	Tie	0.072	0.066	0.194	4	495447.629	9177124.265	544.192
60805869	Tie	0.067	0.062	0.172	6	495537.666	9177056.624	527.791
60810579	Tie	0.064	0.059	0.181	6	495731.570	9177469.518	461.465
60811255	Tie	0.065	0.060	0.182	6	495692.941	9177428.187	459.928
60811688	Tie	0.066	0.061	0.176	6	495622.217	9177124.647	498.308
60811873	Tie	0.067	0.062	0.190	5	495486.357	9177571.611	469.748
60811883	Tie	0.079	0.068	0.231	3	495530.721	9177555.441	466.694
60817258	Tie	0.060	0.056	0.152	6	495800.700	9177912.603	535.290
60818090	Tie	0.060	0.057	0.154	6	495650.026	9177934.833	519.895
60818816	Tie	0.062	0.058	0.158	6	495517.598	9177984.998	502.805
60818844	Tie	0.074	0.065	0.192	4	495525.095	9178003.759	509.590

60819111	Tie	0.073	0.062	0.181	4	495531.749	9177890.682	507.988
60819140	Tie	0.070	0.068	0.216	3	495505.717	9177796.063	484.131
60819299	Tie	0.067	0.062	0.189	5	495443.077	9177658.985	473.224
60824417	Tie	0.058	0.056	0.144	6	495790.895	9178199.322	522.151
60825101	Tie	0.058	0.055	0.144	6	495678.695	9178333.838	515.819
60825740	Tie	0.061	0.057	0.156	6	495680.509	9177826.872	526.231
60825933	Tie	0.062	0.062	0.180	4	495514.960	9178335.053	514.931
60825969	Tie	0.061	0.059	0.154	5	495509.694	9178280.956	522.001
60831147	Tie	0.061	0.057	0.158	5	495843.897	9178701.585	523.384
60831268	Tie	0.058	0.055	0.151	6	495877.713	9178744.596	532.311
60831915	Tie	0.057	0.055	0.150	6	495717.007	9178766.253	534.765
60832388	Tie	0.059	0.058	0.161	5	495646.243	9178387.367	501.155
60832805	Tie	0.060	0.057	0.163	5	495538.255	9178775.268	550.065
60832910	Tie	0.058	0.056	0.150	6	495582.240	9178634.434	536.438
60832919	Tie	0.059	0.056	0.149	6	495572.500	9178640.908	539.355
60837831	Tie	0.058	0.056	0.160	6	495866.347	9179186.432	538.888
60837966	Tie	0.058	0.056	0.157	6	495858.901	9179047.407	546.982
60839460	Tie	0.058	0.055	0.156	6	495626.194	9179123.588	557.856
60839466	Tie	0.060	0.057	0.164	5	495681.520	9179123.927	551.614
60839520	Tie	0.058	0.055	0.155	6	495607.554	9179082.976	561.713
60844676	Tie	0.058	0.057	0.173	6	495849.756	9179411.159	488.206
60845366	Tie	0.057	0.056	0.167	6	495750.441	9179508.022	512.202
60845461	Tie	0.057	0.056	0.168	6	495779.104	9179470.975	507.357
60846063	Tie	0.059	0.057	0.178	5	495658.214	9179576.953	510.181
60846260	Tie	0.059	0.055	0.165	6	495571.361	9179442.291	528.574
60846374	Tie	0.061	0.057	0.176	5	495638.662	9179411.929	529.541
60846664	Tie	0.058	0.055	0.158	6	495585.620	9179181.344	556.810
60850853	Tie	0.063	0.062	0.184	5	496126.741	9179810.566	518.947
60851408	Tie	0.058	0.058	0.166	6	495962.363	9179939.406	514.685
60852193	Tie	0.057	0.056	0.165	6	495775.674	9179977.316	502.452
60853044	Tie	0.062	0.057	0.176	5	495637.780	9179930.332	498.067
60853216	Tie	0.058	0.055	0.167	6	495645.720	9179910.664	496.659
60853241	Tie	0.061	0.057	0.181	5	495696.380	9179891.678	495.917
60853348	Tie	0.072	0.066	0.205	3	495699.582	9179777.983	479.439
60858561	Tie	0.058	0.057	0.168	6	495919.757	9180266.812	462.801
60859349	Tie	0.057	0.056	0.167	6	495839.604	9180212.307	468.327
60859488	Tie	0.057	0.056	0.167	6	495886.038	9180308.852	465.337
60859962	Tie	0.058	0.054	0.162	6	495666.871	9180366.086	490.904
60860049	Tie	0.058	0.054	0.162	6	495654.553	9180371.437	493.472
60860196	Tie	0.058	0.055	0.163	6	495722.356	9180207.167	491.534
60865451	Tie	0.058	0.057	0.162	6	496038.852	9180635.978	447.583
60866147	Tie	0.057	0.054	0.157	6	495905.093	9180740.998	461.838
60866219	Tie	0.057	0.053	0.156	6	495771.237	9180681.830	471.533
60866220	Tie	0.059	0.057	0.167	5	495909.335	9180708.222	457.244
60866963	Tie	0.073	0.058	0.194	4	495657.692	9180649.815	483.074
60866964	Tie	0.061	0.055	0.172	5	495745.737	9180627.534	473.693
60867005	Tie	0.058	0.055	0.165	5	495719.208	9180718.736	480.808
60872063	Tie	0.056	0.054	0.155	6	495965.362	9181154.470	461.975
60873642	Tie	0.060	0.057	0.177	4	495771.424	9181156.170	486.892
60873858	Tie	0.057	0.052	0.154	6	495731.579	9181059.411	473.703
60874040	Tie	0.059	0.054	0.164	5	495695.269	9181000.503	471.837

60877813	Tie	0.063	0.059	0.238	5	496206.179	9181540.075	463.463
60878931	Tie	0.058	0.056	0.175	5	496066.285	9181359.434	468.065
60879600	Tie	0.058	0.055	0.169	5	495925.204	9181470.878	487.437
60879653	Tie	0.057	0.056	0.171	5	495974.186	9181499.097	482.266
60880176	Tie	0.061	0.055	0.167	5	495752.931	9181555.754	514.239
60880179	Tie	0.053	0.050	0.139	7	495759.362	9181577.766	513.946
60880448	Tie	0.060	0.055	0.167	5	495801.413	9181496.030	503.201
60886376	Tie	0.067	0.073	0.245	3	495969.885	9181879.927	464.165
60886459	Tie	0.068	0.077	0.247	3	495961.400	9181939.271	464.576
60886529	Tie	0.069	0.066	0.236	3	495899.084	9181754.910	476.660
60887367	Tie	0.072	0.064	0.233	3	495829.994	9181730.105	485.583
60889233	Tie	0.065	0.064	0.196	6	495729.134	9161371.412	574.356
60892178	Tie	0.093	0.082	0.303	2	495615.271	9161861.995	538.286
60892537	Tie	0.080	0.078	0.293	3	495551.788	9161900.539	539.703
60892949	Tie	0.088	0.092	0.492	2	495319.259	9161981.049	516.233
60893434	Tie	0.091	0.094	0.498	2	495240.096	9162004.568	514.209
60893459	Tie	0.096	0.099	0.504	2	495190.007	9161927.042	511.042
60894774	Tie	0.188	0.109	0.576	2	494797.001	9162006.119	491.996
60894865	Tie	0.173	0.120	0.541	2	494847.932	9161834.556	528.881
60894908	Tie	0.176	0.130	0.541	2	494841.429	9161770.805	536.453
60894987	Tie	0.084	0.081	0.252	3	495054.257	9161194.118	545.126
60895111	Tie	0.083	0.077	0.203	6	494991.416	9161332.875	549.448
60895261	Tie	0.089	0.083	0.231	4	494995.159	9161412.461	546.832
60895559	Tie	0.091	0.085	0.235	4	494960.023	9161555.878	539.954
60895673	Tie	0.095	0.088	0.241	4	494912.822	9161634.902	537.045
60896261	Tie	0.078	0.074	0.200	6	495153.229	9161441.763	544.708
60896489	Tie	0.086	0.085	0.244	4	495145.886	9161751.076	525.346
60897007	Tie	0.075	0.072	0.206	5	495352.593	9161476.749	544.914
60897237	Tie	0.081	0.081	0.241	4	495270.162	9161707.635	530.760
60897704	Tie	0.073	0.070	0.202	5	495432.570	9161422.271	551.154
60898142	Tie	0.091	0.094	0.283	3	495292.619	9161875.176	520.242
60903012	Tie	0.061	0.060	0.198	6	495901.566	9161014.495	573.967
60903118	Tie	0.063	0.062	0.228	5	495861.795	9161147.365	586.942
60905096	Tie	0.086	0.073	0.217	4	495113.154	9160879.966	529.922
60905144	Tie	0.080	0.072	0.221	4	495101.575	9160842.621	527.829
60905196	Tie	0.076	0.069	0.193	6	495102.367	9160903.384	539.931
60906260	Tie	0.070	0.067	0.183	6	495289.079	9161083.282	569.843
60913595	Tie	0.069	0.063	0.184	6	495244.607	9160513.850	535.094
60913702	Tie	0.071	0.065	0.195	5	495276.825	9160432.355	516.980
60913822	Tie	0.069	0.063	0.181	6	495265.698	9160579.450	545.434
60913824	Tie	0.072	0.066	0.197	5	495246.255	9160532.153	537.563
60914437	Tie	0.064	0.060	0.173	7	495427.805	9160672.056	541.753
60914479	Tie	0.066	0.061	0.181	6	495416.079	9160608.586	539.333
60915638	Tie	0.063	0.058	0.179	6	495672.604	9160729.571	574.875
60924730	Tie	0.069	0.062	0.190	5	495350.955	9160243.016	507.283
60925500	Tie	0.061	0.057	0.170	7	495524.842	9160346.363	517.240
60925847	Tie	0.060	0.056	0.165	7	495618.893	9160327.814	541.126
60926241	Tie	0.060	0.057	0.169	6	495743.669	9160254.363	544.788
60926310	Tie	0.068	0.070	0.275	4	495761.958	9160234.461	547.844
60926347	Tie	0.062	0.059	0.184	5	495757.625	9160318.941	554.688
60932486	Tie	0.068	0.062	0.186	5	495407.504	9159708.419	495.178

60932558	Tie	0.063	0.058	0.170	6	495455.686	9159823.954	513.593
60932651	Tie	0.071	0.065	0.194	4	495364.262	9159933.003	511.779
60932686	Tie	0.078	0.065	0.209	4	495369.345	9159911.872	509.797
60933257	Tie	0.060	0.057	0.166	6	495633.544	9159934.236	515.761
60933909	Tie	0.059	0.056	0.167	6	495794.588	9159984.878	514.433
60934850	Tie	0.063	0.062	0.192	4	495852.524	9160030.965	532.019
60935971	Tie	0.061	0.059	0.191	5	496301.048	9159995.740	464.189
60935979	Tie	0.061	0.059	0.191	5	496303.522	9160014.580	463.955
60938778	Tie	0.064	0.059	0.171	6	495487.226	9159452.345	482.182
60938783	Tie	0.064	0.059	0.172	6	495480.713	9159443.867	482.392
60938942	Tie	0.063	0.059	0.170	6	495511.019	9159506.849	482.886
60939455	Tie	0.060	0.058	0.176	5	495776.247	9159434.435	488.429
60939642	Tie	0.061	0.057	0.166	6	495599.528	9159558.525	488.500
60940931	Tie	0.060	0.057	0.176	5	496042.167	9159504.997	469.271
60945590	Tie	0.064	0.061	0.174	5	495608.029	9159183.129	497.166
60945697	Tie	0.067	0.063	0.197	4	495604.499	9159258.210	485.466
60945914	Tie	0.059	0.057	0.161	6	495854.277	9159143.526	480.846
60947020	Tie	0.059	0.056	0.160	6	496060.732	9159211.624	491.830
60951128	Tie	0.063	0.060	0.160	6	495770.112	9158731.360	501.944
60951214	Tie	0.067	0.061	0.172	5	495739.960	9158786.326	514.190
60951328	Tie	0.063	0.061	0.174	5	495697.472	9158987.194	500.271
60957004	Tie	0.057	0.054	0.134	9	496240.364	9158474.939	476.452
60957178	Tie	0.065	0.061	0.158	6	495853.497	9158358.130	481.391
60957181	Tie	0.066	0.061	0.158	6	495847.031	9158346.984	481.531
60957254	Tie	0.064	0.060	0.158	6	495878.478	9158416.537	480.669
60957386	Tie	0.066	0.063	0.175	5	495710.704	9158711.865	512.723
60962063	Tie	0.064	0.058	0.136	8	496003.347	9157954.424	485.360
60978742	Tie	0.062	0.066	0.244	5	496673.765	9157235.221	494.837
60978801	Tie	0.058	0.056	0.139	9	496582.816	9157266.401	490.430
60981781	Tie	0.087	0.067	0.225	5	497195.952	9157170.503	490.308
60989170	Tie	0.100	0.076	0.283	4	497219.760	9156749.558	493.464
60998420	Tie	0.083	0.083	0.159	4	494922.554	9169024.984	509.462
60998488	Tie	0.109	0.124	0.300	3	494034.441	9168990.664	501.189
60998503	Tie	0.103	0.111	0.280	3	494061.343	9169101.418	508.834
60998668	Tie	0.100	0.103	0.270	3	494047.700	9169200.197	507.787
60998970	Tie	0.093	0.089	0.216	4	494014.602	9169454.587	500.802
60998973	Tie	0.088	0.091	0.221	4	494025.728	9169378.639	501.951
60999897	Tie	0.081	0.083	0.198	4	494112.924	9169535.973	505.910
61000808	Tie	0.072	0.074	0.170	5	494377.497	9169597.244	520.317
61000981	Tie	0.094	0.118	0.285	3	494429.290	9168961.410	512.265
61001000	Tie	0.091	0.106	0.271	3	494428.619	9169059.938	511.624
61001167	Tie	0.089	0.100	0.263	3	494444.356	9169118.323	514.057
61001488	Tie	0.076	0.079	0.178	5	494470.502	9169401.369	523.986
61001801	Tie	0.073	0.073	0.172	5	494502.192	9169534.437	521.518
61006911	Tie	0.075	0.073	0.147	5	495001.981	9169204.850	501.828
61007181	Tie	0.077	0.075	0.176	5	494050.015	9169745.494	524.909
61007222	Tie	0.073	0.071	0.158	6	494111.112	9169859.500	527.603
61007941	Tie	0.073	0.071	0.157	6	494139.160	9169839.178	524.224
61008354	Tie	0.069	0.069	0.153	6	494391.364	9169750.166	516.521
61008477	Tie	0.068	0.067	0.154	6	494400.724	9169861.387	513.966
61009086	Tie	0.070	0.070	0.163	5	494542.312	9169712.523	517.691

61014089	Tie	0.071	0.067	0.161	6 494099.815	9170264.048	538.451
61014151	Tie	0.069	0.066	0.160	6 494142.776	9170279.979	535.064
61014625	Tie	0.068	0.066	0.158	6 494194.997	9170134.694	534.911
61015239	Tie	0.065	0.064	0.158	6 494454.773	9170103.014	515.497
61016109	Tie	0.065	0.061	0.164	6 494596.768	9170189.968	508.591
61016363	Tie	0.064	0.062	0.162	6 494543.305	9170223.633	511.094
61020186	Tie	0.063	0.062	0.165	5 494997.619	9170191.713	500.637
61020712	Tie	0.070	0.066	0.169	6 494097.541	9170554.940	522.026
61021011	Tie	0.067	0.065	0.164	6 494194.187	9170623.349	527.861
61021026	Tie	0.071	0.067	0.173	6 494079.324	9170664.096	510.737
61022521	Tie	0.063	0.062	0.167	5 494508.212	9170604.210	523.370
61023271	Tie	0.064	0.060	0.179	5 494663.341	9170620.774	513.074
61023887	Tie	0.063	0.059	0.166	6 494659.232	9170526.853	514.060
61027995	Tie	0.070	0.067	0.169	6 494119.403	9171024.403	488.478
61035037	Tie	0.068	0.067	0.160	6 494173.089	9171322.081	483.795
61035200	Tie	0.066	0.066	0.157	6 494242.712	9171385.020	479.018
61035204	Tie	0.070	0.071	0.171	5 494128.427	9171414.197	481.865
61035453	Tie	0.066	0.066	0.169	5 494251.809	9170999.825	502.069
61036381	Tie	0.061	0.060	0.155	6 494530.924	9171028.978	506.226
61037433	Tie	0.063	0.060	0.163	5 494704.852	9171295.513	494.208
61037599	Tie	0.063	0.059	0.153	6 494724.004	9171411.799	481.342
61037644	Tie	0.062	0.059	0.150	6 494638.910	9171369.023	483.802
61037956	Tie	0.063	0.058	0.159	6 494704.217	9170919.330	508.949
61042070	Tie	0.066	0.066	0.154	6 494260.781	9171615.419	491.991
61042307	Tie	0.068	0.067	0.156	6 494209.604	9171734.338	499.664
61042455	Tie	0.066	0.066	0.155	6 494294.893	9171825.801	491.677
61044459	Tie	0.063	0.059	0.149	6 494696.140	9171588.728	468.573
61044770	Tie	0.064	0.060	0.166	5 494707.228	9171796.571	473.036
61045410	Tie	0.064	0.058	0.150	6 494750.985	9171673.299	467.217
61046875	Tie	0.059	0.057	0.155	6 495167.740	9171709.272	468.133
61048831	Tie	0.069	0.068	0.180	5 494227.219	9171989.993	499.145
61049093	Tie	0.068	0.068	0.180	5 494277.004	9172195.391	483.262
61049107	Tie	0.068	0.066	0.168	6 494262.980	9172117.874	484.802
61051213	Tie	0.063	0.059	0.154	6 494732.238	9171899.322	485.398
61051280	Tie	0.064	0.058	0.156	6 494761.858	9172016.905	480.706
61052273	Tie	0.064	0.058	0.162	6 494785.463	9172146.382	469.569
61055675	Tie	0.067	0.064	0.175	6 494302.266	9172323.560	483.500
61055742	Tie	0.068	0.064	0.177	6 494283.570	9172419.358	479.745
61056747	Tie	0.065	0.063	0.174	6 494376.068	9172540.454	478.295
61058107	Tie	0.063	0.059	0.166	6 494723.666	9172274.362	466.938
61058264	Tie	0.063	0.058	0.166	6 494739.446	9172347.811	467.774
61058441	Tie	0.063	0.059	0.185	5 494757.396	9172518.048	459.433
61063316	Tie	0.067	0.064	0.191	5 494333.394	9172669.760	489.350
61063417	Tie	0.067	0.063	0.175	6 494296.150	9172821.056	486.102
61065734	Tie	0.061	0.057	0.161	6 494722.435	9172799.112	489.068
61065893	Tie	0.061	0.056	0.165	6 494763.076	9172905.367	475.061
61066423	Tie	0.062	0.057	0.165	6 494824.099	9172722.557	474.227
61070707	Tie	0.067	0.063	0.170	6 494262.594	9173080.045	504.549
61071031	Tie	0.069	0.065	0.188	4 494326.600	9173280.314	540.599
61071440	Tie	0.063	0.060	0.164	6 494410.332	9173056.150	488.163
61071533	Tie	0.062	0.060	0.160	6 494403.532	9173161.075	500.304

61073011	Tie	0.060	0.056	0.160	6	494758.914	9173023.239	466.959
61073330	Tie	0.066	0.059	0.186	5	494812.679	9173184.996	468.885
61074142	Tie	0.061	0.055	0.156	6	494887.736	9173263.581	481.722
61077810	Tie	0.066	0.064	0.173	5	494280.879	9173426.014	521.433
61078072	Tie	0.061	0.058	0.148	6	494410.327	9173616.803	492.502
61078713	Tie	0.060	0.058	0.147	6	494469.783	9173547.478	488.641
61079337	Tie	0.058	0.056	0.146	6	494670.598	9173425.016	474.940
61079510	Tie	0.058	0.056	0.144	6	494665.614	9173511.067	476.905
61080431	Tie	0.060	0.056	0.157	5	494847.404	9173595.665	491.609
61085031	Tie	0.061	0.058	0.138	6	494424.950	9173804.921	495.916
61085856	Tie	0.060	0.058	0.135	6	494484.705	9173845.672	493.275
61085931	Tie	0.061	0.060	0.150	5	494506.571	9174039.153	533.480
61087160	Tie	0.059	0.054	0.130	6	494884.325	9173793.632	518.234
61087481	Tie	0.059	0.054	0.141	6	494865.194	9173979.441	504.643
61088007	Tie	0.059	0.054	0.132	6	494909.044	9173773.472	514.223
61091966	Tie	0.066	0.064	0.151	5	494366.025	9174200.269	578.604
61092314	Tie	0.064	0.061	0.139	6	494473.800	9174367.518	565.071
61093819	Tie	0.060	0.057	0.141	6	494774.028	9174347.927	529.805
61094295	Tie	0.061	0.055	0.139	6	494929.444	9174107.317	504.090
61094345	Tie	0.061	0.057	0.155	5	494894.207	9174166.814	512.645
61094651	Tie	0.064	0.058	0.156	5	494834.606	9174356.874	549.592
61098881	Tie	0.066	0.062	0.141	6	494484.293	9174526.807	553.068
61098893	Tie	0.066	0.062	0.141	6	494480.572	9174534.443	553.069
61099053	Tie	0.071	0.064	0.154	6	494415.462	9174643.599	551.466
61099287	Tie	0.071	0.066	0.171	5	494474.515	9174767.395	523.510
61100579	Tie	0.062	0.059	0.135	6	494702.303	9174525.042	564.942
61101580	Tie	0.064	0.058	0.155	6	494878.945	9174737.858	526.238
61106022	Tie	0.074	0.066	0.163	6	494437.112	9174890.745	511.999
61106215	Tie	0.072	0.066	0.165	6	494510.871	9175011.437	517.875
61106391	Tie	0.072	0.065	0.166	6	494542.035	9175063.862	511.928
61107666	Tie	0.067	0.062	0.162	5	494803.007	9174879.821	502.974
61108490	Tie	0.072	0.061	0.190	5	495002.333	9174971.630	497.030
61108660	Tie	0.067	0.059	0.172	6	495004.087	9175028.920	490.295
61111213	Tie	0.065	0.061	0.169	6	495616.094	9174819.531	471.257
61113010	Tie	0.075	0.070	0.159	6	494527.291	9175410.839	551.222
61113067	Tie	0.077	0.071	0.159	6	494482.564	9175425.588	564.512
61113145	Tie	0.075	0.071	0.157	6	494542.254	9175493.790	561.000
61114689	Tie	0.067	0.065	0.151	6	494850.791	9175475.460	558.694
61115187	Tie	0.068	0.063	0.166	6	494951.403	9175360.967	503.253
61117824	Tie	0.066	0.062	0.170	6	495643.868	9175269.154	461.874
61119434	Tie	0.076	0.073	0.159	6	494568.382	9175658.040	564.974
61119559	Tie	0.075	0.073	0.154	6	494610.268	9175753.339	572.621
61119761	Tie	0.076	0.074	0.153	6	494577.084	9175790.278	590.751
61121963	Tie	0.068	0.066	0.145	6	494975.384	9175746.093	588.214
61121976	Tie	0.067	0.065	0.146	6	494994.985	9175667.276	588.200
61122114	Tie	0.069	0.068	0.146	6	494974.387	9175843.271	579.326
61123995	Tie	0.065	0.062	0.158	6	495501.124	9175615.355	494.343
61126416	Tie	0.086	0.082	0.164	5	494538.738	9176069.168	627.194
61126443	Tie	0.084	0.081	0.157	5	494590.383	9176108.523	645.921
61126548	Tie	0.083	0.082	0.156	5	494614.428	9176144.642	644.726
61128235	Tie	0.073	0.076	0.148	5	494947.137	9176210.916	623.374

61128798	Tie	0.070	0.071	0.152	5	495018.185	9176010.564	581.219
61128832	Tie	0.071	0.072	0.150	5	494986.700	9176048.359	592.291
61137691	Tie	0.075	0.073	0.193	3	495401.288	9176378.563	570.257
61148151	Tie	0.070	0.065	0.187	5	495449.748	9176947.222	511.660
61152760	Tie	0.071	0.068	0.201	4	495454.145	9177133.475	542.644
61160256	Tie	0.069	0.067	0.213	4	495465.182	9177512.268	478.096
61180236	Tie	0.071	0.079	0.271	3	495211.660	9178498.626	556.518
61185358	Tie	0.068	0.067	0.177	5	494821.541	9178951.686	635.677
61186196	Tie	0.066	0.066	0.193	4	495015.845	9179010.720	615.679
61186202	Tie	0.072	0.070	0.210	3	494954.473	9179020.793	621.304
61187977	Tie	0.062	0.061	0.178	5	495182.744	9179069.674	593.796
61192874	Tie	0.066	0.064	0.195	4	494837.847	9179540.305	572.491
61194489	Tie	0.061	0.059	0.180	5	495130.639	9179555.682	547.583
61200782	Tie	0.068	0.063	0.194	4	494972.496	9179491.171	559.536
61201989	Tie	0.060	0.058	0.179	5	495161.776	9179869.101	526.548
61221805	Tie	0.059	0.055	0.161	6	496121.211	9181073.893	453.462
61222748	Tie	0.057	0.053	0.155	6	495808.452	9181018.690	464.160
61231660	Tie	0.067	0.064	0.197	3	495053.652	9181547.516	444.848
61238255	Tie	0.104	0.104	0.285	3	494869.860	9161855.907	524.717
61238338	Tie	0.119	0.117	0.357	2	494891.718	9162030.162	487.019
61242731	Tie	0.084	0.080	0.227	4	494999.064	9161296.650	550.617
61248687	Tie	0.071	0.067	0.193	4	495498.830	9161021.367	585.424
61250826	Tie	0.082	0.077	0.221	4	495046.033	9161037.972	554.127
61255946	Tie	0.064	0.061	0.188	5	495660.626	9160708.068	572.677
61266741	Tie	0.069	0.066	0.211	4	495336.456	9160262.671	510.199
61273512	Tie	0.068	0.063	0.202	4	495424.957	9160033.291	520.149
61279294	Tie	0.061	0.059	0.179	5	495759.227	9160095.196	528.422
61313252	Tie	0.067	0.061	0.144	7	496030.417	9157606.347	510.292
61333324	Tie	0.220	0.089	0.679	2	496875.273	9156643.732	494.123
61333497	Tie	0.167	0.088	0.659	2	496731.390	9156642.923	490.332
61333831	Tie	0.133	0.099	0.650	2	496625.941	9156588.735	485.178
61334124	Tie	0.081	0.126	0.641	2	496382.491	9156474.219	478.006
61338125	Tie	0.079	0.081	0.232	5	494278.571	9183860.035	443.050
61339921	Tie	0.077	0.079	0.216	6	494519.505	9183879.431	431.321
61348285	Tie	0.090	0.087	0.245	4	494581.178	9183963.038	437.419
61352292	Tie	0.087	0.077	0.261	5	493871.028	9183546.539	458.459
61352410	Tie	0.082	0.076	0.257	5	493951.697	9183598.609	459.315
61352595	Tie	0.063	0.069	0.185	4	494134.817	9183013.030	442.284
61352696	Tie	0.061	0.064	0.174	6	494067.803	9183157.187	420.873
61353130	Tie	0.073	0.072	0.255	5	494091.279	9183548.608	434.761
61353363	Tie	0.061	0.098	0.294	4	494257.698	9182986.882	441.604
61353856	Tie	0.064	0.066	0.231	6	494220.556	9183403.080	412.878
61353942	Tie	0.064	0.065	0.230	6	494290.610	9183458.241	413.140
61353944	Tie	0.066	0.066	0.231	6	494295.034	9183526.607	414.211
61354143	Tie	0.052	0.054	0.145	8	494348.061	9182993.950	453.162
61354162	Tie	0.058	0.062	0.167	5	494314.337	9183054.859	443.762
61355788	Tie	0.056	0.056	0.193	6	494735.299	9183071.466	437.567
61355789	Tie	0.062	0.063	0.239	5	494792.202	9183101.702	431.818
61355959	Tie	0.060	0.067	0.251	4	494700.166	9183153.725	431.763
61356258	Tie	0.063	0.060	0.212	6	494698.365	9183459.905	404.149
61356488	Tie	0.069	0.066	0.217	6	494764.133	9183613.353	411.153

61357076	Tie	0.069	0.059	0.218	6	494851.218	9183449.600	402.328
61363987	Tie	0.045	0.045	0.116	9	494914.593	9182775.800	457.031
61364807	Tie	0.052	0.049	0.139	6	495060.435	9182775.431	437.622
61364932	Tie	0.047	0.047	0.122	8	494988.531	9182838.755	439.176
61367445	Tie	0.093	0.075	0.409	2	494188.600	9182491.619	538.994
61368757	Tie	0.066	0.081	0.321	3	494479.943	9182199.069	549.358
61373250	Tie	0.104	0.107	0.297	3	493786.780	9181843.648	523.900
61373442	Tie	0.100	0.094	0.271	4	493797.672	9181915.447	533.768
61374256	Tie	0.078	0.087	0.251	4	493992.829	9181946.457	564.680
61374811	Tie	0.071	0.062	0.205	6	493965.661	9182366.572	537.861
61374874	Tie	0.068	0.067	0.199	6	494194.945	9181854.430	537.394
61375689	Tie	0.062	0.065	0.195	6	494272.329	9181877.162	534.865
61375694	Tie	0.062	0.068	0.198	6	494298.042	9181812.547	524.222
61375927	Tie	0.059	0.059	0.185	6	494313.551	9182014.183	559.477
61376002	Tie	0.061	0.061	0.242	5	494308.076	9182144.764	567.380
61376152	Tie	0.064	0.060	0.241	5	494254.345	9182201.389	575.314
61376153	Tie	0.064	0.064	0.270	4	494313.032	9182190.379	567.767
61376508	Tie	0.056	0.061	0.175	6	494509.967	9181798.053	515.351
61376991	Tie	0.052	0.054	0.197	6	494510.316	9182261.039	544.248
61377871	Tie	0.050	0.051	0.173	6	494643.198	9182247.324	513.738
61378391	Tie	0.062	0.057	0.239	4	494760.748	9181995.024	461.303
61378473	Tie	0.051	0.052	0.177	6	494714.695	9182017.568	475.272
61378841	Tie	0.050	0.050	0.173	6	494693.315	9182363.373	505.911
61378972	Tie	0.050	0.050	0.176	6	494777.253	9182415.433	487.220
61379035	Tie	0.051	0.050	0.176	6	494802.303	9182390.363	484.899
61379281	Tie	0.053	0.051	0.154	6	495029.393	9181914.060	423.689
61379760	Tie	0.054	0.050	0.180	6	494901.076	9182424.559	467.802
61379938	Tie	0.054	0.054	0.155	6	495051.661	9181804.215	427.716
61388123	Tie	0.062	0.063	0.222	4	495055.342	9181739.151	426.735
61393890	Tie	0.065	0.060	0.184	4	494948.149	9181027.403	469.772
61407953	Tie	0.077	0.075	0.237	2	494869.218	9180757.101	499.831
61414874	Tie	0.077	0.075	0.210	2	494904.503	9179905.277	540.138
61416435	Tie	0.061	0.058	0.178	5	495149.455	9179942.082	520.810
61416522	Tie	0.068	0.065	0.202	3	495115.646	9179942.819	528.564
61417028	Tie	0.074	0.068	0.212	3	494873.181	9179724.345	556.362
61424766	Tie	0.067	0.066	0.225	3	495191.412	9179313.276	566.261
61431549	Tie	0.077	0.075	0.224	2	495102.588	9179200.513	577.875
61432235	Tie	0.072	0.067	0.197	4	495108.052	9178906.978	611.481
61439243	Tie	0.081	0.080	0.217	4	494758.533	9178554.701	612.207
61439456	Tie	0.078	0.087	0.260	3	495056.263	9178498.855	565.276
61446385	Tie	0.068	0.069	0.219	4	495147.370	9178440.029	560.092
61470620	Tie	0.062	0.059	0.157	6	494653.025	9171025.395	504.917
61485087	Tie	0.066	0.066	0.162	6	494222.732	9171052.519	500.627
61511002	Tie	0.061	0.057	0.161	6	494782.943	9172806.707	490.469
61521827	Tie	0.064	0.062	0.173	6	494383.092	9172707.482	477.922
61542658	Tie	0.063	0.061	0.154	5	494430.121	9173976.289	521.993
61560438	Tie	0.066	0.061	0.175	5	494964.193	9174880.696	504.091
61568391	Tie	0.068	0.062	0.165	6	494962.228	9175213.413	486.256
61571001	Tie	0.076	0.068	0.168	6	494426.366	9175081.846	525.012
61576836	Tie	0.067	0.063	0.161	6	494917.181	9175393.345	519.000
61604920	Tie	0.051	0.054	0.142	9	494250.301	9182786.375	459.886

61605300	Tie	0.056	0.058	0.149	8	494110.709	9182897.691	459.153
61605326	Tie	0.056	0.058	0.150	8	494109.509	9182915.865	459.408
61605401	Tie	0.062	0.064	0.161	5	494004.456	9182893.980	470.742
61607030	Tie	0.064	0.066	0.175	7	493923.263	9183158.937	422.824
61609045	Tie	0.075	0.072	0.252	5	494508.359	9183708.532	428.762
61609587	Tie	0.085	0.086	0.251	5	493993.851	9183839.383	420.620
61610169	Tie	0.085	0.089	0.241	5	494104.013	9183951.852	447.978
61610305	Tie	0.090	0.095	0.248	5	494060.327	9184024.677	440.100
61613832	Tie	0.091	0.084	0.310	4	494738.715	9183821.794	416.146
61614393	Tie	0.076	0.078	0.213	6	494785.679	9183824.983	410.096
61614717	Tie	0.123	0.091	0.326	4	495005.557	9183845.074	413.907
61615097	Tie	0.048	0.049	0.124	8	494574.956	9182707.035	491.730
61615114	Tie	0.048	0.050	0.133	8	494533.578	9182757.030	485.201
61615336	Tie	0.051	0.054	0.151	7	494369.774	9182731.254	475.001
61616000	Tie	0.048	0.049	0.131	8	494601.082	9182902.589	464.882
61616445	Tie	0.059	0.062	0.172	6	494088.003	9182952.671	456.027
61616533	Tie	0.050	0.049	0.136	7	494750.179	9182934.046	457.878
61616545	Tie	0.050	0.050	0.137	7	494708.094	9182958.909	457.164
61616652	Tie	0.049	0.051	0.134	8	494560.066	9182977.901	457.723
61616680	Tie	0.051	0.052	0.134	7	494559.918	9182968.925	458.674
61625704	Tie	0.049	0.050	0.133	7	494854.830	9182912.994	447.250
61631574	Tie	0.049	0.051	0.141	6	495448.788	9182455.360	412.307
61631709	Tie	0.055	0.056	0.166	4	495292.859	9182517.036	419.623
61632282	Tie	0.049	0.051	0.140	6	495434.707	9182612.137	411.082
61632789	Tie	0.045	0.045	0.116	9	494969.048	9182730.456	452.587
61638349	Tie	0.052	0.053	0.148	6	495800.239	9182347.641	408.106
61638525	Tie	0.052	0.053	0.149	6	495744.627	9182377.055	405.883
61645248	Tie	0.061	0.063	0.163	4	496235.703	9182205.983	437.557
61645336	Tie	0.058	0.058	0.144	5	496156.864	9182289.793	440.017
61652387	Tie	0.071	0.071	0.156	5	496643.641	9182155.808	435.652
61652503	Tie	0.064	0.064	0.140	6	496519.556	9182215.566	440.307
61652670	Tie	0.058	0.058	0.143	6	496314.075	9182190.634	437.582
61659845	Tie	0.091	0.094	0.234	3	496895.608	9182068.824	430.449
61667123	Tie	0.053	0.056	0.142	9	494172.674	9182816.155	469.369
61667669	Tie	0.080	0.082	0.219	3	493674.681	9183007.191	429.470
61668593	Tie	0.079	0.083	0.219	3	493698.735	9183090.707	432.180
61669186	Tie	0.085	0.091	0.255	2	493725.333	9183252.389	436.201
61670687	Tie	0.052	0.055	0.146	8	494280.000	9182876.356	451.605
61671210	Tie	0.064	0.063	0.190	6	493990.127	9182733.558	492.995
61672144	Tie	0.067	0.065	0.229	5	494006.668	9182620.615	524.870
61672272	Tie	0.063	0.062	0.228	5	494080.657	9182567.989	519.489
61672461	Tie	0.061	0.063	0.234	4	494156.602	9182535.705	527.580
61673186	Tie	0.075	0.065	0.219	5	493907.060	9182396.883	524.596
61673268	Tie	0.065	0.061	0.199	6	494037.199	9182411.248	545.053
61673511	Tie	0.062	0.059	0.194	6	494100.873	9182382.623	556.901
61713628	Tie	0.059	0.057	0.263	4	495670.011	9181936.391	456.889
61719341	Tie	0.065	0.071	0.232	4	495805.856	9181540.907	504.428
61719932	Tie	0.081	0.099	0.362	2	495707.298	9181331.966	506.244
61724275	Tie	0.062	0.063	0.304	4	496181.183	9181901.513	442.208
61725138	Tie	0.060	0.061	0.261	5	496227.738	9181641.917	455.273
61728851	Tie	0.068	0.067	0.144	6	496621.552	9182226.981	441.674

61728900	Tie	0.088	0.088	0.416	4	496651.465	9181898.837	417.511
61729007	Tie	0.071	0.068	0.273	4	496496.292	9181436.151	448.293
61729285	Tie	0.056	0.057	0.131	7	496266.569	9182356.440	447.108
61729339	Tie	0.059	0.063	0.257	5	496191.906	9181913.059	441.093
61729591	Tie	0.055	0.056	0.156	5	495910.940	9182429.833	415.540
61729707	Tie	0.121	0.063	0.436	3	495920.242	9181605.057	486.475
61733930	Tie	0.063	0.062	0.242	5	496247.060	9181422.731	460.296
61735968	Tie	0.108	0.104	0.263	3	497041.787	9182012.976	419.821
61735998	Tie	0.103	0.100	0.252	3	497030.178	9182122.211	425.781
70009258	Tie	0.067	0.065	0.192	4	494819.247	9179604.094	570.833
70010464	Tie	0.063	0.061	0.190	4	495050.430	9179758.106	542.452
70010793	Tie	0.075	0.075	0.239	2	495044.140	9179999.889	526.424
70017457	Tie	0.075	0.066	0.222	3	494894.499	9180246.967	506.074
70025228	Tie	0.070	0.064	0.204	3	494987.091	9180553.313	522.027
70038220	Tie	0.073	0.070	0.226	2	495026.899	9181639.566	431.980
70044476	Tie	0.067	0.063	0.193	3	495034.693	9181623.548	434.594
70044591	Tie	0.078	0.085	0.244	2	495006.599	9182032.690	427.673
70044738	Tie	0.075	0.074	0.233	2	495071.547	9181840.957	424.005
70044784	Tie	0.076	0.079	0.237	2	495130.013	9181935.883	423.315
70051520	Tie	0.065	0.060	0.184	4	494948.149	9181027.403	469.772
70068032	Tie	0.068	0.065	0.208	3	495059.033	9180163.771	527.299
70068114	Tie	0.059	0.056	0.172	6	495177.535	9179923.721	520.284
70074763	Tie	0.059	0.056	0.170	6	495149.454	9179942.104	520.855
70075404	Tie	0.069	0.067	0.213	3	495003.562	9179628.580	558.049
70083033	Tie	0.079	0.101	0.261	2	495019.370	9179129.959	608.208
70083088	Tie	0.080	0.096	0.264	2	494930.544	9179182.910	577.122
70083299	Tie	0.076	0.084	0.262	2	495095.884	9179331.160	561.762
617034641	Tie	0.059	0.061	0.167	5	494843.592	9181528.227	432.929
617034642	Tie	0.058	0.060	0.167	5	494786.533	9181542.481	435.883
617034645	Tie	0.055	0.056	0.139	6	494831.055	9181585.155	433.917
617034646	Tie	0.058	0.059	0.166	5	494780.086	9181581.851	436.685
617034647	Tie	0.059	0.062	0.167	5	494795.253	9181495.836	437.124
617034648	Tie	0.058	0.062	0.168	5	494756.305	9181510.921	436.513
617034649	Tie	0.058	0.061	0.167	5	494747.152	9181540.956	435.768

Parâmetros Iniciais de Orientação Externa

Strip_Id	Photo_Id	Given_X	Given_Y	Given_Z	Given_Omega	Given_Phi	Given_Kappa	VX(gps)	VY(gps)	VZ(gps)	VOmega(ins)	VPhi(ins)	VKappa(ins)
0001	18142034100007	494571.110	9178623.030	2296.410	-3.023	-0.167	2.045	-0.076	-0.028	-0.936	-0.016	-0.001	-0.012
0001	18142034100008	494560.790	9178936.760	2295.890	-3.022	-0.168	2.045	-0.076	-0.028	-0.936	-0.013	0.000	-0.011
0001	18142034100009	494551.950	9179302.200	2294.340	-3.024	-0.155	2.047	-0.076	-0.028	-0.936	-0.009	0.001	-0.009
0001	18142034100010	494542.910	9179679.670	2295.210	-3.024	-0.148	2.035	-0.076	-0.028	-0.936	-0.005	0.002	-0.007
0001	18142034100011	494535.040	9180067.020	2296.210	-3.031	-0.160	2.066	-0.076	-0.028	-0.936	-0.001	0.004	-0.005
0001	18142034100012	494528.830	9180458.900	2298.370	-3.023	-0.165	2.043	-0.076	-0.028	-0.936	0.004	0.005	-0.003
0001	18142034100013	494518.610	9180852.100	2299.590	-3.034	-0.162	2.056	-0.076	-0.028	-0.936	0.008	0.006	-0.001
0001	18142034100014	494504.000	9181239.880	2299.230	-3.029	-0.175	2.063	-0.076	-0.028	-0.936	0.012	0.008	0.001
0001	18142034100015	494483.340	9181630.560	2300.090	-3.037	-0.153	2.063	-0.076	-0.028	-0.936	0.017	0.009	0.003
0001	18142034100016	494456.630	9182019.330	2299.920	-3.032	-0.156	2.058	-0.076	-0.028	-0.936	0.021	0.010	0.005
0001	18142034100017	494430.470	9182411.140	2299.110	-3.023	-0.172	2.047	-0.076	-0.028	-0.936	0.025	0.011	0.007
0001	18142034100018	494410.280	9182799.350	2299.270	-3.031	-0.144	2.050	-0.076	-0.028	-0.936	0.030	0.013	0.009
0001	18142034100019	494391.850	9183207.440	2299.580	-3.035	-0.154	2.044	-0.076	-0.028	-0.936	0.034	0.014	0.011
0001	18142034100020	494373.650	9183620.740	2298.000	-3.022	-0.164	2.037	-0.076	-0.028	-0.936	0.039	0.015	0.013
0001	18142034100021	494354.580	9184036.840	2296.860	-3.032	-0.165	2.042	-0.076	-0.028	-0.936	0.043	0.017	0.015
0001	18142034100022	494335.590	9184453.510	2297.190	-3.029	-0.155	2.045	-0.076	-0.028	-0.936	0.048	0.018	0.017
0002	18142034100023	497026.750	9182705.830	2244.430	-0.741	-2.937	74.780	-0.076	-0.028	-0.936	0.021	-0.014	-0.003
0002	18142034100024	496624.280	9182805.650	2245.070	-0.749	-2.939	74.775	-0.076	-0.028	-0.936	0.021	-0.012	-0.003
0002	18142034100025	496221.890	9182912.390	2244.220	-0.729	-2.939	74.785	-0.076	-0.028	-0.936	0.020	-0.010	-0.002
0002	18142034100026	495822.610	9183029.950	2242.780	-0.756	-2.940	74.773	-0.076	-0.028	-0.936	0.020	-0.008	-0.002
0002	18142034100027	495422.880	9183144.610	2245.270	-0.743	-2.945	74.778	-0.076	-0.028	-0.936	0.019	-0.006	-0.002
0002	18142034100028	495016.560	9183251.680	2244.220	-0.746	-2.939	74.776	-0.076	-0.028	-0.936	0.019	-0.005	-0.002
0002	18142034100029	494611.830	9183357.950	2244.210	-0.751	-2.940	74.784	-0.076	-0.028	-0.936	0.018	-0.003	-0.002
0002	18142034100030	494259.660	9183452.640	2244.610	-0.735	-2.943	74.783	-0.076	-0.028	-0.936	0.018	-0.001	-0.001
0002	18142034100031	493907.070	9183551.750	2245.900	-0.737	-2.941	74.784	-0.076	-0.028	-0.936	0.017	0.001	-0.001
0002	18142034100032	493554.300	9183650.820	2247.570	-0.730	-2.940	74.786	-0.076	-0.028	-0.936	0.017	0.003	-0.001
0002	18142034100033	493202.360	9183744.110	2248.050	-0.752	-2.944	74.780	-0.076	-0.028	-0.936	0.017	0.004	-0.001
0002	18142034100034	492846.970	9183835.070	2246.810	-0.752	-2.940	74.780	-0.076	-0.028	-0.936	0.016	0.006	-0.001
0002	18142034100035	492494.300	9183929.080	2244.710	-0.728	-2.942	74.788	-0.076	-0.028	-0.936	0.016	0.008	0.000
0002	18142034100036	492141.320	9184024.820	2245.340	-0.736	-2.928	74.757	-0.076	-0.028	-0.936	0.015	0.009	0.000
0002	18142034100037	491788.940	9184119.420	2244.220	-0.740	-2.939	74.776	-0.076	-0.028	-0.936	0.015	0.011	0.000
0002	18142034100038	491434.410	9184211.930	2245.410	-0.746	-2.942	74.769	-0.076	-0.028	-0.936	0.014	0.013	0.000
0002	18142034100039	491079.490	9184304.380	2245.900	-0.745	-2.932	74.781	-0.076	-0.028	-0.936	0.014	0.014	0.000
0002	18142034100040	490726.840	9184394.990	2247.050	-0.729	-2.937	74.789	-0.076	-0.028	-0.936	0.014	0.016	0.000
0002	18142034100041	490372.210	9184488.880	2244.970	-0.756	-2.940	74.760	-0.076	-0.028	-0.936	0.013	0.018	0.001
0002	18142034100042	490020.900	9184584.850	2243.070	-0.745	-2.937	74.786	-0.076	-0.028	-0.936	0.013	0.020	0.001
0002	18142034100043	489667.470	9184680.600	2244.290	-0.755	-2.944	74.783	-0.076	-0.028	-0.936	0.012	0.021	0.001
0002	18142034100044	489314.360	9184777.240	2246.110	-0.735	-2.945	74.793	-0.076	-0.028	-0.936	0.012	0.023	0.001
0002	18142034100045	488957.600	9184873.080	2245.250	-0.755	-2.939	74.780	-0.076	-0.028	-0.936	0.011	0.025	0.001
0002	18142034100046	488590.020	9184968.250	2240.930	-0.755	-2.935	74.777	-0.076	-0.028	-0.936	0.011	0.027	0.002
0002	18142034100047	488223.630	9185063.950	2239.350	-0.729	-2.935	74.785	-0.076	-0.028	-0.936	0.011	0.028	0.002
0002	18142034100048	487858.070	9185166.940	2241.590	-0.749	-2.934	74.792	-0.076	-0.028	-0.936	0.010	0.030	0.002
0003	18142034100049	486217.330	9184605.590	2283.860	0.791	2.933	-105.588	-0.076	-0.028	-0.936	0.014	-0.006	-0.002
0003	18142034100050	486591.130	9184515.860	2284.120	0.771	2.926	-105.584	-0.076	-0.028	-0.936	0.013	-0.006	-0.001
0003	18142034100051	486964.950	9184415.890	2286.090	0.765	2.933	-105.566	-0.076	-0.028	-0.936	0.012	-0.006	-0.001

0003	18142034100052	487336.450	9184312.060	2286.770	0.781	2.928	-105.581	-0.076	-0.028	-0.936	0.012	-0.007	-0.001
0003	18142034100053	487705.740	9184212.630	2285.800	0.764	2.942	-105.571	-0.076	-0.028	-0.936	0.011	-0.007	-0.001
0003	18142034100054	488076.710	9184113.930	2281.310	0.765	2.933	-105.598	-0.076	-0.028	-0.936	0.010	-0.007	0.000
0003	18142034100055	488444.170	9184009.470	2283.120	0.781	2.934	-105.589	-0.076	-0.028	-0.936	0.009	-0.008	0.000
0003	18142034100056	488809.900	9183893.340	2285.200	0.767	2.937	-105.593	-0.076	-0.028	-0.936	0.008	-0.008	0.000
0003	18142034100057	489173.610	9183773.010	2285.890	0.782	2.935	-105.595	-0.076	-0.028	-0.936	0.007	-0.008	0.000
0003	18142034100058	489540.990	9183663.320	2285.810	0.751	2.932	-105.571	-0.076	-0.028	-0.936	0.007	-0.009	0.001
0003	18142034100059	489896.810	9183572.300	2285.530	0.752	2.938	-105.575	-0.076	-0.028	-0.936	0.006	-0.009	0.001
0003	18142034100060	490255.090	9183485.340	2284.760	0.754	2.936	-105.563	-0.076	-0.028	-0.936	0.005	-0.010	0.001
0003	18142034100061	490606.920	9183391.440	2282.150	0.774	2.942	-105.580	-0.076	-0.028	-0.936	0.004	-0.010	0.001
0003	18142034100062	490961.210	9183293.680	2283.830	0.748	2.941	-105.563	-0.076	-0.028	-0.936	0.003	-0.010	0.002
0003	18142034100063	491314.340	9183200.450	2284.500	0.761	2.929	-105.579	-0.076	-0.028	-0.936	0.003	-0.011	0.002
0003	18142034100064	491670.270	9183114.120	2284.370	0.770	2.931	-105.588	-0.076	-0.028	-0.936	0.002	-0.011	0.002
0003	18142034100065	492025.430	9183020.480	2286.160	0.759	2.931	-105.575	-0.076	-0.028	-0.936	0.001	-0.011	0.002
0003	18142034100066	492374.000	9182912.610	2290.090	0.755	2.934	-105.584	-0.076	-0.028	-0.936	0.000	-0.012	0.003
0003	18142034100067	492725.870	9182806.750	2292.430	0.735	2.937	-105.562	-0.076	-0.028	-0.936	-0.001	-0.012	0.003
0003	18142034100068	493077.770	9182706.620	2295.770	0.746	2.940	-105.594	-0.076	-0.028	-0.936	-0.001	-0.012	0.003
0003	18142034100069	493429.730	9182606.580	2299.460	0.775	2.937	-105.588	-0.076	-0.028	-0.936	-0.002	-0.013	0.003
0003	18142034100070	493782.040	9182504.840	2298.640	0.763	2.946	-105.586	-0.076	-0.028	-0.936	-0.003	-0.013	0.004
0003	18142034100071	494133.350	9182404.430	2295.150	0.764	2.928	-105.589	-0.076	-0.028	-0.936	-0.004	-0.013	0.004
0003	18142034100072	494486.870	9182305.080	2293.790	0.771	2.933	-105.594	-0.076	-0.028	-0.936	-0.005	-0.014	0.004
0003	18142034100073	494839.900	9182208.840	2290.570	0.768	2.936	-105.576	-0.076	-0.028	-0.936	-0.005	-0.014	0.004
0003	18142034100074	495191.280	9182113.590	2288.940	0.775	2.934	-105.588	-0.076	-0.028	-0.936	-0.006	-0.014	0.005
0003	18142034100075	495544.400	9182016.740	2289.260	0.761	2.935	-105.583	-0.076	-0.028	-0.936	-0.007	-0.015	0.005
0003	18142034100076	495897.560	9181919.780	2290.790	0.759	2.934	-105.587	-0.076	-0.028	-0.936	-0.008	-0.015	0.005
0003	18142034100077	496249.510	9181821.420	2292.350	0.758	2.941	-105.582	-0.076	-0.028	-0.936	-0.008	-0.015	0.005
0003	18142034100078	496603.190	9181722.440	2293.240	0.750	2.933	-105.586	-0.076	-0.028	-0.936	-0.009	-0.016	0.006
0004	18142034100079	489778.760	9181983.670	2283.720	-1.818	-2.412	51.916	-0.076	-0.028	-0.936	-0.004	-0.005	0.008
0004	18142034100080	489503.930	9182197.460	2281.180	-1.809	-2.447	51.946	-0.076	-0.028	-0.936	-0.003	-0.005	0.008
0004	18142034100081	489208.200	9182437.440	2277.700	-1.827	-2.414	51.924	-0.076	-0.028	-0.936	-0.001	-0.004	0.008
0004	18142034100082	488910.410	9182677.440	2276.910	-1.813	-2.432	51.925	-0.076	-0.028	-0.936	0.000	-0.003	0.008
0004	18142034100083	488606.020	9182921.320	2275.840	-1.854	-2.415	51.901	-0.076	-0.028	-0.936	0.001	-0.003	0.007
0004	18142034100084	488304.730	9183165.520	2272.390	-1.838	-2.430	51.926	-0.076	-0.028	-0.936	0.003	-0.002	0.007
0004	18142034100085	488002.030	9183410.380	2279.200	-1.851	-2.413	51.916	-0.076	-0.028	-0.936	0.004	-0.001	0.007
0004	18142034100086	487691.350	9183646.870	2284.260	-1.839	-2.420	51.915	-0.076	-0.028	-0.936	0.006	-0.001	0.006
0004	18142034100087	487378.920	9183878.890	2286.020	-1.835	-2.422	51.917	-0.076	-0.028	-0.936	0.007	0.000	0.006
0004	18142034100088	487069.610	9184118.390	2284.580	-1.813	-2.425	51.920	-0.076	-0.028	-0.936	0.009	0.001	0.006
0004	18142034100089	486765.040	9184365.710	2286.370	-1.805	-2.429	51.929	-0.076	-0.028	-0.936	0.010	0.001	0.005
0004	18142034100090	486458.070	9184609.620	2287.830	-1.846	-2.418	51.914	-0.076	-0.028	-0.936	0.012	0.002	0.005
0004	18142034100091	486146.240	9184851.330	2286.150	-1.814	-2.421	51.921	-0.076	-0.028	-0.936	0.013	0.003	0.005
0004	18142034100092	485833.420	9185092.600	2285.330	-1.830	-2.423	51.917	-0.076	-0.028	-0.936	0.015	0.004	0.004
0004	18142034100093	485516.210	9185335.550	2283.560	-1.834	-2.425	51.925	-0.076	-0.028	-0.936	0.016	0.004	0.004
0004	18142034100094	485198.740	9185582.450	2281.180	-1.825	-2.424	51.922	-0.076	-0.028	-0.936	0.018	0.005	0.004
0004	18142034100095	484880.940	9185832.500	2280.120	-1.837	-2.407	51.929	-0.076	-0.028	-0.936	0.019	0.006	0.003
0004	18142034100096	484565.610	9186084.080	2279.500	-1.817	-2.421	51.910	-0.076	-0.028	-0.936	0.021	0.006	0.003
0004	18142034100097	484246.660	9186335.090	2280.530	-1.810	-2.427	51.935	-0.076	-0.028	-0.936	0.022	0.007	0.003
0004	18142034100098	483925.830	9186582.300	2281.410	-1.843	-2.414	51.924	-0.076	-0.028	-0.936	0.024	0.008	0.002
0004	18142034100099	483603.190	9186826.620	2281.900	-1.835	-2.421	51.915	-0.076	-0.028	-0.936	0.025	0.009	0.002
0004	18142034100100	483280.100	9187072.690	2280.260	-1.838	-2.424	51.928	-0.076	-0.028	-0.936	0.027	0.009	0.002
0004	18142034100101	482957.200	9187317.250	2281.820	-1.820	-2.426	51.924	-0.076	-0.028	-0.936	0.028	0.010	0.002
0004	18142034100102	482629.600	9187562.520	2280.850	-1.818	-2.428	51.930	-0.076	-0.028	-0.936	0.030	0.011	0.001

0016	18142034100444	452821.400	9209260.260	2305.870	2.774	1.240	-156.796	-0.076	-0.028	-0.936	-0.015	0.011	0.003
0016	18142034100445	452964.230	9208942.700	2306.800	2.771	1.241	-156.805	-0.076	-0.028	-0.936	-0.014	0.010	0.004
0016	18142034100446	453099.630	9208631.150	2305.990	2.769	1.236	-156.802	-0.076	-0.028	-0.936	-0.014	0.009	0.004
0016	18142034100447	453234.650	9208316.820	2305.200	2.776	1.231	-156.804	-0.076	-0.028	-0.936	-0.014	0.008	0.004
0016	18142034100448	453368.100	9208001.340	2305.050	2.762	1.248	-156.796	-0.076	-0.028	-0.936	-0.014	0.007	0.004
0016	18142034100449	453497.580	9207682.730	2304.050	2.758	1.252	-156.797	-0.076	-0.028	-0.936	-0.014	0.006	0.005
0016	18142034100450	453624.640	9207363.790	2304.380	2.771	1.237	-156.792	-0.076	-0.028	-0.936	-0.014	0.005	0.005
0016	18142034100451	453779.310	9206997.890	2305.740	2.765	1.237	-156.799	-0.076	-0.028	-0.936	-0.014	0.004	0.005
0016	18142034100452	453941.820	9206635.790	2304.870	2.768	1.237	-156.808	-0.076	-0.028	-0.936	-0.014	0.003	0.005
0016	18142034100453	454099.010	9206269.300	2302.730	2.764	1.247	-156.803	-0.076	-0.028	-0.936	-0.014	0.002	0.006
0016	18142034100454	454250.750	9205902.740	2300.680	2.769	1.238	-156.792	-0.076	-0.028	-0.936	-0.014	0.001	0.006
0016	18142034100455	454407.990	9205536.580	2300.000	2.759	1.251	-156.806	-0.076	-0.028	-0.936	-0.014	0.000	0.006
0016	18142034100456	454570.910	9205174.420	2299.240	2.767	1.247	-156.804	-0.076	-0.028	-0.936	-0.014	-0.001	0.006
0016	18142034100457	454727.810	9204807.630	2300.250	2.756	1.255	-156.801	-0.076	-0.028	-0.936	-0.013	-0.002	0.007
0016	18142034100458	454875.130	9204440.140	2301.670	2.763	1.248	-156.805	-0.076	-0.028	-0.936	-0.013	-0.003	0.007
0016	18142034100459	455022.490	9204069.490	2303.680	2.756	1.254	-156.805	-0.076	-0.028	-0.936	-0.013	-0.004	0.007
0016	18142034100460	455176.650	9203703.640	2303.690	2.756	1.256	-156.798	-0.076	-0.028	-0.936	-0.013	-0.005	0.007
0016	18142034100461	455334.540	9203339.240	2302.620	2.770	1.240	-156.803	-0.076	-0.028	-0.936	-0.013	-0.006	0.008
0016	18142034100462	455494.580	9202975.450	2301.150	2.774	1.237	-156.802	-0.076	-0.028	-0.936	-0.013	-0.007	0.008
0016	18142034100463	455656.260	9202611.650	2300.560	2.766	1.248	-156.806	-0.076	-0.028	-0.936	-0.013	-0.008	0.008
0016	18142034100464	455818.390	9202248.640	2301.260	2.759	1.256	-156.802	-0.076	-0.028	-0.936	-0.013	-0.009	0.009
0016	18142034100465	455977.990	9201884.450	2302.910	2.769	1.243	-156.799	-0.076	-0.028	-0.936	-0.013	-0.010	0.009
0016	18142034100466	456137.230	9201519.800	2305.880	2.762	1.249	-156.799	-0.076	-0.028	-0.936	-0.013	-0.011	0.009
0016	18142034100467	456299.440	9201154.040	2309.840	2.774	1.239	-156.805	-0.076	-0.028	-0.936	-0.013	-0.012	0.009
0016	18142034100468	456457.840	9200790.780	2311.040	2.760	1.252	-156.807	-0.076	-0.028	-0.936	-0.012	-0.013	0.010
0016	18142034100469	456613.420	9200426.430	2310.490	2.770	1.239	-156.803	-0.076	-0.028	-0.936	-0.012	-0.014	0.010
0016	18142034100470	456767.310	9200059.290	2307.940	2.765	1.252	-156.808	-0.076	-0.028	-0.936	-0.012	-0.015	0.010
0016	18142034100471	456918.850	9199692.700	2305.510	2.770	1.242	-156.806	-0.076	-0.028	-0.936	-0.012	-0.016	0.010
0016	18142034100472	457071.600	9199324.440	2305.700	2.760	1.254	-156.807	-0.076	-0.028	-0.936	-0.012	-0.017	0.011
0016	18142034100473	457223.680	9198958.070	2308.040	2.765	1.246	-156.803	-0.076	-0.028	-0.936	-0.012	-0.018	0.011
0016	18142034100474	457375.700	9198590.100	2309.120	2.762	1.249	-156.800	-0.076	-0.028	-0.936	-0.012	-0.019	0.011
0016	18142034100475	457528.790	9198223.550	2308.880	2.762	1.254	-156.802	-0.076	-0.028	-0.936	-0.012	-0.020	0.011
0016	18142034100476	457691.510	9197860.160	2307.570	2.757	1.251	-156.807	-0.076	-0.028	-0.936	-0.012	-0.021	0.012
0016	18142034100477	457859.170	9197500.130	2305.880	2.766	1.242	-156.810	-0.076	-0.028	-0.936	-0.012	-0.021	0.012
0016	18142034100478	458027.580	9197140.060	2305.210	2.762	1.251	-156.808	-0.076	-0.028	-0.936	-0.012	-0.022	0.012
0016	18142034100479	458190.750	9196773.110	2304.810	2.763	1.248	-156.810	-0.076	-0.028	-0.936	-0.012	-0.023	0.012
0016	18142034100480	458345.540	9196410.660	2306.620	2.759	1.251	-156.805	-0.076	-0.028	-0.936	-0.011	-0.024	0.013
0017	18142034100481	494426.260	9176036.990	2237.380	3.027	-0.183	175.841	-0.076	-0.028	-0.936	0.016	0.052	0.006
0017	18142034100482	494408.320	9175707.780	2230.070	3.022	-0.180	175.846	-0.076	-0.028	-0.936	0.013	0.052	0.006
0017	18142034100483	494385.950	9175367.100	2220.900	3.023	-0.158	175.845	-0.076	-0.028	-0.936	0.011	0.052	0.006
0017	18142034100484	494362.980	9175028.740	2210.660	3.026	-0.161	175.849	-0.076	-0.028	-0.936	0.008	0.051	0.006
0017	18142034100485	494340.060	9174688.480	2200.670	3.026	-0.161	175.846	-0.076	-0.028	-0.936	0.006	0.051	0.006
0017	18142034100486	494317.300	9174350.270	2193.830	3.032	-0.172	175.846	-0.076	-0.028	-0.936	0.003	0.051	0.006
0017	18142034100487	494295.110	9174010.030	2188.930	3.027	-0.169	175.847	-0.076	-0.028	-0.936	0.001	0.051	0.006
0017	18142034100488	494273.880	9173669.360	2185.070	3.027	-0.170	175.845	-0.076	-0.028	-0.936	-0.002	0.051	0.006
0017	18142034100489	494252.990	9173327.760	2190.010	3.032	-0.174	175.846	-0.076	-0.028	-0.936	-0.004	0.051	0.006
0017	18142034100490	494228.120	9172989.710	2189.100	3.022	-0.155	175.850	-0.076	-0.028	-0.936	-0.007	0.051	0.006
0017	18142034100491	494193.340	9172650.810	2186.870	3.023	-0.156	175.844	-0.076	-0.028	-0.936	-0.009	0.051	0.006
0017	18142034100492	494153.200	9172313.060	2184.940	3.029	-0.158	175.854	-0.076	-0.028	-0.936	-0.012	0.050	0.006
0017	18142034100493	494116.530	9171973.330	2183.150	3.024	-0.172	175.853	-0.076	-0.028	-0.936	-0.015	0.050	0.006
0017	18142034100494	494091.380	9171634.450	2181.360	3.025	-0.179	175.844	-0.076	-0.028	-0.936	-0.017	0.050	0.006

0017	18142034100495	494081.080	9171293.120	2192.270	3.032	-0.172	175.848	-0.076	-0.028	-0.936	-0.020	0.050	0.006
0017	18142034100496	494082.700	9170897.420	2190.360	3.017	-0.156	175.843	-0.076	-0.028	-0.936	-0.023	0.050	0.006
0017	18142034100497	494062.620	9170502.110	2187.520	3.028	-0.168	175.848	-0.076	-0.028	-0.936	-0.026	0.050	0.006
0017	18142034100498	493998.650	9170114.630	2188.320	3.026	-0.170	175.878	-0.076	-0.028	-0.936	-0.029	0.049	0.006
0017	18142034100499	493922.950	9169725.150	2189.400	3.028	-0.158	175.872	-0.076	-0.028	-0.936	-0.032	0.049	0.005
0017	18142034100500	493869.310	9169334.350	2191.830	3.029	-0.161	175.850	-0.076	-0.028	-0.936	-0.035	0.049	0.005
0018	18142034100501	494613.930	9169223.770	2269.110	-3.025	0.209	-4.562	-0.076	-0.028	-0.936	0.005	-0.034	-0.003
0018	18142034100502	494636.680	9169543.450	2270.780	-3.015	0.189	-4.567	-0.076	-0.028	-0.936	0.006	-0.032	-0.002
0018	18142034100503	494670.330	9169910.020	2273.630	-3.026	0.205	-4.566	-0.076	-0.028	-0.936	0.006	-0.030	-0.002
0018	18142034100504	494712.460	9170278.870	2275.100	-3.028	0.172	-4.533	-0.076	-0.028	-0.936	0.007	-0.028	-0.001
0018	18142034100505	494751.050	9170646.240	2276.560	-3.024	0.181	-4.552	-0.076	-0.028	-0.936	0.008	-0.026	-0.001
0018	18142034100506	494781.000	9171016.340	2278.140	-3.027	0.186	-4.556	-0.076	-0.028	-0.936	0.008	-0.024	0.000
0018	18142034100507	494802.570	9171389.150	2279.330	-3.021	0.175	-4.565	-0.076	-0.028	-0.936	0.009	-0.022	0.000
0018	18142034100508	494818.210	9171754.840	2278.740	-3.031	0.192	-4.566	-0.076	-0.028	-0.936	0.009	-0.020	0.001
0018	18142034100509	494837.770	9172126.340	2276.430	-3.027	0.173	-4.562	-0.076	-0.028	-0.936	0.010	-0.018	0.001
0018	18142034100510	494861.830	9172494.880	2274.950	-3.026	0.178	-4.562	-0.076	-0.028	-0.936	0.010	-0.016	0.002
0018	18142034100511	494888.010	9172864.700	2274.210	-3.027	0.189	-4.563	-0.076	-0.028	-0.936	0.011	-0.014	0.002
0018	18142034100512	494921.350	9173233.110	2274.940	-3.025	0.174	-4.558	-0.076	-0.028	-0.936	0.012	-0.012	0.003
0018	18142034100513	494960.250	9173602.550	2275.480	-3.032	0.196	-4.553	-0.076	-0.028	-0.936	0.012	-0.011	0.003
0018	18142034100514	494997.490	9173970.710	2276.030	-3.025	0.181	-4.560	-0.076	-0.028	-0.936	0.013	-0.009	0.004
0018	18142034100515	495030.080	9174337.930	2276.650	-3.027	0.189	-4.559	-0.076	-0.028	-0.936	0.013	-0.007	0.004
0018	18142034100516	495060.030	9174707.430	2277.090	-3.032	0.198	-4.557	-0.076	-0.028	-0.936	0.014	-0.005	0.005
0018	18142034100517	495088.040	9175077.000	2277.180	-3.029	0.190	-4.557	-0.076	-0.028	-0.936	0.015	-0.003	0.005
0018	18142034100518	495114.080	9175446.490	2277.630	-3.022	0.180	-4.563	-0.076	-0.028	-0.936	0.015	-0.001	0.006
0018	18142034100519	495139.730	9175816.220	2277.020	-3.031	0.199	-4.563	-0.076	-0.028	-0.936	0.016	0.001	0.006
0018	18142034100520	495166.050	9176184.980	2276.230	-3.024	0.174	-4.561	-0.076	-0.028	-0.936	0.016	0.003	0.007
0018	18142034100521	495192.970	9176556.180	2276.280	-3.022	0.182	-4.562	-0.076	-0.028	-0.936	0.017	0.005	0.007
0018	18142034100522	495219.050	9176924.210	2276.450	-3.030	0.194	-4.561	-0.076	-0.028	-0.936	0.017	0.007	0.008
0018	18142034100523	495244.570	9177293.260	2277.110	-3.021	0.177	-4.569	-0.076	-0.028	-0.936	0.018	0.009	0.008
0018	18142034100524	495270.350	9177682.360	2278.670	-3.025	0.187	-4.566	-0.076	-0.028	-0.936	0.019	0.011	0.009
0018	18142034100525	495301.290	9178067.370	2278.050	-3.022	0.190	-4.559	-0.076	-0.028	-0.936	0.019	0.013	0.009
0018	18142034100526	495336.470	9178454.270	2278.080	-3.033	0.185	-4.549	-0.076	-0.028	-0.936	0.020	0.016	0.010
0018	18142034100527	495372.030	9178839.240	2278.650	-3.024	0.194	-4.570	-0.076	-0.028	-0.936	0.021	0.018	0.010
0018	18142034100528	495406.930	9179226.530	2279.180	-3.029	0.192	-4.564	-0.076	-0.028	-0.936	0.021	0.020	0.011
0018	18142034100529	495441.500	9179613.160	2280.040	-3.027	0.191	-4.556	-0.076	-0.028	-0.936	0.022	0.022	0.012
0018	18142034100530	495475.090	9180008.310	2281.180	-3.026	0.198	-4.568	-0.076	-0.028	-0.936	0.023	0.024	0.012
0018	18142034100531	495508.010	9180410.880	2281.380	-3.034	0.179	-4.558	-0.076	-0.028	-0.936	0.023	0.026	0.013
0018	18142034100532	495539.440	9180810.910	2281.210	-3.025	0.177	-4.557	-0.076	-0.028	-0.936	0.024	0.029	0.013
0018	18142034100533	495570.920	9181218.850	2282.070	-3.029	0.191	-4.564	-0.076	-0.028	-0.936	0.025	0.031	0.014
0018	18142034100534	495601.500	9181623.550	2284.100	-3.025	0.180	-4.563	-0.076	-0.028	-0.936	0.025	0.033	0.014
0019	18142034100535	496413.450	9181752.180	2280.310	3.026	-0.174	176.068	-0.076	-0.028	-0.936	-0.016	-0.040	0.010
0019	18142034100536	496389.890	9181399.700	2280.710	3.026	-0.159	176.070	-0.076	-0.028	-0.936	-0.016	-0.039	0.010
0019	18142034100537	496360.270	9180989.960	2280.060	3.023	-0.140	176.070	-0.076	-0.028	-0.936	-0.016	-0.038	0.010
0019	18142034100538	496328.050	9180578.020	2278.480	3.024	-0.144	176.066	-0.076	-0.028	-0.936	-0.016	-0.036	0.010
0019	18142034100539	496297.480	9180173.630	2278.090	3.028	-0.148	176.070	-0.076	-0.028	-0.936	-0.017	-0.035	0.009
0019	18142034100540	496268.120	9179768.230	2280.370	3.029	-0.152	176.071	-0.076	-0.028	-0.936	-0.017	-0.034	0.009
0019	18142034100541	496240.190	9179366.300	2283.850	3.027	-0.160	176.066	-0.076	-0.028	-0.936	-0.017	-0.032	0.009
0019	18142034100542	496215.210	9178967.400	2285.540	3.035	-0.166	176.067	-0.076	-0.028	-0.936	-0.017	-0.031	0.009
0019	18142034100543	496189.340	9178569.300	2284.260	3.033	-0.165	176.072	-0.076	-0.028	-0.936	-0.017	-0.030	0.009
0019	18142034100544	496163.310	9178170.490	2282.560	3.027	-0.144	176.068	-0.076	-0.028	-0.936	-0.018	-0.028	0.009
0019	18142034100545	496139.280	9177771.100	2281.970	3.033	-0.165	176.069	-0.076	-0.028	-0.936	-0.018	-0.027	0.008

0019	18142034100546	496116.410	9177378.740	2283.100	3.028	-0.166	176.070	-0.076	-0.028	-0.936	-0.018	-0.026	0.008
0019	18142034100547	496093.030	9176983.540	2283.290	3.036	-0.164	176.069	-0.076	-0.028	-0.936	-0.018	-0.024	0.008
0019	18142034100548	496069.700	9176590.060	2283.560	3.025	-0.143	176.070	-0.076	-0.028	-0.936	-0.018	-0.023	0.008
0019	18142034100549	496045.440	9176198.160	2283.400	3.030	-0.145	176.073	-0.076	-0.028	-0.936	-0.019	-0.022	0.008
0019	18142034100550	496020.900	9175804.510	2283.210	3.032	-0.162	176.069	-0.076	-0.028	-0.936	-0.019	-0.020	0.008
0019	18142034100551	495996.610	9175415.750	2284.130	3.030	-0.158	176.068	-0.076	-0.028	-0.936	-0.019	-0.019	0.008
0019	18142034100552	495970.590	9175023.740	2284.140	3.031	-0.154	176.071	-0.076	-0.028	-0.936	-0.019	-0.018	0.007
0019	18142034100553	495942.290	9174632.160	2284.130	3.029	-0.164	176.071	-0.076	-0.028	-0.936	-0.019	-0.016	0.007
0019	18142034100554	495915.210	9174242.260	2284.360	3.031	-0.160	176.067	-0.076	-0.028	-0.936	-0.020	-0.015	0.007
0019	18142034100555	495888.380	9173850.700	2282.520	3.025	-0.145	176.068	-0.076	-0.028	-0.936	-0.020	-0.014	0.007
0019	18142034100556	495861.520	9173457.940	2281.670	3.028	-0.143	176.070	-0.076	-0.028	-0.936	-0.020	-0.012	0.007
0019	18142034100557	495834.600	9173068.440	2280.330	3.026	-0.152	176.066	-0.076	-0.028	-0.936	-0.020	-0.011	0.007
0019	18142034100558	495804.960	9172677.330	2277.930	3.028	-0.154	176.066	-0.076	-0.028	-0.936	-0.020	-0.010	0.006
0019	18142034100559	495777.980	9172285.410	2276.220	3.025	-0.142	176.068	-0.076	-0.028	-0.936	-0.021	-0.008	0.006
0019	18142034100560	495752.250	9171894.100	2275.040	3.024	-0.143	176.068	-0.076	-0.028	-0.936	-0.021	-0.007	0.006
0019	18142034100561	495725.930	9171503.070	2274.870	3.023	-0.140	176.069	-0.076	-0.028	-0.936	-0.021	-0.006	0.006
0019	18142034100562	495698.630	9171111.680	2274.580	3.031	-0.160	176.075	-0.076	-0.028	-0.936	-0.021	-0.004	0.006
0019	18142034100563	495670.820	9170720.540	2275.650	3.034	-0.171	176.069	-0.076	-0.028	-0.936	-0.021	-0.003	0.006
0019	18142034100564	495642.110	9170328.930	2276.470	3.036	-0.157	176.072	-0.076	-0.028	-0.936	-0.022	-0.001	0.006
0019	18142034100565	495611.170	9169937.270	2276.630	3.028	-0.150	176.068	-0.076	-0.028	-0.936	-0.022	0.000	0.005
0019	18142034100566	495577.860	9169546.990	2278.210	3.028	-0.149	176.080	-0.076	-0.028	-0.936	-0.022	0.001	0.005
0019	18142034100567	495551.380	9169155.130	2278.960	3.022	-0.141	176.063	-0.076	-0.028	-0.936	-0.022	0.003	0.005
0019	18142034100568	495533.730	9168763.890	2278.970	3.032	-0.163	176.065	-0.076	-0.028	-0.936	-0.022	0.004	0.005
0019	18142034100569	495517.020	9168372.200	2279.620	3.030	-0.163	176.071	-0.076	-0.028	-0.936	-0.023	0.005	0.005
0019	18142034100570	495496.570	9167980.310	2279.660	3.023	-0.140	176.071	-0.076	-0.028	-0.936	-0.023	0.007	0.005
0019	18142034100571	495475.280	9167588.890	2279.500	3.030	-0.168	176.070	-0.076	-0.028	-0.936	-0.023	0.008	0.004
0019	18142034100572	495455.000	9167197.220	2277.890	3.031	-0.161	176.070	-0.076	-0.028	-0.936	-0.023	0.009	0.004
0019	18142034100573	495428.990	9166804.620	2276.750	3.031	-0.166	176.073	-0.076	-0.028	-0.936	-0.023	0.010	0.004
0019	18142034100574	495402.050	9166414.750	2275.540	3.024	-0.146	176.065	-0.076	-0.028	-0.936	-0.024	0.012	0.004
0019	18142034100575	495375.060	9166023.160	2273.740	3.027	-0.145	176.071	-0.076	-0.028	-0.936	-0.024	0.013	0.004
0019	18142034100576	495343.260	9165631.310	2272.770	3.018	-0.148	176.064	-0.076	-0.028	-0.936	-0.024	0.014	0.004
0019	18142034100577	495308.080	9165240.830	2274.540	3.031	-0.159	176.074	-0.076	-0.028	-0.936	-0.024	0.016	0.004
0019	18142034100578	495280.410	9164849.840	2277.390	3.023	-0.169	176.044	-0.076	-0.028	-0.936	-0.024	0.017	0.003
0019	18142034100579	495251.840	9164458.730	2284.650	3.029	-0.160	176.072	-0.076	-0.028	-0.936	-0.025	0.018	0.003
0019	18142034100580	495221.210	9164067.720	2287.850	3.034	-0.163	176.069	-0.076	-0.028	-0.936	-0.025	0.020	0.003
0019	18142034100581	495192.750	9163677.310	2288.200	3.022	-0.142	176.069	-0.076	-0.028	-0.936	-0.025	0.021	0.003
0019	18142034100582	495170.200	9163285.950	2286.040	3.026	-0.160	176.071	-0.076	-0.028	-0.936	-0.025	0.022	0.003
0019	18142034100583	495152.880	9162893.670	2281.270	3.025	-0.150	176.066	-0.076	-0.028	-0.936	-0.025	0.023	0.003
0019	18142034100584	495133.030	9162502.810	2277.940	3.023	-0.145	176.068	-0.076	-0.028	-0.936	-0.026	0.025	0.002
0019	18142034100585	495101.610	9162111.310	2276.510	3.026	-0.145	176.072	-0.076	-0.028	-0.936	-0.026	0.026	0.002
0020	18142034100586	496005.280	9160623.220	2288.070	-3.029	0.145	-3.933	-0.076	-0.028	-0.936	0.009	-0.036	0.005
0020	18142034100587	496029.820	9161016.450	2287.080	-3.020	0.143	-3.936	-0.076	-0.028	-0.936	0.010	-0.034	0.005
0020	18142034100588	496050.930	9161410.470	2286.030	-3.029	0.147	-3.927	-0.076	-0.028	-0.936	0.010	-0.033	0.005
0020	18142034100589	496068.930	9161805.840	2284.600	-3.029	0.164	-3.939	-0.076	-0.028	-0.936	0.011	-0.031	0.004
0020	18142034100590	496094.230	9162204.980	2281.250	-3.039	0.161	-3.943	-0.076	-0.028	-0.936	0.011	-0.030	0.004
0020	18142034100591	496125.460	9162604.630	2277.600	-3.029	0.134	-3.922	-0.076	-0.028	-0.936	0.012	-0.028	0.004
0020	18142034100592	496159.720	9163006.140	2276.020	-3.032	0.174	-3.944	-0.076	-0.028	-0.936	0.012	-0.027	0.004
0020	18142034100593	496192.090	9163412.190	2273.700	-3.025	0.156	-3.930	-0.076	-0.028	-0.936	0.012	-0.025	0.004
0020	18142034100594	496218.110	9163816.800	2273.110	-3.024	0.147	-3.927	-0.076	-0.028	-0.936	0.013	-0.024	0.004
0020	18142034100595	496241.950	9164222.760	2272.950	-3.029	0.149	-3.932	-0.076	-0.028	-0.936	0.013	-0.022	0.004
0020	18142034100596	496265.230	9164629.850	2274.270	-3.023	0.146	-3.935	-0.076	-0.028	-0.936	0.014	-0.021	0.004

0020	18142034100597	496286.610	9165035.180	2276.440	-3.032	0.157	-3.932	-0.076	-0.028	-0.936	0.014	-0.019	0.004
0020	18142034100598	496308.620	9165442.770	2278.810	-3.025	0.144	-3.938	-0.076	-0.028	-0.936	0.015	-0.018	0.004
0020	18142034100599	496334.900	9165846.850	2280.840	-3.034	0.157	-3.933	-0.076	-0.028	-0.936	0.015	-0.016	0.004
0020	18142034100600	496363.520	9166254.720	2282.720	-3.024	0.146	-3.930	-0.076	-0.028	-0.936	0.015	-0.015	0.004
0020	18142034100601	496391.950	9166658.800	2284.070	-3.029	0.158	-3.935	-0.076	-0.028	-0.936	0.016	-0.013	0.004
0020	18142034100602	496420.460	9167064.270	2283.360	-3.032	0.167	-3.931	-0.076	-0.028	-0.936	0.016	-0.012	0.004
0020	18142034100603	496449.890	9167472.210	2281.400	-3.031	0.149	-3.933	-0.076	-0.028	-0.936	0.017	-0.010	0.004
0020	18142034100604	496481.020	9167875.860	2279.590	-3.031	0.157	-3.933	-0.076	-0.028	-0.936	0.017	-0.009	0.004
0020	18142034100605	496514.810	9168280.100	2279.340	-3.025	0.158	-3.928	-0.076	-0.028	-0.936	0.018	-0.007	0.004
0020	18142034100606	496548.950	9168687.790	2279.880	-3.028	0.140	-3.928	-0.076	-0.028	-0.936	0.018	-0.005	0.004
0020	18142034100607	496577.590	9169093.100	2281.020	-3.029	0.164	-3.937	-0.076	-0.028	-0.936	0.019	-0.004	0.004
0020	18142034100608	496602.690	9169497.410	2281.700	-3.033	0.163	-3.932	-0.076	-0.028	-0.936	0.019	-0.003	0.004
0020	18142034100609	496628.710	9169904.690	2281.810	-3.032	0.159	-3.931	-0.076	-0.028	-0.936	0.019	-0.001	0.004
0020	18142034100610	496655.150	9170309.390	2281.170	-3.029	0.160	-3.932	-0.076	-0.028	-0.936	0.020	0.000	0.004
0020	18142034100611	496682.550	9170715.350	2279.610	-3.025	0.144	-3.936	-0.076	-0.028	-0.936	0.020	0.002	0.004
0020	18142034100612	496711.110	9171121.450	2277.380	-3.034	0.160	-3.928	-0.076	-0.028	-0.936	0.021	0.003	0.004
0020	18142034100613	496739.550	9171526.350	2275.620	-3.023	0.142	-3.932	-0.076	-0.028	-0.936	0.021	0.005	0.004
0020	18142034100614	496767.730	9171932.440	2274.660	-3.027	0.151	-3.930	-0.076	-0.028	-0.936	0.021	0.006	0.003
0020	18142034100615	496795.760	9172338.870	2274.560	-3.033	0.156	-3.929	-0.076	-0.028	-0.936	0.022	0.008	0.003
0022	18142034100624	494707.510	9161596.560	2303.120	2.907	0.869	-163.737	-0.076	-0.028	-0.936	-0.023	0.066	0.004
0022	18142034100625	494834.060	9161220.270	2302.510	2.907	0.867	-163.739	-0.076	-0.028	-0.936	-0.023	0.064	0.004
0022	18142034100626	494955.600	9160844.980	2302.110	2.895	0.898	-163.738	-0.076	-0.028	-0.936	-0.023	0.062	0.004
0022	18142034100627	495067.140	9160466.990	2302.360	2.894	0.908	-163.739	-0.076	-0.028	-0.936	-0.023	0.061	0.004
0022	18142034100628	495167.130	9160086.730	2301.890	2.894	0.895	-163.733	-0.076	-0.028	-0.936	-0.023	0.059	0.004
0022	18142034100629	495265.980	9159703.790	2302.490	2.895	0.894	-163.731	-0.076	-0.028	-0.936	-0.023	0.058	0.004
0022	18142034100630	495370.010	9159322.630	2308.320	2.902	0.887	-163.739	-0.076	-0.028	-0.936	-0.023	0.056	0.004
0022	18142034100631	495477.910	9158942.100	2314.440	2.898	0.885	-163.742	-0.076	-0.028	-0.936	-0.023	0.055	0.004
0022	18142034100632	495589.010	9158565.370	2320.340	2.888	0.909	-163.735	-0.076	-0.028	-0.936	-0.023	0.053	0.004
0022	18142034100633	495712.640	9158189.280	2325.970	2.897	0.893	-163.750	-0.076	-0.028	-0.936	-0.023	0.052	0.004
0022	18142034100634	495834.490	9157812.650	2330.990	2.893	0.902	-163.735	-0.076	-0.028	-0.936	-0.023	0.050	0.004
0022	18142034100635	495948.350	9157435.170	2334.840	2.895	0.898	-163.735	-0.076	-0.028	-0.936	-0.023	0.049	0.004
0022	18142034100636	496058.860	9157056.500	2336.480	2.897	0.904	-163.737	-0.076	-0.028	-0.936	-0.023	0.047	0.004
0022	18142034100637	496169.420	9156676.110	2338.000	2.898	0.900	-163.744	-0.076	-0.028	-0.936	-0.023	0.046	0.004
0022	18142034100638	496278.230	9156298.750	2339.990	2.886	0.915	-163.739	-0.076	-0.028	-0.936	-0.023	0.044	0.004
0022	18142034100639	496388.070	9155919.000	2341.320	2.894	0.898	-163.739	-0.076	-0.028	-0.936	-0.023	0.042	0.004
0022	18142034100640	496499.270	9155539.410	2341.450	2.906	0.884	-163.738	-0.076	-0.028	-0.936	-0.023	0.041	0.004
0022	18142034100641	496608.270	9155160.430	2342.300	2.903	0.890	-163.742	-0.076	-0.028	-0.936	-0.023	0.039	0.004
0022	18142034100642	496719.110	9154782.490	2344.540	2.902	0.888	-163.735	-0.076	-0.028	-0.936	-0.023	0.038	0.004
0022	18142034100643	496832.790	9154403.180	2346.040	2.894	0.898	-163.739	-0.076	-0.028	-0.936	-0.023	0.036	0.004
0022	18142034100644	496944.540	9154025.770	2346.870	2.894	0.899	-163.746	-0.076	-0.028	-0.936	-0.023	0.035	0.004
0022	18142034100645	497055.440	9153644.470	2347.730	2.891	0.901	-163.742	-0.076	-0.028	-0.936	-0.023	0.033	0.004
0022	18142034100646	497167.020	9153268.620	2347.500	2.886	0.906	-163.743	-0.076	-0.028	-0.936	-0.023	0.031	0.004
0022	18142034100647	497275.640	9152888.090	2347.510	2.881	0.909	-163.746	-0.076	-0.028	-0.936	-0.023	0.030	0.004
0022	18142034100648	497386.600	9152510.060	2347.460	2.897	0.900	-163.737	-0.076	-0.028	-0.936	-0.023	0.028	0.004
0022	18142034100649	497500.540	9152130.950	2346.910	2.901	0.887	-163.746	-0.076	-0.028	-0.936	-0.023	0.027	0.004
0022	18142034100650	497616.790	9151754.840	2346.670	2.888	0.907	-163.735	-0.076	-0.028	-0.936	-0.023	0.025	0.004
0022	18142034100651	497734.750	9151376.590	2346.710	2.895	0.898	-163.744	-0.076	-0.028	-0.936	-0.023	0.024	0.004
0022	18142034100652	497850.270	9151000.210	2345.970	2.898	0.896	-163.741	-0.076	-0.028	-0.936	-0.023	0.022	0.004
0022	18142034100653	497958.270	9150618.440	2343.240	2.891	0.906	-163.739	-0.076	-0.028	-0.936	-0.023	0.021	0.004
0022	18142034100654	498059.740	9150239.290	2342.300	2.898	0.896	-163.743	-0.076	-0.028	-0.936	-0.023	0.019	0.004
0022	18142034100655	498163.160	9149857.570	2339.950	2.901	0.894	-163.741	-0.076	-0.028	-0.936	-0.023	0.017	0.004

0022	18142034100656	498268.400	9149477.470	2337.720	2.897	0.893	-163.746	-0.076	-0.028	-0.936	-0.023	0.016	0.004
0022	18142034100657	498375.090	9149096.790	2335.800	2.903	0.896	-163.741	-0.076	-0.028	-0.936	-0.023	0.014	0.004
0022	18142034100658	498481.350	9148717.170	2334.270	2.895	0.902	-163.743	-0.076	-0.028	-0.936	-0.023	0.013	0.003
0022	18142034100659	498592.690	9148337.730	2333.830	2.897	0.907	-163.743	-0.076	-0.028	-0.936	-0.023	0.011	0.003
0022	18142034100660	498709.360	9147961.650	2333.620	2.892	0.904	-163.742	-0.076	-0.028	-0.936	-0.023	0.010	0.003
0022	18142034100661	498827.230	9147582.530	2332.930	2.893	0.896	-163.746	-0.076	-0.028	-0.936	-0.023	0.008	0.003
0022	18142034100662	498936.030	9147205.600	2331.220	2.902	0.889	-163.744	-0.076	-0.028	-0.936	-0.023	0.007	0.003
0022	18142034100663	499042.200	9146824.550	2329.800	2.891	0.904	-163.742	-0.076	-0.028	-0.936	-0.023	0.005	0.003
0023	18142034100664	499844.600	9146585.470	2340.950	-2.911	-0.864	15.746	-0.076	-0.028	-0.936	0.015	-0.034	-0.005
0023	18142034100665	499752.500	9146933.670	2340.630	-2.890	-0.888	15.758	-0.076	-0.028	-0.936	0.015	-0.034	-0.005
0023	18142034100666	499650.730	9147310.690	2341.250	-2.896	-0.880	15.735	-0.076	-0.028	-0.936	0.015	-0.034	-0.005
0023	18142034100667	499540.190	9147683.240	2341.140	-2.915	-0.861	15.740	-0.076	-0.028	-0.936	0.015	-0.033	-0.004
0023	18142034100668	499431.330	9148057.130	2341.300	-2.898	-0.885	15.743	-0.076	-0.028	-0.936	0.015	-0.033	-0.004
0023	18142034100669	499328.110	9148434.240	2341.010	-2.906	-0.871	15.741	-0.076	-0.028	-0.936	0.015	-0.032	-0.004
0023	18142034100670	499227.430	9148809.940	2340.760	-2.912	-0.861	15.738	-0.076	-0.028	-0.936	0.015	-0.032	-0.004
0023	18142034100671	499127.190	9149187.310	2340.710	-2.901	-0.874	15.745	-0.076	-0.028	-0.936	0.015	-0.032	-0.003
0023	18142034100672	499029.310	9149566.030	2339.750	-2.896	-0.885	15.745	-0.076	-0.028	-0.936	0.015	-0.031	-0.003
0023	18142034100673	498933.210	9149943.430	2336.430	-2.898	-0.882	15.745	-0.076	-0.028	-0.936	0.015	-0.031	-0.003
0023	18142034100674	498834.000	9150320.040	2332.270	-2.906	-0.871	15.746	-0.076	-0.028	-0.936	0.015	-0.031	-0.003
0023	18142034100675	498727.790	9150695.670	2327.430	-2.907	-0.870	15.741	-0.076	-0.028	-0.936	0.015	-0.030	-0.002
0023	18142034100676	498613.060	9151068.570	2322.030	-2.910	-0.862	15.739	-0.076	-0.028	-0.936	0.015	-0.030	-0.002
0023	18142034100677	498499.300	9151440.900	2316.820	-2.909	-0.865	15.747	-0.076	-0.028	-0.936	0.015	-0.030	-0.002
0023	18142034100678	498385.460	9151814.260	2311.910	-2.906	-0.871	15.743	-0.076	-0.028	-0.936	0.015	-0.029	-0.001
0023	18142034100679	498270.720	9152188.240	2308.410	-2.895	-0.882	15.741	-0.076	-0.028	-0.936	0.015	-0.029	-0.001
0023	18142034100680	498159.550	9152561.370	2305.170	-2.899	-0.876	15.746	-0.076	-0.028	-0.936	0.015	-0.029	-0.001
0023	18142034100681	498053.680	9152938.800	2301.920	-2.904	-0.878	15.751	-0.076	-0.028	-0.936	0.015	-0.029	-0.001
0023	18142034100682	497951.840	9153311.630	2301.100	-2.901	-0.879	15.744	-0.076	-0.028	-0.936	0.015	-0.028	0.000
0023	18142034100683	497849.520	9153689.070	2302.070	-2.898	-0.874	15.743	-0.076	-0.028	-0.936	0.015	-0.028	0.000
0023	18142034100684	497746.690	9154063.410	2304.640	-2.899	-0.874	15.745	-0.076	-0.028	-0.936	0.015	-0.028	0.000
0023	18142034100685	497640.860	9154440.330	2308.190	-2.910	-0.865	15.746	-0.076	-0.028	-0.936	0.015	-0.027	0.000
0023	18142034100686	497533.600	9154814.430	2310.440	-2.897	-0.886	15.749	-0.076	-0.028	-0.936	0.015	-0.027	0.001
0023	18142034100687	497424.750	9155190.010	2312.500	-2.907	-0.868	15.747	-0.076	-0.028	-0.936	0.015	-0.027	0.001
0023	18142034100688	497315.900	9155565.200	2314.520	-2.907	-0.866	15.751	-0.076	-0.028	-0.936	0.015	-0.026	0.001
0023	18142034100689	497209.110	9155939.820	2317.190	-2.908	-0.876	15.752	-0.076	-0.028	-0.936	0.015	-0.026	0.001
0023	18142034100690	497101.760	9156314.790	2319.470	-2.910	-0.863	15.743	-0.076	-0.028	-0.936	0.015	-0.026	0.002
0023	18142034100691	496994.730	9156688.930	2321.020	-2.901	-0.870	15.750	-0.076	-0.028	-0.936	0.015	-0.025	0.002
0023	18142034100692	496888.820	9157064.750	2322.790	-2.902	-0.872	15.746	-0.076	-0.028	-0.936	0.015	-0.025	0.002
0023	18142034100693	496782.120	9157440.990	2323.360	-2.907	-0.860	15.750	-0.076	-0.028	-0.936	0.015	-0.025	0.003
0023	18142034100694	496674.790	9157815.050	2321.980	-2.903	-0.872	15.749	-0.076	-0.028	-0.936	0.015	-0.024	0.003
0023	18142034100695	496566.310	9158190.140	2320.030	-2.891	-0.891	15.744	-0.076	-0.028	-0.936	0.015	-0.024	0.003
0023	18142034100696	496457.460	9158564.880	2319.940	-2.906	-0.870	15.742	-0.076	-0.028	-0.936	0.015	-0.024	0.003
0023	18142034100697	496351.080	9158939.940	2321.660	-2.909	-0.870	15.753	-0.076	-0.028	-0.936	0.015	-0.023	0.004
0023	18142034100698	496246.680	9159314.120	2324.250	-2.899	-0.882	15.750	-0.076	-0.028	-0.936	0.015	-0.023	0.004
0023	18142034100699	496139.410	9159691.570	2328.110	-2.892	-0.888	15.756	-0.076	-0.028	-0.936	0.015	-0.023	0.004
0023	18142034100700	496031.950	9160066.240	2332.670	-2.905	-0.877	15.756	-0.076	-0.028	-0.936	0.015	-0.022	0.004
0023	18142034100701	495922.090	9160439.130	2338.440	-2.904	-0.884	15.750	-0.076	-0.028	-0.936	0.015	-0.022	0.005
0023	18142034100702	495812.700	9160814.920	2344.680	-2.890	-0.881	15.740	-0.076	-0.028	-0.936	0.015	-0.022	0.005
0023	18142034100703	495707.180	9161190.340	2350.650	-2.901	-0.879	15.745	-0.076	-0.028	-0.936	0.015	-0.021	0.005
0023	18142034100704	495607.580	9161567.780	2354.970	-2.897	-0.879	15.741	-0.076	-0.028	-0.936	0.015	-0.021	0.006
0023	18142034100705	495508.310	9161947.200	2355.850	-2.903	-0.878	15.746	-0.076	-0.028	-0.936	0.015	-0.020	0.006
0024	18142034100706	497531.220	9164906.490	2362.380	3.019	-0.351	172.698	-0.076	-0.028	-0.936	-0.008	0.017	-0.004

0024	18142034100707	497476.960	9164480.700	2362.860	3.016	-0.333	172.692	-0.076	-0.028	-0.936	-0.008	0.014	-0.003
0024	18142034100708	497429.370	9164055.280	2363.800	3.009	-0.313	172.683	-0.076	-0.028	-0.936	-0.008	0.011	-0.002
0024	18142034100709	497380.180	9163633.020	2365.790	3.016	-0.337	172.703	-0.076	-0.028	-0.936	-0.009	0.008	-0.001
0024	18142034100710	497326.720	9163212.690	2370.700	3.013	-0.319	172.707	-0.076	-0.028	-0.936	-0.009	0.005	-0.001
0024	18142034100711	497276.000	9162806.960	2375.190	3.000	-0.317	172.682	-0.076	-0.028	-0.936	-0.009	0.002	0.000
0024	18142034100712	497227.410	9162408.180	2379.600	3.016	-0.333	172.707	-0.076	-0.028	-0.936	-0.009	-0.001	0.001
0024	18142034100713	497181.720	9162008.880	2381.120	3.009	-0.322	172.689	-0.076	-0.028	-0.936	-0.009	-0.003	0.001
0024	18142034100714	497135.000	9161611.120	2383.850	3.010	-0.311	172.689	-0.076	-0.028	-0.936	-0.010	-0.006	0.002
0024	18142034100715	497088.160	9161211.710	2387.950	3.015	-0.335	172.688	-0.076	-0.028	-0.936	-0.010	-0.009	0.003
0024	18142034100716	497042.260	9160812.450	2390.560	3.007	-0.338	172.683	-0.076	-0.028	-0.936	-0.010	-0.012	0.003
0024	18142034100717	496976.940	9160416.790	2389.450	3.011	-0.336	172.698	-0.076	-0.028	-0.936	-0.010	-0.015	0.004
0024	18142034100718	496903.370	9160021.830	2386.210	3.009	-0.337	172.682	-0.076	-0.028	-0.936	-0.010	-0.018	0.005
0024	18142034100719	496847.090	9159624.170	2380.720	3.011	-0.331	172.690	-0.076	-0.028	-0.936	-0.010	-0.020	0.005
0024	18142034100720	496797.420	9159225.120	2374.460	3.016	-0.354	172.689	-0.076	-0.028	-0.936	-0.011	-0.023	0.006
0024	18142034100721	496750.690	9158825.680	2365.100	3.016	-0.342	172.697	-0.076	-0.028	-0.936	-0.011	-0.025	0.007
0024	18142034100722	496702.730	9158428.800	2347.750	3.018	-0.337	172.695	-0.076	-0.028	-0.936	-0.011	-0.028	0.007
0024	18142034100723	496654.250	9158030.240	2330.600	3.019	-0.344	172.685	-0.076	-0.028	-0.936	-0.011	-0.030	0.008
0024	18142034100724	496605.790	9157634.270	2315.270	3.014	-0.330	172.691	-0.076	-0.028	-0.936	-0.011	-0.032	0.008
0024	18142034100725	496549.200	9157238.260	2301.270	2.717	-2.593	172.677	-0.076	-0.028	-0.936	-0.011	-0.034	0.008
0024	18142034100726	496461.360	9156845.950	2286.610	1.688	-6.270	172.629	-0.076	-0.028	-0.936	-0.012	-0.036	0.008
0025	19155544100011	447583.090	9209151.420	2371.360	-1.753	2.476	-55.503	-0.076	-0.028	-0.936	-0.026	0.023	-0.027
0025	19155544100012	447863.660	9209343.380	2371.360	-1.748	2.475	-55.509	-0.076	-0.028	-0.936	-0.023	0.020	-0.025
0025	19155544100013	448190.290	9209566.970	2372.660	-1.763	2.462	-55.502	-0.076	-0.028	-0.936	-0.020	0.018	-0.022
0025	19155544100014	448516.730	9209791.570	2374.850	-1.765	2.465	-55.509	-0.076	-0.028	-0.936	-0.017	0.015	-0.019
0025	19155544100015	448842.340	9210022.130	2377.840	-1.766	2.456	-55.514	-0.076	-0.028	-0.936	-0.014	0.013	-0.015
0025	19155544100016	449164.950	9210252.090	2379.720	-1.766	2.457	-55.511	-0.076	-0.028	-0.936	-0.011	0.010	-0.012
0025	19155544100017	449487.480	9210483.620	2381.050	-1.756	2.472	-55.508	-0.076	-0.028	-0.936	-0.008	0.008	-0.009
0025	19155544100018	449807.660	9210716.690	2382.000	-1.760	2.469	-55.507	-0.076	-0.028	-0.936	-0.005	0.005	-0.006
0025	19155544100019	450112.460	9210938.990	2382.330	-1.765	2.465	-55.509	-0.076	-0.028	-0.936	-0.002	0.003	-0.003
0025	19155544100020	450421.230	9211155.820	2382.030	-1.758	2.467	-55.509	-0.076	-0.028	-0.936	0.001	0.001	0.000
0025	19155544100021	450734.040	9211368.080	2382.000	-1.753	2.474	-55.509	-0.076	-0.028	-0.936	0.004	-0.002	0.002
0025	19155544100022	451045.870	9211579.910	2380.880	-1.765	2.462	-55.514	-0.076	-0.028	-0.936	0.007	-0.004	0.005
0025	19155544100023	451358.340	9211791.760	2379.590	-1.756	2.472	-55.511	-0.076	-0.028	-0.936	0.010	-0.007	0.008
0025	19155544100024	451671.570	9212003.800	2379.790	-1.762	2.469	-55.514	-0.076	-0.028	-0.936	0.013	-0.009	0.011
0025	19155544100025	451982.120	9212216.260	2382.070	-1.766	2.466	-55.514	-0.076	-0.028	-0.936	0.015	-0.011	0.014
0025	19155544100026	452290.520	9212427.490	2382.780	-1.773	2.462	-55.506	-0.076	-0.028	-0.936	0.018	-0.014	0.017
0025	19155544100027	452599.380	9212636.910	2382.060	-1.767	2.466	-55.513	-0.076	-0.028	-0.936	0.021	-0.016	0.020
0025	19155544100028	452957.890	9212887.700	2379.060	-1.750	2.474	-55.517	-0.076	-0.028	-0.936	0.025	-0.019	0.023
0025	19155544100029	453307.000	9213144.350	2376.340	-1.750	2.476	-55.519	-0.076	-0.028	-0.936	0.028	-0.022	0.027
0025	19155544100030	453659.730	9213402.800	2373.790	-1.757	2.470	-55.510	-0.076	-0.028	-0.936	0.031	-0.024	0.030
0025	19155544100031	454012.290	9213657.040	2373.210	-1.758	2.463	-55.518	-0.076	-0.028	-0.936	0.035	-0.027	0.033
0026	19155544100032	451623.030	9209432.130	2397.960	-1.217	-2.778	65.323	-0.076	-0.028	-0.936	-0.047	0.017	-0.002
0026	19155544100033	451323.170	9209568.700	2395.920	-1.225	-2.771	65.335	-0.076	-0.028	-0.936	-0.045	0.017	-0.002
0026	19155544100034	450992.520	9209716.830	2394.720	-1.216	-2.775	65.335	-0.076	-0.028	-0.936	-0.044	0.017	-0.002
0026	19155544100035	450658.320	9209860.990	2395.560	-1.206	-2.781	65.340	-0.076	-0.028	-0.936	-0.042	0.017	-0.002
0026	19155544100036	450310.910	9210008.850	2398.910	-1.221	-2.781	65.330	-0.076	-0.028	-0.936	-0.040	0.018	-0.002
0026	19155544100037	449956.970	9210162.530	2403.570	-1.235	-2.776	65.324	-0.076	-0.028	-0.936	-0.038	0.018	-0.002
0026	19155544100038	449604.850	9210321.580	2406.390	-1.203	-2.786	65.348	-0.076	-0.028	-0.936	-0.036	0.018	-0.002
0026	19155544100039	449219.170	9210501.910	2408.870	-1.200	-2.785	65.345	-0.076	-0.028	-0.936	-0.034	0.018	-0.002
0026	19155544100040	448833.700	9210685.460	2411.090	-1.215	-2.778	65.333	-0.076	-0.028	-0.936	-0.032	0.018	-0.002
0026	19155544100041	448449.260	9210868.520	2411.370	-1.198	-2.786	65.336	-0.076	-0.028	-0.936	-0.030	0.019	-0.002

0026	19155544100042	448065.730	9211049.530	2409.300	-1.216	-2.777	65.338	-0.076	-0.028	-0.936	-0.027	0.019	-0.002
0026	19155544100043	447680.440	9211229.510	2406.170	-1.222	-2.777	65.338	-0.076	-0.028	-0.936	-0.025	0.019	-0.002
0026	19155544100044	447293.310	9211408.190	2403.550	-1.211	-2.775	65.334	-0.076	-0.028	-0.936	-0.023	0.019	-0.002
0026	19155544100045	446904.760	9211584.420	2402.210	-1.227	-2.778	65.338	-0.076	-0.028	-0.936	-0.021	0.019	-0.002
0026	19155544100046	446516.660	9211759.040	2402.040	-1.223	-2.781	65.336	-0.076	-0.028	-0.936	-0.019	0.020	-0.002
0026	19155544100047	446126.870	9211931.850	2402.470	-1.229	-2.774	65.332	-0.076	-0.028	-0.936	-0.017	0.020	-0.002
0026	19155544100048	445736.900	9212104.510	2401.410	-1.230	-2.776	65.334	-0.076	-0.028	-0.936	-0.015	0.020	-0.002
0026	19155544100049	445347.790	9212277.190	2399.960	-1.212	-2.773	65.341	-0.076	-0.028	-0.936	-0.013	0.020	-0.002
0026	19155544100050	444956.040	9212449.730	2400.300	-1.222	-2.776	65.336	-0.076	-0.028	-0.936	-0.011	0.021	-0.002
0026	19155544100051	444565.650	9212619.600	2401.400	-1.229	-2.777	65.340	-0.076	-0.028	-0.936	-0.008	0.021	-0.002
0026	19155544100052	444173.780	9212791.860	2402.730	-1.211	-2.778	65.339	-0.076	-0.028	-0.936	-0.006	0.021	-0.002
0026	19155544100053	443783.500	9212961.920	2404.090	-1.214	-2.777	65.338	-0.076	-0.028	-0.936	-0.004	0.021	-0.002
0026	19155544100054	443393.490	9213135.040	2405.660	-1.216	-2.777	65.335	-0.076	-0.028	-0.936	-0.002	0.021	-0.002
0026	19155544100055	443007.260	9213313.690	2406.220	-1.215	-2.779	65.340	-0.076	-0.028	-0.936	0.000	0.022	-0.002
0026	19155544100056	442618.380	9213495.030	2407.930	-1.217	-2.772	65.336	-0.076	-0.028	-0.936	0.002	0.022	-0.002
0026	19155544100057	442237.120	9213680.890	2407.800	-1.218	-2.777	65.344	-0.076	-0.028	-0.936	0.004	0.022	-0.002
0026	19155544100058	441854.530	9213870.470	2407.740	-1.225	-2.772	65.333	-0.076	-0.028	-0.936	0.007	0.022	-0.002
0026	19155544100059	441470.120	9214055.840	2405.640	-1.208	-2.784	65.340	-0.076	-0.028	-0.936	0.009	0.023	-0.002
0026	19155544100060	441083.860	9214235.600	2405.230	-1.215	-2.777	65.328	-0.076	-0.028	-0.936	0.011	0.023	-0.002
0026	19155544100061	440695.020	9214412.520	2404.200	-1.204	-2.780	65.345	-0.076	-0.028	-0.936	0.013	0.023	-0.002
0026	19155544100062	440307.650	9214588.040	2405.020	-1.198	-2.780	65.347	-0.076	-0.028	-0.936	0.015	0.023	-0.002
0026	19155544100063	439916.620	9214764.160	2407.080	-1.213	-2.779	65.348	-0.076	-0.028	-0.936	0.017	0.023	-0.002
0026	19155544100064	439531.700	9214943.420	2407.760	-1.219	-2.774	65.352	-0.076	-0.028	-0.936	0.019	0.024	-0.002
0026	19155544100065	439146.010	9215125.280	2408.460	-1.214	-2.777	65.345	-0.076	-0.028	-0.936	0.021	0.024	-0.002
0026	19155544100066	438759.410	9215303.850	2409.660	-1.213	-2.779	65.343	-0.076	-0.028	-0.936	0.023	0.024	-0.002
0026	19155544100067	438366.450	9215480.610	2411.150	-1.222	-2.776	65.342	-0.076	-0.028	-0.936	0.025	0.024	-0.002
0026	19155544100068	437968.590	9215661.620	2412.300	-1.215	-2.778	65.343	-0.076	-0.028	-0.936	0.028	0.024	-0.002
0026	19155544100069	437573.740	9215845.560	2412.370	-1.204	-2.785	65.350	-0.076	-0.028	-0.936	0.030	0.025	-0.002
0026	19155544100070	437178.590	9216031.180	2411.600	-1.218	-2.779	65.354	-0.076	-0.028	-0.936	0.032	0.025	-0.002
0026	19155544100071	436785.820	9216219.010	2411.440	-1.224	-2.775	65.348	-0.076	-0.028	-0.936	0.034	0.025	-0.002
0027	19155544100072	437918.460	9216635.110	2409.810	1.232	2.774	-114.410	-0.076	-0.028	-0.936	0.022	-0.024	-0.009
0027	19155544100073	438268.260	9216478.430	2413.210	1.217	2.785	-114.408	-0.076	-0.028	-0.936	0.022	-0.024	-0.009
0027	19155544100074	438660.050	9216295.480	2414.230	1.199	2.783	-114.411	-0.076	-0.028	-0.936	0.021	-0.024	-0.008
0027	19155544100075	439053.180	9216114.140	2414.470	1.197	2.788	-114.397	-0.076	-0.028	-0.936	0.021	-0.024	-0.008
0027	19155544100076	439445.280	9215932.760	2411.880	1.215	2.780	-114.422	-0.076	-0.028	-0.936	0.021	-0.025	-0.008
0027	19155544100077	439837.480	9215750.560	2411.370	1.192	2.775	-114.401	-0.076	-0.028	-0.936	0.021	-0.025	-0.007
0027	19155544100078	440227.350	9215564.290	2411.110	1.196	2.780	-114.421	-0.076	-0.028	-0.936	0.021	-0.025	-0.007
0027	19155544100079	440617.480	9215378.560	2411.570	1.187	2.786	-114.408	-0.076	-0.028	-0.936	0.021	-0.025	-0.007
0027	19155544100080	441010.670	9215198.460	2410.660	1.226	2.779	-114.430	-0.076	-0.028	-0.936	0.021	-0.025	-0.007
0027	19155544100081	441407.440	9215024.970	2409.790	1.202	2.785	-114.406	-0.076	-0.028	-0.936	0.021	-0.026	-0.006
0027	19155544100082	441805.120	9214857.240	2411.300	1.212	2.781	-114.417	-0.076	-0.028	-0.936	0.021	-0.026	-0.006
0027	19155544100083	442203.960	9214687.650	2412.660	1.199	2.783	-114.410	-0.076	-0.028	-0.936	0.021	-0.026	-0.006
0027	19155544100084	442595.530	9214504.410	2414.670	1.199	2.780	-114.418	-0.076	-0.028	-0.936	0.021	-0.026	-0.006
0027	19155544100085	442984.240	9214315.890	2416.360	1.192	2.782	-114.415	-0.076	-0.028	-0.936	0.021	-0.026	-0.005
0027	19155544100086	443374.740	9214128.850	2416.780	1.204	2.784	-114.415	-0.076	-0.028	-0.936	0.021	-0.027	-0.005
0027	19155544100087	443766.460	9213946.830	2416.030	1.205	2.782	-114.416	-0.076	-0.028	-0.936	0.021	-0.027	-0.005
0027	19155544100088	444160.340	9213767.890	2414.980	1.201	2.785	-114.409	-0.076	-0.028	-0.936	0.021	-0.027	-0.005
0027	19155544100089	444555.790	9213595.720	2413.720	1.183	2.786	-114.419	-0.076	-0.028	-0.936	0.021	-0.027	-0.004
0027	19155544100090	444956.350	9213430.730	2411.890	1.201	2.783	-114.421	-0.076	-0.028	-0.936	0.021	-0.028	-0.004
0027	19155544100091	445356.430	9213267.090	2411.230	1.203	2.783	-114.415	-0.076	-0.028	-0.936	0.021	-0.028	-0.004
0027	19155544100092	445754.480	9213098.560	2411.710	1.207	2.777	-114.418	-0.076	-0.028	-0.936	0.021	-0.028	-0.003

0027	19155544100093	446154.180	9212930.560	2413.080	1.200	2.786	-114.423	-0.076	-0.028	-0.936	0.020	-0.028	-0.003
0027	19155544100094	446550.390	9212755.690	2414.240	1.193	2.784	-114.415	-0.076	-0.028	-0.936	0.020	-0.028	-0.003
0027	19155544100095	446942.730	9212574.770	2415.590	1.199	2.785	-114.422	-0.076	-0.028	-0.936	0.020	-0.029	-0.003
0027	19155544100096	447335.350	9212392.810	2417.020	1.196	2.784	-114.425	-0.076	-0.028	-0.936	0.020	-0.029	-0.002
0027	19155544100097	447726.600	9212211.650	2416.960	1.189	2.782	-114.420	-0.076	-0.028	-0.936	0.020	-0.029	-0.002
0027	19155544100098	448116.830	9212026.200	2414.520	1.222	2.781	-114.421	-0.076	-0.028	-0.936	0.020	-0.029	-0.002
0027	19155544100099	448506.350	9211847.000	2410.860	1.198	2.782	-114.428	-0.076	-0.028	-0.936	0.020	-0.029	-0.002
0027	19155544100100	448892.370	9211666.580	2407.910	1.220	2.780	-114.428	-0.076	-0.028	-0.936	0.020	-0.030	-0.001
0027	19155544100101	449277.540	9211483.880	2410.130	1.211	2.781	-114.422	-0.076	-0.028	-0.936	0.020	-0.030	-0.001
0027	19155544100102	449666.290	9211307.480	2413.560	1.199	2.776	-114.424	-0.076	-0.028	-0.936	0.020	-0.030	-0.001
0027	19155544100103	450054.070	9211127.810	2416.830	1.204	2.778	-114.426	-0.076	-0.028	-0.936	0.020	-0.030	0.000
0027	19155544100104	450410.100	9210956.710	2418.220	1.200	2.783	-114.420	-0.076	-0.028	-0.936	0.020	-0.030	0.000
0027	19155544100105	450749.900	9210794.330	2417.490	1.196	2.778	-114.420	-0.076	-0.028	-0.936	0.020	-0.031	0.000
0027	19155544100106	451086.990	9210637.660	2415.750	1.203	2.784	-114.420	-0.076	-0.028	-0.936	0.020	-0.031	0.000
0027	19155544100107	451429.410	9210488.680	2411.140	1.197	2.783	-114.425	-0.076	-0.028	-0.936	0.020	-0.031	0.000
0027	19155544100108	451770.620	9210343.010	2408.390	1.202	2.783	-114.417	-0.076	-0.028	-0.936	0.020	-0.031	0.001
0027	19155544100109	452114.050	9210200.220	2407.930	1.205	2.778	-114.427	-0.076	-0.028	-0.936	0.020	-0.031	0.001
0027	19155544100110	452452.630	9210055.780	2408.570	1.213	2.782	-114.429	-0.076	-0.028	-0.936	0.020	-0.032	0.001
0027	19155544100111	452791.360	9209906.000	2410.990	1.204	2.783	-114.418	-0.076	-0.028	-0.936	0.020	-0.032	0.001
0028	19155544100112	445847.530	9211118.120	2408.740	-1.217	-2.774	65.742	-0.076	-0.028	-0.936	-0.047	0.024	-0.006
0028	19155544100113	445466.110	9211290.190	2408.560	-1.214	-2.776	65.740	-0.076	-0.028	-0.936	-0.045	0.024	-0.006
0028	19155544100114	445082.710	9211458.070	2407.090	-1.200	-2.779	65.742	-0.076	-0.028	-0.936	-0.043	0.024	-0.006
0028	19155544100115	444695.550	9211620.980	2406.710	-1.210	-2.787	65.742	-0.076	-0.028	-0.936	-0.041	0.023	-0.005
0028	19155544100116	444306.830	9211780.810	2407.030	-1.201	-2.787	65.740	-0.076	-0.028	-0.936	-0.039	0.023	-0.005
0028	19155544100117	443921.230	9211944.110	2409.770	-1.192	-2.788	65.736	-0.076	-0.028	-0.936	-0.037	0.023	-0.005
0028	19155544100118	443536.410	9212112.050	2410.940	-1.201	-2.788	65.744	-0.076	-0.028	-0.936	-0.035	0.023	-0.005
0028	19155544100119	443154.900	9212283.360	2412.070	-1.205	-2.789	65.746	-0.076	-0.028	-0.936	-0.033	0.023	-0.005
0028	19155544100120	442771.070	9212457.590	2412.870	-1.206	-2.791	65.744	-0.076	-0.028	-0.936	-0.031	0.023	-0.005
0028	19155544100121	442390.200	9212627.560	2412.260	-1.192	-2.790	65.739	-0.076	-0.028	-0.936	-0.029	0.022	-0.004
0028	19155544100122	442007.310	9212800.440	2412.520	-1.203	-2.790	65.745	-0.076	-0.028	-0.936	-0.027	0.022	-0.004
0028	19155544100123	441627.890	9212977.890	2413.480	-1.192	-2.788	65.742	-0.076	-0.028	-0.936	-0.025	0.022	-0.004
0028	19155544100124	441248.100	9213156.330	2413.060	-1.199	-2.783	65.743	-0.076	-0.028	-0.936	-0.023	0.022	-0.004
0028	19155544100125	440869.680	9213335.350	2411.390	-1.203	-2.783	65.740	-0.076	-0.028	-0.936	-0.021	0.022	-0.004
0028	19155544100126	440490.290	9213513.690	2409.370	-1.198	-2.780	65.748	-0.076	-0.028	-0.936	-0.019	0.021	-0.003
0028	19155544100127	440108.000	9213690.070	2409.090	-1.182	-2.787	65.746	-0.076	-0.028	-0.936	-0.017	0.021	-0.003
0028	19155544100128	439728.290	9213859.880	2409.960	-1.182	-2.787	65.742	-0.076	-0.028	-0.936	-0.015	0.021	-0.003
0028	19155544100129	439342.900	9214028.680	2411.490	-1.213	-2.789	65.743	-0.076	-0.028	-0.936	-0.013	0.021	-0.003
0028	19155544100130	438956.560	9214199.090	2412.950	-1.182	-2.791	65.749	-0.076	-0.028	-0.936	-0.012	0.021	-0.003
0028	19155544100131	438576.400	9214366.910	2414.800	-1.191	-2.787	65.751	-0.076	-0.028	-0.936	-0.010	0.021	-0.003
0028	19155544100132	438191.230	9214535.810	2415.730	-1.183	-2.786	65.745	-0.076	-0.028	-0.936	-0.008	0.020	-0.002
0028	19155544100133	437801.800	9214707.110	2416.120	-1.185	-2.788	65.739	-0.076	-0.028	-0.936	-0.006	0.020	-0.002
0028	19155544100134	437413.850	9214878.560	2417.010	-1.203	-2.783	65.744	-0.076	-0.028	-0.936	-0.004	0.020	-0.002
0028	19155544100135	437025.800	9215051.390	2417.590	-1.211	-2.789	65.747	-0.076	-0.028	-0.936	-0.002	0.020	-0.002
0028	19155544100136	436638.720	9215225.700	2417.200	-1.204	-2.786	65.749	-0.076	-0.028	-0.936	0.000	0.020	-0.002
0028	19155544100137	436248.760	9215403.630	2415.060	-1.205	-2.784	65.745	-0.076	-0.028	-0.936	0.002	0.020	-0.002
0028	19155544100138	435856.540	9215583.390	2413.850	-1.194	-2.784	65.751	-0.076	-0.028	-0.936	0.004	0.019	-0.001
0028	19155544100139	435465.130	9215763.000	2414.120	-1.185	-2.785	65.749	-0.076	-0.028	-0.936	0.006	0.019	-0.001
0028	19155544100140	435073.590	9215942.690	2415.150	-1.191	-2.790	65.749	-0.076	-0.028	-0.936	0.008	0.019	-0.001
0028	19155544100141	434683.370	9216120.070	2416.140	-1.190	-2.789	65.747	-0.076	-0.028	-0.936	0.010	0.019	-0.001
0028	19155544100142	434289.620	9216298.210	2416.520	-1.193	-2.791	65.751	-0.076	-0.028	-0.936	0.012	0.019	-0.001
0028	19155544100143	433892.350	9216477.280	2416.840	-1.200	-2.793	65.747	-0.076	-0.028	-0.936	0.015	0.019	-0.001

0028	19155544100144	433494.760	9216656.100	2415.860	-1.196	-2.788	65.750	-0.076	-0.028	-0.936	0.017	0.018	0.000
0028	19155544100145	433096.590	9216838.900	2414.490	-1.191	-2.789	65.749	-0.076	-0.028	-0.936	0.019	0.018	0.000
0029	19155544100146	431233.750	9216393.900	2382.240	1.118	2.816	-112.914	-0.076	-0.028	-0.936	-0.006	0.009	-0.026
0029	19155544100147	431617.020	9216222.560	2384.540	1.126	2.813	-112.924	-0.076	-0.028	-0.936	-0.007	0.007	-0.023
0029	19155544100148	432000.260	9216054.260	2384.770	1.130	2.820	-112.918	-0.076	-0.028	-0.936	-0.008	0.005	-0.020
0029	19155544100149	432387.350	9215886.460	2383.990	1.146	2.813	-112.928	-0.076	-0.028	-0.936	-0.009	0.003	-0.017
0029	19155544100150	432775.130	9215730.640	2382.460	1.130	2.813	-112.928	-0.076	-0.028	-0.936	-0.010	0.001	-0.014
0029	19155544100151	433164.790	9215579.140	2381.060	1.137	2.811	-112.928	-0.076	-0.028	-0.936	-0.010	-0.001	-0.011
0029	19155544100152	433555.790	9215425.010	2382.570	1.129	2.814	-112.919	-0.076	-0.028	-0.936	-0.011	-0.003	-0.008
0029	19155544100153	433944.670	9215264.500	2384.060	1.135	2.814	-112.922	-0.076	-0.028	-0.936	-0.012	-0.005	-0.005
0029	19155544100154	434329.010	9215103.230	2385.440	1.140	2.813	-112.932	-0.076	-0.028	-0.936	-0.013	-0.007	-0.002
0029	19155544100155	434714.760	9214936.670	2386.720	1.141	2.815	-112.924	-0.076	-0.028	-0.936	-0.014	-0.009	0.001
0029	19155544100156	435098.070	9214768.710	2387.050	1.116	2.811	-112.925	-0.076	-0.028	-0.936	-0.015	-0.011	0.004
0029	19155544100157	435482.210	9214598.880	2387.930	1.124	2.816	-112.928	-0.076	-0.028	-0.936	-0.015	-0.013	0.007
0029	19155544100158	435866.730	9214435.390	2389.090	1.126	2.815	-112.927	-0.076	-0.028	-0.936	-0.016	-0.015	0.010
0029	19155544100159	436251.480	9214276.000	2388.580	1.140	2.812	-112.933	-0.076	-0.028	-0.936	-0.017	-0.017	0.013
0029	19155544100160	436633.320	9214115.700	2387.810	1.122	2.811	-112.933	-0.076	-0.028	-0.936	-0.018	-0.019	0.016
0029	19155544100161	437014.260	9213952.570	2387.280	1.122	2.811	-112.931	-0.076	-0.028	-0.936	-0.019	-0.020	0.019
0029	19155544100162	437397.380	9213787.780	2389.390	1.130	2.806	-112.923	-0.076	-0.028	-0.936	-0.019	-0.022	0.022
0029	19155544100163	437781.230	9213631.000	2391.980	1.136	2.814	-112.935	-0.076	-0.028	-0.936	-0.020	-0.024	0.025
0029	19155544100164	438162.900	9213470.380	2391.060	1.130	2.817	-112.927	-0.076	-0.028	-0.936	-0.021	-0.026	0.028

0028	19155544100143	433892.683	9216476.821	2416.059	-1.200	-2.776	65.738	0.409	-0.432	0.155	-0.014	-0.002	-0.009	0.394	0.356	0.138	0.011	0.010	0.003
0028	19155544100144	433494.564	9216655.300	2415.088	-1.184	-2.786	65.748	-0.120	-0.772	0.164	-0.004	-0.017	-0.001	0.431	0.398	0.158	0.012	0.010	0.004
0028	19155544100145	433097.836	9216837.274	2413.927	-1.155	-2.747	65.767	1.322	-1.599	0.373	0.018	0.025	0.018	0.533	0.434	0.197	0.016	0.011	0.005
0029	19155544100146	431235.857	9216393.454	2382.072	1.137	2.866	-112.956	2.184	-0.419	0.767	0.025	0.041	-0.016	0.589	0.543	0.254	0.018	0.015	0.009
0029	19155544100147	431618.122	9216222.375	2383.998	1.131	2.836	-112.961	1.179	-0.157	0.394	0.012	0.015	-0.014	0.487	0.474	0.219	0.015	0.013	0.007
0029	19155544100148	432000.072	9216054.597	2384.057	1.118	2.811	-112.946	-0.111	0.365	0.223	-0.004	-0.015	-0.009	0.436	0.429	0.193	0.013	0.012	0.005
0029	19155544100149	432386.941	9215887.003	2383.180	1.114	2.799	-112.942	-0.332	0.571	0.126	-0.023	-0.016	0.003	0.420	0.402	0.185	0.012	0.011	0.004
0029	19155544100150	432774.754	9215731.360	2381.599	1.097	2.806	-112.930	-0.299	0.748	0.075	-0.024	-0.008	0.012	0.393	0.391	0.180	0.011	0.011	0.004
0029	19155544100151	433163.927	9215579.255	2380.158	1.122	2.792	-112.929	-0.786	0.143	0.033	-0.005	-0.018	0.010	0.397	0.410	0.177	0.012	0.011	0.004
0029	19155544100152	433555.305	9215425.267	2381.645	1.109	2.809	-112.918	-0.408	0.285	0.011	-0.009	-0.003	0.008	0.380	0.402	0.173	0.011	0.011	0.004
0029	19155544100153	433942.879	9215264.238	2383.291	1.129	2.771	-112.918	-1.714	-0.234	0.167	0.006	-0.039	0.009	0.414	0.413	0.164	0.012	0.012	0.004
0029	19155544100154	434328.992	9215102.630	2384.607	1.145	2.822	-112.930	0.059	-0.572	0.103	0.017	0.015	0.004	0.441	0.438	0.163	0.013	0.013	0.004
0029	19155544100155	434714.707	9214936.622	2385.802	1.138	2.823	-112.924	0.024	-0.021	0.018	0.010	0.017	-0.002	0.404	0.430	0.158	0.012	0.013	0.004
0029	19155544100156	435097.090	9214769.772	2386.273	1.077	2.790	-112.906	-0.904	1.089	0.158	-0.025	-0.010	0.015	0.399	0.405	0.156	0.011	0.012	0.004
0029	19155544100157	435481.603	9214598.630	2386.945	1.128	2.804	-112.915	-0.530	-0.222	-0.050	0.019	0.001	0.006	0.407	0.409	0.150	0.011	0.013	0.004
0029	19155544100158	435865.328	9214436.052	2388.303	1.105	2.783	-112.919	-1.326	0.690	0.149	-0.005	-0.018	-0.001	0.423	0.412	0.149	0.011	0.013	0.004
0029	19155544100159	436250.751	9214276.509	2387.863	1.113	2.799	-112.921	-0.652	0.537	0.218	-0.011	0.004	-0.001	0.435	0.439	0.147	0.012	0.014	0.004
0029	19155544100160	436632.823	9214115.707	2386.922	1.112	2.804	-112.916	-0.421	0.035	0.048	0.008	0.012	0.001	0.407	0.418	0.138	0.011	0.013	0.004
0029	19155544100161	437013.780	9213952.606	2386.411	1.115	2.806	-112.921	-0.403	0.064	0.067	0.011	0.016	-0.009	0.408	0.419	0.141	0.012	0.013	0.004
0029	19155544100162	437396.668	9213787.973	2388.544	1.110	2.795	-112.911	-0.636	0.221	0.089	0.000	0.011	-0.010	0.436	0.415	0.143	0.012	0.013	0.004
0029	19155544100163	437780.848	9213631.228	2391.097	1.122	2.805	-112.921	-0.305	0.256	0.053	0.007	0.016	-0.010	0.437	0.416	0.164	0.012	0.013	0.004
0029	19155544100164	438161.229	9213471.404	2390.396	1.098	2.769	-112.896	-1.594	1.051	0.272	-0.011	-0.022	0.003	0.561	0.461	0.224	0.017	0.014	0.006