

APPENDIX

Satellite navigation and course- and speed-change data used to generate Leg 124 trackline plots shown in Figures 3, 5, 7A, 7B, 7C, 9, 11A, 11B and 13.

Date (1988)	Julian day	Time (UTC)	North		East		Distance (nmi)	speed (kt)	Actual course (deg)	Comments ^a
			latitude (deg)	(min)	longitude (deg)	(min)				
5 Nov	310	0800	1	29.20	104	49.50	0.0	12.3	72	GPS
5	310	0900	1	32.90	105	1.20	12.3	12.0	66	GPS
5	310	1000	1	37.80	105	12.20	24.3	12.5	68	GPS
5	310	1100	1	42.40	105	23.80	36.8	12.6	70	GPS
5	310	1200	1	46.70	105	35.60	49.3	12.4	65	GPS
5	310	1300	1	51.90	105	46.90	61.8	12.8	65	GPS
5	310	1446	2	1.60	106	7.40	84.4	11.9	63	GPS
5	310	1831	2	22.06	106	47.04	129.0	11.9	68	SF
5	310	1957	2	28.41	107	2.92	146.1	11.8	70	SF
5	310	2216	2	37.70	107	28.75	173.5	12.2	69	SF
5	310	2321	2	42.35	107	41.16	186.8	12.1	69	SF
6	311	0001	2	45.18	107	48.70	194.8	12.6	69	SF
6	311	0108	2	50.28	108	1.88	208.9	12.8	67	SF
6	311	0200	2	54.70	108	12.06	220.0	13.1	66	GPS
6	311	0225	2	56.90	108	17.07	225.5	12.4	63	SF
6	311	0230	2	57.37	108	17.99	226.5	13.2	64	GPS
6	311	0245	2	58.83	108	20.95	229.8	12.5	64	SF
6	311	0300	3	0.21	108	23.77	233.0	12.5	63	GPS
6	311	0330	3	3.00	108	29.36	239.2	12.3	63	GPS
6	311	0400	3	5.76	108	34.89	245.4	12.4	63	GPS
6	311	0423	3	7.89	108	39.16	250.1	11.9	65	SF
6	311	0430	3	8.48	108	40.42	251.5	12.3	66	GPS
6	311	0500	3	10.93	108	46.05	257.7	12.2	67	GPS
6	311	0530	3	13.27	108	51.69	263.8	12.3	67	GPS
6	311	0556	3	15.33	108	56.59	269.1	10.8	67	SF
6	311	0600	3	15.61	108	57.26	269.8	13.0	63	GPS
6	311	0610	3	16.61	108	59.19	272.0	11.8	71	SF
6	311	0630	3	17.89	109	2.93	275.9	12.3	69	GPS
6	311	0700	3	20.13	109	8.68	282.1	12.3	69	GPS
6	311	0730	3	22.38	109	14.41	288.2	12.9	69	GPS
6	311	0744	3	23.47	109	17.22	291.2	12.1	69	SF
6	311	0800	3	24.64	109	20.23	294.4	12.4	68	GPS
6	311	0830	3	26.91	109	25.99	300.6	12.4	68	GPS
6	311	0900	3	29.23	109	31.76	306.8	14.0	69	GPS
6	311	0907	3	29.82	109	33.29	308.5	11.7	66	SF
6	311	0930	3	31.64	109	37.38	312.9	12.4	70	GPS
6	311	0941	3	32.42	109	39.51	315.2	12.5	64	SF
6	311	1000	3	34.16	109	43.06	319.2	12.4	67	GPS
6	311	1030	3	36.63	109	48.77	325.4	9.8	53	GPS
6	311	1100	3	39.62	109	52.69	330.3	7.6	43	GPS
6	311	1125	3	41.94	109	54.85	333.5	7.6	72	SF
6	311	1130	3	42.14	109	55.45	334.1	9.6	69	GPS
6	311	1200	3	43.88	109	59.93	338.9	10.0	68	GPS
6	311	1219	3	45.06	110	2.87	342.1	11.4	67	SF
6	311	1241	3	46.72	110	6.72	346.2	12.4	68	SF
6	311	1405	3	53.11	110	22.85	363.6	12.9	67	SF
6	311	1435	3	55.68	110	28.80	370.0	12.6	66	SF
6	311	1609	4	3.60	110	46.86	389.7	13.9	69	SF
6	311	1622	4	4.69	110	49.68	392.7	12.6	61	SF
6	311	1747	4	13.46	111	5.31	410.6	11.6	60	SF
6	311	1830	4	17.60	111	12.54	418.9	14.9	61	SF

6	311	1933	4	25.11	111	26.34	434.6	13.5	64	SF
6	311	2232	4	42.61	112	2.81	474.9	13.5	75	SF
6	311	2353	4	47.46	112	20.50	493.2	13.1	74	SF
7	312	0000	4	47.88	112	21.97	494.7	14.0	77	GPS
7	312	0018	4	48.79	112	26.07	498.9	12.1	77	SF
7	312	0030	4	49.32	112	28.44	501.4	13.0	78	GPS
7	312	0100	4	50.68	112	34.80	507.8	13.1	77	GPS
7	312	0130	4	52.11	112	41.19	514.4	16.1	85	GPS
7	312	0139	4	52.34	112	43.60	516.8	11.3	75	SF
7	312	0200	4	53.33	112	47.44	520.7	13.3	75	GPS
7	312	0221	4	54.50	112	51.97	525.4	11.9	76	SF
7	312	0230	4	54.94	112	53.70	527.2	13.0	75	GPS
7	312	0300	4	56.64	113	0.00	533.7	12.8	69	GPS
7	312	0330	4	58.91	113	5.98	540.0	13.2	55	GPS
7	312	0347	5	1.04	113	9.07	543.8	12.5	56	SF
7	312	0400	5	2.58	113	11.32	546.5	14.0	52	GPS
7	312	0409	5	3.87	113	12.98	548.6	12.5	58	SF
7	312	0430	5	6.21	113	16.69	553.0	12.9	56	GPS
7	312	0500	5	9.84	113	22.06	559.4	12.9	56	GPS
7	312	0530	5	13.45	113	27.44	565.9	18.1	54	GPS
7	312	0532	5	13.80	113	27.93	566.5	12.6	66	SF
7	312	0600	5	16.18	113	33.35	572.4	13.0	63	GPS
7	312	0630	5	19.12	113	39.19	578.9	13.3	57	GPS
7	312	0700	5	22.72	113	44.78	585.5	14.0	56	GPS
7	312	0720	5	25.30	113	48.68	590.2	11.9	58	SF
7	312	0730	5	26.35	113	50.37	592.2	13.3	57	GPS
7	312	0800	5	29.97	113	56.00	598.9	13.5	56	GPS
7	312	0830	5	33.73	114	1.62	605.6	13.6	56	GPS
7	312	0900	5	37.55	114	7.26	612.4	13.5	55	GPS
7	312	0930	5	41.46	114	12.79	619.1	13.5	54	GPS
7	312	1004	5	45.98	114	18.98	626.8	13.7	55	SF
7	312	1016	5	47.55	114	21.22	629.5	12.7	55	SF
7	312	1030	5	49.26	114	23.65	632.5	13.0	54	GPS
7	312	1100	5	53.13	114	28.92	639.0	13.0	52	GPS
7	312	1130	5	57.16	114	34.04	645.5	13.3	54	GPS
7	312	1135	5	57.82	114	34.94	646.6	13.0	51	SF
7	312	1200	6	1.23	114	39.15	652.0	16.2	42	GPS
7	312	1201	6	1.43	114	39.33	652.3	12.9	52	SF
7	312	1230	6	5.28	114	44.29	658.5	13.2	54	GPS
7	312	1321	6	11.83	114	53.42	669.7	6.5	21	SF
7	312	1330	6	12.74	114	53.78	670.7	14.9	58	DR
7	312	1413	6	18.42	115	2.87	681.4	3.3	58	SF
7	312	1430	6	18.90	115	3.70	682.3	15.3	54	c/cs
7	312	1500	6	23.40	115	9.90	689.9	15.3	52	c/cs
7	312	1534	6	28.69	115	16.77	698.6	12.7	49	SF
7	312	1600	6	32.30	115	21.00	704.1	12.7	50	c/cs
7	312	1602	6	32.56	115	21.30	704.5	13.5	53	SF
7	312	1630	6	36.10	115	26.40	710.8	13.5	54	c/cs
7	312	1724	6	43.53	115	36.21	722.9	13.7	57	SF
7	312	1830	6	51.80	115	48.90	738.0	13.7	58	c/cs
7	312	1911	6	56.66	115	56.88	747.3	13.5	54	SF
7	312	2000	7	3.10	116	5.90	758.3	13.5	52	c/cs
7	312	2100	7	11.40	116	16.60	771.8	13.5	51	c/cs
7	312	2144	7	17.69	116	24.30	781.7	13.2	56	SF
7	312	2155	7	19.10	116	26.30	784.1	13.5	82	c/cs
7	312	2200	7	19.20	116	27.40	785.3	13.5	81	c/cs
7	312	2329	7	22.43	116	47.35	805.3	13.5	80	SF
8	313	0000	7	23.67	116	54.25	812.2	13.9	79	GPS
8	313	0000	7	23.70	116	54.30	812.2	13.9	80	c/cs
8	313	0030	7	24.90	117	1.15	819.2	13.7	82	GPS

8	313	0100	7	25.86	117	7.98	826.0	14.3	82	GPS
8	313	0130	7	26.81	117	15.13	833.2	14.3	81	GPS
8	313	0134	7	27.00	117	16.10	834.1	14.3	76	c/cs
8	313	0157	7	28.25	117	21.46	839.6	11.2	83	SF
8	313	0200	7	28.32	117	22.02	840.2	13.6	77	GPS
8	313	0214	7	29.00	117	25.20	843.4	13.7	85	c/cs
8	313	0230	7	29.35	117	28.82	847.0	14.2	83	GPS
8	313	0250	7	29.90	117	33.60	851.8	13.6	126	c/cs
8	313	0300	7	28.57	117	35.43	854.0	13.8	131	GPS
8	313	0311	7	26.91	117	37.35	856.5	14.1	132	SF
8	313	0330	7	23.94	117	40.71	861.0	14.2	131	GPS
8	313	0346	7	21.44	117	43.56	864.8	14.0	132	SF
8	313	0400	7	19.27	117	46.01	868.0	14.0	133	GPS
8	313	0430	7	14.48	117	51.18	875.1	14.1	133	GPS
8	313	0458	7	9.97	117	55.98	881.6	10.8	136	SF
8	313	0500	7	9.71	117	56.23	882.0	14.1	134	GPS
8	313	0530	7	4.86	118	1.36	889.0	14.3	134	GPS
8	313	0600	6	59.90	118	6.54	896.2	14.2	135	GPS
8	313	0615	6	57.40	118	9.10	899.7	14.0	119	c/cs
8	313	0630	6	55.68	118	12.13	903.2	14.0	117	GPS
8	313	0700	6	52.45	118	18.41	910.2	14.1	113	GPS
8	313	0730	6	49.68	118	24.94	917.3	14.1	111	GPS
8	313	0800	6	47.19	118	31.56	924.3	14.2	109	GPS
8	313	0830	6	44.91	118	38.33	931.4	13.6	115	GPS
8	313	0840	6	44.00	118	40.40	933.7	14.1	104	c/cs
8	313	0900	6	42.83	118	45.01	938.4	14.5	106	GPS
8	313	0907	6	42.35	118	46.65	940.1	14.1	107	SF
8	313	0907	6	42.40	118	46.60	940.1	14.0	105	c/cs
8	313	0930	6	40.98	118	51.86	945.4	14.1	105	GPS
8	313	0937	6	40.50	118	53.50	947.1	14.1	105	c/cs
8	313	1000	6	39.13	118	58.73	952.5	13.8	105	GPS
8	313	1007	6	38.70	119	0.30	954.1	13.9	105	c/cs
8	313	1014	6	38.30	119	1.90	955.7	13.8	105	c/cs
8	313	1023	6	37.80	119	3.90	957.8	13.9	105	c/cs
8	313	1030	6	37.34	119	5.47	959.4	13.6	105	GPS
8	313	1052	6	36.06	119	10.34	964.4	13.5	106	SF
8	313	1053	6	36.00	119	10.60	964.7	13.5	107	c/cs
8	313	1100	6	35.54	119	12.08	966.2	13.4	107	GPS
8	313	1117	6	34.40	119	15.70	970.0	13.2	107	c/cs
8	313	1120	6	34.20	119	16.40	970.7	13.4	108	c/cs
8	313	1130	6	33.52	119	18.50	972.9	13.3	109	GPS
8	313	1135	6	33.20	119	19.60	974.0	13.3	109	c/cs
8	313	1200	6	31.38	119	24.84	979.6	13.9	110	GPS
8	313	1205	6	31.00	119	25.90	980.7	13.8	108	c/cs
8	313	1222	6	29.80	119	29.70	984.6	13.8	108	c/cs
8	313	1230	6	29.24	119	31.45	986.5	14.0	105	GPS
8	313	1251	6	28.00	119	36.20	991.4	13.9	105	c/cs
8	313	1321	6	26.20	119	42.90	998.3	13.9	105	c/cs
8	313	1334	6	25.40	119	45.90	1001.3	13.9	105	c/cs
8	313	1350	6	24.40	119	49.47	1005.0	13.1	105	SF
8	313	1356	6	24.10	119	50.70	1006.3	13.0	106	c/cs
8	313	1458	6	20.41	120	3.71	1019.7	12.1	108	SF
8	313	1538	6	17.93	120	11.40	1027.8	13.8	97	SF
8	313	1615	6	16.80	120	19.90	1036.3	13.2	124	c/cs
8	313	1646	6	12.97	120	25.57	1043.1	14.5	128	SF
8	313	1821	5	58.70	120	43.80	1066.2	14.2	129	c/cs
8	313	1833	5	56.90	120	46.00	1069.0	14.8	128	c/cs
8	313	1849	5	54.50	120	49.13	1073.0	14.8	130	SF
8	313	1851	5	54.20	120	49.50	1073.5	14.8	130	c/cs
8	313	1905	5	52.00	120	52.20	1076.9	14.4	109	c/cs

B	313	1907	5	51.80	120	52.60	1077.4	15.1	114	c/cs
B	313	1923	5	50.20	120	56.30	1081.4	15.1	114	c/cs
B	313	1927	5	49.80	120	57.30	1082.4	14.9	114	c/cs
B	313	1937	5	48.80	120	59.50	1084.9	14.8	114	c/cs
B	313	1954	5	47.10	121	3.40	1089.1	14.9	115	c/cs
B	313	2013	5	45.20	121	7.70	1093.8	14.6	115	c/cs
B	313	2035	5	42.94	121	12.60	1099.1	13.1	120	SF
B	313	2040	5	42.40	121	13.50	1100.2	13.3	120	c/cs
B	313	2049	5	41.40	121	15.30	1102.2	13.2	119	c/cs
B	313	2119	5	38.20	121	21.10	1108.9	13.2	119	c/cs
B	313	2135	5	36.50	121	24.20	1112.4	13.2	119	c/cs
B	313	2149	5	35.00	121	26.90	1115.5	13.1	120	c/cs
B	313	2202	5	33.60	121	29.40	1118.3	13.2	120	c/cs
B	313	2205	5	33.20	121	29.90	1118.9	13.2	119	c/cs
B	313	2220	5	31.63	121	32.84	1122.2	12.7	116	SF
B	313	2235	5	30.20	121	35.70	1125.4	12.8	116	c/cs
B	313	2241	5	29.70	121	36.90	1126.7	12.4	106	c/cs
B	313	2249	5	29.20	121	38.50	1128.4	12.6	106	c/cs
B	313	2319	5	27.50	121	44.60	1134.7	12.6	106	c/cs
B	313	2326	5	27.10	121	46.00	1136.1	12.5	106	c/cs
B	313	2345	5	26.00	121	49.80	1140.1	12.6	106	c/cs
9	314	0000	5	25.18	121	52.86	1143.2	13.4	105	GPS
9	314	0000	5	25.20	121	52.90	1143.2	13.4	105	c/cs
9	314	0010	5	24.59	121	55.02	1145.5	12.3	106	SF
9	314	0015	5	24.30	121	56.00	1146.5	12.2	106	c/cs
9	314	0030	5	23.46	121	58.96	1149.6	12.7	106	GPS
9	314	0037	5	23.10	122	0.40	1151.0	12.8	113	c/cs
9	314	0100	5	21.17	122	4.96	1156.0	12.5	114	GPS
9	314	0101	5	21.10	122	5.20	1156.2	12.5	116	c/cs
9	314	0128	5	18.60	122	10.20	1161.8	12.5	116	c/cs
9	314	0130	5	18.42	122	10.62	1162.2	13.0	113	GPS
9	314	0135	5	17.99	122	11.62	1163.3	12.2	116	SF
9	314	0158	5	16.00	122	15.80	1168.0	12.1	116	c/cs
9	314	0200	5	15.79	122	16.21	1168.4	12.7	117	GPS
9	314	0228	5	13.10	122	21.50	1174.3	12.7	117	c/cs
9	314	0230	5	12.88	122	21.86	1174.7	12.8	115	GPS
9	314	0234	5	12.50	122	22.60	1175.6	12.7	115	c/cs
9	314	0236	5	12.33	122	23.02	1176.0	12.4	117	SF
9	314	0246	5	11.40	122	24.90	1178.1	12.6	117	c/cs
9	314	0258	5	10.20	122	27.10	1180.6	12.5	117	c/cs
9	314	0300	5	10.06	122	27.51	1181.0	13.0	115	GPS
9	314	0323	5	7.94	122	32.05	1186.0	11.4	115	SF
9	314	0328	5	7.50	122	32.90	1187.0	11.4	115	c/cs
9	314	0330	5	7.37	122	33.26	1187.3	12.8	114	GPS
9	314	0349	5	5.70	122	37.00	1191.4	12.8	114	c/cs
9	314	0400	5	4.79	122	39.15	1193.8	13.5	114	GPS
9	314	0421	5	2.90	122	43.50	1198.5	13.5	113	c/cs
9	314	0423	5	2.69	122	43.89	1198.9	11.5	115	SF
9	314	0430	5	2.13	122	45.12	1200.3	12.5	115	GPS
9	314	0439	5	1.30	122	46.80	1202.1	12.6	114	c/cs
9	314	0441	5	1.20	122	47.20	1202.6	12.4	114	c/cs
9	314	0446	5	0.73	122	48.15	1203.6	13.5	112	SF
9	314	0500	4	59.54	122	51.09	1206.8	12.7	113	GPS
9	314	0501	4	59.50	122	51.30	1207.0	12.7	114	c/cs
9	314	0520	4	57.80	122	55.00	1211.0	12.9	122	c/cs
9	314	0530	4	56.68	122	56.80	1213.1	12.6	124	GPS
9	314	0532	4	56.40	122	57.10	1213.6	12.5	120	c/cs
9	314	0534	4	56.20	122	57.50	1214.0	12.3	115	c/cs
9	314	0558	4	54.20	123	2.00	1218.9	12.7	114	c/cs
9	314	0600	4	54.00	123	2.38	1219.3	12.7	113	GPS

9	314	0601	4	53.90	123	2.60	1219.5	12.5	114	c/cs
9	314	0621	4	52.20	123	6.40	1223.7	12.4	112	c/cs
9	314	0629	4	51.60	123	7.90	1225.3	6.9	115	c/cs
9	314	0630	4	51.57	123	8.04	1225.5	7.7	117	GPS
9	314	0635	4	51.28	123	8.62	1226.1	6.6	111	SF
9	314	0700	4	50.31	123	11.20	1228.9	6.8	109	GPS
9	314	0730	4	49.22	123	14.44	1232.3	7.4	103	GPS
9	314	0735	4	49.10	123	15.00	1232.9	6.1	92	c/cs
9	314	0750	4	49.00	123	16.60	1234.4	6.2	101	c/cs
9	314	0800	4	48.82	123	17.60	1235.4	6.2	107	GPS
9	314	0800	4	48.80	123	17.60	1235.4	6.4	92	c/cs
9	314	0820	4	48.70	123	19.70	1237.6	6.4	95	c/cs
9	314	0830	4	48.64	123	20.81	1238.7	6.7	95	GPS
9	314	0850	4	48.40	123	23.00	1240.9	6.3	98	c/cs
9	314	0900	4	48.28	123	24.09	1241.9	6.6	97	GPS
9	314	0906	4	48.20	123	24.00	1242.6	6.7	97	c/cs
9	314	0917	4	48.00	123	26.00	1243.8	6.8	98	c/cs
9	314	0930	4	47.83	123	27.44	1245.3	6.8	96	GPS
9	314	0944	4	47.67	123	29.03	1246.9	6.9	98	SF
9	314	0947	4	47.60	123	29.40	1247.2	6.8	97	c/cs
9	314	0951	4	47.60	123	29.80	1247.7	6.2	98	c/cs
9	314	0954	4	47.50	123	30.10	1248.0	6.8	97	c/cs
9	314	1000	4	47.44	123	30.81	1248.7	7.4	93	GPS
9	314	1010	4	47.37	123	32.04	1249.9	6.9	96	SF
9	314	1015	4	47.30	123	32.60	1250.5	6.5	97	c/cs
9	314	1020	4	47.20	123	33.20	1251.0	6.9	92	c/cs
9	314	1023	4	47.20	123	33.50	1251.4	5.9	57	c/cs
9	314	1025	4	47.30	123	33.70	1251.6	5.2	16	c/cs
9	314	1029	4	47.70	123	33.80	1251.9	6.1	8	c/cs
9	314	1030	4	47.77	123	33.78	1252.0	7.7	354	GPS
9	314	1037	4	48.70	123	33.70	1252.9	7.8	351	c/cs
9	314	1044	4	49.60	123	33.60	1253.8	7.8	324	c/cs
9	314	1045	4	49.70	123	33.50	1254.0	5.8	285	c/cs
9	314	1049	4	49.80	123	33.10	1254.4	6.8	300	c/cs
9	314	1054	4	50.00	123	32.60	1254.9	7.1	296	c/cs
9	314	1059	4	50.30	123	32.10	1255.5	6.6	277	c/cs
9	314	1100	4	50.32	123	31.96	1255.6	7.5	259	GPS
9	314	1102	4	50.30	123	31.70	1255.9	7.7	240	c/cs
9	314	1103	4	50.20	123	31.60	1256.0	6.5	214	c/cs
9	314	1105	4	50.00	123	31.50	1256.2	6.7	203	c/cs
9	314	1115	4	49.00	123	31.00	1257.3	6.9	213	c/cs
9	314	1125	4	48.10	123	30.40	1258.5	6.8	218	c/cs
9	314	1128	4	47.78	123	30.20	1258.8	5.4	218	SF
9	314	1130	4	47.64	123	30.09	1259.0	6.7	212	GPS
9	314	1131	4	47.50	123	30.00	1259.1	6.9	208	c/cs
9	314	1152	4	45.40	123	28.89	1261.5	7.2	216	SF
9	314	1153	4	45.30	123	28.80	1261.7	7.2	216	c/cs
9	314	1200	4	44.62	123	28.33	1262.5	4.9	208	GPS
9	314	1202	4	44.50	123	28.30	1262.7	5.0	208	c/cs
9	314	1255	4	40.50	123	26.20	1267.1	0.7	30	c/cs
10	315	0045	4	47.51	123	30.19	1275.1	0.0	90	767
25	330	1635	4	47.51	123	30.19	1275.1	0.6	273	767
25	330	1635	4	47.50	123	30.20	1275.1	7.1	354	c/cs
25	330	1735	4	54.50	123	29.40	1282.2	7.0	0	c/cs
25	330	1826	5	0.50	123	29.40	1288.2	6.4	357	c/cs
25	330	1856	5	3.70	123	29.30	1291.4	6.4	358	c/cs
25	330	1919	5	6.20	123	29.20	1293.9	6.5	358	c/cs
25	330	1949	5	9.40	123	29.10	1297.1	6.5	358	c/cs
25	330	2019	5	12.60	123	29.00	1300.3	6.5	358	c/cs
25	330	2049	5	15.90	123	28.90	1303.6	6.5	358	c/cs

25	330	2052	5	16.22	123	28.86	1303.9	6.9	10	SF
25	330	2119	5	19.30	123	29.40	1307.0	7.2	9	c/cs
25	330	2124	5	19.90	123	29.50	1307.6	7.0	10	c/cs
25	330	2143	5	22.10	123	29.90	1309.8	7.0	10	c/cs
25	330	2206	5	24.69	123	30.30	1312.5	6.9	2	SF
25	330	2213	5	25.50	123	30.30	1313.3	6.8	2	c/cs
25	330	2239	5	28.42	123	30.45	1316.2	6.6	4	SF
25	330	2243	5	28.90	123	30.50	1316.7	6.7	3	c/cs
25	330	2313	5	32.20	123	30.70	1320.0	6.6	1	c/cs
25	330	2330	5	34.09	123	30.72	1321.9	6.6	3	GPS
25	330	2334	5	34.50	123	30.70	1322.4	6.8	2	c/cs
26	331	0000	5	37.46	123	30.82	1325.3	7.0	4	GPS
26	331	0000	5	37.50	123	30.80	1325.3	7.0	4	c/cs
26	331	0004	5	37.90	123	30.90	1325.8	6.9	4	c/cs
26	331	0030	5	40.89	123	31.06	1328.7	5.9	5	SF
26	331	0034	5	41.30	123	31.10	1329.1	5.9	5	c/cs
26	331	0040	5	41.87	123	31.15	1329.7	6.9	4	GPS
26	331	0104	5	44.60	123	31.30	1332.5	6.9	4	c/cs
26	331	0110	5	45.30	123	31.37	1333.1	7.3	4	GPS
26	331	0128	5	47.50	123	31.50	1335.3	7.2	1	c/cs
26	331	0132	5	47.96	123	31.53	1335.8	5.5	1	SF
26	331	0137	5	48.40	123	31.50	1336.3	7.4	354	c/cs
26	331	0140	5	48.79	123	31.50	1336.6	9.0	353	GPS
26	331	0144	5	49.40	123	31.40	1337.2	8.7	324	c/cs
26	331	0147	5	49.70	123	31.20	1337.7	8.7	309	c/cs
26	331	0210	5	51.82	123	28.55	1341.0	10.0	310	GPS
26	331	0223	5	53.20	123	26.90	1343.2	14.2	309	c/cs
26	331	0238	5	55.40	123	24.10	1346.7	14.3	309	c/cs
26	331	0240	5	55.74	123	23.75	1347.2	12.0	310	GPS
26	331	0305	5	58.90	123	19.90	1352.2	12.0	307	c/cs
26	331	0310	5	59.54	123	19.09	1353.2	11.7	308	GPS
26	331	0325	6	1.34	123	16.78	1356.1	11.5	308	GPS
26	331	0335	6	2.50	123	15.30	1358.0	10.6	309	c/cs
26	331	0340	6	3.09	123	14.57	1358.9	12.8	304	GPS
26	331	0342	6	3.33	123	14.21	1359.3	10.7	311	SF
26	331	0350	6	4.27	123	13.13	1360.8	10.9	309	GPS
26	331	0404	6	5.90	123	11.10	1363.3	10.9	304	c/cs
26	331	0410	6	6.48	123	10.23	1364.4	11.2	305	GPS
26	331	0410	6	6.50	123	10.20	1364.4	12.0	305	c/cs
26	331	0411	6	6.60	123	10.10	1364.6	11.1	304	c/cs
26	331	0416	6	7.10	123	9.30	1365.5	11.8	297	c/cs
26	331	0420	6	7.50	123	8.60	1366.3	11.5	298	c/cs
26	331	0421	6	7.60	123	8.40	1366.5	10.9	296	c/cs
26	331	0428	6	8.10	123	7.30	1367.8	11.2	306	c/cs
26	331	0440	6	9.43	123	5.43	1370.0	11.8	308	GPS
26	331	0454	6	11.10	123	3.20	1372.8	11.8	308	c/cs
26	331	0500	6	11.83	123	2.29	1374.0	11.5	305	GPS
26	331	0530	6	15.08	122	57.54	1379.7	11.8	305	GPS
26	331	0541	6	16.31	122	55.76	1381.9	12.0	301	GPS
26	331	0600	6	18.27	122	52.50	1385.7	12.3	301	GPS
26	331	0618	6	20.19	122	49.33	1389.3	12.2	304	GPS
26	331	0625	6	21.00	122	48.10	1390.8	12.1	305	c/cs
26	331	0626	6	21.10	122	48.00	1391.0	12.4	309	c/cs
26	331	0630	6	21.61	122	47.32	1391.8	12.4	310	GPS
26	331	0635	6	22.30	122	46.50	1392.8	12.8	310	c/cs
26	331	0636	6	22.40	122	46.40	1393.0	12.5	309	c/cs
26	331	0651	6	24.40	122	43.90	1396.2	12.3	305	c/cs
26	331	0700	6	25.44	122	42.42	1398.0	12.3	302	GPS
26	331	0709	6	26.40	122	40.80	1399.8	12.4	301	c/cs
26	331	0718	6	27.37	122	39.23	1401.7	12.2	299	GPS

26	331	0724	6	28.00	122	38.20	1402.9	12.5	299	c/cs
26	331	0725	6	28.10	122	38.00	1403.1	12.1	300	c/cs
26	331	0730	6	28.57	122	37.09	1404.1	12.4	300	GPS
26	331	0735	6	29.10	122	36.20	1405.2	12.5	303	c/cs
26	331	0743	6	30.00	122	34.78	1406.9	11.2	301	SF
26	331	0748	6	30.48	122	33.98	1407.8	12.2	301	GPS
26	331	0757	6	31.40	122	32.40	1409.6	12.3	300	c/cs
26	331	0800	6	31.71	122	31.86	1410.2	12.7	299	GPS
26	331	0810	6	32.70	122	30.00	1412.3	12.6	309	c/cs
26	331	0824	6	34.60	122	27.70	1415.3	11.6	309	SF
26	331	0827	6	35.00	122	27.20	1415.9	11.7	311	c/cs
26	331	0830	6	35.35	122	26.80	1416.5	12.8	312	GPS
26	331	0848	6	37.91	122	23.93	1420.3	12.9	312	GPS
26	331	0857	6	39.20	122	22.50	1422.2	12.8	313	c/cs
26	331	0900	6	39.64	122	22.00	1422.9	13.6	315	GPS
26	331	0909	6	41.10	122	20.50	1424.9	13.8	315	c/cs
26	331	0911	6	41.40	122	20.20	1425.4	13.7	314	c/cs
26	331	0930	6	44.38	122	17.05	1429.7	14.3	310	GPS
26	331	0931	6	44.50	122	16.90	1429.9	13.9	312	c/cs
26	331	0941	6	46.10	122	15.10	1432.2	14.1	299	c/cs
26	331	0942	6	46.20	122	14.90	1432.5	14.2	284	c/cs
26	331	0948	6	46.54	122	13.55	1433.9	13.7	285	GPS
26	331	1000	6	47.27	122	10.89	1436.6	14.7	285	GPS
26	331	1000	6	47.30	122	10.90	1436.6	14.6	285	c/cs
26	331	1002	6	47.40	122	10.40	1437.1	14.6	285	c/cs
26	331	1018	6	48.40	122	6.63	1441.0	15.0	283	GPS
26	331	1030	6	49.08	122	3.69	1444.0	15.2	284	GPS
26	331	1032	6	49.20	122	3.20	1444.5	15.2	285	c/cs
26	331	1056	6	50.70	121	57.30	1450.6	15.0	304	c/cs
26	331	1100	6	51.31	121	56.42	1451.6	14.4	309	GPS
26	331	1104	6	51.90	121	55.70	1452.6	14.9	310	c/cs
26	331	1105	6	52.10	121	55.50	1452.8	14.6	311	c/cs
26	331	1110	6	52.90	121	54.50	1454.0	15.1	328	c/cs
26	331	1113	6	53.50	121	54.10	1454.8	14.3	337	c/cs
26	331	1114	6	53.70	121	54.00	1455.0	14.6	334	c/cs
26	331	1128	6	56.80	121	52.60	1458.5	14.6	334	c/cs
26	331	1130	6	57.24	121	52.35	1458.9	14.5	339	GPS
26	331	1139	6	59.30	121	51.60	1461.1	14.5	347	c/cs
26	331	1201	7	4.50	121	50.40	1466.4	14.5	347	c/cs
26	331	1223	7	9.65	121	49.19	1471.8	12.3	351	SF
26	331	1231	7	11.30	121	48.90	1473.4	12.2	351	c/cs
26	331	1246	7	14.30	121	48.50	1476.4	12.6	350	c/cs
26	331	1316	7	20.50	121	47.40	1482.7	12.6	351	c/cs
26	331	1319	7	21.12	121	47.31	1483.4	11.6	348	SF
26	331	1337	7	24.50	121	46.60	1486.9	11.5	348	c/cs
26	331	1340	7	25.10	121	46.50	1487.4	4.6	355	c/cs
26	331	1343	7	25.30	121	46.50	1487.7	4.2	356	c/cs
26	331	1349	7	25.70	121	46.40	1488.1	4.9	352	c/cs
26	331	1411	7	27.51	121	46.18	1489.9	4.8	349	SF
26	331	1420	7	28.20	121	46.00	1490.6	4.5	349	c/cs
26	331	1434	7	29.20	121	45.90	1491.6	4.2	351	c/cs
26	331	1450	7	30.40	121	45.70	1492.8	4.4	7	c/cs
26	331	1507	7	31.60	121	45.82	1494.0	4.7	15	SF
26	331	1511	7	31.90	121	45.90	1494.3	4.6	14	c/cs
26	331	1514	7	32.10	121	46.00	1494.6	4.7	9	c/cs
26	331	1527	7	33.10	121	46.10	1495.6	4.5	2	c/cs
26	331	1534	7	33.65	121	46.14	1496.1	4.4	354	SF
26	331	1557	7	35.30	121	46.00	1497.8	4.5	336	c/cs
26	331	1627	7	37.40	121	45.00	1500.0	4.4	337	c/cs
26	331	1648	7	38.80	121	44.40	1501.6	4.4	349	c/us

26	331	1718	7	41.00	121	44.00	1503.8	4.3	348	c/cs
26	331	1723	7	41.33	121	43.92	1504.2	4.5	356	SF
26	331	1731	7	41.90	121	43.90	1504.8	4.8	357	c/cs
26	331	1737	7	42.40	121	43.90	1505.2	4.8	13	c/cs
26	331	1807	7	44.80	121	44.40	1507.6	4.7	6	c/cs
26	331	1813	7	45.20	121	44.50	1508.1	3.9	294	c/cs
26	331	1840	7	45.90	121	42.80	1509.9	4.0	294	c/cs
26	331	1845	7	46.08	121	42.54	1510.2	3.9	293	SF
26	331	1905	7	46.60	121	41.30	1511.5	4.0	293	c/cs
26	331	1911	7	46.70	121	41.00	1511.9	3.9	293	c/cs
26	331	1941	7	47.50	121	39.10	1513.9	3.9	300	c/cs
26	331	1957	7	48.00	121	38.20	1514.9	3.7	304	c/cs
26	331	2003	7	48.21	121	37.91	1515.3	4.6	270	SF
26	331	2010	7	48.30	121	37.40	1515.8	3.4	313	c/cs
26	331	2017	7	48.60	121	37.10	1516.2	5.0	284	c/cs
26	331	2024	7	48.70	121	36.50	1516.8	4.9	281	c/cs
26	331	2034	7	48.87	121	35.70	1517.6	3.5	296	SF
26	331	2041	7	49.00	121	35.30	1518.0	3.6	296	c/cs
26	331	2048	7	49.20	121	35.00	1518.4	3.3	290	c/cs
26	331	2102	7	49.60	121	34.30	1519.2	3.4	290	c/cs
26	331	2108	7	49.80	121	34.00	1519.6	3.0	310	c/cs
26	331	2138	7	50.80	121	32.80	1521.1	3.0	303	c/cs
26	331	2151	7	51.10	121	32.20	1521.7	3.4	297	c/cs
26	331	2157	7	51.30	121	31.90	1522.1	3.8	290	c/cs
26	331	2216	7	51.90	121	30.90	1523.3	3.7	296	c/cs
26	331	2236	7	52.41	121	29.76	1524.5	3.9	298	GPS
26	331	2241	7	52.56	121	29.47	1524.8	3.9	295	GPS
26	331	2246	7	52.70	121	29.17	1525.2	4.0	292	GPS
26	331	2246	7	52.70	121	29.20	1525.2	3.9	294	c/cs
26	331	2251	7	52.83	121	28.87	1525.5	3.5	297	GPS
26	331	2257	7	53.00	121	28.60	1525.8	3.8	296	c/cs
26	331	2300	7	53.07	121	28.38	1526.0	5.4	297	GPS
26	331	2301	7	53.11	121	28.30	1526.1	4.0	298	GPS
26	331	2305	7	53.20	121	28.10	1526.4	3.8	298	c/cs
26	331	2311	7	53.41	121	27.73	1526.8	3.9	297	GPS
26	331	2326	7	53.85	121	26.85	1527.7	2.7	294	GPS
26	331	2327	7	53.90	121	26.80	1527.8	2.6	298	c/cs
26	331	2331	7	53.95	121	26.65	1528.0	4.2	298	GPS
26	331	2341	7	54.28	121	26.02	1528.7	4.5	303	GPS
26	331	2344	7	54.40	121	25.80	1528.9	4.5	296	c/cs
26	331	2346	7	54.47	121	25.69	1529.0	5.2	301	GPS
26	331	2358	7	55.00	121	24.80	1530.1	5.2	298	c/cs
27	332	0000	7	55.09	121	24.63	1530.3	5.7	289	GPS
27	332	0000	7	55.10	121	24.60	1530.3	5.7	289	c/cs
27	332	0026	7	55.90	121	22.26	1532.7	5.6	293	GPS
27	332	0028	7	56.00	121	22.10	1532.9	5.5	293	c/cs
27	332	0031	7	56.08	121	21.83	1533.2	5.7	295	GPS
27	332	0036	7	56.28	121	21.39	1533.7	5.7	294	GPS
27	332	0041	7	56.47	121	20.95	1534.2	5.7	294	GPS
27	332	0046	7	56.66	121	20.51	1534.6	5.8	292	GPS
27	332	0051	7	56.84	121	20.06	1535.1	5.2	294	GPS
27	332	0058	7	57.10	121	19.50	1535.7	5.3	295	c/cs
27	332	0100	7	57.16	121	19.34	1535.9	6.3	294	GPS
27	332	0106	7	57.42	121	18.76	1536.5	5.7	292	GPS
27	332	0111	7	57.60	121	18.32	1537.0	5.7	294	GPS
27	332	0116	7	57.79	121	17.88	1537.5	5.6	294	GPS
27	332	0121	7	57.98	121	17.45	1537.9	5.7	295	GPS
27	332	0126	7	58.18	121	17.02	1538.4	4.5	295	GPS
27	332	0128	7	58.20	121	16.90	1538.6	4.4	297	c/cs
27	332	0130	7	58.31	121	16.75	1538.7	5.9	294	GPS

27	332	0136	7	58.55	121	16.20	1539.3	5.6	294	GPS
27	332	0141	7	58.74	121	15.77	1539.8	5.7	296	GPS
27	332	0146	7	58.95	121	15.34	1540.2	5.3	300	GPS
27	332	0148	7	59.00	121	15.20	1540.4	5.3	302	c/cs
27	332	0151	7	59.18	121	14.96	1540.7	5.3	303	GPS
27	332	0155	7	59.37	121	14.66	1541.0	4.5	293	SF
27	332	0200	7	59.52	121	14.31	1541.4	5.9	295	GPS
27	332	0201	7	59.60	121	14.20	1541.5	5.8	293	c/cs
27	332	0206	7	59.75	121	13.77	1542.0	5.4	295	GPS
27	332	0211	7	59.94	121	13.36	1542.4	5.3	294	GPS
27	332	0216	8	0.12	121	12.95	1542.9	5.1	294	GPS
27	332	0221	8	0.29	121	12.56	1543.3	5.4	294	GPS
27	332	0226	8	0.47	121	12.15	1543.8	4.3	295	GPS
27	332	0229	8	0.60	121	12.00	1544.0	4.4	301	c/cs
27	332	0230	8	0.60	121	11.89	1544.0	6.2	296	GPS
27	332	0236	8	0.87	121	11.33	1544.7	5.5	296	GPS
27	332	0241	8	1.07	121	10.92	1545.1	5.4	295	GPS
27	332	0246	8	1.26	121	10.51	1545.6	5.6	294	GPS
27	332	0248	8	1.30	121	10.30	1545.8	5.3	320	c/cs
27	332	0250	8	1.50	121	10.20	1545.9	5.4	268	c/cs
27	332	0251	8	1.47	121	10.13	1546.0	4.6	266	GPS
27	332	0251	8	1.50	121	10.10	1546.0	6.0	221	c/cs
27	332	0252	8	1.40	121	10.10	1546.1	6.4	176	c/cs
27	332	0253	8	1.30	121	10.10	1546.2	5.9	121	c/cs
27	332	0256	8	1.14	121	10.33	1546.5	4.4	132	GPS
27	332	0257	8	1.10	121	10.40	1546.6	3.9	118	c/cs
27	332	0300	8	1.00	121	10.56	1546.8	5.2	113	GPS
27	332	0301	8	1.00	121	10.60	1546.9	5.9	105	c/cs
27	332	0306	8	0.84	121	11.12	1547.4	6.0	110	GPS
27	332	0307	8	0.80	121	11.20	1547.5	5.9	127	c/cs
27	332	0311	8	0.57	121	11.53	1547.9	5.4	117	GPS
27	332	0313	8	0.50	121	11.70	1548.0	5.1	87	c/cs
27	332	0316	8	0.50	121	11.95	1548.3	3.6	85	GPS
27	332	0318	8	0.51	121	12.07	1548.4	5.7	101	SF
27	332	0318	8	0.50	121	12.10	1548.4	6.4	101	c/cs
27	332	0321	8	0.45	121	12.39	1548.7	4.2	81	GPS
27	332	0321	8	0.40	121	12.40	1548.7	4.4	124	c/cs
27	332	0325	8	0.30	121	12.60	1549.0	4.3	100	c/cs
27	332	0327	8	0.25	121	12.78	1549.2	5.3	103	GPS
27	332	0330	8	0.20	121	13.04	1549.4	6.0	111	GPS
27	332	0331	8	0.20	121	13.10	1549.5	5.6	126	c/cs
27	332	0332	8	0.11	121	13.21	1549.6	5.4	119	GPS
27	332	0337	7	59.89	121	13.61	1550.1	5.9	122	GPS
27	332	0342	7	59.83	121	14.03	1550.6	5.4	121	GPS
27	332	0347	7	59.40	121	14.42	1551.0	5.4	120	GPS
27	332	0349	7	59.30	121	14.60	1551.2	5.5	120	c/cs
27	332	0352	7	59.17	121	14.82	1551.5	7.2	104	GPS
27	332	0357	7	59.00	121	15.40	1552.1	4.8	171	c/cs
27	332	0400	7	58.79	121	15.45	1552.3	5.5	140	GPS
27	332	0402	7	58.65	121	15.57	1552.5	4.1	322	GPS
27	332	0407	7	58.92	121	15.36	1552.9	7.5	311	GPS
27	332	0412	7	59.33	121	14.88	1553.5	8.6	283	GPS
27	332	0417	7	59.49	121	14.18	1554.2	7.3	276	GPS
27	332	0422	7	59.55	121	13.57	1554.8	6.4	275	GPS
27	332	0430	7	59.62	121	12.71	1555.7	5.7	276	GPS
27	332	0432	7	59.64	121	12.52	1555.8	2.9	348	GPS
27	332	0437	7	59.88	121	12.47	1556.1	4.0	78	GPS
27	332	0442	7	59.95	121	12.80	1556.4	4.5	79	GPS
27	332	0447	8	0.02	121	13.17	1556.8	4.7	91	GPS
27	332	0452	8	0.01	121	13.57	1557.2	5.2	157	GPS

27	332	0455	7	59.80	121	13.70	1557.5	8.8	103	c/cs
27	332	0500	7	59.61	121	14.40	1558.2	6.3	116	GPS
27	332	0502	7	59.52	121	14.59	1558.4	6.2	118	GPS
27	332	0507	7	59.28	121	15.05	1558.9	6.3	120	GPS
27	332	0512	7	59.02	121	15.51	1559.4	5.9	120	GPS
27	332	0517	7	58.77	121	15.94	1559.9	6.3	114	GPS
27	332	0527	7	58.34	121	16.90	1561.0	6.5	110	GPS
27	332	0530	7	58.23	121	17.21	1561.3	6.4	114	GPS
27	332	0537	7	57.92	121	17.90	1562.1	5.4	133	GPS
27	332	0542	7	57.61	121	18.23	1562.5	6.3	114	GPS
27	332	0547	7	57.40	121	18.71	1563.0	7.2	108	GPS
27	332	0549	7	57.30	121	18.90	1563.3	6.6	136	c/cs
27	332	0551	7	57.20	121	19.10	1563.5	4.8	192	c/cs
27	332	0552	7	57.09	121	19.08	1563.6	6.1	209	GPS
27	332	0553	7	57.00	121	19.00	1563.7	6.1	268	c/cs
27	332	0555	7	57.00	121	18.80	1563.9	5.6	308	c/cs
27	332	0600	7	57.28	121	18.45	1564.3	7.3	314	GPS
27	332	0600	7	57.30	121	18.50	1564.3	6.6	321	c/cs
27	332	0602	7	57.45	121	18.31	1564.6	6.2	318	GPS
27	332	0605	7	57.70	121	18.10	1564.9	6.9	298	c/cs
27	332	0607	7	57.79	121	17.90	1565.1	6.3	296	GPS
27	332	0612	7	58.02	121	17.42	1565.6	5.8	295	GPS
27	332	0617	7	58.22	121	16.98	1566.1	5.6	297	GPS
27	332	0621	7	58.40	121	16.60	1566.5	5.5	295	c/cs
27	332	0622	7	58.43	121	16.56	1566.6	5.6	295	GPS
27	332	0630	7	58.75	121	15.88	1567.3	6.0	297	GPS
27	332	0632	7	58.84	121	15.70	1567.5	5.9	295	GPS
27	332	0637	7	59.05	121	15.25	1568.0	5.7	296	GPS
27	332	0642	7	59.26	121	14.82	1568.5	5.8	295	GPS
27	332	0647	7	59.46	121	14.38	1569.0	5.8	295	GPS
27	332	0648	7	59.50	121	14.30	1569.1	5.8	296	c/cs
27	332	0652	7	59.67	121	13.94	1569.4	6.0	297	GPS
27	332	0657	7	59.90	121	13.49	1569.9	5.3	297	GPS
27	332	0700	8	0.02	121	13.25	1570.2	6.4	298	GPS
27	332	0702	8	0.12	121	13.06	1570.4	5.7	299	GPS
27	332	0707	8	0.35	121	12.64	1570.9	5.7	297	GPS
27	332	0712	8	0.57	121	12.21	1571.4	5.7	296	GPS
27	332	0717	8	0.78	121	11.78	1571.9	5.7	298	GPS
27	332	0718	8	0.80	121	11.70	1571.9	5.8	295	c/cs
27	332	0722	8	0.99	121	11.34	1572.3	5.3	291	GPS
27	332	0730	8	1.25	121	10.67	1573.0	6.3	286	GPS
27	332	0731	8	1.30	121	10.60	1573.2	5.6	320	c/cs
27	332	0732	8	1.35	121	10.51	1573.2	5.6	333	GPS
27	332	0733	8	1.40	121	10.50	1573.3	5.3	342	c/cs
27	332	0735	8	1.60	121	10.40	1573.5	5.6	298	c/cs
27	332	0737	8	1.69	121	10.25	1573.7	6.2	286	GPS
27	332	0737	8	1.70	121	10.20	1573.7	7.0	241	c/cs
27	332	0739	8	1.60	121	10.00	1573.9	6.8	191	c/cs
27	332	0741	8	1.40	121	10.00	1574.2	5.5	134	c/cs
27	332	0742	8	1.29	121	10.07	1574.3	6.6	119	GPS
27	332	0743	8	1.20	121	10.20	1574.4	6.3	103	c/cs
27	332	0747	8	1.14	121	10.58	1574.8	5.5	109	GPS
27	332	0752	8	0.99	121	11.02	1575.2	4.3	101	GPS
27	332	0752	8	1.00	121	11.00	1575.2	5.0	112	c/cs
27	332	0800	8	0.74	121	11.64	1575.9	6.2	113	GPS
27	332	0802	8	0.66	121	11.83	1576.1	5.4	115	GPS
27	332	0806	8	0.50	121	12.20	1576.5	5.4	116	c/cs
27	332	0807	8	0.47	121	12.24	1576.6	5.5	116	GPS
27	332	0812	8	0.27	121	12.66	1577.0	5.5	116	GPS
27	332	0817	8	0.07	121	13.07	1577.5	5.3	116	GPS

27	332	0822	7	59.88	121	13.47	1577.9	4.9	114	GPS
27	332	0824	7	59.80	121	13.60	1578.1	4.5	114	c/cs
27	332	0827	7	59.72	121	13.83	1578.3	4.5	117	GPS
27	332	0830	7	59.62	121	14.03	1578.5	6.2	113	GPS
27	332	0832	7	59.54	121	14.22	1578.7	4.5	122	GPS
27	332	0837	7	59.34	121	14.54	1579.1	5.4	113	GPS
27	332	0840	7	59.20	121	14.80	1579.4	0.1	297	c/cs
27	332	2045	8	0.05	121	13.16	1581.2	0.0	222	768
30	335	1304	7	59.90	121	13.00	1581.4	0.4	40	c/cs
30	335	1328	8	0.00	121	13.20	1581.5	0.2	80	c/cs
30	335	1330	8	0.05	121	13.16	1581.5	2.5	149	768
30	335	1336	7	59.80	121	13.30	1581.8	3.8	136	c/cs
30	335	1342	7	59.60	121	13.60	1582.2	5.9	146	c/cs
30	335	1345	7	59.30	121	13.70	1582.5	7.9	149	c/cs
30	335	1351	7	58.60	121	14.10	1583.3	8.8	149	c/cs
30	335	1403	7	57.10	121	15.10	1585.0	14.3	148	c/cs
30	335	1419	7	53.90	121	17.10	1588.8	14.1	148	c/cs
30	335	1424	7	52.90	121	17.70	1590.0	13.5	149	c/cs
30	335	1426	7	52.51	121	17.94	1590.4	10.4	149	SF
30	335	1450	7	48.00	121	20.10	1594.6	10.5	148	c/cs
30	335	1451	7	48.80	121	20.20	1594.8	10.6	149	c/cs
30	335	1521	7	44.20	121	22.90	1600.1	10.7	149	c/cs
30	335	1549	7	39.90	121	25.50	1605.1	10.8	149	c/cs
30	335	1619	7	35.30	121	28.20	1610.5	10.7	143	c/cs
30	335	1649	7	31.00	121	31.50	1615.8	10.8	143	c/cs
30	335	1717	7	27.00	121	34.60	1620.9	11.2	144	c/cs
30	335	1730	7	25.00	121	36.00	1623.3	10.9	145	c/cs
30	335	1736	7	24.10	121	36.60	1624.4	10.7	144	c/cs
30	335	1806	7	19.80	121	39.80	1629.7	10.8	145	c/cs
30	335	1836	7	15.40	121	42.90	1635.1	10.6	146	c/cs
30	335	1850	7	13.30	121	44.30	1637.6	10.7	153	c/cs
30	335	1905	7	10.91	121	45.53	1640.3	8.2	162	SF
30	335	1916	7	9.50	121	46.00	1641.8	8.8	176	c/cs
30	335	1939	7	6.10	121	46.20	1645.2	8.6	174	c/cs
30	335	1945	7	5.30	121	46.30	1646.0	9.0	175	c/cs
30	335	1950	7	4.51	121	46.38	1646.8	4.2	160	SF
30	335	1958	7	4.00	121	46.60	1647.4	3.7	166	c/cs
30	335	2001	7	3.80	121	46.60	1647.5	4.4	166	c/cs
30	335	2013	7	2.90	121	46.80	1648.4	4.3	166	c/cs
30	335	2014	7	2.90	121	46.90	1648.5	4.3	163	c/cs
30	335	2015	7	2.81	121	46.88	1648.6	12.6	159	SF
30	335	2043	6	57.30	121	49.00	1654.5	12.5	159	c/cs
30	335	2109	6	52.30	121	51.00	1659.9	5.5	121	c/cs
30	335	2125	6	51.50	121	52.20	1661.3	5.7	124	c/cs
30	335	2131	6	51.20	121	52.70	1661.9	5.7	123	c/cs
30	335	2141	6	50.70	121	53.50	1662.9	5.8	123	c/cs
30	335	2149	6	50.20	121	54.20	1663.6	5.5	113	c/cs
30	335	2154	6	50.10	121	54.60	1664.1	4.0	41	c/cs
30	335	2157	6	50.20	121	54.70	1664.3	4.0	2	c/cs
30	335	2225	6	52.10	121	54.80	1666.2	3.3	2	c/cs
30	335	2330	6	55.70	121	54.90	1669.7	10.0	328	c/cs
30	335	2352	6	58.81	121	52.94	1673.4	10.9	328	SF
1 Dec	336	0000	7	0.00	121	52.10	1674.9	11.3	326	c/cs
1	336	0005	7	0.80	121	51.60	1675.8	11.2	326	c/cs
1	335	0022	7	3.40	121	49.80	1679.0	11.1	327	c/cs
1	336	0038	7	5.90	121	48.10	1681.9	11.0	338	c/cs
1	336	0044	7	6.90	121	47.70	1683.0	11.0	342	c/cs
1	336	0052	7	8.30	121	47.20	1684.5	11.2	326	c/cs
1	336	0100	7	9.50	121	46.40	1686.0	12.0	324	SF
1	336	0111	7	11.30	121	45.10	1688.2	11.9	323	c/cs

1	336	0131	7	14.50	121	42.70	1692.2	11.9	323	c/cs
1	336	0133	7	14.80	121	42.50	1692.6	12.2	323	c/cs
1	336	0158	7	18.90	121	39.40	1697.6	11.8	324	c/cs
1	336	0200	7	19.19	121	39.20	1698.0	11.9	324	SF
1	336	0206	7	20.20	121	38.50	1699.2	12.0	328	c/cs
1	336	0230	7	24.22	121	35.94	1704.0	11.8	327	SF
1	336	0236	7	25.20	121	35.30	1705.2	11.8	327	c/cs
1	336	0256	7	28.50	121	33.10	1709.1	12.2	327	c/cs
1	336	0257	7	28.70	121	33.00	1709.3	12.0	327	c/cs
1	336	0300	7	29.20	121	32.70	1709.9	11.4	328	SF
1	336	0323	7	32.90	121	30.30	1714.3	11.1	328	c/cs
1	336	0324	7	33.10	121	30.20	1714.5	11.3	328	c/cs
1	336	0330	7	34.01	121	29.63	1715.6	11.4	327	SF
1	336	0354	7	37.80	121	27.10	1720.2	11.4	327	c/cs
1	336	0400	7	38.80	121	26.50	1721.3	11.7	327	SF
1	336	0424	7	42.70	121	24.00	1726.0	11.8	328	c/cs
1	336	0430	7	43.73	121	23.33	1727.2	11.7	327	SF
1	336	0442	7	45.70	121	22.00	1729.5	11.8	327	c/cs
1	336	0444	7	46.00	121	21.80	1729.9	11.8	327	c/cs
1	336	0500	7	48.64	121	20.08	1733.1	12.0	326	SF
1	336	0508	7	50.00	121	19.20	1734.7	11.9	326	c/cs
1	336	0524	7	52.60	121	17.40	1737.8	11.9	326	c/cs
1	336	0530	7	53.60	121	16.76	1739.0	11.7	326	SF
1	336	0538	7	54.90	121	15.90	1740.6	11.6	326	c/cs
1	336	0550	7	56.80	121	14.60	1742.9	11.9	316	c/cs
1	336	0600	7	58.25	121	13.20	1744.9	12.5	321	SF
1	336	0600	7	58.30	121	13.20	1744.9	7.4	323	c/cs
1	336	0605	7	58.70	121	12.80	1745.5	6.6	338	c/cs
1	336	0606	7	58.80	121	12.80	1745.6	5.1	12	c/cs
1	336	0610	7	59.20	121	12.90	1745.9	3.2	12	c/cs
1	336	0615	7	59.40	121	12.90	1746.2	2.2	9	c/cs
1	336	0630	7	59.99	121	13.00	1746.8	1.4	37	SF
1	336	0634	8	0.10	121	13.10	1746.9	9.3	43	c/cs
1	336	0635	8	0.20	121	13.20	1747.0	0.7	43	c/cs
1	336	0642	8	0.20	121	13.20	1747.1	5.2	44	c/cs
1	336	0643	8	0.30	121	13.30	1747.2	0.1	52	c/cs
1	336	0707	8	0.30	121	13.30	1747.2	0.1	43	c/cs
1	336	0715	8	0.30	121	13.30	1747.2	0.1	209	c/cs
1	336	1000	8	0.05	121	13.16	1747.5	0.0	324	768C
12	347	2302	8	0.20	121	13.10	1747.7	7.6	144	c/cs
12	347	2303	8	0.05	121	13.16	1747.8	10.2	144	768C
12	347	2312	7	58.80	121	14.10	1749.3	14.7	144	c/cs
12	347	2316	7	58.00	121	14.60	1750.3	14.7	144	c/cs
12	347	2317	7	57.80	121	14.80	1750.5	14.8	145	c/cs
12	347	2318	7	57.60	121	14.90	1750.8	14.6	145	c/cs
12	347	2323	7	56.60	121	15.60	1752.0	15.1	145	c/cs
12	347	2325	7	56.20	121	15.90	1752.5	14.7	145	c/cs
12	347	2330	7	55.20	121	16.64	1753.7	13.8	139	GPS
12	347	2333	7	54.70	121	17.10	1754.4	14.4	139	c/cs
12	347	2335	7	54.30	121	17.40	1754.9	14.1	139	c/cs
12	347	2336	7	54.10	121	17.60	1755.1	14.1	139	c/cs
12	347	2337	7	54.00	121	17.70	1755.4	14.3	139	c/cs
12	347	2338	7	53.78	121	17.89	1755.6	12.0	147	GPS
12	347	2338	7	53.80	121	17.90	1755.6	12.0	147	c/cs
12	347	2345	7	52.60	121	18.70	1757.0	11.4	147	c/cs
12	347	2351	7	51.60	121	19.30	1758.2	12.3	147	c/cs
13	348	0000	7	50.09	121	20.28	1760.0	12.5	146	GPS
13	348	0000	7	50.10	121	20.30	1760.0	12.5	146	c/cs
13	348	0004	7	49.40	121	20.70	1760.8	11.8	149	c/cs
13	348	0007	7	48.90	121	21.10	1761.4	12.2	149	c/cs

13	348	0011	7	48.20	121	21.50	1762.2	12.0	148	c/cs
13	348	0013	7	47.90	121	21.70	1762.6	11.7	148	c/cs
13	348	0014	7	47.70	121	21.80	1762.8	12.2	148	c/cs
13	348	0015	7	47.50	121	21.90	1763.0	11.9	149	c/cs
13	348	0019	7	46.80	121	22.30	1763.8	11.9	149	c/cs
13	348	0028	7	45.30	121	23.30	1765.6	12.4	149	c/cs
13	348	0030	7	44.97	121	23.49	1766.0	13.0	148	GPS
13	348	0030	7	45.00	121	23.50	1766.0	12.9	149	c/cs
13	348	0033	7	44.40	121	23.80	1766.7	12.5	148	c/cs
13	348	0038	7	43.53	121	24.39	1767.7	12.2	148	GPS
13	348	0049	7	41.60	121	25.60	1770.0	12.1	148	c/cs
13	348	0059	7	39.90	121	26.70	1772.0	12.5	147	c/cs
13	348	0100	7	39.76	121	26.80	1772.2	13.5	147	GPS
13	348	0100	7	39.80	121	26.80	1772.2	12.9	147	c/cs
13	348	0108	7	38.31	121	27.74	1773.9	12.6	147	GPS
13	348	0115	7	37.10	121	28.50	1775.4	12.7	147	c/cs
13	348	0126	7	35.10	121	29.80	1777.7	12.6	148	c/cs
13	348	0127	7	34.90	121	29.90	1777.9	12.8	147	c/cs
13	348	0130	7	34.41	121	30.28	1778.6	12.9	148	GPS
13	348	0157	7	29.50	121	33.40	1784.4	12.8	148	c/cs
13	348	0200	7	28.97	121	33.75	1785.0	13.0	148	GPS
13	348	0202	7	28.60	121	34.00	1785.4	13.7	148	c/cs
13	348	0203	7	28.40	121	34.10	1785.7	13.1	148	c/cs
13	348	0208	7	27.48	121	34.69	1786.8	12.7	149	GPS
13	348	0216	7	26.03	121	35.57	1788.4	12.5	149	SF
13	348	0230	7	23.54	121	37.09	1791.4	13.0	149	GPS
13	348	0231	7	23.40	121	37.20	1791.6	13.0	149	c/cs
13	348	0238	7	22.05	121	38.00	1793.1	12.6	149	GPS
13	348	0258	7	18.40	121	40.20	1797.3	12.7	149	c/cs
13	348	0300	7	18.08	121	40.39	1797.7	12.7	149	GPS
13	348	0324	7	13.70	121	43.00	1802.8	12.6	149	c/cs
13	348	0325	7	13.50	121	43.10	1803.0	12.9	149	c/cs
13	348	0330	7	12.60	121	43.67	1804.1	12.5	149	GPS
13	348	0333	7	12.10	121	44.00	1804.7	12.4	149	c/cs
13	348	0334	7	11.90	121	44.10	1804.9	12.4	149	c/cs
13	348	0342	7	10.50	121	45.00	1806.6	12.8	149	c/cs
13	348	0343	7	10.30	121	45.10	1806.8	12.5	149	c/cs
13	348	0400	7	7.26	121	46.92	1810.3	11.8	146	GPS
13	348	0403	7	6.80	121	47.20	1810.9	11.8	143	c/cs
13	348	0409	7	5.80	121	48.00	1812.1	11.4	144	c/cs
13	348	0410	7	5.70	121	48.10	1812.3	11.9	143	c/cs
13	348	0430	7	2.52	121	50.49	1816.3	13.1	141	GPS
13	348	0438	7	1.15	121	51.59	1818.0	10.6	145	GPS
13	348	0440	7	0.90	121	51.80	1818.4	10.7	145	c/cs
13	348	0456	6	58.50	121	53.50	1821.2	10.6	145	c/cs
13	348	0500	6	57.96	121	53.86	1821.9	11.3	149	GPS
13	348	0523	6	54.20	121	56.10	1826.2	11.1	142	c/cs
13	348	0524	6	54.10	121	56.20	1826.4	6.3	57	c/cs
13	348	0525	6	54.20	121	56.30	1826.5	6.3	0	c/cs
13	348	0528	6	54.50	121	56.30	1826.8	5.0	28	c/cs
13	348	0529	6	54.50	121	56.40	1826.9	3.9	76	c/cs
13	348	0530	6	54.56	121	56.42	1827.0	4.2	60	GPS
13	348	0530	6	54.60	121	56.40	1827.0	3.3	125	c/cs
13	348	0532	6	54.50	121	56.50	1827.1	5.7	156	c/cs
13	348	0534	6	54.30	121	56.60	1827.3	10.0	160	c/cs
13	348	0536	6	54.00	121	56.70	1827.6	9.4	163	c/cs
13	348	0538	6	53.70	121	56.80	1828.0	9.8	141	c/cs
13	348	0542	6	53.20	121	57.20	1828.6	9.8	129	c/cs
13	348	0547	6	52.70	121	57.80	1829.4	9.9	127	c/cs
13	348	0552	6	52.20	121	58.50	1830.2	10.3	127	c/cs

13	348	0600	6	51.36	121	59.61	1831.6	10.0	111	GPS
13	348	0608	6	50.88	122	0.87	1833.0	9.0	97	GPS
13	348	0630	6	50.45	122	4.16	1836.2	6.8	133	GPS
13	348	0630	6	50.40	122	4.20	1836.2	4.8	54	c/cs
13	348	0700	6	51.87	122	6.13	1838.7	6.8	85	GPS
13	348	0708	6	52.00	122	7.00	1839.6	2.4	289	c/cs
13	348	0713	6	52.00	122	6.90	1839.8	7.5	290	c/cs
13	348	0721	6	52.30	122	5.90	1840.8	6.7	291	c/cs
13	348	0730	6	52.71	122	4.96	1841.8	1.5	285	GPS
13	348	0738	6	52.76	122	4.77	1842.0	2.0	270	GPS
13	348	0740	6	52.80	122	4.70	1842.0	2.5	317	c/cs
13	348	0747	6	53.00	122	4.50	1842.3	3.1	309	c/cs
13	348	0755	6	53.20	122	4.20	1842.7	2.9	288	c/cs
13	348	0800	6	53.31	122	3.95	1843.0	4.9	302	GPS
13	348	0804	6	53.50	122	3.70	1843.3	6.0	292	c/cs
13	348	0806	6	53.60	122	3.50	1843.5	8.4	291	c/cs
13	348	0808	6	53.70	122	3.20	1843.8	4.7	293	c/cs
13	348	0809	6	53.70	122	3.10	1843.9	10.6	289	c/cs
13	348	0813	6	53.90	122	2.50	1844.6	10.6	285	c/cs
13	348	0820	6	54.20	122	1.30	1845.8	10.1	296	c/cs
13	348	0822	6	54.40	122	1.00	1846.1	10.5	285	c/cs
13	348	0827	6	54.60	122	0.10	1847.0	10.6	288	c/cs
13	348	0830	6	54.79	121	59.61	1847.5	12.1	290	GPS
13	348	0830	6	54.80	121	59.60	1847.5	12.1	298	c/cs
13	348	0832	6	55.00	121	59.30	1848.0	12.0	297	c/cs
13	348	0838	6	55.53	121	58.17	1849.2	11.5	300	GPS
13	348	0900	6	57.62	121	54.47	1853.4	10.3	299	GPS
13	348	0907	6	58.20	121	53.40	1854.6	11.8	339	c/cs
13	348	0910	6	58.70	121	53.20	1855.2	12.0	349	c/cs
13	348	0913	6	59.30	121	53.10	1855.8	12.0	348	c/cs
13	348	0930	7	2.66	121	52.33	1859.2	11.7	344	GPS
13	348	0932	7	3.00	121	52.20	1859.6	11.5	345	c/cs
13	348	1000	7	8.23	121	50.81	1865.0	11.5	343	GPS
13	348	1002	7	8.60	121	50.70	1865.3	11.5	343	c/cs
13	348	1030	7	13.76	121	49.15	1870.7	11.7	341	GPS
13	348	1032	7	14.10	121	49.00	1871.1	11.4	341	c/cs
13	348	1035	7	14.70	121	48.80	1871.7	11.7	341	c/cs
13	348	1104	7	20.01	121	47.04	1877.3	11.6	342	SF
13	348	1104	7	20.00	121	47.00	1877.3	11.7	342	c/cs
13	348	1121	7	23.10	121	46.00	1880.6	11.6	342	c/cs
13	348	1127	7	24.30	121	45.60	1881.8	11.5	349	c/cs
13	348	1130	7	24.80	121	45.50	1882.4	11.7	348	c/cs
13	348	1200	7	30.50	121	44.30	1888.2	11.9	348	c/cs
13	348	1215	7	33.45	121	43.65	1891.2	11.8	349	SF
13	348	1216	7	33.60	121	43.60	1891.4	11.8	349	c/cs
13	348	1235	7	37.30	121	42.90	1895.1	11.1	348	c/cs
13	348	1242	7	38.60	121	42.60	1896.4	10.6	348	c/cs
13	348	1243	7	38.70	121	42.60	1896.6	11.3	348	c/cs
13	348	1307	7	43.15	121	41.58	1901.1	11.8	350	SF
13	348	1313	7	44.30	121	41.40	1902.3	11.9	350	c/cs
13	348	1329	7	47.40	121	40.80	1905.4	11.9	350	c/cs
13	348	1356	7	52.70	121	39.80	1910.8	11.9	350	c/cs
13	348	1403	7	54.04	121	39.60	1912.2	11.8	351	SF
13	348	1424	7	58.10	121	38.90	1916.3	11.8	351	c/cs
13	348	1430	7	59.28	121	38.75	1917.5	11.3	348	SF
13	348	1441	8	1.30	121	38.30	1919.6	11.1	349	c/cs
13	348	1442	8	1.50	121	38.30	1919.7	11.4	348	c/cs
13	348	1509	8	6.50	121	37.10	1924.9	11.3	348	c/cs
13	348	1517	8	8.00	121	36.80	1926.4	11.2	349	c/cs
13	348	1530	8	10.40	121	36.30	1928.8	11.5	349	c/cs

13	348	1534	8	11.10	121	36.20	1929.6	10.4	348	c/cs
13	348	1536	8	11.40	121	36.10	1929.9	11.5	348	c/cs
13	348	1606	8	17.10	121	34.90	1935.7	11.3	349	c/cs
13	348	1619	8	19.46	121	34.37	1938.1	9.4	348	SF
13	348	1621	8	19.80	121	34.30	1938.4	9.4	351	c/cs
13	348	1646	8	23.70	121	33.70	1942.4	9.5	351	c/cs
13	348	1702	8	26.20	121	33.30	1944.9	9.5	350	c/cs
13	348	1721	8	29.10	121	32.70	1947.9	9.1	333	c/cs
13	348	1722	8	29.30	121	32.70	1948.1	9.8	315	c/cs
13	348	1723	8	29.40	121	32.50	1948.2	9.7	324	c/cs
13	348	1728	8	30.00	121	32.10	1949.0	9.8	321	c/cs
13	348	1735	8	30.90	121	31.30	1950.2	9.9	320	c/cs
13	348	1802	8	34.30	121	28.40	1954.7	9.9	320	c/cs
13	348	1812	8	35.60	121	27.30	1956.3	8.3	320	c/cs
13	348	1816	8	36.00	121	27.00	1956.9	6.8	318	c/cs
13	348	1827	8	37.00	121	26.10	1958.1	6.4	317	c/cs
13	348	1832	8	37.40	121	25.80	1958.6	6.6	316	c/cs
13	348	1835	8	37.60	121	25.60	1959.0	6.4	317	c/cs
13	348	1843	8	38.20	121	25.00	1959.8	6.4	316	c/cs
13	348	1852	8	38.90	121	24.30	1960.8	5.9	317	c/cs
13	348	1855	8	39.10	121	24.10	1961.1	6.4	317	c/cs
13	348	1911	8	40.40	121	22.90	1962.8	5.9	317	c/cs
13	348	1916	8	40.70	121	22.60	1963.3	6.4	317	c/cs
13	348	1935	8	42.20	121	22.20	1965.3	6.1	317	c/cs
13	348	1940	8	42.60	121	20.80	1965.8	6.3	317	c/cs
13	348	2010	8	44.90	121	18.70	1969.0	6.1	317	c/cs
13	348	2038	8	47.00	121	16.70	1971.8	6.0	318	c/cs
13	348	2044	8	47.42	121	16.31	1972.4	6.4	315	SF
13	348	2101	8	48.70	121	15.00	1974.2	5.0	354	c/cs
13	348	2102	8	48.80	121	15.00	1974.3	4.4	37	c/cs
13	348	2103	8	48.80	121	15.00	1974.4	4.6	74	c/cs
13	348	2104	8	48.90	121	15.10	1974.4	6.7	103	c/cs
13	348	2112	8	48.70	121	16.00	1975.3	7.0	103	c/cs
13	348	2128	8	48.20	121	17.80	1977.2	5.7	109	c/cs
13	348	2137	8	48.00	121	18.70	1978.0	4.9	96	c/cs
13	348	2139	8	47.95	121	18.82	1978.2	4.2	86	GPS
13	348	2150	8	48.00	121	19.60	1979.0	4.5	90	c/cs
13	348	2200	8	48.00	121	20.36	1979.7	4.4	90	GPS
13	348	2220	8	48.00	121	21.80	1981.2	4.3	90	c/cs
13	348	2230	8	48.00	121	22.57	1981.9	4.4	93	GPS
13	348	2239	8	47.97	121	23.24	1982.6	4.2	68	GPS
13	348	2245	8	48.10	121	23.60	1983.0	4.7	73	c/cs
13	348	2251	8	48.30	121	24.10	1983.5	2.2	67	c/cs
13	348	2253	8	48.30	121	24.20	1983.6	4.9	73	c/cs
13	348	2255	8	48.30	121	24.30	1983.7	2.9	71	c/cs
13	348	2258	8	48.40	121	24.50	1983.9	5.5	74	c/cs
13	348	2302	8	48.49	121	24.81	1984.2	6.7	90	SF
13	348	2304	8	48.50	121	25.00	1984.4	7.9	87	c/cs
13	348	2306	8	48.50	121	25.30	1984.7	5.9	92	c/cs
13	348	2326	8	48.40	121	27.30	1986.7	5.4	94	c/cs
13	348	2336	8	48.40	121	28.20	1987.6	6.3	91	c/cs
13	348	2338	8	48.40	121	28.40	1987.8	3.1	108	c/cs
13	348	2339	8	48.40	121	28.60	1987.8	5.8	94	c/cs
13	348	2351	8	48.30	121	29.60	1989.0	3.8	105	c/cs
13	348	2353	8	48.24	121	29.77	1989.1	2.8	91	SF
13	348	2353	8	48.20	121	29.80	1989.1	1.9	347	c/cs
13	348	2355	8	48.30	121	29.80	1989.2	4.4	297	c/cs
13	348	2357	8	48.40	121	29.60	1989.3	6.7	272	c/cs
13	348	2359	8	48.40	121	29.40	1989.6	8.3	277	c/cs
14	349	0000	8	48.39	121	29.26	1989.7	7.5	274	GPS

14	349	0000	8	48.40	121	29.30	1989.7	7.5	274	c/cs
14	349	0004	8	48.40	121	28.80	1990.2	6.5	273	c/cs
14	349	0009	8	48.45	121	28.20	1990.8	6.4	272	GPS
14	349	0010	8	48.50	121	28.10	1990.9	5.7	276	c/cs
14	349	0014	8	48.50	121	27.70	1991.2	4.8	290	c/cs
14	349	0018	8	48.60	121	27.40	1991.6	5.6	251	c/cs
14	349	0020	8	48.50	121	27.20	1991.7	6.2	212	c/cs
14	349	0024	8	48.20	121	27.00	1992.2	5.3	243	c/cs
14	349	0025	8	48.20	121	26.90	1992.3	4.3	283	c/cs
14	349	0029	8	48.20	121	26.60	1992.5	4.3	298	c/cs
14	349	0030	8	48.25	121	26.58	1992.6	4.4	297	GPS
14	349	0034	8	48.40	121	26.30	1992.9	6.0	280	c/cs
14	349	0038	8	48.50	121	25.90	1993.3	6.4	276	c/cs
14	349	0047	8	48.60	121	25.00	1994.3	6.6	263	c/cs
14	349	0057	8	48.40	121	23.80	1995.4	6.8	258	c/cs
14	349	0101	8	48.30	121	23.40	1995.8	6.6	271	c/cs
14	349	0109	8	48.35	121	22.50	1996.7	6.3	273	GPS
14	349	0111	8	48.40	121	22.30	1996.9	6.5	262	c/cs
14	349	0119	8	48.20	121	21.40	1997.8	6.2	276	c/cs
14	349	0129	8	48.30	121	20.40	1998.8	6.5	268	c/cs
14	349	0130	8	48.33	121	20.28	1998.9	7.1	268	GPS
14	349	0139	8	48.30	121	19.20	2000.0	6.6	269	GPS
14	349	0140	8	48.30	121	19.10	2000.1	6.2	282	c/cs
14	349	0145	8	48.40	121	18.60	2000.6	6.5	259	c/cs
14	349	0149	8	48.30	121	18.20	2001.0	6.5	270	c/cs
14	349	0200	8	48.33	121	16.95	2002.2	7.2	271	GPS
14	349	0207	8	48.30	121	16.10	2003.1	7.4	269	c/cs
14	349	0209	8	48.34	121	15.85	2003.3	6.5	276	GPS
14	349	0216	8	48.40	121	15.10	2004.1	6.6	267	c/cs
14	349	0230	8	48.35	121	13.53	2005.6	7.9	259	GPS
14	349	0239	8	48.10	121	12.40	2006.8	7.0	268	c/cs
14	349	0240	8	48.10	121	12.20	2006.9	6.3	296	c/cs
14	349	0241	8	48.20	121	12.10	2007.0	4.2	330	c/cs
14	349	0243	8	48.30	121	12.10	2007.2	4.2	351	c/cs
14	349	0249	8	48.70	121	12.00	2007.6	4.8	349	c/cs
14	349	0300	8	49.56	121	11.83	2008.4	5.2	341	GPS
14	349	0319	8	51.10	121	11.30	2010.1	5.3	341	c/cs
14	349	0331	8	52.10	121	10.90	2011.2	4.9	350	c/cs
14	349	0337	8	52.60	121	10.80	2011.6	4.0	0	c/cs
14	349	0342	8	52.90	121	10.80	2012.0	2.6	83	c/cs
14	349	0344	8	52.90	121	10.90	2012.1	4.7	142	c/cs
14	349	0353	8	52.40	121	11.40	2012.8	5.1	143	c/cs
14	349	0400	8	51.91	121	11.73	2013.4	3.4	143	GPS
14	349	0402	8	51.82	121	11.80	2013.5	4.8	137	SF
14	349	0402	8	51.80	121	11.80	2013.5	4.4	122	c/cs
14	349	0409	8	51.55	121	12.24	2014.0	3.4	120	GPS
14	349	0430	8	50.96	121	13.28	2015.2	3.5	125	GPS
14	349	0431	8	50.90	121	13.30	2015.2	3.5	133	c/cs
14	349	0437	8	50.70	121	13.60	2015.6	3.8	132	c/cs
14	349	0446	8	50.30	121	14.00	2016.2	3.7	130	c/cs
14	349	0458	8	49.80	121	14.60	2016.9	3.8	132	c/cs
14	349	0500	8	49.75	121	14.68	2017.0	4.0	132	GPS
14	349	0513	8	49.20	121	15.30	2017.9	4.4	134	c/cs
14	349	0524	8	48.60	121	15.92	2018.7	4.1	133	SF
14	349	0525	8	48.60	121	16.00	2018.8	4.1	125	c/cs
14	349	0530	8	48.36	121	16.25	2019.1	4.5	127	GPS
14	349	0540	8	47.91	121	16.86	2019.9	4.6	126	GPS
14	349	0545	8	47.70	121	17.20	2020.2	4.8	132	c/cs
14	349	0600	8	46.89	121	18.07	2021.4	5.0	133	GPS
14	349	0610	8	46.32	121	18.69	2022.3	5.8	133	GPS

14	349	0614	8	46.10	121	19.00	2022.7	5.8	127	c/cs
14	349	0617	8	45.90	121	19.20	2022.9	6.2	161	c/cs
14	349	0619	8	45.70	121	19.30	2023.2	7.1	173	c/cs
14	349	0621	8	45.50	121	19.30	2023.4	5.2	132	c/cs
14	349	0622	8	45.40	121	19.40	2023.5	4.0	96	c/cs
14	349	0623	8	45.40	121	19.40	2023.5	2.6	40	c/cs
14	349	0625	8	45.50	121	19.50	2023.6	3.7	334	c/cs
14	349	0627	8	45.60	121	19.40	2023.8	6.1	307	c/cs
14	349	0630	8	45.75	121	19.20	2024.1	5.2	303	GPS
14	349	0630	8	45.70	121	19.20	2024.1	4.0	345	c/cs
14	349	0634	8	46.00	121	19.10	2024.3	4.2	345	c/cs
14	349	0637	8	46.20	121	19.10	2024.5	5.2	316	c/cs
14	349	0642	8	46.50	121	18.80	2025.0	6.5	295	c/cs
14	349	0648	8	46.80	121	18.20	2025.6	5.8	306	c/cs
14	349	0654	8	47.10	121	17.70	2026.2	5.7	308	c/cs
14	349	0700	8	47.49	121	17.24	2026.8	6.1	304	GPS
14	349	0701	8	47.50	121	17.20	2026.9	5.9	305	c/cs
14	349	0710	8	48.06	121	16.42	2027.8	4.7	123	GPS
14	349	0730	8	47.22	121	17.75	2029.3	6.3	327	769
14	349	0730	8	47.20	121	17.70	2029.3	0.0	90	c/cs
18	353	1135	8	47.22	121	17.75	2029.3	3.1	175	769
18	353	1135	8	47.20	121	17.70	2029.3	7.9	158	c/cs
18	353	1159	8	44.30	121	19.00	2032.5	10.4	167	c/cs
18	353	1207	8	43.00	121	19.30	2033.9	11.2	166	c/cs
18	353	1228	8	39.20	121	20.30	2037.8	11.6	166	c/cs
18	353	1244	8	36.20	121	21.00	2040.9	12.1	166	c/cs
18	353	1314	8	30.30	121	22.50	2046.9	12.1	166	c/cs
18	353	1318	8	29.50	121	22.70	2047.7	12.1	166	c/cs
18	353	1328	8	27.60	121	23.20	2049.7	12.2	166	c/cs
18	353	1359	8	21.40	121	24.70	2056.0	12.2	166	c/cs
18	353	1419	8	17.50	121	25.70	2060.1	12.2	166	c/cs
18	353	1450	8	11.40	121	27.30	2066.4	12.2	166	c/cs
18	353	1459	8	9.60	121	27.70	2068.3	11.9	166	c/cs
18	353	1510	8	7.50	121	28.30	2070.4	12.0	166	c/cs
18	353	1540	8	1.60	121	29.70	2076.4	12.0	166	c/cs
18	353	1551	7	59.50	121	30.30	2078.6	12.2	166	c/cs
18	353	1601	7	57.50	121	30.80	2080.7	12.2	166	c/cs
18	353	1611	7	55.57	121	31.25	2082.7	12.2	161	SF
18	353	1631	7	51.70	121	32.60	2086.8	12.3	161	c/cs
18	353	1645	7	49.00	121	33.60	2089.6	12.3	157	c/cs
18	353	1702	7	45.80	121	34.90	2093.1	12.2	157	c/cs
18	353	1732	7	40.20	121	37.40	2099.2	12.2	157	c/cs
18	353	1753	7	36.30	121	39.10	2103.5	12.3	156	c/cs
18	353	1813	7	32.50	121	40.70	2107.6	12.4	157	c/cs
18	353	1829	7	29.50	121	42.05	2110.9	11.3	159	SF
18	353	1833	7	28.80	121	42.30	2111.6	11.3	159	c/cs
18	353	1842	7	27.20	121	42.90	2113.3	16.6	159	c/cs
18	353	1843	7	27.00	121	43.00	2113.6	12.3	158	c/cs
18	353	1855	7	24.70	121	43.90	2116.1	10.8	159	c/cs
18	353	1858	7	24.20	121	44.10	2116.6	16.3	159	c/cs
18	353	1859	7	23.90	121	44.20	2116.9	12.7	159	c/cs
18	353	1901	7	23.50	121	44.40	2117.3	9.6	159	c/cs
18	353	1907	7	22.60	121	44.70	2118.3	9.0	159	c/cs
18	353	1914	7	21.60	121	45.10	2119.3	8.9	159	c/cs
18	353	1926	7	19.97	121	45.77	2121.1	7.5	159	SF
18	353	1933	7	19.20	121	46.10	2122.0	8.5	160	c/cs
18	353	1935	7	18.90	121	46.20	2122.3	7.6	159	c/cs
18	353	1941	7	18.20	121	46.50	2123.0	9.5	160	c/cs
18	353	2002	7	15.10	121	47.60	2126.3	6.0	160	c/cs
18	353	2005	7	14.80	121	47.70	2126.6	5.8	160	c/cs

18	353	2006	7	14.70	121	47.70	2126.7	9.5	159	c/cs
18	353	2014	7	13.50	121	48.17	2128.0	8.5	156	SF
18	353	2033	7	11.00	121	49.30	2130.7	8.6	156	c/cs
18	353	2041	7	10.00	121	49.80	2131.9	8.5	159	c/cs
18	353	2043	7	9.71	121	49.86	2132.2	8.3	159	SF
18	353	2105	7	6.90	121	51.00	2135.2	8.2	159	c/cs
18	353	2112	7	5.97	121	51.31	2136.2	7.9	157	SF
18	353	2117	7	5.40	121	51.60	2136.8	8.2	157	c/cs
18	353	2123	7	4.60	121	51.90	2137.6	7.6	176	c/cs
18	353	2126	7	4.20	121	51.90	2138.0	8.2	180	c/cs
18	353	2128	7	3.95	121	51.91	2138.3	7.2	180	GPS
18	353	2130	7	3.71	121	51.91	2138.5	8.4	182	GPS
18	353	2132	7	3.40	121	51.90	2138.8	8.2	168	c/cs
18	353	2144	7	1.80	121	52.20	2140.5	8.1	159	c/cs
18	353	2148	7	1.30	121	52.40	2141.0	8.4	152	c/cs
18	353	2154	7	0.60	121	52.80	2141.8	8.5	155	c/cs
18	353	2200	6	59.81	121	53.19	2142.7	8.2	157	GPS
18	353	2218	6	57.50	121	54.20	2145.2	8.2	157	c/cs
18	353	2221	6	57.20	121	54.30	2145.6	6.0	157	c/cs
18	353	2226	6	56.70	121	54.50	2146.1	5.1	157	c/cs
18	353	2230	6	56.39	121	54.68	2146.4	5.5	168	GPS
18	353	2236	6	55.90	121	54.80	2147.0	6.2	195	c/cs
18	353	2241	6	55.30	121	54.70	2147.5	6.9	223	c/cs
18	353	2243	6	55.20	121	54.50	2147.7	6.8	238	c/cs
18	353	2249	6	54.80	121	53.90	2148.4	7.5	260	c/cs
18	353	2250	6	54.80	121	53.80	2148.5	7.0	282	c/cs
18	353	2251	6	54.80	121	53.70	2148.6	5.8	313	c/cs
18	353	2253	6	55.00	121	53.50	2148.8	5.1	325	c/cs
18	353	2255	6	55.10	121	53.40	2149.0	5.6	323	c/cs
18	353	2258	6	55.32	121	53.27	2149.3	6.4	324	GPS
18	353	2259	6	55.40	121	53.20	2149.4	5.2	349	c/cs
18	353	2300	6	55.49	121	53.19	2149.5	5.4	360	GPS
18	353	2302	6	55.70	121	53.20	2149.6	4.1	37	c/cs
18	353	2305	6	55.80	121	53.30	2149.9	4.2	56	c/cs
18	353	2312	6	56.11	121	53.72	2150.3	4.2	70	GPS
18	353	2315	6	56.20	121	53.90	2150.6	4.4	75	c/cs
18	353	2330	6	56.46	121	54.98	2151.6	5.0	79	GPS
18	353	2330	6	56.50	121	55.00	2151.6	0.5	73	c/cs
18	353	2331	6	56.50	121	55.00	2151.6	5.1	80	c/cs
18	353	2346	6	56.70	121	56.30	2152.9	4.8	94	c/cs
18	353	2350	6	56.70	121	56.60	2153.2	2.9	123	c/cs
18	353	2354	6	56.60	121	56.70	2153.4	0.7	102	c/cs
19	354	0000	6	56.54	121	56.81	2153.5	0.1	253	GPS
19	354	0000	6	56.50	121	56.80	2153.5	0.1	253	c/cs
19	354	0019	6	56.50	121	56.80	2153.5	0.3	310	c/cs
19	354	0030	6	56.57	121	56.73	2153.6	0.7	297	GPS
19	354	0032	6	56.58	121	56.71	2153.6	0.1	270	SF
19	354	0043	6	56.58	121	56.69	2153.6	0.3	142	SF
19	354	0049	6	56.60	121	56.70	2153.7	0.3	149	c/cs
19	354	0058	6	56.52	121	56.73	2153.7	0.3	180	GPS
19	354	0100	6	56.51	121	56.73	2153.7	0.1	143	GPS
19	354	0119	6	56.50	121	56.80	2153.8	0.1	144	c/cs
19	354	0130	6	56.47	121	56.76	2153.8	0.2	114	GPS
19	354	0148	6	56.40	121	56.80	2153.8	0.4	112	c/cs
19	354	0156	6	56.40	121	56.90	2153.9	2.7	160	c/cs
19	354	0158	6	56.30	121	56.90	2154.0	5.4	171	c/cs
19	354	0200	6	56.16	121	56.93	2154.2	5.9	168	GPS
19	354	0200	6	56.20	121	56.90	2154.2	9.5	162	c/cs
19	354	0203	6	55.70	121	57.10	2154.6	11.7	162	c/cs
19	354	0208	6	54.78	121	57.38	2155.6	11.6	164	SF

19	354	0208	6	54.80	121	57.40	2155.6	12.5	165	c/cs
19	354	0223	6	51.80	121	58.20	2158.7	13.2	150	c/cs
19	354	0224	6	51.60	121	58.30	2159.0	12.2	132	c/cs
19	354	0230	6	50.77	121	59.20	2160.2	11.5	131	GPS
19	354	0230	6	50.80	121	59.20	2160.2	11.9	131	c/cs
19	354	0233	6	50.40	121	59.70	2160.8	11.5	111	c/cs
19	354	0241	6	49.80	122	1.10	2162.3	11.7	100	c/cs
19	354	0250	6	49.50	122	2.80	2164.1	11.5	98	c/cs
19	354	0252	6	49.50	122	3.20	2164.4	11.6	124	c/cs
19	354	0300	6	48.62	122	4.52	2166.0	12.1	124	GPS
19	354	0302	6	48.40	122	4.90	2166.4	12.2	121	c/cs
19	354	0321	6	46.40	122	8.20	2170.2	12.0	116	c/cs
19	354	0330	6	45.58	122	9.80	2172.1	12.1	116	GPS
19	354	0336	6	45.10	122	10.90	2173.3	12.1	124	c/cs
19	354	0345	6	44.00	122	12.40	2175.1	12.4	123	c/cs
19	354	0350	6	43.50	122	13.30	2176.1	12.3	124	c/cs
19	354	0356	6	42.80	122	14.33	2177.3	11.9	120	SF
19	354	0400	6	42.41	122	15.02	2178.1	12.2	126	GPS
19	354	0404	6	41.90	122	15.70	2178.9	12.3	129	c/cs
19	354	0430	6	38.57	122	19.87	2184.3	12.3	128	GPS
19	354	0432	6	38.30	122	20.20	2184.7	12.2	128	c/cs
19	354	0440	6	37.30	122	21.50	2186.3	8.1	127	c/cs
19	354	0443	6	37.10	122	21.80	2186.7	6.6	130	c/cs
19	354	0453	6	36.40	122	22.70	2187.8	6.4	128	c/cs
19	354	0501	6	35.84	122	23.34	2188.7	6.5	129	GPS
19	354	0516	6	34.83	122	24.61	2190.3	5.5	125	GPS
19	354	0530	6	34.09	122	25.67	2191.6	5.5	125	GPS
19	354	0546	6	33.25	122	26.88	2193.1	5.0	125	GPS
19	354	0600	6	32.58	122	27.84	2194.2	7.8	123	GPS
19	354	0601	6	32.51	122	27.95	2194.4	6.1	122	GPS
19	354	0608	6	32.10	122	28.60	2195.1	5.1	123	c/cs
19	354	0622	6	31.50	122	29.60	2196.3	5.2	129	c/cs
19	354	0630	6	31.06	122	30.11	2197.0	5.6	122	GPS
19	354	0644	6	30.40	122	31.20	2198.3	5.5	128	c/cs
19	354	0657	6	29.65	122	32.17	2199.4	5.4	135	SF
19	354	0700	6	29.46	122	32.36	2199.7	5.9	131	GPS
19	354	0714	6	28.50	122	33.40	2201.1	6.1	134	c/cs
19	354	0716	6	28.41	122	33.56	2201.3	5.5	134	GPS
19	354	0730	6	27.52	122	34.48	2202.6	5.6	135	GPS
19	354	0730	6	27.50	122	34.50	2202.6	5.6	130	c/cs
19	354	0735	6	27.22	122	34.84	2203.0	6.0	126	SF
19	354	0746	6	26.57	122	35.74	2204.1	5.5	128	GPS
19	354	0746	6	26.60	122	35.70	2204.1	5.4	130	c/cs
19	354	0800	6	25.77	122	36.71	2205.4	5.2	129	GPS
19	354	0806	6	25.40	122	37.10	2205.9	5.3	127	c/cs
19	354	0825	6	24.44	122	38.46	2207.6	5.5	136	SF
19	354	0830	6	24.11	122	38.76	2208.0	5.8	129	GPS
19	354	0836	6	23.80	122	39.20	2208.6	5.7	128	c/cs
19	354	0846	6	23.17	122	39.99	2209.6	5.7	128	GPS
19	354	0851	6	22.90	122	40.40	2210.1	5.8	127	c/cs
19	354	0900	6	22.36	122	41.07	2210.9	5.6	128	GPS
19	354	0917	6	21.40	122	42.30	2212.5	5.5	128	c/cs
19	354	0930	6	20.67	122	43.27	2213.7	5.5	128	GPS
19	354	0947	6	19.70	122	44.50	2215.2	5.4	127	c/cs
19	354	1000	6	19.00	122	45.45	2216.4	7.1	128	GPS
19	354	1011	6	18.19	122	46.48	2217.7	5.8	127	SF
19	354	1017	6	17.80	122	46.90	2218.3	5.6	128	c/cs
19	354	1035	6	16.80	122	48.30	2220.0	5.2	127	c/cs
19	354	1051	6	16.00	122	49.40	2221.4	5.4	128	c/cs
19	354	1115	6	14.70	122	51.10	2223.5	5.3	127	c/cs

19	354	1145	6	13.10	122	53.20	2226.2	5.2	125	c/cs
19	354	1215	6	11.60	122	55.40	2228.8	5.2	126	c/cs
19	354	1217	6	11.49	122	55.55	2229.0	4.9	137	SF
19	354	1237	6	10.30	122	56.66	2230.6	5.2	126	SF
19	354	1245	6	9.90	122	57.20	2231.3	5.6	128	c/cs
19	354	1315	6	8.10	122	59.50	2234.1	5.7	128	c/cs
19	354	1334	6	7.00	123	0.90	2235.9	5.5	127	c/cs
19	354	1343	6	6.50	123	1.50	2236.7	5.7	125	c/cs
19	354	1400	6	5.61	123	2.86	2238.3	6.1	130	SF
19	354	1413	6	4.80	123	3.90	2239.7	6.5	131	c/cs
19	354	1419	6	4.30	123	4.40	2240.3	6.8	130	c/cs
19	354	1449	6	2.10	123	7.00	2243.7	6.9	130	c/cs
19	354	1519	5	59.90	123	9.60	2247.2	6.8	130	c/cs
19	354	1549	5	57.69	123	12.22	2250.6	7.1	129	SF
19	354	1549	5	57.70	123	12.20	2250.6	7.1	129	c/cs
19	354	1600	5	56.90	123	13.20	2251.9	7.8	129	c/cs
19	354	1606	5	56.40	123	13.80	2252.6	8.0	125	c/cs
19	354	1636	5	54.10	123	17.10	2256.6	7.9	125	c/cs
19	354	1658	5	52.40	123	19.50	2259.5	8.1	125	c/cs
19	354	1659	5	52.30	123	19.60	2259.6	8.0	126	c/cs
19	354	1707	5	51.70	123	20.40	2260.7	7.4	125	c/cs
19	354	1727	5	50.30	123	22.50	2263.2	6.4	125	c/cs
19	354	1742	5	49.30	123	23.80	2264.8	6.2	126	c/cs
19	354	1754	5	48.60	123	24.80	2266.0	6.6	127	c/cs
19	354	1819	5	47.00	123	27.00	2268.7	6.3	126	c/cs
19	354	1835	5	45.99	123	28.35	2270.4	5.8	131	SF
19	354	1849	5	45.10	123	29.40	2271.8	5.8	131	c/cs
19	354	1919	5	43.20	123	31.60	2274.7	5.8	131	c/cs
19	354	1949	5	41.30	123	33.80	2277.6	5.8	131	c/cs
19	354	2019	5	39.40	123	36.00	2280.5	5.8	131	c/cs
19	354	2022	5	39.19	123	36.24	2280.8	5.5	131	SF
19	354	2049	5	37.60	123	38.10	2283.3	5.5	130	c/cs
19	354	2108	5	36.40	123	39.50	2285.0	5.5	126	c/cs
19	354	2133	5	35.10	123	41.30	2287.3	5.5	122	c/cs
19	354	2139	5	34.80	123	41.80	2287.9	5.0	114	c/cs
19	354	2143	5	34.70	123	42.10	2288.2	5.6	130	c/cs
19	354	2203	5	33.46	123	43.54	2290.1	5.9	138	GPS
19	354	2204	5	33.40	123	43.60	2290.2	6.2	136	c/cs
19	354	2209	5	33.00	123	44.00	2290.7	6.0	134	c/cs
19	354	2239	5	30.90	123	46.10	2293.7	6.1	134	c/cs
19	354	2248	5	30.28	123	46.80	2294.6	5.8	120	GPS
19	354	2300	5	29.69	123	47.81	2295.8	6.8	124	GPS
19	354	2303	5	29.50	123	48.09	2296.1	6.9	121	GPS
19	354	2309	5	29.10	123	48.70	2296.8	6.7	121	c/cs
19	354	2322	5	28.40	123	49.90	2298.3	6.2	141	c/cs
19	354	2324	5	28.20	123	50.10	2298.5	5.5	165	c/cs
19	354	2326	5	28.00	123	50.10	2298.7	4.7	185	c/cs
19	354	2330	5	27.74	123	50.08	2299.0	4.5	200	GPS
19	354	2336	5	27.30	123	49.90	2299.4	5.5	198	c/cs
19	354	2338	5	27.10	123	49.90	2299.6	4.2	201	c/cs
19	354	2340	5	27.00	123	49.80	2299.7	6.3	209	c/cs
19	354	2357	5	25.45	123	48.93	2301.5	5.7	212	SF
20	355	0000	5	25.21	123	48.78	2301.8	7.2	210	GPS
20	355	0000	5	25.20	123	48.80	2301.8	7.2	210	c/cs
20	355	0002	5	25.00	123	48.70	2302.1	7.3	211	c/cs
20	355	0003	5	24.90	123	48.60	2302.2	5.9	212	GPS
20	355	0018	5	23.64	123	47.82	2303.7	5.0	221	GPS
20	355	0022	5	23.39	123	47.60	2304.0	5.6	210	SF
20	355	0030	5	22.74	123	47.23	2304.7	6.8	215	GPS
20	355	0031	5	22.80	123	47.20	2304.8	6.9	210	c/cs

20	355	0033	5	22.45	123	47.05	2305.1	5.8	207	GPS
20	355	0048	5	21.16	123	46.38	2306.5	5.4	207	GPS
20	355	0055	5	20.60	123	46.10	2307.2	5.6	208	c/cs
20	355	0100	5	20.18	123	45.87	2307.6	7.4	209	GPS
20	355	0103	5	19.86	123	45.69	2308.0	5.6	208	GPS
20	355	0116	5	18.80	123	45.10	2309.2	5.5	204	c/cs
20	355	0130	5	17.61	123	44.60	2310.5	7.4	206	GPS
20	355	0133	5	17.28	123	44.44	2310.9	5.5	207	GPS
20	355	0138	5	16.90	123	44.20	2311.3	5.6	206	c/cs
20	355	0145	5	16.28	123	43.94	2312.0	6.0	206	SF
20	355	0148	5	16.01	123	43.81	2312.3	5.4	207	GPS
20	355	0149	5	15.90	123	43.80	2312.4	5.4	208	c/cs
20	355	0200	5	15.06	123	43.31	2313.4	7.5	205	GPS
20	355	0200	5	15.10	123	43.30	2313.4	7.4	207	c/cs
20	355	0203	5	14.73	123	43.14	2313.7	5.6	209	GPS
20	355	0219	5	13.40	123	42.40	2315.2	5.5	207	c/cs
20	355	0230	5	12.53	123	41.95	2316.2	7.5	208	GPS
20	355	0233	5	12.20	123	41.77	2316.6	5.5	207	GPS
20	355	0238	5	11.80	123	41.60	2317.1	5.4	205	c/cs
20	355	0255	5	10.40	123	40.90	2318.6	5.5	204	c/cs
20	355	0300	5	9.98	123	40.71	2319.1	5.6	204	GPS
20	355	0304	5	9.64	123	40.56	2319.4	5.6	205	GPS
20	355	0322	5	8.10	123	39.90	2321.1	5.1	206	c/cs
20	355	0326	5	7.80	123	39.70	2321.4	5.6	206	c/cs
20	355	0330	5	7.47	123	39.54	2321.8	5.7	205	GPS
20	355	0334	5	7.13	123	39.38	2322.2	5.7	204	GPS
20	355	0338	5	6.80	123	39.20	2322.6	5.5	205	c/cs
20	355	0343	5	6.40	123	39.00	2323.0	5.2	234	c/cs
20	355	0345	5	6.30	123	38.90	2323.2	5.3	246	c/cs
20	355	0348	5	6.20	123	38.60	2323.5	5.1	206	c/cs
20	355	0349	5	6.08	123	38.60	2323.6	7.1	213	GPS
20	355	0350	5	6.00	123	38.50	2323.7	5.7	174	c/cs
20	355	0352	5	5.80	123	38.60	2323.9	4.0	125	c/cs
20	355	0354	5	5.70	123	38.70	2324.0	2.6	63	c/cs
20	355	0356	5	5.80	123	38.70	2324.1	3.2	7	c/cs
20	355	0400	5	5.97	123	38.77	2324.3	3.7	18	GPS
20	355	0401	5	6.00	123	38.80	2324.4	4.7	26	c/cs
20	355	0404	5	6.24	123	38.89	2324.6	4.6	27	GPS
20	355	0410	5	6.60	123	39.10	2325.1	4.9	26	c/cs
20	355	0428	5	8.00	123	39.70	2326.5	4.7	23	c/cs
20	355	0430	5	8.12	123	39.81	2326.7	5.0	26	GPS
20	355	0433	5	8.30	123	39.90	2326.9	5.3	27	c/cs
20	355	0434	5	8.42	123	39.96	2327.0	5.0	26	GPS
20	355	0455	5	10.00	123	40.70	2328.8	5.6	26	c/cs
20	355	0456	5	10.07	123	40.78	2328.9	4.7	26	SF
20	355	0458	5	10.20	123	40.80	2329.0	4.4	29	c/cs
20	355	0500	5	10.34	123	40.92	2329.2	5.3	31	GPS
20	355	0504	5	10.64	123	41.10	2329.5	2.3	204	GPS
20	355	0519	5	10.11	123	40.86	2330.1	8.4	204	GPS
20	355	0530	5	8.70	123	40.24	2331.6	6.3	26	770
20	355	0530	5	8.70	123	40.20	2331.6	0.0	90	c/cs
30	365	0800	5	8.70	123	40.24	2331.6	0.6	323	770
30	365	0815	5	8.82	123	40.15	2331.8	0.5	110	GPS
30	365	0830	5	8.78	123	40.26	2331.9	0.2	109	GPS
30	365	0855	5	8.76	123	40.32	2332.0	0.5	284	GPS
30	365	0900	5	8.77	123	40.28	2332.0	0.6	130	GPS
30	365	0957	5	8.40	123	40.70	2332.6	2.9	320	c/cs
30	365	1001	5	8.60	123	40.60	2332.8	4.6	317	c/cs
30	365	1003	5	8.70	123	40.50	2332.9	7.7	316	c/cs
30	365	1012	5	9.50	123	39.70	2334.1	6.7	314	c/cs

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30	365	1013	5	9.60	123	39.59	2334.2	5.2	314	SF
30	365	1014	5	9.70	123	39.50	2334.3	2.5	322	c/cs
30	365	1017	5	9.80	123	39.50	2334.4	0.6	359	c/cs
30	365	1022	5	9.80	123	39.50	2334.4	0.6	316	c/cs
30	365	1028	5	9.80	123	39.40	2334.5	1.1	316	c/cs
30	365	1033	5	9.90	123	39.30	2334.6	1.1	310	c/cs
30	365	1047	5	10.10	123	39.20	2334.8	1.4	280	c/cs
30	365	1049	5	10.10	123	39.10	2334.9	3.7	316	c/cs
30	365	1051	5	10.20	123	39.00	2335.0	7.0	320	c/cs
30	365	1053	5	10.40	123	38.90	2335.3	9.1	318	c/cs
30	365	1057	5	10.80	123	38.50	2335.9	10.5	318	c/cs
30	365	1110	5	12.49	123	36.93	2338.1	10.8	311	SF
30	365	1113	5	12.80	123	36.50	2338.7	11.1	311	c/cs
30	365	1143	5	16.50	123	32.30	2344.2	10.3	311	c/cs
30	365	1201	5	18.54	123	30.01	2347.3	9.9	322	SF
30	365	1208	5	19.50	123	29.30	2348.5	9.9	322	c/cs
30	365	1228	5	22.00	123	27.20	2351.8	10.0	322	c/cs
30	365	1238	5	23.30	123	26.20	2353.4	10.0	322	c/cs
30	365	1258	5	25.97	123	24.09	2356.8	10.0	322	SF
30	365	1259	5	26.10	123	24.00	2357.0	10.3	323	c/cs
30	365	1309	5	27.50	123	23.00	2358.7	10.2	323	c/cs
30	365	1320	5	29.00	123	21.80	2360.5	10.1	324	c/cs
30	365	1348	5	32.80	123	19.00	2365.2	10.0	326	c/cs
30	365	1401	5	34.60	123	17.80	2367.4	10.2	325	c/cs
30	365	1427	5	38.20	123	15.20	2371.8	10.2	325	c/cs
30	365	1432	5	38.90	123	14.80	2372.7	10.2	325	c/cs
30	365	1445	5	40.70	123	13.50	2374.9	10.1	325	c/cs
30	365	1455	5	42.00	123	12.50	2376.6	10.1	325	c/cs
30	365	1503	5	43.10	123	11.70	2377.9	10.1	325	c/cs
30	365	1513	5	44.50	123	10.75	2379.6	10.5	326	SF
30	365	1532	5	47.20	123	8.90	2382.9	10.5	316	c/cs
30	365	1544	5	48.80	123	7.40	2385.0	10.4	317	c/cs
30	365	1611	5	52.20	123	4.20	2389.7	10.7	316	c/cs
30	365	1615	5	52.70	123	3.70	2390.4	10.6	316	c/cs
30	365	1637	5	55.50	123	1.00	2394.3	10.6	324	c/cs
30	365	1648	5	57.00	122	59.90	2396.2	10.6	325	c/cs
30	365	1703	5	59.20	122	58.30	2398.9	10.4	325	c/cs
30	365	1722	6	1.90	122	56.40	2402.2	10.6	325	c/cs
30	365	1743	6	5.00	122	54.20	2405.9	10.6	325	c/cs
30	365	1801	6	7.50	122	52.40	2409.0	11.0	324	c/cs
30	365	1802	6	7.70	122	52.30	2409.2	10.8	325	c/cs
30	365	1803	6	7.80	122	52.20	2409.4	10.7	325	c/cs
30	365	1817	6	9.87	122	50.75	2411.9	12.7	315	SF
30	365	1821	6	10.50	122	50.20	2412.7	12.6	315	c/cs
30	365	1839	6	13.20	122	47.50	2416.5	12.3	315	c/cs
30	365	1845	6	14.00	122	46.60	2417.8	12.7	314	c/cs
30	365	1857	6	15.80	122	44.80	2420.3	12.8	311	c/cs
30	365	1926	6	19.90	122	40.10	2426.5	13.0	310	c/cs
30	365	1949	6	23.10	122	36.30	2431.5	13.1	310	c/cs
30	365	1957	6	24.20	122	34.90	2433.2	12.9	310	c/cs
30	365	2003	6	25.03	122	33.90	2434.5	12.5	311	SF
30	365	2014	6	26.50	122	32.20	2436.8	12.5	312	c/cs
30	365	2028	6	28.50	122	30.00	2439.7	12.6	312	c/cs
30	365	2045	6	30.88	122	27.29	2443.3	12.0	313	SF
30	365	2056	6	32.38	122	25.66	2445.5	10.7	312	GPS
30	365	2057	6	32.50	122	25.50	2445.7	10.6	315	c/cs
30	365	2100	6	32.87	122	25.15	2446.2	11.4	317	GPS
30	365	2104	6	33.40	122	24.60	2447.0	11.5	323	c/cs
30	365	2128	6	37.10	122	21.90	2451.6	11.3	324	c/cs
30	365	2130	6	37.40	122	21.60	2452.0	11.6	323	c/cs

30	365	2140	6	39.00	122	20.50	2453.9	11.3	302	c/cs
30	365	2149	6	39.90	122	19.00	2455.6	11.4	302	c/cs
30	365	2158	6	40.78	122	17.55	2457.3	10.6	300	SF
30	365	2201	6	41.00	122	17.10	2457.8	10.8	302	c/cs
30	365	2211	6	42.00	122	15.50	2459.6	10.6	302	c/cs
30	365	2220	6	42.80	122	14.20	2461.2	10.8	303	c/cs
30	365	2230	6	43.80	122	12.66	2463.0	10.5	307	GPS
30	365	2246	6	45.50	122	10.40	2465.8	9.9	307	c/cs
30	365	2248	6	45.70	122	10.10	2466.2	10.6	307	c/cs
30	365	2300	6	46.94	122	8.44	2468.3	10.9	310	GPS
30	365	2302	6	47.20	122	8.20	2468.6	9.8	303	c/cs
30	365	2330	6	49.71	122	4.30	2473.2	10.2	302	GPS
30	365	2331	6	49.80	122	4.20	2473.4	10.0	293	c/cs
30	365	2343	6	50.60	122	2.30	2475.4	11.1	291	c/cs
30	365	2346	6	50.78	122	1.78	2476.0	10.1	286	SF
30	365	2352	6	51.10	122	0.80	2477.0	9.1	286	c/cs
30	365	2356	6	51.23	122	0.21	2477.6	8.3	287	GPS
31	366	0000	6	51.39	121	59.68	2478.1	10.4	286	GPS
31	366	0000	6	51.40	121	59.70	2478.1	10.4	286	c/cs
31	366	0003	6	51.50	121	59.20	2478.6	10.9	297	c/cs
31	366	0006	6	51.80	121	58.70	2479.2	10.4	311	c/cs
31	366	0007	6	51.90	121	58.60	2479.4	11.2	327	c/cs
31	366	0019	6	53.80	121	57.30	2481.6	10.3	327	c/cs
31	366	0030	6	55.36	121	56.29	2483.5	13.2	325	GPS
31	366	0037	6	56.62	121	55.40	2485.0	11.0	322	SF
31	366	0046	6	57.90	121	54.40	2486.7	11.0	323	c/cs
31	366	0100	6	59.99	121	52.83	2489.3	12.6	324	GPS
31	366	0104	7	0.70	121	52.30	2490.1	12.6	326	c/cs
31	366	0109	7	1.55	121	51.74	2491.2	11.2	323	SF
31	366	0121	7	3.30	121	50.40	2493.4	11.0	324	c/cs
31	366	0130	7	4.68	121	49.44	2495.0	11.7	326	GPS
31	366	0136	7	5.60	121	48.80	2496.2	11.6	328	c/cs
31	366	0142	7	6.60	121	48.10	2497.4	11.7	327	c/cs
31	366	0200	7	9.57	121	46.19	2500.9	12.4	326	GPS
31	366	0205	7	10.40	121	45.60	2501.9	12.3	326	c/cs
31	366	0213	7	11.80	121	44.70	2503.6	12.4	326	c/cs
31	366	0223	7	13.50	121	43.50	2505.6	12.3	327	c/cs
31	366	0230	7	14.73	121	42.77	2507.1	12.3	327	GPS
31	366	0253	7	18.70	121	40.20	2511.8	12.3	327	c/cs
31	366	0300	7	19.89	121	39.40	2513.2	12.0	326	GPS
31	366	0305	7	20.70	121	38.80	2514.2	12.4	326	c/cs
31	366	0330	7	24.99	121	35.91	2519.4	12.3	327	GPS
31	366	0333	7	25.50	121	35.60	2520.0	12.3	327	c/cs
31	366	0342	7	27.00	121	34.60	2521.8	12.2	327	c/cs
31	366	0359	7	29.90	121	32.60	2525.3	11.2	326	c/cs
31	366	0400	7	30.10	121	32.53	2525.5	11.1	328	GPS
31	366	0401	7	30.30	121	32.40	2525.7	12.1	328	c/cs
31	366	0420	7	33.50	121	30.37	2529.5	11.5	328	SF
31	366	0428	7	34.80	121	29.50	2531.0	11.4	328	c/cs
31	366	0430	7	35.12	121	29.34	2531.4	12.2	328	GPS
31	366	0444	7	37.50	121	27.80	2534.3	12.5	328	c/cs
31	366	0446	7	37.90	121	27.60	2534.7	12.3	328	c/cs
31	366	0500	7	40.34	121	26.08	2537.6	12.4	330	GPS
31	366	0513	7	42.70	121	24.70	2540.3	12.3	330	c/cs
31	366	0530	7	45.67	121	22.92	2543.7	12.9	329	GPS
31	366	0532	7	46.00	121	22.70	2544.2	12.9	326	c/cs
31	366	0540	7	47.50	121	21.70	2545.9	11.8	328	c/cs
31	366	0542	7	47.80	121	21.50	2546.3	12.8	327	c/cs
31	366	0556	7	50.33	121	19.90	2549.3	11.9	327	GPS
31	366	0558	7	50.70	121	19.70	2549.7	12.0	327	c/cs

31	366	0603	7	51.50	121	19.13	2550.7	11.8	328	SF
31	366	0627	7	55.50	121	16.61	2555.4	12.1	329	GPS
31	366	0628	7	55.70	121	16.50	2555.6	12.3	329	c/cs
31	366	0630	7	56.02	121	16.29	2556.0	12.1	328	GPS
31	366	0658	8	0.80	121	13.20	2561.6	12.1	328	c/ca
31	366	0700	8	1.13	121	13.03	2562.0	12.1	327	GPS
31	366	0728	8	5.90	121	9.90	2567.7	12.2	327	c/cs
31	366	0730	8	6.20	121	9.67	2568.1	13.0	328	GPS
31	366	0730	8	6.20	121	9.70	2568.1	13.0	328	c/cs
31	366	0734	8	6.93	121	9.20	2569.0	12.4	326	SF
31	366	0739	8	7.80	121	8.60	2570.0	12.3	326	c/cs
31	366	0748	8	9.33	121	7.58	2571.9	12.6	323	SF
31	366	0757	8	10.83	121	6.42	2573.8	12.6	325	GPS
31	366	0757	8	10.80	121	6.40	2573.8	12.6	324	c/cs
31	366	0800	8	11.34	121	6.05	2574.4	11.8	327	GPS
31	366	0812	8	13.30	121	4.70	2576.7	11.6	327	c/cs
31	366	0830	8	16.24	121	2.82	2580.2	12.8	322	GPS
31	366	0834	8	16.90	121	2.30	2581.1	12.8	323	c/cs
31	366	0852	8	20.00	120	60.00	2584.9	12.7	323	c/cs
31	366	0857	8	20.83	120	59.31	2586.0	12.2	324	GPS
31	366	0900	8	21.32	120	58.95	2586.6	12.1	325	GPS
31	366	0905	8	22.10	120	58.40	2587.6	12.1	325	c/cs
31	366	0930	8	26.30	120	55.50	2592.6	12.1	324	c/cs
31	366	0946	8	28.90	120	53.50	2595.9	12.0	325	c/cs
31	366	0951	8	29.72	120	52.96	2596.9	12.6	324	SF
31	366	1001	8	31.40	120	51.70	2599.0	10.5	323	c/cs
31	366	1003	8	31.70	120	51.50	2599.3	7.7	325	c/cs
31	366	1007	8	32.10	120	51.20	2599.8	6.8	325	c/cs
31	366	1008	8	32.20	120	51.10	2600.0	6.8	323	c/cs
31	366	1014	8	32.74	120	50.71	2600.6	5.6	337	SF
31	366	1026	8	33.80	120	50.30	2601.7	5.4	350	c/cs
31	366	1030	8	34.13	120	50.21	2602.1	5.8	342	GDRT
31	366	1032	8	34.30	120	50.10	2602.3	6.4	348	c/cs
31	366	1049	8	36.10	120	49.80	2604.1	6.8	320	c/cs
31	366	1052	8	36.30	120	49.60	2604.4	7.0	318	c/cs
31	366	1100	8	37.03	120	48.92	2605.4	7.1	321	GDRT
31	366	1100	8	37.00	120	48.90	2605.4	6.2	303	c/cs
31	366	1130	8	38.73	120	46.31	2608.5	5.8	294	GDRT
31	366	1130	8	38.70	120	46.30	2608.5	5.8	293	c/cs
31	366	1200	8	39.80	120	43.60	2611.4	5.7	293	c/cs
31	366	1224	8	40.70	120	41.50	2613.6	5.6	291	c/cs
31	366	1230	8	40.94	120	40.95	2614.2	5.4	286	GDRT
31	366	1245	8	41.30	120	39.60	2615.6	5.4	288	c/cs
31	366	1252	8	41.50	120	39.00	2616.2	3.6	332	c/cs
31	366	1254	8	41.60	120	39.00	2616.3	3.8	355	c/cs
31	366	1256	8	41.70	120	39.00	2616.4	4.6	317	c/cs
31	366	1257	8	41.80	120	38.90	2616.5	5.2	287	c/cs
31	366	1258	8	41.80	120	38.80	2616.6	6.5	263	c/cs
31	366	1259	8	41.80	120	38.70	2616.7	7.6	237	c/cs
31	366	1300	8	41.70	120	38.60	2616.8	7.5	213	c/cs
31	366	1301	8	41.60	120	38.50	2617.0	8.5	189	c/cs
31	366	1302	8	41.50	120	38.50	2617.1	8.4	162	c/cs
31	366	1303	8	41.37	120	38.56	2617.2	5.6	180	SF
31	366	1303	8	41.40	120	38.60	2617.2	3.7	129	c/cs
31	366	1305	8	41.30	120	38.70	2617.4	2.7	104	c/cs
31	366	1318	8	41.20	120	39.20	2617.9	2.7	106	c/cs
31	366	1346	8	40.80	120	40.40	2619.2	2.4	108	c/cs
31	366	1355	8	40.69	120	40.78	2619.5	5.1	109	771
31	366	1355	8	40.70	120	40.80	2619.5	0.0	90	c/cs
2 Jan 89	2	0500	8	40.69	120	40.78	2619.5	2.5	190	771

2	2	0505	8	40.50	120	40.70	2619.8	3.2	356	c/cs
2	2	0515	8	41.00	120	40.70	2620.3	4.0	354	c/cs
2	2	0518	8	41.20	120	40.70	2620.5	6.6	352	c/cs
2	2	0522	8	41.70	120	40.60	2620.9	7.5	353	c/cs
2	2	0526	8	42.20	120	40.60	2621.4	8.1	353	c/cs
2	2	0530	8	42.69	120	40.49	2622.0	10.3	352	GPS
2	2	0534	8	43.40	120	40.40	2622.7	10.3	352	c/cs
2	2	0537	8	43.90	120	40.30	2623.2	10.3	358	c/cs
2	2	0548	8	45.80	120	40.20	2625.1	10.7	357	c/cs
2	2	0600	8	47.91	120	40.12	2627.2	10.8	356	GPS
2	2	0613	8	50.30	120	40.00	2629.6	10.7	356	c/cs
2	2	0622	8	51.80	120	39.90	2631.2	10.7	357	c/cs
2	2	0630	8	53.28	120	39.80	2632.6	11.1	357	GPS
2	2	0639	8	54.90	120	39.70	2634.3	10.9	359	c/cs
2	2	0644	8	55.80	120	39.70	2635.2	11.1	358	c/cs
2	2	0655	8	57.90	120	39.70	2637.2	11.4	358	c/cs
2	2	0704	8	59.60	120	39.60	2638.9	11.3	359	c/cs
2	2	0717	9	2.00	120	39.50	2641.3	11.4	358	c/cs
2	2	0730	9	4.51	120	39.42	2643.8	11.4	358	GPS
2	2	0744	9	7.20	120	39.30	2646.5	11.2	359	c/cs
2	2	0753	9	8.80	120	39.30	2648.2	11.6	359	c/cs
2	2	0800	9	10.19	120	39.26	2649.5	11.8	359	GPS
2	2	0802	9	10.60	120	39.30	2649.9	10.4	359	c/cs
2	2	0803	9	10.80	120	39.30	2650.1	7.2	3	c/cs
2	2	0805	9	11.00	120	39.30	2650.3	4.6	359	c/cs
2	2	0811	9	11.50	120	39.30	2650.8	4.1	358	c/cs
2	2	0815	9	11.70	120	39.30	2651.0	1.0	321	c/cs
2	2	0816	9	11.70	120	39.20	2651.1	3.8	357	c/cs
2	2	0830	9	12.63	120	39.20	2652.0	4.1	2	GPS
2	2	0846	9	13.70	120	39.20	2653.1	4.2	2	c/cs
2	2	0900	9	14.71	120	39.27	2654.0	3.5	14	GDRT
2	2	0900	9	14.70	120	39.30	2654.0	5.8	2	c/cs
2	2	0902	9	14.90	120	39.30	2654.2	8.8	1	c/cs
2	2	0905	9	15.30	120	39.30	2654.7	10.9	0	c/cs
2	2	0917	9	17.50	120	39.30	2656.9	10.9	0	c/cs
2	2	0930	9	19.89	120	39.32	2659.2	11.1	1	GDRT
2	2	0947	9	23.00	120	39.40	2662.4	11.1	1	c/cs
2	2	1000	9	25.44	120	39.41	2664.8	11.2	359	GDRT
2	2	1002	9	25.80	120	39.40	2665.1	11.1	358	c/cs
2	2	1023	9	29.70	120	39.30	2669.0	11.2	358	c/cs
2	2	1029	9	30.80	120	39.20	2670.1	11.2	356	c/cs
2	2	1030	9	30.99	120	39.20	2670.3	11.2	358	GDRT
2	2	1059	9	36.40	120	39.00	2675.8	11.0	358	c/cs
2	2	1112	9	38.80	120	38.88	2678.1	11.0	351	SF
2	2	1129	9	41.90	120	38.40	2681.2	11.2	352	c/cs
2	2	1138	9	43.50	120	38.20	2682.9	11.0	351	c/cs
2	2	1147	9	45.20	120	37.90	2684.6	11.2	351	c/cs
2	2	1205	9	48.50	120	37.40	2687.9	11.1	351	c/cs
2	2	1214	9	50.10	120	37.20	2689.6	10.8	351	c/cs
2	2	1239	9	54.60	120	36.50	2694.1	10.9	352	c/cs
2	2	1258	9	58.00	120	36.00	2697.5	10.8	359	SF
2	2	1300	9	58.40	120	36.00	2697.9	10.6	359	c/cs
2	2	1309	9	60.00	120	36.00	2699.5	10.6	359	c/cs
2	2	1318	10	1.50	120	35.90	2701.1	10.5	1	c/cs
2	2	1330	10	3.64	120	35.98	2703.2	10.1	350	GDRT
2	2	1336	10	4.60	120	35.80	2704.2	10.0	350	c/cs
2	2	1344	10	5.90	120	35.60	2705.5	9.7	349	c/cs
2	2	1349	10	6.70	120	35.40	2706.3	10.2	350	c/cs
2	2	1402	10	8.90	120	35.00	2708.5	10.5	1	SF
2	2	1419	10	11.90	120	35.10	2711.5	10.5	2	c/cs

2	2	1430	10	13.82	120	35.15	2713.5	10.6	1	GDRT
2	2	1449	10	17.20	120	35.20	2716.8	10.5	1	c/cs
2	2	1500	10	19.11	120	35.24	2718.7	10.1	355	GDRT
2	2	1516	10	21.80	120	35.00	2721.4	10.1	355	c/cs
2	2	1525	10	23.30	120	34.90	2723.0	10.2	355	c/cs
2	2	1543	10	26.40	120	34.60	2726.0	10.5	355	c/cs
2	2	1553	10	28.10	120	34.50	2727.8	10.3	355	c/cs
2	2	1611	10	31.20	120	34.20	2730.9	10.2	358	c/cs
2	2	1630	10	34.42	120	34.10	2734.1	9.3	5	GDRT
2	2	1630	10	34.40	120	34.10	2734.1	9.2	5	c/cs
2	2	1647	10	37.00	120	34.30	2736.7	9.3	5	c/cs
2	2	1700	10	39.01	120	34.53	2738.7	10.6	351	GDRT
2	2	1715	10	41.60	120	34.10	2741.4	10.6	351	c/cs
2	2	1735	10	45.10	120	33.60	2744.9	10.2	356	c/cs
2	2	1747	10	47.10	120	33.40	2746.9	10.4	356	c/cs
2	2	1808	10	50.80	120	33.20	2750.6	10.2	357	c/cs
2	2	1817	10	52.30	120	33.10	2752.1	10.4	356	c/cs
2	2	1834	10	55.20	120	32.90	2755.0	9.8	355	c/cs
2	2	1836	10	55.60	120	32.90	2755.3	10.4	356	c/cs
2	2	1844	10	56.90	120	32.80	2756.7	10.4	355	c/cs
2	2	1853	10	58.50	120	32.70	2758.3	10.6	356	c/cs
2	2	1900	10	59.73	120	32.58	2759.5	9.6	1	GDRT
2	2	1922	11	3.20	120	32.70	2763.0	9.9	355	c/cs
2	2	1935	11	5.40	120	32.50	2765.2	10.0	355	c/cs
2	2	1957	11	9.00	120	32.10	2768.9	10.0	355	c/cs
2	2	2000	11	9.52	120	32.08	2769.4	10.5	358	GPS
2	2	2007	11	10.70	120	32.00	2770.6	10.5	358	c/cs
2	2	2016	11	12.30	120	32.00	2772.1	9.9	8	c/cs
2	2	2017	11	12.50	120	32.00	2772.3	9.0	17	c/cs
2	2	2019	11	12.80	120	32.10	2772.6	10.2	359	c/cs
2	2	2026	11	14.00	120	32.10	2773.8	10.4	357	c/cs
2	2	2030	11	14.64	120	32.02	2774.5	10.1	356	GPS
2	2	2032	11	15.00	120	32.00	2774.8	10.4	356	c/cs
2	2	2053	11	18.60	120	31.70	2778.5	10.6	355	c/cs
2	2	2100	11	19.82	120	31.59	2779.7	10.1	352	GPS
2	2	2114	11	22.20	120	31.30	2782.1	9.8	352	c/cs
2	2	2121	11	23.30	120	31.10	2783.2	10.1	352	c/cs
2	2	2130	11	24.79	120	30.88	2784.7	10.2	349	GPS
2	2	2135	11	25.60	120	30.70	2785.6	10.3	351	c/cs
2	2	2144	11	27.10	120	30.50	2787.1	10.0	353	c/cs
2	2	2151	11	28.30	120	30.30	2788.3	9.8	356	c/cs
2	2	2200	11	29.77	120	30.20	2789.7	9.9	357	GPS
2	2	2206	11	30.80	120	30.10	2790.7	10.2	357	c/cs
2	2	2218	11	32.80	120	30.00	2792.8	9.9	357	c/cs
2	2	2230	11	34.78	120	29.93	2794.8	10.2	357	GPS
2	2	2232	11	35.10	120	29.90	2795.1	10.4	358	c/cs
2	2	2255	11	39.10	120	29.70	2799.1	10.6	352	c/cs
2	2	2258	11	39.60	120	29.70	2799.6	10.9	350	c/cs
2	2	2300	11	39.99	120	29.61	2800.0	11.4	352	GPS
2	2	2315	11	42.80	120	29.20	2802.8	11.1	359	c/cs
2	2	2330	11	45.61	120	29.17	2805.6	11.6	2	GPS
2	2	2331	11	45.80	120	29.20	2805.8	10.2	2	c/cs
2	2	2339	11	47.20	120	29.20	2807.2	9.9	2	c/cs
2	2	2359	11	50.40	120	29.30	2810.5	9.9	2	c/cs
3	3	0000	11	50.61	120	29.33	2810.6	10.0	4	GPS
3	3	0000	11	50.60	120	29.30	2810.6	10.0	4	c/cs
3	3	0002	11	50.90	120	29.40	2811.0	10.0	358	c/cs
3	3	0012	11	52.60	120	29.30	2812.6	10.1	357	c/cs
3	3	0025	11	54.80	120	29.20	2814.8	10.2	356	c/cs
3	3	0030	11	55.65	120	29.15	2815.7	9.9	356	GPS

3	3	0037	11	56.80	120	29.10	2816.8	10.0	352	c/cs
3	3	0100	12	0.58	120	28.55	2820.6	10.0	353	GPS
3	3	0101	12	0.70	120	28.50	2820.8	10.3	353	c/cs
3	3	0119	12	3.80	120	28.20	2823.9	10.6	354	c/cs
3	3	0130	12	5.73	120	27.95	2825.8	10.2	356	GPS
3	3	0134	12	6.40	120	27.90	2826.5	10.0	346	c/cs
3	3	0152	12	9.30	120	27.20	2829.5	9.8	345	c/cs
3	3	0200	12	10.58	120	26.84	2830.8	9.7	348	GPS
3	3	0206	12	11.50	120	26.60	2831.8	9.8	346	c/cs
3	3	0230	12	15.32	120	25.69	2835.7	11.7	347	GPS
3	3	0236	12	16.50	120	25.40	2836.8	11.4	347	c/cs
3	3	0253	12	19.60	120	24.70	2840.1	11.8	347	c/cs
3	3	0255	12	20.00	120	24.60	2840.5	11.4	347	c/cs
3	3	0300	12	20.92	120	24.38	2841.4	8.7	339	GPS
3	3	0303	12	21.30	120	24.20	2841.9	8.7	339	c/cs
3	3	0318	12	23.40	120	23.40	2844.0	8.5	339	c/cs
3	3	0330	12	24.95	120	22.80	2845.7	9.1	344	GPS
3	3	0331	12	25.10	120	22.80	2845.9	9.3	344	c/cs
3	3	0356	12	28.80	120	21.70	2849.8	9.3	345	c/cs
3	3	0400	12	29.42	120	21.51	2850.4	9.8	346	GPS
3	3	0407	12	30.50	120	21.20	2851.5	9.4	347	c/cs
3	3	0411	12	31.10	120	21.10	2852.2	9.7	347	c/cs
3	3	0430	12	34.14	120	20.35	2855.2	9.6	345	GPS
3	3	0438	12	35.40	120	20.00	2856.5	9.8	346	c/cs
3	3	0454	12	37.90	120	19.40	2859.1	9.5	346	c/cs
3	3	0500	12	38.83	120	19.13	2860.1	9.6	345	GPS
3	3	0505	12	39.60	120	18.90	2860.9	9.5	345	c/cs
3	3	0513	12	40.80	120	18.60	2862.1	9.3	345	c/cs
3	3	0530	12	43.37	120	17.89	2864.8	9.3	345	GPS
3	3	0532	12	43.70	120	17.80	2865.1	9.4	353	c/cs
3	3	0534	12	44.00	120	17.80	2865.4	9.1	344	c/cs
3	3	0536	12	44.30	120	17.70	2865.7	9.2	349	c/cs
3	3	0539	12	44.70	120	17.60	2866.2	9.2	347	c/cs
3	3	0600	12	47.87	120	16.84	2869.4	9.3	347	GPS
3	3	0608	12	49.10	120	16.50	2870.6	9.2	347	c/cs
3	3	0626	12	51.80	120	15.90	2873.4	9.4	347	c/cs
3	3	0630	12	52.38	120	15.73	2874.0	9.8	347	GPS
3	3	0645	12	54.80	120	15.20	2876.5	5.1	347	c/cs
3	3	0646	12	54.80	120	15.20	2876.6	9.7	346	c/cs
3	3	0700	12	57.05	120	14.59	2878.8	9.7	346	GPS
3	3	0710	12	58.60	120	14.20	2880.5	10.2	346	c/cs
3	3	0730	13	1.91	120	13.36	2883.8	10.1	347	GPS
3	3	0731	13	2.10	120	13.30	2884.0	10.3	347	c/cs
3	3	0739	13	3.40	120	13.00	2885.4	10.4	347	c/cs
3	3	0800	13	6.97	120	12.17	2889.0	10.8	345	GPS
3	3	0809	13	8.50	120	11.70	2890.6	10.5	345	c/cs
3	3	0819	13	10.20	120	11.30	2892.4	10.2	345	c/cs
3	3	0839	13	13.50	120	10.30	2895.8	10.2	345	c/cs
3	3	0902	13	17.20	120	9.30	2899.7	10.4	345	c/cs
3	3	0923	13	20.70	120	8.30	2903.3	10.1	344	c/cs
3	3	0930	13	21.87	120	7.95	2904.5	9.8	341	GDRT
3	3	0935	13	22.60	120	7.70	2905.3	9.9	342	c/cs
3	3	0941	13	23.60	120	7.40	2906.3	10.1	343	c/cs
3	3	0956	13	26.00	120	6.60	2908.8	9.9	342	c/cs
3	3	1000	13	26.61	120	6.37	2909.5	10.1	348	GDRT
3	3	1003	13	27.10	120	6.30	2910.0	9.8	349	c/cs
3	3	1005	13	27.40	120	6.20	2910.3	10.2	348	c/cs
3	3	1027	13	31.10	120	5.40	2914.0	10.2	348	c/cs
3	3	1030	13	31.58	120	5.26	2914.5	10.0	342	GDRT
3	3	1045	13	34.00	120	4.50	2917.0	10.3	343	c/cs

3	3	1049	13	34.60	120	4.30	2917.7	10.2	346	c/cs
3	3	1110	13	38.10	120	3.40	2921.3	8.9	345	c/cs
3	3	1112	13	38.40	120	3.30	2921.6	10.2	344	c/cs
3	3	1125	13	40.50	120	2.60	2923.8	10.3	326	c/cs
3	3	1127	13	40.80	120	2.40	2924.2	10.6	316	c/cs

aGPS = global positioning fix; SF = satellite navigation fix; GDRT = dead reckoning fix
 based on closest global positioning fix; c/cs = change of course; 767, etc. = Site 767,
 etc.