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MPEC 2014-G13 : DAILY ORBIT UPDATE (2014 APR. 4 UT)

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M.P.E.C. 2014-G13

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DAILY ORBIT UPDATE (2014 APR. 4 UT)

Update to [MPEC 2014-G09](#)

Full-precision elements for the objects listed here are available at <http://www.minorplanetcenter.net/iau/MPCORB.html>

New identification:

K03UJ4M	K14F54F	MPCW
K05SF5D	K14G00G	MPCW
K05SH5L	K14G00J	MPCW
K07H20V	K14F53V	MPCW
K07VT1X	K14G01C	MPCW
K11U40P	K14G00Q	MPCW

New multiple-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Opp	C
J96T27W	17.3	0.15	K145N	262.066	167.360	160.297	6.360	0.19488	2.43726	7	X
J98E08G	16.5	0.15	K145N	2.648	228.543	346.503	5.642	0.22542	3.01674	5	X
J99S10H	22.5	0.15	K145N	316.342	118.946	178.587	9.588	0.13077	1.09821	2	X
J99Y02U	17.6	0.15	K145N	79.593	36.004	94.901	6.919	0.11015	2.24722	7	X
K00CC3E	16.3	0.15	K145N	25.815	50.802	127.498	9.378	0.24523	2.74831	4	X

K00SM8S	17.3	0.15	K145N	269.294	316.933	18.428	4.218	0.27900	2.39457	4	X
K01D62Z	17.0	0.15	K145N	59.201	172.278	326.136	2.809	0.20559	2.60911	5	X
K01K00Q	16.5	0.15	K145N	319.449	232.060	60.884	7.956	0.29411	2.67009	6	X
K01QB6D	16.7	0.15	K145N	234.542	139.247	211.378	5.636	0.13283	2.29646	6	X
K01SI6B	17.9	0.15	K145N	276.760	139.861	169.617	7.247	0.13329	2.27815	5	X
K01SW1C	18.0	0.15	K145N	264.088	330.928	6.960	2.403	0.25389	2.28188	6	X
K01TN1C	17.3	0.15	K145N	287.674	173.498	135.429	7.694	0.28743	2.26610	6	X
K01U05E	18.6	0.15	K145N	307.491	283.368	40.918	7.551	0.51476	2.21569	3	X
K02B15C	15.5	0.15	K145N	35.681	52.424	107.179	29.028	0.24633	3.21485	4	X
K02GE9L	17.4	0.15	K145N	52.506	144.358	15.007	13.598	0.08682	2.50530	5	X
K02N81B	17.2	0.15	K145N	275.668	188.276	121.451	5.687	0.19858	2.63223	4	X
K02O13S	17.1	0.15	K145N	313.195	128.338	149.966	17.263	0.21145	2.60039	4	X
K02P20M	17.3	0.15	K145N	291.390	35.730	277.287	2.006	0.21958	2.60078	7	X
K02PJ4S	17.3	0.15	K145N	180.565	247.863	140.814	3.423	0.08948	2.67987	5	X
K02QB7N	17.0	0.15	K145N	170.537	190.635	211.623	4.776	0.06708	2.68614	5	X
K02RS2F	16.8	0.15	K145N	331.858	239.147	353.055	12.571	0.12577	2.68908	5	X
K02S72N	18.2	0.15	K145N	344.991	304.338	298.836	1.324	0.12013	2.15181	7	X
K02T60J	17.4	0.15	K145N	91.970	262.146	209.089	21.522	0.10572	1.88201	4	X
K02TZ9X	17.2	0.15	K145N	327.972	245.799	17.379	10.880	0.15247	2.66722	3	X
K03A09H	16.8	0.15	K145N	68.815	7.712	104.837	26.416	0.28455	2.33518	3	X
K03D24R	17.2	0.15	K145N	21.616	205.180	346.368	6.986	0.06206	2.34335	5	X
K03F24U	16.0	0.15	K145N	351.494	79.835	155.549	5.744	0.22093	3.04287	5	X
K03F55K	17.7	0.15	K145N	356.937	26.836	186.825	6.165	0.18227	2.36495	6	X
K03F67O	17.0	0.15	K145N	352.365	219.013	34.821	7.892	0.16969	2.34214	6	X
K03J10Y	17.7	0.15	K145N	175.929	202.360	220.477	20.566	0.11084	1.95086	5	X
K03M01R	15.8	0.15	K145N	333.225	121.964	152.472	21.456	0.32064	3.16895	6	X
K03UJ4M	16.0	0.15	K145N	136.046	26.914	35.460	15.148	0.08392	2.63852	5	X
K04BF9X	16.8	0.15	K145N	63.098	152.637	159.770	4.091	0.14700	2.53068	8	X
K04CD0J	16.7	0.15	K145N	58.033	44.980	75.361	13.994	0.26519	2.86800	4	X
K04G72S	18.1	0.15	K145N	352.495	59.554	168.902	6.103	0.16842	2.23547	5	X
K04H29P	16.4	0.15	K145N	334.744	34.477	226.657	10.110	0.31200	2.91388	4	X
K04J42S	17.6	0.15	K145N	319.111	166.355	97.264	3.254	0.15943	2.26159	6	X
K04L02E	18.1	0.15	K145N	304.825	252.040	55.456	6.496	0.39518	2.28066	4	X
K04PA0J	15.8	0.15	K145N	325.933	125.473	154.767	23.970	0.25495	3.09018	4	X
K04R71P	18.0	0.15	K145N	282.792	211.342	103.397	3.335	0.23154	2.33586	6	X
K04S60Y	17.8	0.15	K145N	252.871	268.990	46.115	4.522	0.11183	2.42460	7	X
K04W08R	16.9	0.15	K145N	177.070	335.860	56.214	22.931	0.09593	1.97759	4	X
K04X26C	16.7	0.15	K145N	136.566	88.739	341.717	4.292	0.17256	2.54627	6	X
K04XB0S	17.2	0.15	K145N	99.890	82.327	8.116	4.626	0.21855	2.55238	5	X
K04XD5P	17.0	0.15	K145N	149.701	43.825	12.717	3.653	0.18479	2.52052	7	X
K04Y06G	17.0	0.15	K145N	101.625	165.108	281.949	3.997	0.28221	2.58944	4	X
K05EK5F	16.3	0.15	K145N	68.783	99.041	50.197	3.758	0.05149	2.70263	7	X
K05EO3Y	16.4	0.15	K145N	13.918	191.325	5.536	14.067	0.19517	2.67965	4	X
K05GL8E	16.9	0.15	K145N	13.261	50.434	179.579	4.967	0.15307	2.63126	7	X
K05GC8P	18.4	0.15	K145N	353.406	116.438	166.867	5.293	0.57570	2.70406	2	X
K05GD7M	16.9	0.15	K145N	103.412	70.550	31.895	12.241	0.16119	2.69797	5	X
K05JF6U	16.4	0.15	K145N	318.039	198.003	78.396	17.525	0.16778	2.76310	5	X
K05L33U	16.5	0.15	K145N	296.477	79.663	208.515	3.398	0.07574	2.76986	6	X
K05S06U	17.3	0.15	K145N	291.928	311.926	350.463	2.495	0.13336	2.20938	6	X
K05S45P	16.4	0.15	K145N	271.577	307.566	9.792	10.753	0.09840	3.06693	5	X
K05S67U	18.1	0.15	K145N	234.108	355.961	4.124	6.129	0.17526	2.20726	5	X
K05SB5J	17.9	0.15	K145N	309.558	289.203	7.364	6.106	0.21106	2.16598	4	X
K05SD2O	16.0	0.15	K145N	217.450	152.999	209.671	26.989	0.11604	3.14931	4	X
K05SF5D	16.3	0.15	K145N	295.174	72.046	191.663	9.700	0.01760	3.17672	6	X
K05SH5L	16.5	0.15	K145N	220.196	348.789	356.556	12.046	0.15783	3.14012	2	X
K05SP6L	16.1	0.15	K145N	270.550	305.466	17.698	10.545	0.11721	2.99534	6	X
K05T01Y	17.3	0.15	K145N	332.593	261.589	356.490	4.909	0.12425	2.19436	6	X
K05T10Q	15.2	0.15	K145N	199.526	352.529	27.710	28.292	0.13868	3.12730	4	X
K05T66E	17.4	0.15	K145N	243.445	298.780	40.034	8.655	0.23086	2.21798	3	X
K05T85V	18.0	0.15	K145N	322.658	280.811	353.022	3.817	0.14879	2.19265	5	X
K05TE1F	17.7	0.15	K145N	354.728	99.927	127.360	3.300	0.07725	2.24199	4	X
K05TE7C	15.4	0.15	K145N	1.892	179.184	36.048	18.107	0.13265	3.13458	6	X
K05TG7E	15.8	0.15	K145N	320.882	37.571	217.701	8.608	0.03699	3.17548	6	X
K05U52M	15.5	0.15	K145N	237.374	311.620	32.096	26.106	0.17461	3.14867	5	X
K05U85N	16.1	0.15	K145N	247.169	290.181	44.695	12.551	0.15120	3.12059	4	X
K05UD4Z	16.5	0.15	K145N	114.207	89.917	4.069	9.026	0.04409	3.15221	5	X
K05UK4O	17.8	0.15	K145N	290.103	88.524	218.375	6.306	0.17354	2.22249	3	X
K05UN0D	16.4	0.15	K145N	137.860	230.705	211.361	9.873	0.03854	3.23352	5	X
K05UO8E	15.8	0.15	K145N	226.596	311.805	53.180	10.657	0.07982	3.15343	6	X
K05UU0K	15.4	0.15	K145N	318.602	191.161	72.661	20.640	0.08283	3.21039	6	X
K05UZ8E	16.6	0.15	K145N	266.615	68.124	251.214	2.095	0.10381	3.08767	7	X
K05Ua7F	17.5	0.15	K145N	350.605	152.421	73.128	8.485	0.10554	2.28580	5	X

K05V31K	17.0	0.15	K145N	305.366	207.544	62.412	6.928	0.08798	2.30062	5	X
K05V33L	15.8	0.15	K145N	255.123	160.183	190.562	17.653	0.16552	3.06512	5	X
K05VA2M	15.8	0.15	K145N	297.229	247.972	30.424	10.068	0.15621	3.13445	6	X
K05W35N	17.7	0.15	K145N	236.281	276.622	67.680	6.205	0.23044	2.26521	5	X
K05WD9X	17.3	0.15	K145N	357.784	289.118	293.943	1.685	0.15925	2.34013	7	X
K05WH2Y	18.2	0.15	K145N	63.165	44.570	86.088	3.700	0.16322	2.38228	5	X
K05YB2D	17.8	0.15	K145N	27.588	67.542	106.934	2.542	0.13222	2.41850	5	X
K05YD7Z	17.2	0.15	K145N	255.006	229.158	91.636	8.368	0.14208	2.34855	6	X
K06A69L	17.0	0.15	K145N	59.948	34.790	107.910	6.525	0.23442	2.41126	4	X
K06B28U	18.1	0.15	K145N	61.937	204.172	296.903	2.907	0.16971	2.43525	4	X
K06BB4Z	18.2	0.15	K145N	358.981	69.489	176.791	2.749	0.16361	2.40337	5	X
K06G13Z	17.5	0.15	K145N	340.586	202.091	34.236	13.063	0.08151	2.52339	5	X
K06H25A	17.7	0.15	K145N	95.342	64.098	49.717	20.968	0.09862	1.93993	4	X
K06H28H	17.1	0.15	K145N	316.182	107.814	155.710	14.707	0.09532	2.58422	3	X
K06H28J	16.8	0.15	K145N	22.340	27.274	150.978	14.433	0.07345	2.60556	3	X
K06H48D	17.8	0.15	K145N	317.598	95.560	170.827	6.435	0.12797	2.54036	5	X
K06H51Y	17.2	0.15	K145N	316.992	340.519	42.407	30.516	0.96885	2.59951	4	X
K06H89N	16.1	0.15	K145N	0.882	163.915	60.127	13.384	0.20787	2.54712	6	X
K06K69Q	17.7	0.15	K145N	295.584	133.939	145.942	4.903	0.04530	2.57983	5	X
K06Q41X	17.2	0.15	K145N	333.852	194.710	87.253	7.992	0.13064	2.62392	5	X
K06Q96X	16.5	0.15	K145N	291.978	150.217	155.616	14.113	0.19913	2.72084	5	X
K06R33P	16.4	0.15	K145N	263.285	290.908	43.782	10.281	0.31166	2.72888	5	X
K06S95Q	16.5	0.15	K145N	296.610	284.357	22.633	13.550	0.23286	2.74365	5	X
K06S96S	16.5	0.15	K145N	290.188	257.406	28.351	15.148	0.14176	2.86341	4	X
K06SH1R	17.2	0.15	K145N	288.894	330.318	325.550	1.814	0.05007	2.81029	6	X
K06SP0Y	17.1	0.15	K145N	219.910	153.965	208.044	1.440	0.08247	2.85959	6	X
K06T69T	16.2	0.15	K145N	273.079	271.866	30.761	15.886	0.13870	2.85054	4	X
K06TC5Y	16.2	0.15	K145N	32.512	122.714	41.323	10.374	0.05614	3.08768	4	X
K06U08B	16.9	0.15	K145N	321.260	266.306	41.172	13.009	0.27220	2.66377	3	X
K06U36V	16.3	0.15	K145N	16.997	144.183	35.015	10.862	0.03659	3.05140	2	X
K06V41B	16.9	0.15	K145N	58.542	334.979	171.137	0.969	0.11952	3.10151	5	X
K07C28R	18.0	0.15	K145N	323.332	336.811	294.027	2.166	0.13931	2.17408	6	X
K07D22G	17.6	0.15	K145N	52.009	175.182	341.831	3.259	0.12881	2.25364	4	X
K07D33H	18.0	0.15	K145N	49.659	144.647	16.662	2.776	0.09380	2.26142	6	X
K07D36U	17.8	0.15	K145N	345.248	238.220	7.075	3.042	0.14990	2.26737	6	X
K07E03U	18.1	0.15	K145N	320.368	98.127	174.044	6.114	0.19220	2.27978	4	X
K07E45S	18.7	0.15	K145N	43.230	349.941	182.192	3.846	0.14859	2.28249	4	X
K07E70L	17.8	0.15	K145N	322.964	208.082	72.758	2.713	0.17801	2.26136	6	X
K07E92K	17.7	0.15	K145N	224.649	357.984	7.508	4.231	0.15097	2.18468	7	X
K07EB1K	17.8	0.15	K145N	82.977	23.275	102.973	2.520	0.15957	2.27286	6	X
K07EB8E	18.0	0.15	K145N	319.076	155.329	122.462	3.114	0.22463	2.30943	6	X
K07EJ2T	18.5	0.15	K145N	313.328	129.933	134.528	1.895	0.15900	2.30637	3	X
K07G17S	17.9	0.15	K145N	337.607	242.810	356.318	4.499	0.11584	2.32995	5	X
K07G47Z	17.5	0.15	K145N	353.798	171.045	57.038	6.714	0.14465	2.32855	5	X
K07H20V	17.3	0.15	K145N	188.401	338.413	34.074	6.803	0.11834	2.37165	4	X
K07H26F	18.8	0.15	K145N	322.084	79.208	197.936	1.940	0.20189	2.31189	4	X
K07H50C	17.3	0.15	K145N	28.893	120.633	89.334	5.190	0.11628	2.28160	6	X
K07J11Q	16.9	0.15	K145N	111.148	39.784	85.146	22.711	0.12089	2.37003	4	X
K07L03G	17.0	0.15	K145N	335.581	185.263	41.273	8.216	0.18404	2.32007	5	X
K07M05K	18.5	0.15	K145N	331.224	142.194	112.348	3.359	0.16150	2.40177	5	X
K07O10V	17.5	0.15	K145N	332.790	319.504	309.813	4.083	0.20793	2.40260	5	X
K07RD5T	16.6	0.15	K145N	351.029	207.671	2.348	10.879	0.09093	2.65223	4	X
K07RK8M	17.5	0.15	K145N	280.276	266.515	61.710	2.531	0.19803	2.47214	5	X
K07RS8Y	17.5	0.15	K145N	255.414	314.135	24.517	9.264	0.17691	2.57108	5	X
K07T18V	23.7	0.15	K145N	344.931	289.219	353.280	0.934	0.34813	1.23764	2	X
K07T23T	17.0	0.15	K145N	331.384	90.544	212.410	6.463	0.35220	2.38870	6	X
K07T46G	17.9	0.15	K145N	229.548	342.811	38.097	22.256	0.13497	1.85998	4	X
K07TA6Q	16.9	0.15	K145N	110.423	63.299	13.110	5.065	0.08246	2.74916	3	X
K07TC9H	16.9	0.15	K145N	302.916	264.347	38.098	16.142	0.17296	2.54718	4	X
K07TP4L	16.5	0.15	K145N	356.048	111.314	94.979	4.381	0.02672	2.73964	6	X
K07TP9V	17.3	0.15	K145N	301.833	75.869	212.313	3.853	0.06183	2.57355	4	X
K07TU9V	16.3	0.15	K145N	123.856	64.794	359.918	13.444	0.04265	2.65395	3	X
K07TX4H	17.2	0.15	K145N	284.665	316.216	358.635	3.052	0.16342	2.57629	4	X
K07Tc1A	16.3	0.15	K145N	280.736	250.844	42.281	15.086	0.01970	2.67698	5	X
K07UA3U	16.1	0.15	K145N	328.839	147.507	86.225	4.860	0.04014	2.81188	4	X
K07UC9E	16.6	0.15	K145N	100.345	209.556	261.158	3.969	0.05958	2.77828	6	X
K07V53J	17.0	0.15	K145N	140.310	338.018	87.680	5.391	0.04828	2.77178	6	X
K07V86Q	16.1	0.15	K145N	158.642	210.790	235.261	21.193	0.03950	2.60555	5	X
K07VA1Z	16.9	0.15	K145N	218.340	282.986	75.615	23.355	0.09653	1.94739	5	X
K07VF5D	17.0	0.15	K145N	8.494	222.264	345.928	4.445	0.04819	2.73438	5	X
K07VH5J	17.1	0.15	K145N	338.919	168.977	70.595	5.638	0.10634	2.67815	4	X
K07VI4S	18.2	0.15	K145N	274.157	276.838	49.947	20.353	0.11347	1.85439	4	X

K07VK8V	17.6	0.15	K145N	82.241	60.178	65.355	23.296	0.07148	1.93744	5	X
K07VQ7F	17.4	0.15	K145N	260.389	123.689	210.672	20.640	0.12579	1.88114	4	X
K07VT1X	17.6	0.15	K145N	5.727	152.062	68.199	24.843	0.06230	1.92718	3	X
K08C01C	16.4	0.15	K145N	335.256	190.581	40.260	10.580	0.06428	3.05480	6	X
K08C20M	21.4	0.15	K145N	46.322	226.525	306.972	21.073	0.22312	1.30639	3	X
K08C68N	15.5	0.15	K145N	22.948	59.150	130.821	17.954	0.19550	3.12751	4	X
K08CJ9P	16.1	0.15	K145N	296.235	312.017	336.912	1.738	0.11768	3.16205	7	X
K08CL0O	16.2	0.15	K145N	64.297	318.260	161.963	11.702	0.13458	3.14450	6	X
K08D23L	16.2	0.15	K145N	322.747	91.633	161.627	15.121	0.01397	3.08577	4	X
K08D34D	15.9	0.15	K145N	346.301	63.397	166.239	27.577	0.15938	3.13461	3	X
K08E04U	15.7	0.15	K145N	103.991	54.813	43.612	9.623	0.06509	3.15972	5	X
K08E83K	15.8	0.15	K145N	13.245	0.806	181.603	22.677	0.16308	3.20976	5	X
K08EA6S	16.3	0.15	K145N	45.288	141.714	20.200	16.557	0.14380	3.18503	3	X
K08ED1Z	15.7	0.15	K145N	246.050	318.128	17.671	15.743	0.07227	3.17036	4	X
K08EF6G	16.3	0.15	K145N	328.047	81.012	162.350	10.160	0.12539	3.16303	6	X
K08EG8O	16.2	0.15	K145N	24.372	358.646	202.488	22.709	0.13639	3.17663	6	X
K08EG8Y	15.9	0.15	K145N	358.916	93.745	128.236	15.071	0.14115	3.19052	5	X
K08F25J	16.9	0.15	K145N	345.234	190.803	57.321	2.633	0.17176	3.11731	4	X
K08H40E	16.4	0.15	K145N	342.922	41.560	204.689	5.052	0.13009	3.20710	5	X
K08Q06T	18.7	0.15	K145N	311.654	327.144	330.428	3.049	0.25037	2.16713	3	X
K08R14D	13.8	0.15	K145N	177.166	7.129	345.938	20.700	0.02790	5.29549	5	X
K08R96F	18.2	0.15	K145N	277.978	341.245	347.093	3.974	0.23039	2.20039	4	X
K08RA7D	17.1	0.15	K145N	287.200	256.188	53.795	6.951	0.20917	2.23087	4	X
K08RC5P	13.6	0.15	K145N	59.331	122.325	346.244	17.196	0.06154	5.31194	5	X
K08S04B	18.2	0.15	K145N	302.884	256.928	53.438	3.038	0.24741	2.18769	4	X
K08SH9E	18.3	0.15	K145N	324.824	71.128	203.818	1.514	0.16415	2.22029	6	X
K08SL5S	17.4	0.15	K145N	3.087	205.022	10.536	6.361	0.08913	2.31240	7	X
K08SS5H	17.6	0.15	K145N	60.210	319.680	184.332	10.704	0.08757	2.39390	5	X
K08T22K	17.6	0.15	K145N	239.294	286.143	49.780	7.759	0.13432	2.36747	4	X
K08T25P	17.8	0.15	K145N	352.174	212.794	15.507	5.505	0.08496	2.32145	6	X
K08TD4K	18.7	0.15	K145N	272.638	325.064	2.639	6.153	0.21892	2.26363	3	X
K08TD9T	17.4	0.15	K145N	42.891	159.419	13.091	6.407	0.05901	2.40442	6	X
K08T10T	17.8	0.15	K145N	250.580	170.010	164.760	7.080	0.15218	2.30882	4	X
K08U92K	16.4	0.15	K145N	88.012	32.718	65.140	13.305	0.22742	2.54546	6	X
K08UB2C	17.2	0.15	K145N	338.979	341.785	254.148	6.044	0.07467	2.40140	5	X
K08UH6B	17.9	0.15	K145N	286.882	27.570	281.771	1.746	0.15094	2.29294	6	X
K08UX0L	17.7	0.15	K145N	38.643	317.138	218.271	2.867	0.06345	2.43975	7	X
K08V72Q	17.3	0.15	K145N	98.079	1.140	83.644	4.522	0.17064	2.67569	4	X
K08W78U	16.8	0.15	K145N	343.762	158.586	84.290	9.886	0.01582	2.42978	5	X
K08W91N	16.2	0.15	K145N	19.580	77.220	118.762	17.138	0.13291	2.70222	5	X
K08YB6S	17.2	0.15	K145N	248.780	41.946	304.474	1.708	0.19967	2.44802	4	X
K08YC2U	17.7	0.15	K145N	213.352	213.193	147.394	4.216	0.07518	2.56092	5	X
K08YG9G	17.1	0.15	K145N	112.373	48.144	52.079	3.831	0.09887	2.68660	7	X
K09A25X	17.3	0.15	K145N	300.119	144.768	127.611	3.600	0.00389	2.61815	7	X
K09B08S	16.9	0.15	K145N	79.600	346.220	126.016	5.093	0.17091	2.69617	4	X
K09B26H	17.5	0.15	K145N	0.101	184.761	57.624	3.302	0.23879	2.61592	5	X
K09B41J	16.1	0.15	K145N	40.842	38.456	118.153	7.418	0.06447	2.76974	4	X
K09BB0F	16.6	0.15	K145N	336.167	249.181	356.469	7.421	0.15906	2.78520	6	X
K09BC1K	17.6	0.15	K145N	11.749	317.318	230.106	1.060	0.08069	2.79054	4	X
K09BH5N	16.7	0.15	K145N	20.385	110.616	76.251	13.075	0.20371	2.79619	3	X
K09C31R	17.0	0.15	K145N	283.961	133.535	148.441	6.839	0.04101	2.79349	5	X
K09C34U	17.2	0.15	K145N	358.689	125.109	81.850	5.236	0.15223	2.76045	3	X
K09D19K	17.0	0.15	K145N	90.913	98.358	6.332	3.957	0.16259	2.78450	4	X
K09D32C	16.8	0.15	K145N	338.790	161.206	86.010	2.573	0.02473	2.78322	6	X
K09D96G	17.4	0.15	K145N	27.607	222.677	304.053	2.204	0.13638	2.79032	3	X
K09DA2G	16.2	0.15	K145N	0.492	59.470	149.309	15.442	0.08746	2.85972	4	X
K09DB7K	16.8	0.15	K145N	289.957	294.850	359.313	6.006	0.05091	2.75153	6	X
K09DC6Z	16.6	0.15	K145N	85.149	196.099	287.708	2.602	0.04785	2.81240	5	X
K09DD0A	16.5	0.15	K145N	43.914	353.160	184.932	4.424	0.04424	2.80408	6	X
K09DD8Q	16.9	0.15	K145N	318.185	187.297	71.410	5.778	0.14428	2.83842	5	X
K09E00H	15.9	0.15	K145N	33.541	52.223	56.077	14.061	0.38796	3.01332	3	X
K09E04A	16.7	0.15	K145N	37.497	63.705	111.829	8.007	0.20586	2.79721	6	X
K09E10X	17.1	0.15	K145N	331.768	136.566	116.471	4.794	0.16123	2.77692	4	X
K09F19G	18.0	0.15	K145N	342.905	120.421	187.585	54.497	0.72000	2.91117	3	X
K09F27Z	16.2	0.15	K145N	0.109	144.272	77.847	9.437	0.24140	2.83668	5	X
K09F50N	16.2	0.15	K145N	125.242	350.766	75.726	5.873	0.09643	2.92153	3	X
K09H21Z	18.4	0.15	K145N	167.453	218.094	191.384	22.219	0.02664	1.83392	3	X
K09H39B	16.4	0.15	K145N	308.120	97.567	162.448	10.338	0.06172	3.06598	6	X
K09R61D	17.5	0.15	K145N	237.406	132.872	208.498	21.826	0.09001	2.01865	3	X
K09T31R	15.0	0.15	K145N	331.802	98.052	240.688	20.508	0.28095	3.10900	5	X
K09W73O	18.4	0.15	K145N	113.156	103.292	351.334	3.494	0.11431	2.18447	5	X
K10A38W	17.4	0.15	K145N	66.494	184.552	324.367	4.460	0.09825	2.33555	4	X

K10A54P	17.7	0.15	K145N	20.874	79.726	115.139	9.339	0.14293	2.37116	6	X
K10AB0B	16.7	0.15	K145N	210.409	239.472	137.350	10.015	0.06432	2.43832	5	X
K10B04B	17.1	0.15	K145N	349.986	104.093	116.780	7.877	0.06499	2.35495	6	X
K10C02A	18.0	0.15	K145N	85.956	312.920	149.212	3.738	0.21077	2.37210	5	X
K10C17J	16.7	0.15	K145N	349.912	112.945	112.108	12.573	0.15399	2.60964	6	X
K10CI5D	17.3	0.15	K145N	40.898	88.299	66.546	4.609	0.16359	2.44878	6	X
K10E77B	17.5	0.15	K145N	350.241	88.089	171.965	2.599	0.17619	2.41163	7	X
K10EA5T	17.8	0.15	K145N	355.681	94.393	137.705	3.521	0.24757	2.44393	5	X
K10F99M	17.9	0.15	K145N	342.015	263.364	9.080	1.357	0.17655	2.35749	5	X
K10G32N	17.1	0.15	K145N	5.024	111.412	95.942	7.482	0.15773	2.54839	6	X
K10GE0A	16.9	0.15	K145N	309.058	199.625	73.424	4.753	0.04206	2.52966	6	X
K10HA3V	18.1	0.15	K145N	315.747	227.561	40.834	9.688	0.14069	2.56678	5	X
K10HA4C	17.0	0.15	K145N	346.302	160.410	66.630	5.744	0.15493	2.59412	8	X
K10J03E	17.1	0.15	K145N	348.383	149.136	86.899	10.218	0.13144	2.52515	5	X
K10J34B	16.7	0.15	K145N	13.738	103.031	88.721	13.114	0.22772	2.58387	3	X
K10J73Z	18.0	0.15	K145N	311.845	220.905	57.169	4.356	0.18331	2.59459	4	X
K10JF4E	17.2	0.15	K145N	44.041	101.147	44.923	13.819	0.19984	2.60078	4	X
K10K32J	17.6	0.15	K145N	45.178	299.499	218.241	4.197	0.16545	2.40832	5	X
K10K46G	16.6	0.15	K145N	242.611	214.879	120.156	4.225	0.07229	3.09996	7	X
K10L14J	17.8	0.15	K145N	73.442	295.217	177.474	12.028	0.34181	1.62580	3	X
K10L15E	19.5	0.15	K145N	141.463	328.600	134.304	13.259	0.27312	0.86489	4	X
K10N23T	15.7	0.15	K145N	320.333	71.184	187.113	18.154	0.20353	3.16627	3	X
K10OB0M	15.4	0.15	K145N	266.726	275.445	67.832	17.247	0.22452	3.12383	7	X
K10R39H	15.9	0.15	K145N	328.039	71.358	181.192	16.474	0.20740	3.10920	4	X
K10RA1E	15.9	0.15	K145N	332.843	252.297	2.852	15.805	0.20782	3.14047	6	X
K10RC8K	15.6	0.15	K145N	267.106	113.756	213.579	11.222	0.09473	3.17423	6	X
K10U83W	13.0	0.15	K145N	85.806	175.971	264.444	14.427	0.10928	5.25932	4	X
K11C05T	18.1	0.15	K145N	346.382	92.599	134.602	23.962	0.05797	1.96471	4	X
K11K18L	18.4	0.15	K145N	304.563	191.956	93.799	4.856	0.13769	2.19844	6	X
K11O24C	17.9	0.15	K145N	287.137	241.894	52.310	6.780	0.16084	2.36534	3	X
K11Q17S	16.9	0.15	K145N	182.135	40.458	350.813	3.315	0.18889	2.77326	4	X
K11Q55O	18.1	0.15	K145N	315.633	349.747	293.376	1.915	0.21056	2.36690	4	X
K11S32Y	17.5	0.15	K145N	284.464	158.808	170.189	2.725	0.24573	2.34911	6	X
K11S38E	16.5	0.15	K145N	251.931	296.725	31.353	14.290	0.23164	2.68803	4	X
K11S67F	16.1	0.15	K145N	240.607	345.415	14.049	14.878	0.20715	2.61837	5	X
K11S67W	17.5	0.15	K145N	297.613	75.335	234.972	3.815	0.25301	2.34941	5	X
K11S91W	16.9	0.15	K145N	241.258	15.842	329.933	2.402	0.08841	2.75988	7	X
K11SE1R	16.0	0.15	K145N	63.381	124.647	21.848	14.902	0.04740	2.97110	5	X
K11SH8L	16.6	0.15	K145N	274.529	84.081	220.945	8.803	0.02076	2.79333	4	X
K11SK7L	17.5	0.15	K145N	298.196	41.849	254.758	2.529	0.12504	2.41501	6	X
K11SL2S	17.4	0.15	K145N	296.209	263.798	50.076	5.417	0.20414	2.37329	4	X
K11SN4V	16.2	0.15	K145N	128.771	23.908	36.330	9.899	0.09141	3.16653	5	X
K11T08Y	16.1	0.15	K145N	91.643	228.138	251.842	4.466	0.08115	2.78550	6	X
K11U09F	15.6	0.15	K145N	58.001	307.096	225.364	20.350	0.11791	3.10227	7	X
K11U37B	15.5	0.15	K145N	322.705	37.359	219.861	11.407	0.04736	3.10778	8	X
K11U40P	17.0	0.15	K145N	195.792	4.926	0.237	2.529	0.01737	3.01769	5	X
K11U41O	16.8	0.15	K145N	242.413	315.978	22.335	5.937	0.05301	2.80421	4	X
K11UA0C	16.4	0.15	K145N	175.983	153.832	240.517	4.526	0.14223	3.13076	6	X
K11UC0H	16.2	0.15	K145N	209.319	323.005	40.717	10.942	0.10984	3.08533	6	X
K11UC2Y	16.4	0.15	K145N	145.227	208.487	210.835	8.414	0.17827	3.16166	6	X
K11UC3Y	17.1	0.15	K145N	244.107	327.265	12.320	3.495	0.10133	2.75923	6	X
K11UD6F	16.8	0.15	K145N	283.794	287.874	17.228	11.500	0.11147	2.80819	5	X
K11UD6T	16.5	0.15	K145N	256.927	273.099	40.617	10.902	0.12560	3.00904	7	X
K11UF6V	16.2	0.15	K145N	188.866	10.944	14.839	10.446	0.10103	3.08565	5	X
K11UF7U	17.2	0.15	K145N	165.868	173.063	231.500	3.561	0.06904	2.78653	6	X
K11UM6S	16.3	0.15	K145N	217.099	324.649	45.202	6.076	0.06560	2.77076	7	X
K11UN7P	16.3	0.15	K145N	114.741	63.816	39.088	9.842	0.04573	3.16733	5	X
K11UP5H	15.6	0.15	K145N	16.671	150.543	31.660	15.506	0.06138	3.17881	5	X
K11UT6K	16.8	0.15	K145N	263.805	271.878	46.888	8.658	0.19312	2.73919	4	X
K11UU2E	15.6	0.15	K145N	193.120	341.426	35.517	18.159	0.18054	3.06333	6	X
K11UW5M	17.6	0.15	K145N	286.109	293.808	15.908	9.796	0.17987	2.56572	3	X
K11UZ5R	16.7	0.15	K145N	268.230	253.900	57.160	6.975	0.09057	2.77622	5	X
K11W04L	16.0	0.15	K145N	222.596	126.889	231.941	9.875	0.03958	3.04807	6	X
K11W80E	16.4	0.15	K145N	241.928	252.170	78.573	5.151	0.06199	3.17411	5	X
K11W82R	15.9	0.15	K145N	242.324	264.235	68.096	20.027	0.08882	3.14459	3	X
K11WA3R	16.1	0.15	K145N	215.011	355.581	9.178	8.166	0.09203	3.02578	5	X
K11Y04Q	12.8	0.15	K145N	41.083	230.251	253.118	22.285	0.10183	5.22668	8	X
K12S31Q	17.8	0.15	K145N	162.365	316.890	78.024	3.855	0.14214	2.25960	7	X
K12T06D	17.2	0.15	K145N	125.052	50.035	4.413	12.586	0.15879	2.45398	4	X
K12T13T	16.7	0.15	K145N	111.395	227.278	205.444	32.106	0.29880	2.59665	4	X
K12T77T	16.7	0.15	K145N	50.794	296.176	183.418	26.266	0.29970	3.09022	2	X
K12T92X	17.3	0.15	K145N	139.597	354.782	52.757	6.147	0.22029	2.36320	6	X

K12T97A	16.8	0.15	K145N	31.716	147.831	15.344	5.283	0.16618	2.40837	7	X
K12TE2U	16.8	0.15	K145N	97.310	284.571	158.677	9.707	0.18209	2.57746	4	X
K12TF0F	17.8	0.15	K145N	69.087	135.819	357.717	2.676	0.11778	2.38267	6	X
K12TO0O	17.3	0.15	K145N	89.755	45.375	38.899	10.224	0.24554	2.71753	3	X
K12TP7V	17.3	0.15	K145N	123.326	347.859	75.011	5.339	0.16113	2.45013	4	X
K12U33C	17.7	0.15	K145N	99.095	4.130	100.557	3.576	0.00603	2.26142	6	X
K12U40Q	17.7	0.15	K145N	83.158	343.721	139.654	2.404	0.16776	2.37239	7	X
K12UD7R	17.6	0.15	K145N	246.900	316.200	47.148	21.921	0.06938	1.93880	5	X
K12V12X	17.8	0.15	K145N	357.906	31.347	178.937	3.064	0.10374	2.21171	6	X
K12V49P	18.0	0.15	K145N	78.535	67.043	50.420	6.826	0.08398	2.39702	3	X
K12V57T	17.1	0.15	K145N	11.003	149.812	51.018	6.740	0.05224	2.29311	4	X
K12V86X	16.5	0.15	K145N	34.141	123.793	41.386	14.847	0.13257	2.66092	4	X
K12V88Q	16.7	0.15	K145N	58.101	82.532	73.496	7.854	0.04982	2.35345	5	X
K12VA7S	17.4	0.15	K145N	57.880	164.257	341.765	1.327	0.13517	2.64946	6	X
K12VB1B	17.8	0.15	K145N	63.599	297.798	212.350	6.236	0.04873	2.33958	5	X
K12W07V	16.1	0.15	K145N	40.006	136.043	46.050	14.707	0.20922	2.53864	5	X
K12W09X	17.9	0.15	K145N	0.020	334.963	245.563	2.552	0.06341	2.23315	6	X
K12W19Z	16.2	0.15	K145N	9.680	138.211	59.207	33.788	0.18958	2.62134	3	X
K12XB9O	15.9	0.15	K145N	330.467	179.213	58.082	14.393	0.02029	2.67357	8	X
K12XC0L	15.9	0.15	K145N	99.460	10.860	92.950	12.186	0.06840	3.13853	7	X
K13A05D	16.7	0.15	K145N	353.163	138.567	80.780	14.980	0.09435	2.58890	5	X
K13A08M	15.4	0.15	K145N	252.812	196.099	127.182	17.922	0.06895	3.06598	7	X
K13A15R	16.1	0.15	K145N	279.645	62.574	240.372	5.905	0.02424	2.80104	4	X
K13A29U	17.2	0.15	K145N	234.052	312.342	39.542	8.457	0.03619	2.53249	5	X
K13A55F	16.4	0.15	K145N	316.438	187.734	89.062	13.143	0.12587	2.66278	6	X
K13A56S	16.8	0.15	K145N	177.549	39.614	353.744	2.974	0.13419	2.76842	6	X
K13A61J	15.7	0.15	K145N	337.415	148.978	79.242	10.934	0.04878	3.03683	6	X
K13A71V	17.1	0.15	K145N	78.762	269.291	217.151	10.108	0.08931	2.74213	6	X
K13A80X	17.5	0.15	K145N	259.578	250.368	80.414	0.691	0.04674	2.52865	9	X
K13A90S	16.2	0.15	K145N	305.598	197.698	88.322	10.609	0.13915	2.78692	8	X
K13A93F	16.4	0.15	K145N	106.134	63.870	42.266	4.841	0.10607	3.11168	5	X
K13A93Y	15.4	0.15	K145N	337.459	122.222	131.700	17.761	0.13604	3.07397	6	X
K13AB8E	15.5	0.15	K145N	355.472	116.215	106.689	16.446	0.02370	3.10343	4	X
K13AC8T	15.6	0.15	K145N	42.900	89.376	74.299	19.816	0.10752	3.23185	7	X
K13AH3R	16.9	0.15	K145N	331.948	73.974	170.225	10.255	0.08884	3.10703	5	X
K13B28C	15.5	0.15	K145N	338.777	165.560	82.159	13.700	0.10661	3.08972	9	X
K13B47L	16.2	0.15	K145N	271.657	204.260	93.072	4.900	0.08132	3.08761	6	X
K13B48R	16.4	0.15	K145N	233.554	227.608	115.060	5.374	0.07772	2.79758	5	X
K13C09U	16.2	0.15	K145N	322.596	145.490	122.041	8.002	0.08042	2.68997	6	X
K13CA1R	14.4	0.15	K145N	341.101	311.359	288.318	1.780	0.15165	3.95917	8	X
K13CB3Z	17.2	0.15	K145N	356.851	94.352	136.389	2.081	0.02973	2.73031	8	X
K13CC6K	15.6	0.15	K145N	312.265	125.082	139.644	10.326	0.04249	3.17185	6	X
K13CK5O	16.0	0.15	K145N	312.288	163.634	122.667	6.323	0.11653	3.18300	5	X
K13F27Z	4.4	0.15	K145N	277.754	341.172	284.919	14.012	0.21291	48.29109	2	W
K13G24O	15.2	0.15	K145N	29.381	112.277	136.557	21.224	0.10331	3.16412	5	X
K13N00J	21.9	0.15	K145N	145.319	140.244	238.649	3.939	0.28370	1.28630	2	X
K13N23Z	18.4	0.15	K145N	62.961	240.118	165.701	32.135	0.58205	2.54139	2	X
K13U03R	17.0	0.15	K145N	28.508	11.566	52.741	24.951	0.60159	3.18330	3	X
K14D01T	16.1	0.15	K145N	325.156	258.877	326.128	10.439	0.14420	2.64747	8	W
K14D21M	17.6	0.15	K145N	58.896	319.049	182.977	24.003	0.11086	1.93121	3	X
K14D48F	17.7	0.15	K145N	337.986	245.415	347.207	0.896	0.14544	2.37451	5	X
K14D97J	17.6	0.15	K145N	358.912	162.991	46.826	5.770	0.17110	2.36542	7	X
K14E37U	17.5	0.15	K145N	354.135	193.984	17.210	1.246	0.13411	2.37730	9	X

New perturbed one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K11E29U	19.8	0.15	K145N	307.676	251.180	177.291	2.575	0.70015	2.50102	91	X
K13S00F	19.2	0.15	K145N	58.879	162.832	250.560	14.576	0.61788	2.26734	198	X
K13T00L	22.2	0.15	K145N	82.340	61.848	14.861	5.897	0.45991	1.67103	185	X
K13U05G	20.5	0.15	K145N	49.131	79.833	37.732	23.335	0.28834	1.55765	161	X
K13W44T	19.4	0.15	K145N	25.769	325.774	182.764	12.205	0.56836	2.25959	128	X
K14B08R	21.7	0.15	K145N	128.609	114.291	304.812	17.145	0.23908	1.21986	65	X
K14C00S	19.7	0.15	K145N	356.481	264.508	308.263	6.802	0.43707	2.29419	73	X
K14C02Z	20.7	0.15	K145N	0.235	111.525	123.899	13.755	0.63432	2.33717	58	X
K14C04Y	21.1	0.15	K145N	36.893	289.226	126.819	15.016	0.81948	2.65168	59	X
K14DB2D	23.7	0.15	K145N	104.634	302.778	157.649	5.836	0.16637	1.26430	37	X
K14E10G	17.3	0.15	K145N	53.661	323.113	173.498	20.969	0.16467	2.31954	110	X
K14E12Q	21.1	0.15	K145N	1.331	92.318	178.028	11.014	0.74380	2.63621	30	X
K14E45G	21.9	0.15	K145N	59.722	296.196	164.257	25.507	0.49853	1.60892	24	X
K14E48Z	18.8	0.15	K145N	354.010	82.064	178.821	25.513	0.56403	2.25576	23	X
K14E49R	18.3	0.15	K145N	352.782	160.080	100.301	13.673	0.64204	2.82291	27	X
K14F00F	24.2	0.15	K145N	14.441	22.682	179.368	9.876	0.50314	2.04953	15	X

K14F00H 23.4	0.15	K145N	45.445	237.918	174.071	12.018	0.85332	1.73935	14	X
K14F00P 22.1	0.15	K145N	336.910	85.794	172.810	14.544	0.19215	1.28217	15	X
K14F06X 24.8	0.15	K145N	45.032	319.976	157.616	0.953	0.51028	1.78875	13	X
K14F32V 22.6	0.15	K145N	337.613	167.653	120.927	5.593	0.42284	1.43806	10	X
K14F32X 25.0	0.15	K145N	42.532	320.669	172.333	3.777	0.48160	1.78256	10	X
K14F37R 22.8	0.15	K145N	110.561	81.295	10.414	6.086	0.27111	1.18575	8	X
K14F37S 24.4	0.15	K145N	21.299	6.794	184.055	5.759	0.42090	1.86257	7	X
K14F38L 23.7	0.15	K145N	37.233	346.616	182.089	5.090	0.31233	1.49513	7	X
K14F38O 26.3	0.15	K145N	230.041	14.431	10.435	9.714	0.40341	0.73904	4	W
K14F38P 24.7	0.15	K145N	49.854	163.659	6.463	20.364	0.17765	1.28416	7	X
K14F38T 20.6	0.15	K145N	31.232	56.208	16.851	16.482	0.83890	2.44748	7	X
K14F43Z 22.6	0.15	K145N	131.776	52.459	17.045	8.278	0.21285	1.15188	6	X
K14F44A 24.9	0.15	K145N	3.750	189.936	45.648	0.983	0.18925	1.29293	6	X
K14F47N 20.5	0.15	K145N	21.081	359.341	186.664	31.049	0.28278	1.75425	6	X
K14F47P 22.4	0.15	K145N	320.939	271.592	28.894	5.040	0.26018	1.16684	5	X
K14F52S 24.4	0.15	K145N	0.182	133.685	128.167	0.808	0.58565	2.00848	4	X
K14G00A 26.3	0.15	K145N	331.292	264.283	10.228	9.652	0.05899	1.02933	3	X
K14G01F 26.0	0.15	K145N	15.854	356.760	192.092	7.809	0.52888	2.23337	3	X
K14G01G 26.3	0.15	K145N	43.460	335.889	183.005	5.017	0.34504	1.48539	2	K

New one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K13Y64S	18.8	0.15	K142C	332.691	82.704	97.892	23.608	0.34619	2.22847	95	W
K14D23A	16.9	0.15	K1434	46.800	286.040	178.580	28.929	0.33160	2.62261	36	X
K14D47T	16.8	0.15	K1434	41.644	312.684	179.577	10.144	0.06121	2.77606	35	X
K14D49F	15.7	0.15	K1434	295.876	70.104	178.811	12.356	0.02397	3.06145	53	X
K14D68Z	16.3	0.15	K1434	95.295	66.790	9.789	22.074	0.05841	2.68006	35	X
K14D79L	16.2	0.15	K1434	341.114	186.699	18.548	18.065	0.13327	3.11075	36	X
K14DB3E	18.9	0.15	K1434	335.437	206.968	41.369	24.546	0.31903	2.14238	34	X
K14DB9N	14.3	0.15	K1434	52.388	122.437	346.619	9.584	0.05722	5.33344	34	W
K14E42V	17.7	0.15	K1434	25.626	9.568	130.479	4.215	0.23047	2.61647	26	X
K14F00J	17.4	0.15	K1430	20.561	79.674	84.682	24.330	0.06415	1.92238	16	X
K14F06V	18.9	0.15	K1434	15.993	71.766	70.400	10.354	0.23945	1.87096	20	W
K14F07J	20.3	0.15	K1430	354.614	155.191	41.918	4.740	0.24856	1.88102	10	W
K14F32Q	16.9	0.15	K1430	355.925	199.593	12.674	13.845	0.20232	2.69032	8	W
K14F35T	16.8	0.15	K1430	311.830	245.965	20.654	28.285	0.27063	2.60134	9	W
K14F42L	15.9	0.15	K1430	122.774	321.722	89.817	2.886	0.13766	2.90518	5	W
K14F49J	17.2	0.15	K1430	11.585	144.081	26.667	13.630	0.19597	2.63111	10	X
K14F52T	18.3	0.15	K1430	22.030	131.363	31.096	18.301	0.01407	1.82113	2	W
K14G00B	16.2	0.15	K1430	323.439	269.036	336.306	8.571	0.17111	3.05382	3	X
K14G01E	18.3	0.15	K1430	243.446	121.135	194.874	23.418	0.12996	1.95864	2	X

New observations:

J99S10H	KC2014	04	04.34101	15	08	31.26	+10	37	32.6	19.5	RoEG013291
J99S10H	KC2014	04	04.34207	15	08	31.41	+10	37	38.7	19.7	RoEG013291
J99S10H	KC2014	04	04.34313	15	08	31.54	+10	37	44.7	19.4	RoEG013291
K01U05E	HC2014	04	04.22742	13	25	40.72	-03	30	09.4		oEG013691
K01U05E	HC2014	04	04.24509	13	25	39.30	-03	30	03.6		oEG013691
K01U05E	HC2014	04	04.26276	13	25	38.00	-03	29	58.2		oEG013691
K05GC8P	C2014	04	04.45329	16	48	29.22	-13	26	06.7	20.2	VqEG013G96
K05GC8P	C2014	04	04.45795	16	48	30.00	-13	26	05.2	20.0	VqEG013G96
K05GC8P	C2014	04	04.46726	16	48	31.54	-13	26	01.7	20.1	VqEG013G96
K06H51Y	KC2014	04	04.31265	14	49	38.30	-09	48	32.5	21.6	RoEG013291
K06H51Y	KC2014	04	04.32205	14	49	37.70	-09	48	29.9	21.5	RoEG013291
K06H51Y	KC2014	04	04.33218	14	49	37.03	-09	48	26.8	21.6	RoEG013291
K07T18V	C2014	04	04.32187	12	19	39.75	-06	51	45.6	18.8	VqEG013G96
K07T18V	C2014	04	04.32985	12	19	37.47	-06	51	47.7	18.7	VqEG013G96
K07T18V	C2014	04	04.33785	12	19	35.21	-06	51	49.8	19.1	VqEG013G96
K07T18V	C2014	04	04.34585	12	19	33.00	-06	51	51.8	18.5	VqEG013G96
K08C20M	C2014	01	27.66597	08	27	05.00	+18	05	04.7	17.1	RoEG013300
K08C20M	C2014	01	27.66972	08	27	03.38	+18	04	13.4	16.8	RoEG013300
K08C20M	C2014	01	27.67097	08	27	02.85	+18	03	56.1	16.9	RoEG013300
K08C20M	C2014	01	27.67598	08	27	00.73	+18	02	46.2	16.8	RoEG013300
K09F19G	C2014	04	04.35775	12	46	39.36	+06	17	11.3	19.6	VqEG013G96
K09F19G	C2014	04	04.36231	12	46	38.90	+06	17	23.6	19.4	VqEG013G96
K09F19G	C2014	04	04.36687	12	46	38.43	+06	17	35.7	19.6	VqEG013G96
K09F19G	C2014	04	04.37145	12	46	37.95	+06	17	48.0	19.8	VqEG013G96
K10L14J	C2014	04	03.72572	14	32	48.51	+00	46	44.3	17.7	RqEG013D29
K10L14J	C2014	04	03.74362	14	32	47.15	+00	47	13.7	17.9	RqEG013D29
K10L14J	C2014	04	03.76151	14	32	45.77	+00	47	43.1	18.0	RqEG013D29
K10L15E	KC2014	04	04.46144	20	36	40.23	+11	27	37.7		oEG013291
K10L15E	KC2014	04	04.46788	20	36	40.51	+11	27	41.5	20.7	RoEG013291

K10L15E	KC2014	04	04.47433	20	36	40.80	+11	27	45.3	20.7	RoEG013291
K11E29U	2C2011	06	07.26720811	05	42.272+06	40	37.95			23.7	RtEG013568
K11E29U	2C2011	06	07.27123711	05	42.605+06	40	35.65			23.9	RtEG013568
K11E29U	2C2011	06	07.27526811	05	42.939+06	40	33.85			23.8	RtEG013568
K13N00J	C2013	12	06.69084	05	54	23.42	-04	41	47.4	17.8	RoEG013300
K13N00J	C2013	12	06.69244	05	54	23.26	-04	41	42.5	17.9	RoEG013300
K13N00J	C2013	12	06.69404	05	54	23.10	-04	41	37.0	17.8	RoEG013300
K13N23Z	KC2014	04	04.16843	10	06	56.55	+12	22	51.4	21.7	RoEG013291
K13N23Z	KC2014	04	04.17710	10	06	56.43	+12	22	56.9	21.9	RoEG013291
K13S00F	|C2014	04	02.99167	09	47	43.02	-13	16	08.9	22.1	VuEG013807
K13S00F	|C2014	04	03.00284	09	47	43.07	-13	15	58.8	22.4	VuEG013807
K13S00F	|C2014	04	03.01403	09	47	43.07	-13	15	48.8	21.9	VuEG013807
K13T00L	|C2014	04	04.34074	12	21	51.84	-01	13	03.5	23.2	RoEG013695
K13T00L	|C2014	04	04.35094	12	21	50.77	-01	13	01.7	23.1	RoEG013695
K13T00L	|C2014	04	04.36105	12	21	49.72	-01	13	00.1	23.0	RoEG013695
K13U03R	C2013	12	06.57906	01	09	09.94	+20	18	36.0	16.3	RoEG013300
K13U03R	C2013	12	06.58066	01	09	09.91	+20	18	42.1	16.2	RoEG013300
K13U03R	C2013	12	06.58226	01	09	09.86	+20	18	48.7	16.5	RoEG013300
K13U03R	C2013	12	06.58386	01	09	09.86	+20	18	55.3	16.7	RoEG013300
K13U03R	C2013	12	06.59026	01	09	09.72	+20	19	21.1	16.9	RoEG013300
K13U05G	KC2014	04	04.25052	07	06	09.39	+57	26	29.0		oEG013291
K13U05G	KC2014	04	04.26556	07	06	15.60	+57	26	00.3		oEG013291
K13W44T	C2014	04	03.86767	14	18	05.79	+14	08	18.9	15.4	RvEG013461
K13W44T	C2014	04	03.86861	14	18	05.92	+14	08	21.1	15.5	RvEG013461
K13W44T	C2014	04	03.86954	14	18	06.03	+14	08	23.3	15.4	RvEG013461
K13W44T	C2014	04	03.87046	14	18	06.16	+14	08	25.1	15.6	RvEG013461
K13W44T	C2014	04	03.87140	14	18	06.27	+14	08	27.0	15.4	RvEG013461
K13W44T	C2014	04	03.87233	14	18	06.39	+14	08	29.2	15.4	RvEG013461
K13W44T	C2014	04	03.87325	14	18	06.52	+14	08	31.3	15.5	RvEG013461
K13W44T	C2014	04	03.87419	14	18	06.63	+14	08	33.3	15.5	RvEG013461
K13W44T	C2014	04	03.87512	14	18	06.75	+14	08	35.2	15.4	RvEG013461
K13W44T	C2014	04	03.87604	14	18	06.86	+14	08	37.3	15.3	RvEG013461
K14B08R	C2014	01	27.65134	07	52	21.42	+11	48	05.4	17.4	RoEG013300
K14B08R	C2014	01	27.66135	07	52	18.88	+11	45	56.6	17.5	RoEG013300
K14B08R	C2014	01	27.66260	07	52	18.64	+11	45	39.7	17.4	RoEG013300
K14C00S	KC2014	04	04.22814	08	23	12.72	+10	42	16.7		oEG013291
K14C00S	KC2014	04	04.24176	08	23	13.45	+10	42	09.9		oEG013291
K14C02Z	KC2014	04	04.27349	07	06	00.05	+46	32	43.6	21.3	RoEG013291
K14C02Z	KC2014	04	04.27745	07	05	59.94	+46	32	48.0		oEG013291
K14C04Y	|C2014	04	04.37779	12	36	44.12	+24	44	10.9	22.2	RoEG013695
K14C04Y	|C2014	04	04.38788	12	36	42.90	+24	44	11.5	22.3	RoEG013695
K14C04Y	|C2014	04	04.39945	12	36	41.58	+24	44	12.3	22.3	RoEG013695
K14DB2D	KC2014	04	04.19837	11	59	03.52	+17	11	29.4	22.1	RoEG013291
K14DB2D	KC2014	04	04.20704	11	59	03.22	+17	11	34.2	21.9	RoEG013291
K14DB2D	KC2014	04	04.21572	11	59	02.92	+17	11	38.4	21.6	RoEG013291
K14E12Q	C2014	04	04.44535	19	14	10.75	+67	33	31.2	18.3	RoEG013926
K14E12Q	C2014	04	04.44606	19	14	15.92	+67	33	26.3	18.2	RoEG013926
K14E12Q	C2014	04	04.44678	19	14	21.37	+67	33	22.0	18.3	RoEG013926
K14E12Q	|C2014	04	04.45147	19	14	55.90	+67	32	50.3	18.4	RoEG013695
K14E12Q	|C2014	04	04.45251	19	15	03.48	+67	32	43.8	18.4	RoEG013695
K14E12Q	|C2014	04	04.45354	19	15	11.09	+67	32	37.0	18.3	RoEG013695
K14E12Q	|C2014	04	04.45458	19	15	18.68	+67	32	30.5	18.3	RoEG013695
K14E45G	|C2014	04	04.22775	12	54	03.31	+47	58	14.8	21.1	RoEG013695
K14E45G	|C2014	04	04.23772	12	54	02.91	+47	58	09.0	21.1	RoEG013695
K14E45G	|C2014	04	04.24740	12	54	02.52	+47	58	03.3	21.2	RoEG013695
K14E48Z	3C2014	04	03.93024	11	52	09.60	+19	41	03.5	17.9	VqEG013G40
K14E48Z	3C2014	04	03.94412	11	52	09.06	+19	42	17.6	17.7	VqEG013G40
K14E48Z	3C2014	04	03.96493	11	52	08.21	+19	44	08.5	17.6	VqEG013G40
K14E48Z	C2014	04	04.13829	11	52	03.87	+19	59	29.9	18.3	RoEG013G48
K14E48Z	C2014	04	04.13921	11	52	03.77	+19	59	32.4	18.9	RoEG013G48
K14E48Z	C2014	04	04.14012	11	52	03.76	+19	59	38.7	18.1	RoEG013G48
K14E49R	4C2014	04	04.05449	11	32	37.18	+40	31	21.2	17.8	VqEG013G40
K14E49R	4C2014	04	04.05596	11	32	37.05	+40	31	22.3	17.9	VqEG013G40
K14E49R	4C2014	04	04.13794	11	32	29.57	+40	32	27.9	18.2	VqEG013G40
K14E49R	4C2014	04	04.13868	11	32	29.52	+40	32	29.1	18.1	VqEG013G40
K14E49R	|C2014	04	04.17542	11	32	27.79	+40	33	00.4	19.1	RoEG013695
K14E49R	|C2014	04	04.18308	11	32	27.10	+40	33	06.9	19.1	RoEG013695
K14E49R	|C2014	04	04.18868	11	32	26.58	+40	33	11.6	19.0	RoEG013695
K14E49R	|C2014	04	04.19205	11	32	26.27	+40	33	14.4	19.0	RoEG013695
K14F00F	|C2014	04	04.30077	16	33	13.09	+42	05	08.2	20.4	RoEG013695
K14F00F	|C2014	04	04.30267	16	33	15.39	+42	05	06.0	20.2	RoEG013695
K14F00F	|C2014	04	04.30358	16	33	16.48	+42	05	05.0	19.9	RoEG013695

K14F00H	]	C2014	04	04.31399	11	31	13.95	+17	55	14.0	22.4	RoEG013695
K14F00H	]	C2014	04	04.31885	11	31	13.44	+17	55	10.4	22.2	RoEG013695
K14F00H	]	C2014	04	04.32939	11	31	12.37	+17	55	03.0	22.2	RoEG013695
K14F00P	KC	2014	04	04.12837	09	19	48.49	+24	40	17.3	20.9	RoEG013291
K14F00P	KC	2014	04	04.13357	09	19	48.62	+24	40	30.5	21.1	RoEG013291
K14F00P	KC	2014	04	04.13877	09	19	48.75	+24	40	43.3	21.1	RoEG013291
K14F06X	]	C2014	04	04.20926	11	32	24.82	+06	56	12.5	21.8	RoEG013695
K14F06X	]	C2014	04	04.21376	11	32	25.64	+06	56	05.7	21.8	RoEG013695
K14F06X	]	C2014	04	04.21701	11	32	26.21	+06	56	00.8	21.7	RoEG013695
K14F06X	]	C2014	04	04.22027	11	32	26.82	+06	55	55.8	22.2	RoEG013695
K14F32V	C	2014	04	04.23029	12	08	30.99	+23	48	13.4	21.9	RoEG013926
K14F32V	C	2014	04	04.24154	12	08	29.27	+23	48	38.7	22.3	RoEG013926
K14F32V	C	2014	04	04.25160	12	08	27.72	+23	49	01.4	21.9	RoEG013926
K14F32X	]	C2014	04	04.25669	14	20	04.85	-00	17	51.0	21.9	RoEG013695
K14F32X	]	C2014	04	04.26151	14	20	04.36	-00	17	48.7	21.8	RoEG013695
K14F32X	]	C2014	04	04.26663	14	20	03.84	-00	17	46.5	21.9	RoEG013695
K14F32X	]	C2014	04	04.27141	14	20	03.36	-00	17	44.1	21.7	RoEG013695
K14F37R	]	C2014	04	03.31630	13	41	33.40	-14	23	29.1	20.5	VuEG013807
K14F37R	]	C2014	04	03.32266	13	41	31.81	-14	23	31.9	20.3	VuEG013807
K14F37R	]	C2014	04	03.32908	13	41	30.22	-14	23	34.8	20.4	VuEG013807
K14F37R	]	C2014	04	04.28265	13	37	52.42	-14	31	54.7	19.9	RoEG013695
K14F37R	]	C2014	04	04.28502	13	37	51.84	-14	31	55.8	20.0	RoEG013695
K14F37R	]	C2014	04	04.28732	13	37	51.27	-14	31	56.8	20.0	RoEG013695
K14F37R	]	C2014	04	04.28955	13	37	50.73	-14	31	57.9	20.1	RoEG013695
K14F37S	]	C2014	04	03.38370	15	21	38.19	-04	32	54.3	20.9	VuEG013807
K14F37S	]	C2014	04	03.39081	15	21	40.73	-04	32	38.9	20.9	VuEG013807
K14F37S	]	C2014	04	03.39819	15	21	43.37	-04	32	23.5	21.3	VuEG013807
K14F38L	C	2014	04	04.12691	09	26	30.46	+24	48	23.3	20.4	RoEG013926
K14F38L	C	2014	04	04.13216	09	26	33.66	+24	48	31.5	20.4	RoEG013926
K14F38L	C	2014	04	04.13742	09	26	36.83	+24	48	39.9	20.7	RoEG013926
K14F38O	2C	2014	03	29.95673512	50	02.33	+17	10	12.4	17.8	RuEG013089	
K14F38O	2C	2014	03	29.95916512	49	49.04	+17	09	29.2	18.3	RuEG013089	
K14F38O	2C	2014	03	29.96159612	49	35.75	+17	08	46.1	18.0	RuEG013089	
K14F38O	2C	2014	03	29.96402712	49	22.45	+17	08	02.6	18.5	RuEG013089	
K14F38P	]	C2014	04	03.11016	11	37	35.29	-33	52	16.7	21.0	VuEG013807
K14F38P	]	C2014	04	03.12006	11	37	29.56	-33	54	01.6	21.0	VuEG013807
K14F38P	]	C2014	04	04.16399	11	28	22.20	-36	46	32.7	21.2	VuEG013807
K14F38P	]	C2014	04	04.17117	11	28	18.19	-36	47	39.0	20.9	VuEG013807
K14F38P	]	C2014	04	04.17858	11	28	14.05	-36	48	47.2	21.0	VuEG013807
K14F38T	]	C2014	04	03.33700	13	54	21.49	-13	43	20.6	20.3	VuEG013807
K14F38T	]	C2014	04	03.34334	13	54	19.41	-13	43	18.2	20.3	VuEG013807
K14F38T	]	C2014	04	03.34969	13	54	17.33	-13	43	15.7	20.2	VuEG013807
K14F43Z	KC	2014	04	04.14701	10	31	11.28	+17	13	12.0	21.0	RoEG013291
K14F43Z	KC	2014	04	04.15290	10	31	11.18	+17	12	59.4	20.7	RoEG013291
K14F43Z	KC	2014	04	04.15880	10	31	11.06	+17	12	46.3		oEG013291
K14F44A	]	C2014	04	04.22654	12	34	35.06	+02	56	24.9	20.2	VuEG013807
K14F44A	]	C2014	04	04.23281	12	34	34.97	+02	56	23.8	20.3	VuEG013807
K14F44A	]	C2014	04	04.24035	12	34	34.85	+02	56	21.9	20.2	VuEG013807
K14F47N	]	C2014	04	03.07066	10	47	11.93	+05	41	56.7	19.5	VuEG013807
K14F47N	]	C2014	04	03.07500	10	47	12.36	+05	42	23.7	19.8	VuEG013807
K14F47N	]	C2014	04	03.08025	10	47	12.87	+05	42	56.3	19.6	VuEG013807
K14F47N	]	C2014	04	04.04652	10	48	58.30	+07	21	55.1	20.2	VuEG013807
K14F47N	]	C2014	04	04.05073	10	48	58.70	+07	22	20.5	19.7	VuEG013807
K14F47N	]	C2014	04	04.05530	10	48	59.16	+07	22	48.6	19.9	VuEG013807
K14F47N	]	C2014	04	04.30926	10	49	25.67	+07	47	58.8	19.5	RoEG013926
K14F47N	]	C2014	04	04.31498	10	49	26.26	+07	48	33.4	19.4	RoEG013926
K14F47N	]	C2014	04	04.32250	10	49	27.03	+07	49	18.6	19.4	RoEG013926
K14F47P	]	C2014	04	03.26455	12	51	14.58	+04	21	03.7	19.7	VuEG013807
K14F47P	]	C2014	04	03.27095	12	51	13.32	+04	21	05.5	19.9	VuEG013807
K14F47P	]	C2014	04	03.27730	12	51	12.09	+04	21	07.3	20.0	VuEG013807
K14F47P	]	C2014	04	04.16536	12	48	34.04	+04	24	00.5	19.9	VoEG013691
K14F47P	]	C2014	04	04.18303	12	48	30.54	+04	24	05.3	19.6	VoEG013691
K14F47P	]	C2014	04	04.20070	12	48	27.02	+04	24	09.8	19.9	VoEG013691
K14F47P	]	C2014	04	04.25749	12	48	13.69	+04	25	14.0	19.8	VuEG013807
K14F47P	]	C2014	04	04.26302	12	48	12.55	+04	25	15.3	19.9	VuEG013807
K14F47P	]	C2014	04	04.26855	12	48	11.45	+04	25	16.9	20.0	VuEG013807
K14F47P	]	C2014	04	04.30701	12	48	05.49	+04	24	36.6	19.5	RoEG013926
K14F47P	]	C2014	04	04.31844	12	48	03.16	+04	24	39.3	19.4	RoEG013926
K14F47P	]	C2014	04	04.33095	12	48	00.59	+04	24	42.5	19.6	RoEG013926
K14F47P	]	C2014	04	04.35725	12	47	55.21	+04	24	47.8	18.9	VqEG013G96
K14F47P	]	C2014	04	04.36181	12	47	54.30	+04	24	49.1	19.3	VqEG013G96
K14F47P	]	C2014	04	04.36637	12	47	53.38	+04	24	50.0	19.2	VqEG013G96

K14F47P	C2014	04	04.37096	12	47	52.45	+04	24	51.0	19.2	VqEG013G96
K14F47P	C2014	04	04.40401	12	47	45.76	+04	24	58.8	19.2	VqEG013G96
K14F47P	C2014	04	04.40985	12	47	44.58	+04	25	00.2	19.2	VqEG013G96
K14F47P	C2014	04	04.41571	12	47	43.40	+04	25	01.7	19.3	VqEG013G96
K14F47P	C2014	04	04.42155	12	47	42.22	+04	25	02.9	19.4	VqEG013G96
K14F52S	C2014	04	03.35798	14	23	20.86	-03	41	28.8	20.5	VuEG013807
K14F52S	C2014	04	03.36425	14	23	25.36	-03	41	29.6	20.5	VuEG013807
K14F52S	C2014	04	03.37051	14	23	29.88	-03	41	30.3	20.5	VuEG013807
K14F52S	C2014	04	04.20382	14	34	56.47	-03	43	55.4	19.8	VuEG013807
K14F52S	C2014	04	04.20803	14	35	00.02	-03	43	55.7	19.8	VuEG013807
K14F52S	C2014	04	04.21264	14	35	03.96	-03	43	56.6	19.9	VuEG013807
K14F52S	C2014	04	04.40184	14	37	51.46	-03	46	33.4	20.2	RoEG013926
K14F52S	C2014	04	04.40407	14	37	53.48	-03	46	33.5	20.0	RoEG013926
K14F52S	C2014	04	04.40630	14	37	55.43	-03	46	34.1	19.9	RoEG013926
K14G00A	C2014	04	04.11646	09	26	01.84	-03	56	27.7	20.5	RoEG013926
K14G00A	C2014	04	04.11903	09	25	59.10	-03	57	16.0	20.5	RoEG013926
K14G00A	C2014	04	04.12162	09	25	56.40	-03	58	03.4	20.5	RoEG013926
K14G00A	C2014	04	04.29725	09	22	51.51	-04	52	18.2	20.2	RoEG013926
K14G00A	C2014	04	04.29982	09	22	48.98	-04	53	04.7	20.6	RoEG013926
K14G00A	C2014	04	04.30240	09	22	46.35	-04	53	53.0	20.3	RoEG013926
K14G01F	C2014	04	04.25608	13	16	30.73	-01	28	05.5	20.5	RoEG013926
K14G01F	C2014	04	04.25866	13	16	33.30	-01	27	52.8	20.4	RoEG013926
K14G01F	C2014	04	04.26124	13	16	35.82	-01	27	40.0	20.5	RoEG013926
06037	C2014	04	03.57065	16	32	38.640	-18	00	09.56	21.0	wLEG013F51
06037	C2014	04	03.58298	16	32	38.126	-18	00	05.98	20.7	wLEG013F51
06037	C2014	04	03.59534	16	32	37.623	-18	00	02.50	20.9	wLEG013F51
25916	KC2014	04	04.10246	18	27	19.14	-08	35	48.3	16.9	VuEG013J37
25916	KC2014	04	04.12184	18	27	22.39	-08	35	50.3	16.5	VuEG013J37
25916	KC2014	04	04.13054	18	27	23.82	-08	35	51.7	16.7	VuEG013J37
25916	KC2014	04	04.14327	18	27	25.93	-08	35	53.4	16.7	VuEG013J37
35107	C2014	04	03.68032	13	15	07.77	+38	48	17.2	16.1	woEG013C94
35107	C2014	04	03.68178	13	15	07.60	+38	48	19.8	16.0	woEG013C94
35107	C2014	04	03.68324	13	15	07.48	+38	48	21.9	16.0	woEG013C94
35107	C2014	04	03.72573	13	15	02.78	+38	49	33.0	16.0	woEG013C94
35107	C2014	04	03.72719	13	15	02.63	+38	49	35.5	15.9	woEG013C94
35107	C2014	04	03.72860	13	15	02.45	+38	49	38.0	15.9	woEG013C94
52760	C2013	12	06.72876	07	11	47.50	+29	21	56.1	17.5	RoEG013300
52760	C2013	12	06.73056	07	11	47.27	+29	21	56.4	17.4	RoEG013300
52760	C2013	12	06.73136	07	11	47.09	+29	21	56.8	17.3	RoEG013300
52760	C2013	12	06.73296	07	11	46.92	+29	21	57.0	17.5	RoEG013300
86819	C2014	04	03.71379	14	12	55.81	+00	11	20.3	20.8	RqEG013D29
86819	C2014	04	03.73169	14	12	54.99	+00	11	40.4	19.4	RqEG013D29
86819	C2014	04	03.74958	14	12	54.09	+00	11	57.1	19.7	RqEG013D29
86878	C2014	03	30.98148	03	49	02.21	-43	01	50.1	15.8	VuEG013807
86878	C2014	03	30.98345	03	49	04.98	-43	02	05.4	17.0	VuEG013807
86878	C2014	03	30.98743	03	49	10.65	-43	02	36.6	16.9	VuEG013807
86878	C2014	03	30.98938	03	49	13.38	-43	02	51.1	16.7	VuEG013807
86878	C2014	03	30.99117	03	49	15.83	-43	03	04.9	17.1	VuEG013807
86878	C2014	04	02.97826	05	18	15.89	-48	22	41.9	16.0	VuEG013807
86878	C2014	04	02.97848	05	18	16.29	-48	22	42.7	17.0	VuEG013807
86878	C2014	04	02.97868	05	18	16.69	-48	22	43.5	16.9	VuEG013807
86878	C2014	04	02.97888	05	18	17.14	-48	22	44.2	16.8	VuEG013807
86878	C2014	04	02.97909	05	18	17.57	-48	22	44.8	16.8	VuEG013807
86878	C2014	04	02.97929	05	18	17.99	-48	22	45.8	15.6	VuEG013807
86878	C2014	04	02.97948	05	18	18.40	-48	22	46.5	16.9	VuEG013807
86878	C2014	04	03.97835	05	54	54.29	-49	08	36.5	15.5	VuEG013807
86878	C2014	04	03.98035	05	54	58.75	-49	08	39.1	15.4	VuEG013807
86878	C2014	04	03.98235	05	55	03.16	-49	08	42.1	16.5	VuEG013807
86878	C2014	04	03.98432	05	55	07.55	-49	08	44.3	16.1	VuEG013807
86878	C2014	04	03.98630	05	55	11.93	-49	08	46.6	16.7	VuEG013807
86878	C2014	04	03.98807	05	55	15.88	-49	08	49.1	15.4	VuEG013807
D6618	C2014	04	03.62156	11	58	24.30	+03	04	33.4	19.1	RqEG013D29
D6618	C2014	04	03.63846	11	58	22.79	+03	04	42.3	19.3	RqEG013D29
D6618	C2014	04	03.65536	11	58	21.29	+03	04	51.5	19.1	RqEG013D29
D8127	C2014	04	04.15573	22	53	20.76	+76	27	06.2	17.2	RoEG013G48
D8127	C2014	04	04.15613	22	53	21.44	+76	27	05.8	17.1	RoEG013G48
D8127	C2014	04	04.15653	22	53	21.83	+76	27	05.9	17.2	RoEG013G48
D8127	C2014	04	04.15692	22	53	22.19	+76	27	05.9	17.0	RoEG013G48
D8127	C2014	04	04.15731	22	53	22.70	+76	27	05.5	17.0	RoEG013G48
D8127	C2014	04	04.15772	22	53	23.11	+76	27	05.6	17.0	RoEG013G48
E3409	C2014	04	03.77175	14	44	13.46	+05	18	04.6	17.7	RqEG013D29
E3409	C2014	04	03.79064	14	44	15.08	+05	18	32.3	17.2	RqEG013D29

E3409	C2014 04 03.80953	14 44 16.71	+05 18 59.9	16.9	RqEG013D29
F2560	C2014 04 04.27211	12 37 34.65	-11 38 45.0	20.6	VqEG013G96
F2560	C2014 04 04.27718	12 37 34.11	-11 38 41.7	20.5	VqEG013G96
F2560	C2014 04 04.28225	12 37 33.57	-11 38 38.4	20.1	VqEG013G96
F2560	C2014 04 04.28732	12 37 33.02	-11 38 35.1	20.2	VqEG013G96
F3958	HC2014 04 04.22480	13 44 22.52	-03 03 32.1		oEG013691
F3958	HC2014 04 04.24247	13 44 21.15	-03 03 20.9		oEG013691
F3958	HC2014 04 04.26014	13 44 19.77	-03 03 09.4		oEG013691
G3014	C2014 04 03.73069	13 58 41.13	+03 46 45.6	19.8	RqEG013D29
G3014	C2014 04 03.74859	13 58 39.06	+03 46 47.4	19.5	RqEG013D29
G3014	C2014 04 03.76648	13 58 37.04	+03 46 49.2	18.9	RqEG013D29
H5189	C2014 04 04.17672	10 12 04.54	+11 58 17.4	19.2	VqEG013G96
H5189	C2014 04 04.18081	10 12 04.40	+11 58 18.9	19.2	VqEG013G96
H5189	C2014 04 04.18491	10 12 04.27	+11 58 20.4	19.1	VqEG013G96
H5189	C2014 04 04.18900	10 12 04.13	+11 58 21.9	19.1	VqEG013G96
J0161	C2014 04 04.26963	12 47 58.68	-11 05 43.5	20.5	VqEG013G96
J0161	C2014 04 04.27470	12 47 58.39	-11 05 41.4	20.6	VqEG013G96
J0161	C2014 04 04.27977	12 47 58.07	-11 05 39.6	20.9	VqEG013G96
L1871	C2014 04 04.37942	12 52 38.40	+08 11 50.4	20.1	VqEG013G96
L1871	C2014 04 04.38604	12 52 37.80	+08 11 56.9	19.8	VqEG013G96
L1871	C2014 04 04.39266	12 52 37.19	+08 12 04.5	19.9	VqEG013G96
L1871	C2014 04 04.39931	12 52 36.58	+08 12 11.3	19.8	VqEG013G96
O3566	C2014 04 03.77874	05 34 02.19	+49 22 43.5	16.4	RvEG013461
O3566	C2014 04 03.78134	05 34 00.86	+49 23 02.8	16.5	RvEG013461
O3566	C2014 04 03.78435	05 33 59.31	+49 23 25.2	16.4	RvEG013461
O3566	C2014 04 03.78720	05 33 57.85	+49 23 46.4	17.2	RvEG013461
P1346	C2013 12 08.57924	23 52 09.15	+40 49 56.7	16.0	RoEG013300
P1346	C2013 12 08.58083	23 52 08.88	+40 49 55.9	16.3	RoEG013300
P1346	C2013 12 08.58243	23 52 08.63	+40 49 55.2	16.2	RoEG013300
P1346	C2013 12 08.58403	23 52 08.41	+40 49 54.1	16.3	RoEG013300
R4138	C2014 04 03.60864	11 40 24.26	-01 38 32.8	17.7	RqEG013D29
R4138	C2014 04 03.62554	11 40 21.43	-01 37 57.3	17.8	RqEG013D29
R4138	C2014 04 03.64244	11 40 18.55	-01 37 21.4	17.8	RqEG013D29
R7570	C2014 01 26.83621	10 49 22.15	-09 30 57.6	17.4	RoEG013300
R7570	C2014 01 26.83941	10 49 18.85	-09 30 33.8	17.6	RoEG013300
R7570	C2014 01 26.84195	10 49 16.41	-09 30 16.8	17.5	RoEG013300
R7570	C2014 01 26.85251	10 49 05.80	-09 28 59.8	17.6	RoEG013300
R7570	C2014 01 26.85895	10 48 59.36	-09 28 11.7	17.5	RoEG013300
R7570	C2014 01 26.86140	10 48 56.84	-09 27 54.2	17.7	RoEG013300
S5944	C2014 04 03.97949	06 43 56.20	-73 07 13.5	19.9	VuEG013807
S5944	C2014 04 03.98264	06 43 54.96	-73 07 09.9	19.7	VuEG013807
S5944	C2014 04 03.98546	06 43 53.88	-73 07 06.3	19.9	VuEG013807
U7918	C2014 04 03.57958	11 26 19.43	+43 14 39.2	19.5	RqEG013D29
U7918	C2014 04 03.59648	11 26 16.07	+43 15 05.0	20.0	RqEG013D29
W0378	HC2014 04 04.39023	14 49 18.31	-13 16 36.7		oEG013691
W0378	HC2014 04 04.40796	14 49 16.93	-13 16 28.1		oEG013691
W0378	HC2014 04 04.42568	14 49 15.46	-13 16 20.4		oEG013691
W6742	C2014 04 04.19385	10 03 41.87	+13 29 15.0	20.1	VqEG013G96
W6742	C2014 04 04.19892	10 03 41.55	+13 29 13.9	20.4	VqEG013G96
W6742	C2014 04 04.20401	10 03 41.16	+13 29 11.7	20.9	VqEG013G96
W6742	C2014 04 04.20906	10 03 40.80	+13 29 09.3	20.5	VqEG013G96
Z7622	IC2014 03 08.15015	17 33 32.20	+29 28 23.1	17.6	VqEG013Z81
Z7622	KC2014 03 08.17408	17 32 44.91	+29 31 40.2	17.8	VqEG013Z81
Z7622	KC2014 03 08.19631	17 32 00.81	+29 34 41.9	17.9	VqEG013Z81
c1906	C2013 12 06.56323	01 27 02.78	+06 27 01.6	16.1	RoEG013300
c1906	C2013 12 06.56803	01 27 05.60	+06 27 09.9	16.2	RoEG013300
c1906	C2013 12 06.57123	01 27 07.48	+06 27 15.3	16.1	RoEG013300
c1906	C2013 12 06.57284	01 27 08.42	+06 27 17.6	16.2	RoEG013300
c1906	C2013 12 06.57444	01 27 09.39	+06 27 20.8	15.9	RoEG013300
c8567	C2014 04 03.62057	12 08 42.68	+01 50 09.2	19.1	RqEG013D29
c8567	C2014 04 03.63747	12 08 41.27	+01 50 12.3	19.0	RqEG013D29
c8567	C2014 04 03.65437	12 08 39.82	+01 50 15.7	19.7	RqEG013D29

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