

MGL1801 Jan 6th 2018 to Feb 11th 2018

Alan: this should be COG 1 min average

30-minute log

JD	Time (GM Lat (°S)	Lat (decmin)	Lon (°E)	Lon (decmin)	depth (m)	instrument	pingmode	Shot Nu	COG (degr	speed (kt	Wind Di	seas (m	gravity	sea tem	salinity	comment	initials
6	1:05	37	35.8500	176	11.5300	22.08 MB		29.40	6.60	13.90	291	1.00	978830	20.34	34.729		HLT
6	1:30	37	33.0500	176	13.6300	41.08 MB		26.28	10.30	11.60	289	1.00	978814	20.33	34.419		HLT
6	2:00	37	28.2700	176	16.5900	60.64 MB		25.00	10.50	8.60	281	1.00	978810	19.80	35.115		HLT
6	2:30	37	23.6800	176	19.5300	104.08 MB		25.10	6.20	5.10	291	1.00	978809	19.80	35.242		SMB
6	3:00	37	21.6600	176	20.9700	220.08 MB		24.84	4.40	6.90	286	1.00	978817	19.88	35.319		SMB
6	3:30	37	19.7200	176	22.3900	359.2 MB		20.91	4.40	5.90	269	1.00	978810	19.95	35.339		TJR
6	4:00	37	18.3400	176	24.2700	488.5 MB		92.41	4.90	4.30	202	1.00	978788	19.95	35.347		TJR
6	4:30	37	18.3100	176	27.2200	601 MB		92.20	4.90	1.60	205	1.00	978784	20.00	35.345		TJR
6	5:00	37	18.3320	176	30.3400	617.64 MB		87.65	4.90	3.80	7	1.00	978782	20.14	35.385		SMB
6	5:30	37	18.0969	176	33.3910	707.4 MB		84.88	3.60	6.10	349	1.00	978784	20.00	35.437		RA
6	6:00	37	17.7901	176	35.7990	714.9 MB		84.91	4.50	8.70	350	1.00	978786	20.11	35.413		RA
6	6:30	37	17.6006	176	38.8045	677.46 MB		86.94	4.90	12.60	359	1.00	978788	20.05	35.397		RA
6	7:00	37	17.4451	176	41.8789	648.43 MB		81.85	4.90	21.00	20	1.00	978795	19.99	35.447		RA
6	7:30	37	17.4225	176	45.0369	559.8 MB		82.20	5.20	26.20	26	1.00	978802	20.08	35.517		RA
6	8:00	37	17.2764	176	48.2654	527.47 MB		79.29	5.10	25.50	22	1.00	978808	20.14	35.541		HJT
6	8:30	37	17.0592	176	51.2438	471.03 MB		78.62	4.80	31.30	29	1.00	978818	20.24	35.575		HJT
6	9:00	37	16.7185	176	54.1135	368.82 MB		78.70	4.90	29.00	30	1.00	978826	20.21	35.582		HJT
6	9:30	37	16.2272	176	56.9068	710.05 MB		76.10	4.60	27.70	37	1.00	978808	20.10	35.603		HJT
6	10:00	37	15.7780	176	59.4599	903.63 MB		79.10	4.00	28.70	35	1.00	978796	20.07	35.629		HJT
6	10:30	37	15.4569	177	1.8792	985.06 MB		80.30	4.00	27.80	42	1.00	978787	20.08	35.670		HJT
6	11:00	37	15.0571	177	4.4825	1584 MB		78.40	4.00	31.00	47	2.00	978766	20.07	35.686		JHE
6	11:30	37	14.6700	177	7.0400	1714 MB		76.72	4.00	31.40	42	1.00	978759	20.07	35.689		HLT
6	12:00	37	14.3300	177	9.7400	1528 MB		84.00	4.40	28.90	49	1.00	978769	20.17	35.667		HLT
6	12:30	37	14.5800	177	11.1400	1394 MB		178.10	2.30	31.90	67	1.00	978800	20.21	35.626		HLT
6	13:00	37	15.3800	177	11.4600					31.50	55	1.00	978795	20.17	35.634	seapath not working	HLT
6	13:30	37	16.4600	177	11.9500					32.00		1.00	978789	20.09	35.678		HLT
6	14:00	37	17.6100	177	13.0200	1403 MB		140.50	3.50	28.60	53	1.00	978774	20.07	35.690	seapath back online	HLT
6	14:30	37	18.8100	177	14.1000	1423.98 MB		275.88	4.00	23.50	62	1.00	978792	20.05	35.684		SMB
6	15:00	37	19.0300	177	11.5900	1300.63 MB		267.09	4.10	23.40	73	1.00	978808	19.95	35.660		TJR
6	15:30	37	19.2000	177	8.9100	1051 MB		269.65	4.50	22.10	73	1.00	978826	19.97	35.642		TJR
6	16:00	37	19.3900	177	6.1600	767.21 MB		268.56	4.40	25.20	74	1.00	978848	20.01	35.640		TJR
6	16:30	37	19.6900	177	3.0000	718.04 MB		268.31	4.30	27.40	73	1.00	978853	20.06	35.634		TJR
6	17:00	37	20.0432	177	0.8101	628.34 MB		268.07	4.00	24.80	62	1.00	978852	20.02	35.616		MG
6	17:30	37	20.4326	176	58.3361	817.78 mb		269.69	3.69	27.70	61	1.00	978851	20.01	35.589		MG
6	18:00	37	20.7855	176	55.8940	769.79 MB		271.61	2.34	26.20	59	1.00	978851	20.08	35.576		MG
6	18:30	37	21.1018	176	54.4348	680.67 MB		272.20	1.88	22.60	51	1.00	978847	20.02	35.559		MG
6	19:00	37	20.2572	176	52.9717	688.09 MB		355.86	4.31	24.40	61	1.00	978844	19.97	35.556		MG
6	19:30	37	18.7341	176	54.6755	559.25 MB		59.92	4.79	17.50	57	1.00	978816	20.02	35.594		MG
6	20:00	37	17.7624	176	57.4520	731.95 mb		64.90	4.30	24.00	53	2.00	978804	19.93	35.616		HJT
6	20:32	37	16.6900	177	0.3000	896 MB		62.21	4.40	22.00	60	2.00	978798	19.96	35.663		JHE
6	21:01	37	15.7495	177	2.6134	989 MB		62.30	4.00	19.60	59.5	2.00	978787	20.01	35.689		JHE
6	21:33	37	14.7000	177	5.1849	1778 MB		63.10	4.10	19.80	59.1	2.00	978765	20.05	35.691		JHE
6	22:00	37	13.8231	177	7.2944	1853 MB		61.80	4.50	19.80	61.1	2.00	978760	20.18	35.629		JHE
6	22:38	37	13.0452	177	9.0416	1816 MB		61.80	2.00	18.50	60.9	2.00	978776	20.25	35.603		JHE
6	23:00	37	12.7300	177	9.8300	1604 MB		62.50	2.00	19.80	35	1.00	978778	20.31	35.606		HLT
6	23:30	37	12.2700	177	10.8900	1593 MB		62.80	2.00	19.20	35	1.00	978786	20.34	35.613		HLT
7	0:00	37	11.7400	177	12.2000	1593 MB		63.80	2.30	16.00	38	1.00	978789	20.39	35.613		HLT
7	0:30	37	12.12300	177	13.5100	1383 MB		63.40	2.60	20.40	25	1.00	978793	20.43	35.615		HLT
7	1:00	37	11.5400	177	18.2900	1402 MB		99.30	10.10	23.00	31	1.00	978748	20.38	35.614		HLT
7	1:30	37	12.2400	177	23.3500	1739 MB		100.30	10.30	21.60	32	1.00	978704	20.39	35.619		HLT
7	2:00	37	13.0400	177	29.9600	1920.43 MB		94.75	10.60	23.10	36	1.00	978675	20.42	35.616		SMB
7	2:30	37	13.7900	177	36.8900	1538.92 MB		96.70	10.40	20.60	36	1.00	978669	20.44	35.628		TJR
7	3:00	37	14.5600	177	43.0200	1494.14 MB		95.30	10.90	16.60	33	1.00	978653	20.48	35.636		TJR
7	3:30	37	15.5900	177	49.8064	1599.76 MB		98.55	11.10	13.40	45	1.00	978635	20.49	35.652		SMB
7	4:00	37	16.5200	177	56.6500	1481.59 MB		97.06	11.00	15.10	26	1.00	978628	20.57	35.669		SMB
7	4:30	37	17.3500	178	3.5600	1371.04 MB		94.93	11.20	14.30	39	1.00	978613	20.71	35.691		TJR
7	5:00	37	17.9571	178	10.4683	1366.85 MB		95.17	11.10	9.40	52	1.00	978604	20.62	35.663		RA
7	5:30	37	18.6030	178	17.4692	1544.09 MB		94.80	11.20	10.70	32	1.00	978593	20.59	35.659		RA
7	6:00	37	19.3209	178	24.2089	2056.7 MB		95.19	11.30	12.40	24	1.00	978571	20.56	35.666		RA
7	6:30	37	20.7388	178	30.6300	1833.61 MB		151.37	11.40	16.80	7	1.00	978604	20.48	35.663		RA
7	7:00	37	25.5701	178	34.3581	1507.94 MB		150.33	11.30	11.90	15	1.00	978622	20.40	35.604		RA
7	7:30	37	30.5044	178	38.1243	359.74 MB		150.63	11.40	9.70	1	1.00	978669	20.24	35.602		RA
7	8:00	37	35.1656	178	41.7769	227.23 MB		149.70	11.10	11.20	342	1.00	978707	20.18	35.532		HJT
7	8:30	37	39.9888	178	45.0981	127.68 MB		164.70	10.30	14.80	337	1.00	978737	20.09	35.500		HJT
7	9:00	37	44.0391	178	41.6671	101.01 MB		215.70	10.40	7.50	317	1.00	978808	17.10	35.339		HJT
7	9:40	37	49.8355	178	37.0974	105.08 MB		210.00	10.30	8.00	342	1.00	978815	18.52	35.454		HJT
7	10:03	37	53.1577	178	34.3851	95.54 MB		213.10	9.40	10.10	331	1.00	978828	18.52	35.435		HJT
7	10:30	37	56.8689	178	31.0290	75.04 MB		217.20	8.00	8.20	346	1.00	978855	17.36	35.306		HJT
7	11:00	37	58.9500	178	30.3000	72.35 MB		177.70	4.30	5.80	276	1.00	978829	17.66	35.347		HLT
7	11:30	38	1.1100	178	30.4500	72.2 MB		173.40	3.10	3.70	297	1.00	978834	17.77	35.358		HLT
7	12:00	38	3.0300	178	30.6600	68.32 MB		174.30	4.50	5.60	302	1.00	978840	17.86	35.377		HLT
7	12:30	38	5.1400	178	30.9700	72.12 MB		173.00	4.40	6.20	329	1.00	978842	17.45	35.309		HLT
7	13:00	38	7.3800	178	31.2400	77.03 MB		175.10	4.30	5.30	324	1.00	978849	17.71	35.401		HLT
7	13:30	38	9.6600	178	31.5300	83.29 MB		174.30	4.90	5.70	305	1.00	978858	17.90	35.429		HLT
7	14:00	38	12.0800	178	31.9100	92.82 MB		179.34	4.80	3.80	314	1.00	978861	17.88	35.430		SMB
7																	

8	5:30	39	11.1905	178	54.7272	3431.29 MB	115.76	5.50	8.10	233	2.50	978965	19.01	35.480	RA	
8	6:00	39	12.5830	178	57.6091	3421.17 MB	115.17	5.20	8.20	225	2.50	978970	19.30	35.503	RA	
8	6:30	39	13.8919	179	0.4353	3406.39 MB	117.10	5.20	7.70	229	2.00	978974	19.35	35.516	RA	
8	7:00	39	15.1520	179	3.1569	3414.15 MB	115.00	4.52	6.60	231	2.00	978977	19.42	35.537	MG	
8	7:30	39	16.3383	179	5.8868	3494.78 MB	115.26	4.30	6.80	254	2.00	978981	19.45	35.534	MG	
8	8:00	39	17.5142	179	8.5663	3534.04 MB	117.96	4.26	4.20	251	2.00	978988	19.45	35.550	MG	
8	8:33	39	18.8368	179	11.7341	3474 MB	117.341	4.80	4.70	116	2.00	978997	19.25	35.577	JHE	
8	9:04	39	19.9128	179	14.5555	3456 MB	116.00	4.60	4.80	116	2.00	979004	19.55	35.577	JHE	
8	9:30	39	20.7209	179	16.7252	3460 MB	115.00	4.80	5.50	116	2.00	979003	19.42	35.558	JHE	
8	10:00	39	21.6920	179	19.4875	3488 MB	110.00	3.90	8.50	116	2.00	979012	19.34	35.556	JHE	
8	10:30	39	22.2961	179	21.6753	3564 MB	107.00	3.90	6.80	116	2.00	979017	19.32	35.555	JHE	
8	11:00	39	23.0500	179	24.4300	3450 MB	110.30	4.90	7.30	178	2.00	979019	19.22	35.548	HLT	
8	11:30	39	23.8300	179	27.4600	3447 MB	107.00	4.90	7.70	171	2.00	979022	18.99	35.530	HLT	
8	12:00	39	24.5300	179	30.4100	3414 MB	104.70	4.20	6.20	139	2.00	979034	18.80	35.517	HLT	
8	12:30	39	25.1400	179	33.0000	3384 MB	109.70	4.60	5.70	157	2.00	979034	18.62	35.507	HLT	
8	13:00	39	25.8200	179	35.7000	3381 MB	94.30	4.60	6.30	125	2.00	979043	18.44	35.509	HLT	
8	13:30	39	24.4300	179	38.1700	3387 MB	30.60	5.10	8.10	131	2.00	979051	18.49	35.508	HLT	
8	14:00	39	22.2500	179	39.8500	3289 MB	23.70	4.90	8.00	119	2.00	979056	18.66	35.508	HLT	
8	14:30	39	20.2268	179	39.2210	3129.36 MB	301.17	4.30	6.80	108	2.00	979090	18.79	35.512	SMB	
8	15:00	39	18.8500	179	37.1800	3177.87 MB	300.53	3.50	5.50	96	2.00	979081	18.96	35.545	TJR	
8	15:30	39	17.7100	179	35.4600	3321.63 MB	300.90	3.60	7.60	85	2.00	979078	19.15	35.559	TJR	
8	16:00	39	16.6900	179	33.6500	3454.38 MB	300.07	3.60	6.60	69	2.00	979068	19.26	35.563	TJR	
8	16:30	39	15.6855	179	31.7500	3531.28 MB	300.08	3.50	5.00	61	2.00	979063	19.33	35.564	TJR	
8	17:00	39	14.7700	179	29.8300	3567.08 MB	300.02	2.50	5.70	66	2.00	979059	19.35	35.563	TJR	
8	17:30	39	13.9052	179	27.9799	3516.67 MB	300.04	3.50	8.10	59	2.00	979061	19.28	35.563	RA	
8	18:00	39	13.0539	179	26.1567	3281.38 mb	300.34	2.73	8.80	56	2.00	979061	19.33	35.567	mg	
8	18:30	39	12.1566	179	24.0177	3273.07 MB	300.94	3.60	10.30	53	2.00	979063	19.30	35.566	RA	
8	19:00	39	11.1614	179	21.5290	3287.29 MB	309.62	4.60	12.30	54	2.00	979066	19.31	35.564	RA	
8	19:30	39	9.8249	179	19.2609	3343.59 MB	317.69	4.09	11.30	53	2.00	979060	19.29	35.561	MG	
8	20:00	39	8.3204	179	16.9471	3381.49 MB	311.99	4.60	15.00	41	2.00	979054	19.20	35.552	RA	
8	20:30	39	0.0006	179	14.5992	3433 MB	305.00	4.40	13.50	315	2.00	979047	19.25	35.546	JHE	
8	21:00	39	5.6952	179	12.3557	3469 MB	305.00	4.50	11.40	316	2.00	979043	19.23	35.542	JHE	
8	21:48	39	3.5898	179	8.5405	3504 MB	307.00	4.50	16.10	318	2.00	979033	19.28	35.545	JHE	
8	22:25	39	2.6748	179	6.7186	3506 MB	304.00	3.30	15.70	322	2.00	979023	19.43	35.550	JHE	
8	22:33	39	2.0311	179	5.7525	3505 MB	308.00	3.00	16.20	328	2.00	979019	19.45	35.542	JHE	
8	23:00	39	1.2900	179	4.3100	3494 MB	301.40	3.00	15.90	42	2.00	979018	19.40	35.528	HLT	
8	23:30	39	0.5400	179	2.7400	3494 MB	301.10	2.80	17.30	34	2.00	979014	19.41	35.527	HLT	
9	0:00	38	59.8100	179	1.2400	3489 MB	297.90	2.70	15.60	31	2.00	979013	19.43	35.526	HLT	
9	0:30	38	59.1400	178	59.8000	3469 MB	299.90	2.60	15.20	39	1.00	979013	19.42	35.513	HLT	
9	1:00	38	58.5100	178	58.4400	3442 MB	301.20	2.50	17.90	38	1.00	979015	19.47	35.510	HLT	
9	1:30	38	57.8400	178	56.9800	3129 MB	300.10	2.70	16.40	41	1.00	979020	19.28	35.507	HLT	
9	2:29	38	56.1600	178	53.3500	2320 MB	309.68	3.90	18.00	42	1.00	979045	19.62	35.490	TJR	
9	2:43	38	55.7300	178	52.4300	2344.48 MB	307.93	3.70	15.20	53	1.00	979049	19.72	35.498	TJR	
9	3:00	38	55.2100	178	51.2900	2281.3 MB	309.90	3.90	15.90	48	1.00	979052	19.67	35.496	TJR	
9	3:30	38	54.2600	178	49.2600	1608.7 MB	310.18	3.80	17.40	49	1.00	979068	19.75	35.498	TJR	
9	4:00	38	53.3200	178	47.2100	1253.62 MB	310.75	3.80	18.70	47	1.00	979080	19.72	35.499	TJR	
9	4:30	38	52.3100	178	45.0500	1312.11 MB	311.49	3.90	15.90	45	1.00	979079	19.67	35.501	TJR	
9	5:00	38	51.2026	178	42.6777	1036.23 MB	311.63	3.39	15.40	43	1.00	979081	19.71	35.505	MG	
9	5:30	38	50.1977	178	40.5291	989.16 MB	307.06	3.81	15.80	49	1.00	979080	19.74	35.504	MG	
9	6:00	38	49.2687	178	38.5355	532 MB	307.92	3.78	13.60	47	1.00	979090	19.89	35.516	MG	
9	6:30	38	48.2549	178	36.3699	788038 MB	306.21	3.87	12.50	49	1.00	979081	19.88	35.355	MG	
9	7:00	38	47.1234	178	33.9581	879.56 MB	304.19	3.83	11.00	63	1.00	979067	19.74	35.340	MG	
9	7:30	38	46.0167	178	37.5798	777.09 MB	306.95	4.40	12.00	63	1.00	979060	19.77	35.542	MG	
9	8:00	38	44.9166	178	29.2400	576.06 MB	304.39	4.00	11.40	52	1.00	979056	19.79	35.530	MG	
9	8:30	38	43.7616	178	26.7787	345.99 MB	299.90	4.60	8.00	59	1.00	979055	19.59	35.484	HJT	
9	9:03	38	42.3742	178	24.0318	100 MB	306.00	4.70	10.00	308	1.00	979063	19.16	35.333	JHE	
9	9:52	38	38.9337	178	23.1640	72 MB	6.00	4.50	7.30	8.2	1.00	979017	18.22	35.262	JHE	
9	10:00	38	38.3529	178	23.2571	71 MB	8.00	4.70	9.30	12.9	1.00	979014	18.18	35.261	JHE	
9	10:36	38	35.8078	178	24.3804	78 MB	19.70	4.40	8.80	24.5	1.00	979005	18.94	35.460	JHE	
9	11:00	38	34.1000	178	24.9800	74.93 MB	13.10	4.60	7.00	62	1.00	979005	19.07	35.419	HLT	
9	11:30	38	31.8300	178	25.7300	83.07 MB	16.20	4.70	2.50	279	1.00	978993	18.50	35.441	HLT	
9	12:04	38	29.2000	178	26.6500	79.31 MB	11.70	4.90	3.40	247	1.00	978989	18.85	35.402	HLT	
9	12:30	38	27.0300	178	27.1400	75.08 MB	9.70	5.10	4.90	230	1.00	978980	18.42	35.373	HLT	
9	13:00	38	24.7200	178	27.8600	74.16 MB	18.40	4.60	6.70	195	1.00	978967	18.42	35.333	HLT	
9	13:30	38	22.4200	178	28.9300	72 MB	35.70	5.20	7.00	177	1.00	978951	18.15	35.355	MG	
9	14:00	38	21.7654	178	31.5742	76.24 MB	113.34	4.30	8.60	180	1.00	978940	18.47	35.241	SMB	
9	14:30	38	23.6596	178	32.3907	83.63 MB	199.87	5.00	3.80	211	1.00	978987	18.77	35.413	SMB	
9	15:00	38	25.9317	178	31.2121	90.04 MB	211.50	4.30	5.80	212	1.00	978999	18.01	35.248	SMB	
9	15:30	38	27.7557	178	29.7534	89.82 MB	211.50	4.40	5.00	195	1.00	979009	18.79	35.287	SMB	
9	16:00	38	29.5769	178	28.3505	85.21 MB	210.56	4.30	4.50	193	1.00	979011	19.21	35.396	SMB	
9	16:30	38	31.4336	178	26.9214	85.65 MB	210.24	4.50	4.70	192	1.00	979013	18.52	35.403	SMB	
9	17:00	38	33.4108	178	25.4390	81.08 MB	209.59	2.24	8.10	20.9	1.00	979018	18.68	35.444	MG	
9	17:30	38	35.5849	178	23.9303	74.55 MB	208.90	4.07	2.70	200	1.00	979025	19.15	35.437	MG	
9	18:00	38	37.6195	178	23.4135	66.94 MB	154.72	4.26	6.50	237	1.00	979009	19.01	35.456	MG	
9	18:30	38	38.9913	178	25.8431	77.79 MB + AIRGUN	114.86	3.07	8.80	241	1.00	979011	19.26	35.482	SHOOTING BEGINS AT LINE MGL1801M1196	
9	19:00	38	40.0294	178	28.1258	234.24 MB + AIRGUN	120.92	4.08	8.80	252	1.00	979009	19.33	35.480	MG	
9	19:30	38	41.1944	178	30.5930	454.27 MB + AIRGUN	3271	119.09	3.98	7.70	235	1.00	979009	19.62	35.492	MG
9	20:00	38	42.4280	178	33.2181	691.49 MB + AIRGUN	3092	121.00	4.60	2.90	174	0.50	979008	19.55	35.487	HJT
9	20:30	38	43.4786	178	35.4799	973.91 MB+AIRGUN	2941	120.90	4.40	1.60	189	0.50	979011	19.76	35.494	HJT
9	21:00	38	44.6335	178	37.9315	1006.31 MB+AIRGUN	2775	121.00	4.							

10	12:00	38	43.1200	178	25.8300	141 MB+AIRGUN	Shallow	3415	300.80	4.80	8.30	156	1.00	979136	19.72	35.482		HLT	
10	12:30	38	41.7287	178	23.5700	83 MB	Shallow		329.30	4.40	6.90	151	1.00	979153	19.16	35.488	EOL MGL1801 M1020	HLT	
10	13:00	38	39.9400	178	22.0300	54 MB	Shallow		335.30	4.40	6.70	161	1.00	979153	19.11	35.456		HLT	
10	13:30	38	38.0900	178	23.2200	66 MB	Shallow		69.20	4.50	2.80	206	1.00	979107	19.26	35.416		HLT	
10	14:00	38	38.5664	178	25.7560	64.17 MB	Shallow		123.70	4.70	7.20	172	1.00	979134	18.92	35.437		SMB	
10	14:38	38	40.1974	178	28.8670	322.3 MB+AIRGUN	Shallow	3395	121.30	4.70	8.40	165	1.00	979095	19.39	35.403		TJR	
10	15:00	38	41.0860	178	30.7680	483.11 MB+AIRGUN	Shallow	3268	121.60	4.70	7.90	170	1.00	979098	19.91	35.472		TJR	
10	15:30	38	42.2540	178	33.2424	671.87 MB+AIRGUN	medium	3099	121.10	4.50	13.70	180	1.00	979094	20.15	35.503		TJR	
10	16:00	38	43.4842	178	35.9000	987.64 MB+AIRGUN	medium	2920	120.50	4.70	14.20	180	1.00	979095	20.22	35.500		TJR	
10	16:31	38	44.7329	178	38.5949	1028.3 MB+AIRGUN	medium	2740	119.60	4.70	14.10	78	1.00	979112	20.42	35.512		TJR	
10	17:00	38	45.8660	178	41.0472	1007.05 MB+AIRGUN	medium	2573	120.70	4.70	17.80	175	1.00	979118	20.37	35.516		RA	
10	17:30	38	47.0326	178	43.5476	924.61 MB+AIRGUN	medium	2406	120.40	4.60	15.10	184	1.00	979120	20.48	35.542		RA	
10	18:00	38	48.2260	178	46.0961	1047.45 MB+AIRGUN	medium	2234	120.90	4.80	16.20	175	1.00	979146	20.20	35.570		RA	
10	18:30	38	49.4810	178	48.7914	1148.83 MB+AIRGUN	medium	2053	120.50	4.80	13.10	183	1.00	979181	20.04	35.558		RA	
10	19:00	38	50.8277	178	51.6394	1955.25 MB+AIRGUN	DEEP	1858	123.60	4.50	8.80	185	1.00	979268	20.10	35.546		MG	
10	19:30	38	51.9414	178	54.0135	2710.72 MB+AIRGUN	DEEP	1699	121.10	4.60	9.40	178	1.00	979256	19.78	35.515		RA	
10	20:00	38	53.0538	178	56.4510	3070.16 MB+AIRGUN	DEEP	1535	119.60	4.70	8.20	198	1.00	979228	19.50	35.511		HJT	
10	20:30	38	54.2552	178	59.0228	3469.31 MB+AIRGUN	DEEP	1361	120.20	4.70	5.60	216	1.00	979242	19.52	35.523		HJT	
10	21:02	38	55.5956	179	1.9155	3503.92 MB+AIRGUN	DEEP	1167	120.30	4.60	7.40	227	1.00	979223	19.53	35.532		HJT	
10	21:30	38	56.6930	179	4.2843	3515.93 MB+AIRGUN	DEEP	1009	120.10	4.80	7.10	238	1.00	979246	19.24	35.512		HJT	
10	22:00	38	57.8530	179	6.8590	3523.56 MB+AIRGUN	DEEP		121.30	4.60	8.70	250	1.00	979235	19.74	35.534	EOL MGL1801 M1204 at shot 879	HJT	
10	22:30	38	59.2023	179	9.1131	3518.58 MB	DEEP		156.90	4.60	10.30	255	1.00	979256	19.69	35.546	turning	HJT	
10	23:00	39	1.3308	179	8.6160	3510.36 MB	DEEP		219.40	4.60	9.50	245	1.00	979293	19.87	35.559	turning	HJT	
10	23:30	39	1.7400	179	5.7600	34970 MB	DEEP		297.10	4.80	12.50	229	1.00	979310	19.84	35.553		HLT	
11	0:00	39	0.8300	179	3.2400	3493 MB	DEEP		302.00	4.60	9.90	220	1.50	979284	19.36	35.523		HLT	
11	0:39	38	58.8000	178	59.8600	3470 MB+AIRGUN	deep	1128	300.90	4.80	8.20	224	1.00	979305	19.55	35.524	SOL MGL1801 M1028	HLT	
11	1:00	38	58.0000	178	58.1300	3357 MB+AIRGUN	deep	1245	301.00	4.90	7.00	212	1.00	979274	19.91	35.541		HLT	
11	1:30	38	56.8100	178	55.5500	2760 MB+AIRGUN	deep	1418	300.10	4.60	5.80	207	1.00	979291	19.91	35.519		HLT	
11	2:00	38	55.6400	178	52.9600	2354 MB+AIRGUN	deep	2344	299.70	4.50	6.10	210	1.00	979308	19.58	35.509		HLT	
11	2:30	38	54.4612	178	50.4548	2159.11 MB+AIRGUN	deep	1760	300.50	4.80	7.20	199	1.00	979327	20.32	35.517		SMB	
11	3:00	38	53.2749	178	47.8667	1233.82 MB+AIRGUN	deep	1933	301.00	4.70	6.20	176	1.00	979364	20.20	35.549		SMB	
11	3:30	38	52.0316	178	45.2077	1307.45 MB+AIRGUN	deep	2113	300.50	4.60	5.90	172	1.00	979365	20.37	35.568		SMB	
11	4:00	38	50.8496	178	42.6681	1028.21 MB+AIRGUN	deep	2284	301.10	4.70	4.50	163	1.00	979360	20.80	35.576		SMB	
11	4:37	38	49.4060	178	39.6050	945.71 MB+AIRGUN	medium	2490	303.70	4.30	3.80	155	1.00	979323	20.87	35.555		TJR	
11	5:00	38	48.5670	178	37.8300	584.81 MB+AIRGUN	medium	2610	301.40	4.20	4.80	126	1.00	979361	21.14	35.552		TJR	
11	5:30	38	47.4451	178	35.4536	885.58 MB+AIRGUN	medium	2772	301.40	4.50	3.80	80	1.00	979346	20.42	35.507		RA	
11	6:00	38	46.2692	178	32.9625	875.85 MB+AIRGUN	medium	2940	300.60	4.60	1.20	86	1.00	979334	20.21	35.501		RA	
11	6:34	38	44.9052	178	30.0439	624.68 MB+AIRGUN	medium	3137	301.80	4.60	3.80	70	1.00	979319	19.85	35.498		RA	
11	7:00	38	43.8662	178	27.8364	421.52 MB+AIRGUN	Shallow	3287	300.60	4.00	4.50	60	1.00	979317	20.10	35.495		RA	
11	7:30	38	42.8503	178	25.6690	131.99 MB+AIRGUN	Shallow	3432	300.70	4.40	4.60	55	1.00	979342	20.30	35.495	EOL MGL1801 M1028 at shot 3525	RA	
11	8:00	38	41.5838	178	23.3919	80.69 MB+AIRGUN	Shallow		327.10	4.30	4.70	31	1.00	979335	19.87	35.400		RA	
11	8:30	38	39.4238	178	22.2874	64 MB+AIRGUN	Shallow		353.00	4.80	5.80	351	1.00	979309	19.63	35.325			
11	9:00	38	37.4518	178	23.5010	73	Shallow		74.00	7.00	7.00	76.5	1.00	979268	19.69	35.479			
11	9:30	38	38.4600	178	26.1000	68	Shallow		135.00	4.80	5.70	132	1.00	979288	20.54	35.497			
11	10:00	38	39.8309	178	28.4950	236	Shallow		123.00	4.60	4.80	120	1.00	979287	20.50	35.499			
11	10:30	38	41.0684	178	31.1076	497	Shallow		120.00	4.70	4.30	115	1.00	979286	20.57	35.503			
11	11:00	38	42.2872	178	33.6908	707.39 MB+AIRGUN	MEDIUM	3076	120.80	4.40	4.20	357	1.00	979292	20.71	35.521	SOL MGL1801M1212 at shot 3415	HJT	
11	11:30	38	43.4200	178	36.1100	986 MB+AIRGUN	MEDIUM	2913	121.40	4.50	4.50	339	1.00	979281	20.49	35.544		HLT	
11	12:00	38	44.5600	178	38.5700	1020 MB+AIRGUN	deep	2746	122.50	4.60	6.80	342	1.00	979300	21.05	35.560		HLT	
11	12:30	38	45.7800	178	41.1600	1008 MB+AIRGUN	deep	2572	120.90	4.80	4.90	296	0.50	979321	20.93	35.571		HLT	
11	13:00	38	46.9884	178	43.7627	940 MB+AIRGUN	medium	2392	120.20	4.70	1.60	307	1.00	979309	20.51	35.559		HL	
11	13:00	38	48.2000	178	46.3800	983 MB+AIRGUN	medium	2221	120.30	4.80	2.30	293	1.00	979313	20.41	35.535		HLT	
11	14:01	38	49.4200	178	49.0100	1164.67 MB+AIRGUN	deep	2043	120.30	4.60	2.00	155	1.00	979317	20.13	35.503		TJR	
11	14:30	38	50.5500	178	51.4900	1863.37 MB+AIRGUN	deep	1879	121.10	4.60	3.70	141	1.00	979297	20.15	35.517		TJR	
11	15:01	38	51.8033	178	54.1424	2945.84 MB+AIRGUN	deep	1698	120.20	4.70	3.10	33	1.00	979275	20.01	35.525		TJR	
11	15:30	38	52.9300	178	56.5800	3290.93 MB+AIRGUN	deep	1535	121.00	4.50	4.20	63	1.00	979255	20.04	35.516		TJR	
11	16:00	38	54.1290	178	59.1608	3472.64 MB+AIRGUN	deep	1361	120.50	4.70	1.80	349	1.00	979248	19.80	35.511		TJR	
11	16:31	38	55.3298	178	1.7618	3502.58 MB+AIRGUN	deep	1186	120.50	4.60	1.70	274	1.00	979250	20.00	35.542		TJR	
11	17:00	38	56.5195	179	4.3441	3520.49 MB+AIRGUN	DEEP		1012	120.00	4.40	4.60	136	1.00	979251	19.93	35.547		MG
11	17:30	38	57.6579	179	6.7967	3522.68 MB+AIRGUN	DEEP	END OF	123.10	4.60	2.40	171	1.00	979257	19.83	35.350		MG	
11	18:00	38	58.8199	179	9.1823	3517 MB+AIRGUN	deep		131.40	4.60	4.90	168	1.00	979272	19.83	35.537		MG	
11	18:30	38	0.9899	179	9.1345	3511.75 MB+AIRGUN	deep		211.50	4.60	7.30	151	1.00	979312	19.83	35.537		MG	
11	19:00	39	1.7944	179	6.6252	3503.49 MB+AIRGUN	deep		297.50	3.77	5.20	141	1.00	979317	20.02	35.532		MG	
11	19:30	39	0.6209	179	4.1505	3497.37 MB+AIRGUN	deep		301.60	4.60	6.90	129	1.00	979310	20.02	35.542		MG	
11	20:00	38	59.3851	179	1.5515	3492 MB+AIRGUN	deep	1023	300.40	4.80	4.60	153	1.00	979308	20.06	35.549	SOL MGL1801 M1036	RA	
11	20:40	38	57.7421	178	57.9685	3296.25 MB+AIRGUN	DEEP	1263	299.60	4.80	5.10	140	1.00	979313	19.85	35.513		HJT	
11	21:00	38	56.9858	178	56.3319	3180.15 MB+AIRGUN	DEEP	1373	302.40	4.70	6.20	124	1.00	979318	20.10	35.528		HJT	
11	21:30	38	55.7515	178	53.6237	2313.34 MB+AIRGUN	DEEP	1554	299.50	4.80	7.10	133	1.00	979336	19.80	35.516		HJT	
11	22:00	38	54.5546	178	51.0667	2160.55 MB+AIRGUN	DEEP	1727	300.30	4.90	6.90	116	1.00	979353	20.10	35.509		HJT	
11	22:30	38	53.3453	178	48.4418	1213.8 MB+AIRGUN	DEEP	1904</											

12	18:33	38	51.8188	178	45.5443	1313.95	MB+AIRGUN	MEDIUM	2104	300.90	4.80	15.00	71	1.00	979370	20.24	35.527	RA
12	19:00	38	50.7802	178	43.2948	1008.74	MB+AIRGUN	medium	2256	300.70	4.38	12.00	79	1.00	979347	20.45	35.560	MG
12	19:30	38	49.6066	178	40.7536	850.58	MB+AIRGUN	medium	2426	301.00	4.50	12.40	63	1.00	979371	20.68	35.593	RA
12	20:00	38	48.4448	178	38.3437	880.71	MB+AIRGUN	medium	2590	302.50	4.30	15.30	44	1.00	979373	20.76	35.582	RA
12	20:30	38	47.2807	178	35.9190	844.72	MB+AIRGUN	medium	2755	301.20	4.60	17.00	45	1.00	979370	20.61	35.531	HJT
12	21:00	38	46.1258	178	33.4523	887.33	MB+AIRGUN	MEDIUM	2923	301.00	4.50	15.60	46	1.00	979361	20.71	35.546	HJT
12	21:43	38	44.4658	178	29.8777	643.5	MB+AIRGUN	SHALLOW	3162	299.50	4.40	14.40	31	1.00	979353	20.40	35.526	HJT
12	22:00	38	43.7971	178	28.4228	486.62	MB+AIRGUN	SHALLOW	3260	300.10	4.50	15.90	32	1.00	979354	20.30	35.511	HJT
12	22:43	38	42.1902	178	25.0696	113.62	MB+AIRGUN	SHALLOW	3488	300.40	4.40	16.90	25	1.00	979359	19.91	35.433	HJT
12	23:00	38	41.4158	178	23.8860	81.25	MB	SHALLOW		339.10	4.50	14.50	36	1.00	979351	19.63	35.416	HJT
12	23:30	38	39.4966	178	22.1607	57.21	MB+AIRGUN	SHALLOW		103.00	4.70	13.40	18	1.00	979333	19.66	35.475	Airgun on turn for OBS
13	0:00	38	37.5018	178	22.6657	68.98	MB+AIRGUN	SHALLOW		64.50	4.60	16.30	15	1.00	979285	19.59	35.405	Midnight
13	0:30	38	38.0494	178	25.3044	55.77	MB+AIRGUN	SHALLOW		118.70	4.50	12.20	35	1.00	979298	20.16	35.418	HLT
13	1:00	38	39.1916	178	27.9367	130.52	MB+AIRGUN	SHALLOW	3480	120.50	4.70	16.00	32	1.00	979304	20.51	35.456	SOL MGL1801M1228
13	1:30	38	40.3256	178	30.3002	362.32	MB+AIRGUN	SHALLOW	3320	121.30	4.60	16.00	31	1.00	979304	20.67	35.468	HLT
13	2:00	38	41.5282	178	32.8443	508.6	MB+AIRGUN	Shallow	3147	121.00	4.80	16.60	42	1.00	979307	20.16	35.423	SMB
13	2:30	38	42.7407	178	35.4786	927.86	MB+AIRGUN	medium	2970	125.00	4.80	17.50	47	1.00	979310	21.37	35.443	SMB
13	3:00	38	43.9400	178	38.0080	1019.87	MB+AIRGUN	medium	2798	120.70	4.70	15.80	41	1.00	979319	21.43	35.458	TJR
13	3:30	38	45.1306	178	40.6071	1009.85	MB+AIRGUN	medium	2625	118.50	4.70	14.40	43	1.00	979317	offline	offline	SMB
13	4:00	38	46.3632	178	43.2630	1003.17	MB+AIRGUN	medium	2445	119.50	4.80	19.20	45	1.00	979331	offline	offline	SMB
13	4:30	38	47.5800	178	43.8700	1060.7	MB+AIRGUN	medium	2269	121.70	4.90	18.20	43	1.00	979339	offline	offline	TJR
13	5:00	38	48.7951	178	48.4807	982.92	MB+AIRGUN	medium	2094	120.60	4.80	18.40	41	1.00	979347	20.62	35.443	SMB
13	5:30	38	50.1084	178	51.3028	1802.58	MB+AIRGUN	DEEP	1900	120.60	4.53	18.90	41	1.00	979321	20.14	35.409	MG
13	6:00	38	51.2041	178	53.6485	2518.29	MB+AIRGUN	DEEP	1745	120.70	4.50	16.40	43	1.00	979302	20.06	35.425	RA
13	6:30	38	52.3860	178	56.1712	3100.04	MB+AIRGUN	deep	1575	119.90	4.70	19.20	41	1.00	979266	20.26	35.495	MG
13	7:00	38	53.5788	178	58.6975	3482.24	MB+AIRGUN	deep	1405	120.40	4.34	14.90	53	1.00	979223	19.82	35.349	MG
13	7:30	38	54.7195	178	1.2089	3502.64	MB+AIRGUN	deep	1237	121.10	4.44	13.50	37	1.00	979223	19.79	35.363	MG
13	8:00	38	55.9000	178	3.7741	3526	MB+AIRGUN	DEEP	1064	121.00	4.50	15.90	112	1.00	979233	20.03	35.358	
13	8:30	38	56.9675	179	6.1157	3532	MB+AIRGUN	DEEP	908	120.00	4.50	17.30	111	1.00	979249	19.56	35.326	eol
13	9:00	38	58.2147	179	8.7442	3532		0 deep		120.00	4.50	15.50	112	1.00	979281	19.83	35.312	
13	9:30	39	0.1031	179	9.8100	3525		testing		202.00	4.80	14.00	203	1.00	979321	19.93	35.435	check water column at 09:45 knudsen return loss
13	10:05	39	1.6094	179	7.0643	3512		deep		290.00	4.90	14.20	299	1.00	979333	20.05	35.494	
13	10:34	39	0.4158	179	4.5356	3511		deep		302.00	4.70	14.90	310	1.00	979323	19.86	35.448	
13	11:00	38	59.3412	179	2.2283	3494.22	MB+AIRGUN	deep	991	302.60	4.80	17.50	17	1.00	979320	19.79	35.390	HLT
13	11:30	38	58.1170	178	59.5850	3470.53	MB+AIRGUN	deep	1168	301.30	4.70	15.60	16	1.00	979318	19.69	35.377	HLT
13	12:00	38	56.8955	178	56.9717	3209.99	MB+AIRGUN	deep	1344	300.90	4.70	15.80	22	1.00	979325	19.73	35.374	HLT
13	12:30	38	55.5657	178	54.0516	2261.96	MB+AIRGUN	deep	1541	300.40	4.70	15.40	19	1.00	979343	19.63	35.484	HLT
13	13:00	38	54.5459	178	51.8425	2234.3	MB+AIRGUN	deep	1688	299.90	4.70	15.80	15	1.00	979341	19.87	35.481	HLT
13	13:30	38	53.3727	178	49.3155	1526	MB+AIRGUN	deep	1858	300.50	4.70	16.30	10	1.00	979363	19.86	35.474	HLT
13	14:00	38	52.2063	178	46.7601	1328.29	MB+AIRGUN	MEDIUM	2029	299.50	4.70	16.90	5	1.00	979375	20.28	35.515	SMB
13	14:30	38	51.0127	178	44.1489	965.72	MB+AIRGUN	medium	2204	299.80	4.70	15.10	9	1.00	979378	20.35	35.537	SMB
13	15:00	38	49.8477	178	41.5999	913.69	MB+AIRGUN	medium	2375	301.40	4.70	18.20	1	1.00	979387	20.30	35.489	SMB
13	15:30	38	48.6838	178	39.1080	1082.99	MB+AIRGUN	medium	2543	301.50	4.40	16.40	2	1.00	979366	20.35	35.475	SMB
13	16:00	38	47.4665	178	36.6473	812.02	MB+AIRGUN	medium	2712	300.90	4.70	17.50	2	1.00	979364	20.18	35.468	SMB
13	16:30	38	46.2604	178	34.0726	909.22	MB+AIRGUN	medium	2886	301.10	4.60	17.50	1	1.00	979349	19.98	35.467	SMB
13	17:00	38	45.0849	178	31.5706	827.27	MB+AIRGUN	medium	3055	300.90	4.60	13.80	358	1.00	979341	20.03	35.469	RA
13	17:30	38	43.8763	178	28.9927	540.85	MB+AIRGUN	Shallow	3229	301.20	4.90	14.70	13	1.00	979341	19.99	35.452	RA
13	18:00	38	42.6660	178	26.4008	182.92	MB+AIRGUN	Shallow	3403	301.00	4.60	14.10	15	1.00	979346	19.74	35.431	EOL M1052
13	18:30	38	41.4601	178	23.8691	82.8	MB+AIRGUN	Shallow	3524	301.60	4.60	10.80	15	1.00	979346	19.57	35.407	RA
13	19:00	38	39.7452	178	22.3849	45.07	MB+AIRGUN	Shallow		9.10	4.60	3.10	1	1.00	979310	19.72	35.389	RA
13	19:30	38	37.6935	178	23.5374	67.13	MB+AIRGUN	Shallow	3378	63.20	4.70	9.20	5	1.00	979280	19.69	35.368	RA
13	20:00	38	38.2202	178	26.2333	72.97	MB+AIRGUN	Shallow		120.40	4.40	9.00	30	1.00	979296	19.66	35.332	RA
13	20:30	38	39.4218	178	28.8412	152.54	MB+AIRGUN	shallow	3427	119.50	4.70	11.00	21	1.00	979297	19.59	35.330	SOL MGL1801 M1236
13	21:00	38	40.5966	178	31.3892	466.04	MB+AIRGUN	Shallow	3256	121.00	4.50	12.50	21	1.00	979297	20.02	35.463	HJT
13	21:30	38	41.8389	178	34.0343	647.66	MB+AIRGUN	shallow	3077	121.00	4.80	14.20	21	1.00	979301	20.30	35.492	HJT
13	22:00	38	43.0346	178	36.5881	996.58	MB+AIRGUN	shallow	2904	120.60	4.60	13.40	29	1.00	979299	20.44	35.514	HJT
13	22:30	38	44.2188	178	39.1107	1019.45	MB+AIRGUN	shallow	2733	120.80	4.70	13.10	33	1.00	979303	20.63	35.516	HJT
13	23:00	38	45.4191	178	41.6766	994.23	MB+AIRGUN	shallow	2561	120.10	4.80	13.70	31	1.00	979315	20.79	35.517	HJT
13	23:30	38	46.6495	178	44.2903	941.39	MB+AIRGUN	shallow	2384	121.10	4.70	12.40	32	1.00	979325	20.83	35.542	HLT
14	0:00	38	47.8210	178	46.7666	872.51	MB+AIRGUN	shallow	2217	121.30	4.70	11.70	21	1.00	979331	20.64	35.541	HLT
14	0:30	38	49.0331	178	49.3357	1157.46	MB+AIRGUN	medium	2043	120.70	4.40	8.70	34	1.00	979325	20.41	35.500	HLT
14	1:00	38	50.1522	178	51.7558	1985	MB+AIRGUN	DEEP	1880	120.40	4.50	11.60	39	1.00	979300	20.35	35.484	HLT
14	1:30	38	51.3808	178	54.4161	2936	MB+AIRGUN	DEEP	1700	121.00	4.50	10.90	50	1.00	979280	19.83	35.423	HLT
14	2:00	38	52.4572	178	56.7277	3367.94	MB+AIRGUN	DEEP	1546	120.80	4.60	10.40	53	1.00	979270	19.86	35.351	SMB
14	2:32	38	53.7010	178	59.4190	3488.98	MB+AIRGUN	DEEP	1365	120.70	4.30	15.50	49	1.00	979263	20.71	35.374	TJR
14	3:02	38	54.7783	179	1.7699	3504.02	MB+AIRGUN	DEEP	1208	120.80	4.30	15.50	47	1.00	979267	19.97	35.230	TJR
14	3:30	38	55.8049	179	3.9927	3519.78	MB+AIRGUN	DEEP	1059	120.50	4.30	15.60	53	1.00	979262	19.67	35.232	TJR
14	4:00	38	56.8930	179	6.3411	3521.81	MB+AIRGUN	DEEP	901	120.40	4.40	15.70	54	1.00	979267	20.05	35.205	TJR
14	4:30	38	58.0223	178	8.7247	3524.6	MB+AIRGUN	DEEP		120.40	4.40	18.00	49	1.00	979282	20.08	35.249	TJR
14	5:00	38	5															

15	1:00	39	0.3510	179	9.6970	3513 MB	DEEP	212.40	4.90	16.00	71	1.00	979328	19.76	35.505		HLT	
15	1:30	39	1.5074	179	7.3315	3506 MB	DEEP	282.60	4.70	17.10	73	1.00	979333	19.96	35.426		HLT	
15	2:00	39	0.3272	179	4.7979	3504.93 MB	DEEP	300.50	4.70	14.50	65	1.00	979323	19.40	35.241		SMB	
15	2:30	38	59.0934	179	2.1658	3496.08 MB+AIRGUN	DEEP	300.80	4.90	14.30	57	1.00	979321	19.73	35.255	SOL MGL1801M1060	SMB	
15	3:00	38	57.8437	179	59.5564	3470.74 MB+AIRGUN	DEEP	1180	302.50	4.90	14.80	61	1.00	979323	19.73	35.279		SMB
15	3:30	38	56.5911	178	56.9485	3223.56 MB+AIRGUN	DEEP	1357	300.50	4.60	15.50	63	1.00	979326	19.72	35.294		SMB
15	4:00	38	55.4566	178	54.5619	2371.01 MB+AIRGUN	DEEP	1519	299.00	4.50	15.10	52	1.00	979339	19.44	35.295		SMB
15	4:30	38	54.2502	178	51.9438	2230.75 MB+AIRGUN	DEEP	1694	301.60	4.70	13.60	61	1.00	979348	19.81	35.388		TJR
15	5:00	38	53.0999	178	49.4754	1624.08 MB+AIRGUN	DEEP	1860	300.30	4.50	14.80	67	1.00	979365	19.79	35.400		SMB
15	5:30	38	52.0048	178	47.0207	1360.51 MB+AIRGUN	DEEP	2024	300.50	4.30	17.10	59	1.00	979380	20.26	35.493		RA
15	6:18	38	50.1936	178	43.1006	981.81 MB+AIRGUN	Shallow	2287	299.40	4.40	17.00	48	1.00	979384	20.16	35.510		RA
15	6:30	38	49.7616	178	42.1667	919.56 MB+AIRGUN	Shallow	2350	300.70	4.30	15.70	54	1.00	979383	20.60	35.522		RA
15	7:00	38	48.5806	178	39.5908	1084.56 MB+AIRGUN	Shallow	2525	299.60	4.40	18.30	48	1.00	979378	20.62	35.515		RA
15	7:30	38	47.5322	178	37.3941	841 MB+AIRGUN	Shallow	2672	301.10	4.30	18.50	44	1.00	979378	20.32	35.530		RA
15	8:00	38	46.4600	178	35.0972	935 MB+AIRGUN	Shallow	2827	300.90	4.50	18.30	55	1.00	979370	20.45	35.492		RA
15	8:30	38	45.3573	178	32.7515	878.71 MB+AIRGUN	Shallow	2986	300.60	4.60	17.50	47	1.00	978969	20.40	35.483		HJT
15	9:01	38	44.0105	178	29.8898	657.65 MB+AIRGUN	Shallow	3180	300.70	4.70	19.90	50	1.00	978963	20.04	35.330		HJT
15	9:30	38	42.8359	178	27.4119	400.46 MB+AIRGUN	Shallow	3347	301.00	4.80	18.90	41	1.00	978965	20.10	35.350		HJT
15	10:00	38	41.5577	178	24.8205	91.17 MB+AIRGUN	Shallow	3524	304.00	4.80	17.80	40	1.00	978972	19.80	35.371	EOL MGL 1801M1060 SP3524	HJT
15	10:30	38	40.0638	178	22.6067	63.25 MB	Shallow	1024	344.50	4.60	15.40	39	1.00	978946	19.59	35.358		HJT
15	11:00	38	37.8088	178	23.1302	67.9 MB	Shallow	1055	38.50	4.50	9.60	28	1.00	978910	19.60	35.379		HJT
15	11:30	38	67.6882	178	25.8464	57.95 MB	Shallow	1087	119.70	4.60	19.30	54	1.00	978912	19.24	35.314		HLT
15	12:00	38	38.7291	178	28.1587	128.83 MB+AIRGUN	Shallow	3486	116.10	4.60	19.70	49	1.00	978913	19.73	35.312		HLT
15	12:30	38	38.9316	178	30.7176	373.84 MB+AIRGUN	Shallow	3313	119.50	4.80	18.50	41	1.00	978915	20.07	35.414		HLT
15	13:00	38	41.1821	178	33.3871	486.51 MB+AIRGUN	Shallow	3133	121.10	4.80	19.30	48	1.00	978919	20.10	35.418		HLT
15	13:30	38	42.3496	178	35.8851	903.03 MB+AIRGUN	Shallow	2965	120.70	4.60	20.10	50	1.00	978917	20.32	35.445		HLT
15	14:00	38	43.5450	178	38.4377	1014.66 MB+AIRGUN	MEDIUM	2731	120.20	4.70	20.90	47	1.00	978920	20.36	35.503		SMB
15	14:30	38	44.7382	178	40.9832	992.04 MB+AIRGUN	MEDIUM	2620	121.90	4.70	18.50	56	1.00	978930	20.26	35.518		SMB
15	15:00	38	45.8997	178	43.6696	1004.99 MB+AIRGUN	MEDIUM	2453	121.90	4.60	19.60	52	1.00	978942	20.23	35.523		SMB
15	15:30	38	47.0506	178	45.9340	1027.22 MB+AIRGUN	MEDIUM	2286	118.70	4.50	17.40	52	1.00	978947	20.40	35.520		SMB
15	16:00	38	48.1899	178	48.3850	803.56 MB+AIRGUN	Shallow	2121	120.50	4.40	18.40	53	1.00	978954	20.13	35.502		SMB
15	16:30	38	49.3331	178	50.8472	1825 MB+AIRGUN	DEEP	1955	121.10	4.50	18.60	45	1.00	978922	19.64	35.419		SMB
15	17:00	38	50.4985	178	53.3802	2347.28 MB+AIRGUN	DEEP	1785	121.20	4.70	20.70	48	1.00	978895	19.35	35.405		SMB
15	17:30	38	51.7161	178	55.9910	2931.5 MB+AIRGUN	DEEP	1609	119.80	4.70	18.50	46	1.00	978880	19.35	35.373		RA
15	18:00	38	52.8508	178	58.4391	3481.95 MB+AIRGUN	DEEP	1445	120.50	4.60	21.50	51	1.00	978870	19.39	35.358		RA
15	18:30	38	54.0653	179	1.0753	3505.44 MB+AIRGUN	DEEP	1268	121.20	4.60	20.30	49	1.00	978868	19.31	35.340		RA
15	19:00	38	55.2432	179	3.6106	3516.42 MB+AIRGUN	DEEP	1097	120.40	4.50	21.50	46	1.00	978870	19.40	35.286		RA
15	19:30	38	56.3659	179	6.0496	3527.36 MB+AIRGUN	DEEP	934	119.60	4.70	20.70	46	1.00	978876	19.37	35.268	EOL MGL1801 M1252	RA
15	20:00	38	57.3973	179	8.3044	3528.09 MB+AIRGUN	DEEP	126.10	3.90	23.50	46	1.00	978889	19.60	35.365		RA	
15	20:30	38	58.3222	179	10.2005	3512.78 MB+AIRGUN	DEEP	1012	130.00	3.70	18.30	45	1.00	978902	19.40	35.281		HJT
15	21:00	39	0.1339	179	9.9999	3518.16 MB+AIRGUN	DEEP	1107	228.10	4.20	20.30	56	1.00	978942	19.67	35.336	turning	HJT
15	21:30	39	1.3597	179	7.9552	3509.78 MB+AIRGUN	DEEP	1132	268.50	5.00	17.60	45	1.00	978946	19.68	35.372		HJT
15	22:00	39	0.3825	179	5.3292	3506.23 MB	DEEP	301.40	4.60	17.90	47	1.00	978932	19.59	35.362		HJT	
15	22:30	38	59.0652	179	2.4739	3498.23 MB+AIRGUN	DEEP	989	303.40	4.60	19.10	46	1.00	978927	19.38	35.255	SOL MGL1801 M1068 at 22:18	HJT
15	23:00	38	58.0303	179	0.2386	3482.22 MB+AIRGUN	DEEP	1139	300.40	4.60	15.70	51	1.00	978927	19.26	35.288		HJT
15	23:30	38	56.8860	178	57.7200	3213 MB+AIRGUN	DEEP	1310	300.60	4.60	18.60	37	1.00	978931	19.50	35.387		HLT
16	0:00	38	55.6338	178	55.2537	2619.6 MB+AIRGUN	DEEP	1479	300.30	4.60	21.50	46	1.00	978944	19.43	35.334		HL
16	0:30	38	54.3648	178	52.5917	2418.49 MB+AIRGUN	DEEP	1658	300.20	5.00	19.80	43	0.50	978958	19.41	35.346		HL
16	1:00	38	53.1289	178	49.9199	1853.41 MB+AIRGUN	DEEP	1838	301.40	5.10	16.60	32	1.00	978976	19.66	35.418		HL
16	1:30	38	51.9402	178	47.2917	1267.5 MB+AIRGUN	DEEP	2013	301.10	4.20	21.60	35	0.50	978992	20.04	35.484		HL
16	2:00	38	50.8407	178	44.9216	1060.25 MB+AIRGUN	medium	2174	300.70	4.30	19.40	41	1.00	978991	20.36	35.521		SMB
16	2:30	38	49.7862	178	42.5987	941.03 MB+AIRGUN	shallow	2328	300.30	4.20	19.00	34	1.00	978993	20.29	35.522		SMB
16	3:00	38	48.6919	178	40.2428	1082.69 MB+AIRGUN	medium	2486	302.50	4.30	20.20	36	1.00	978988	20.32	35.521		SMB
16	3:30	38	47.5870	178	37.8926	1019.29 MB+AIRGUN	medium	2645	300.60	4.40	22.10	32	1.00	978985	20.33	35.504		SMB
16	4:00	38	46.4481	178	35.4850	943.69 MB+AIRGUN	shallow	2808	299.90	4.30	22.30	34	1.00	978978	20.39	35.478		SMB
16	4:30	38	45.3254	178	33.1060	897.61 MB+AIRGUN	shallow	2969	301.80	4.20	20.50	37	1.00	978967	20.22	35.435		TJR
16	5:00	38	44.1627	178	30.6071	747.06 MB+AIRGUN	shallow	3138	300.20	4.70	24.00	38	1.00	978963	19.88	35.385		RA
16	5:30	38	43.0269	178	28.1801	484.63 MB+AIRGUN	shallow	3302	304.40	4.41	21.60	33	1.00	978963	19.19	35.291		MG
16	6:00	38	41.8325	178	25.6750	121.64 MB+AIRGUN	shallow	3472	301.30	4.40	22.00	35	1.00	978969	18.94	35.316		RA
16	6:30	38	40.6151	178	23.3551	77.64 MB+AIRGUN	shallow	2016	316.10	4.24	24.50	32	1.00	978962	18.66	35.330		MG
16	7:00	38	38.2977	178	22.8093	68.07 MB+AIRGUN	shallow	2002	24.30	4.11	19.70	20	1.00	978915	18.56	35.281		MG
16	7:30	38	37.3984	178	24.5742	64.66 MB+AIRGUN	shallow	2026	89.20	4.90	26.20	14	1.00	978901	19.02	35.295		RA
16	8:00	38	38.2272	178	27.5690	115.48 MB+AIRGUN	shallow	2046	130.90	4.80	23.00	31	1.00	978911	19.23	35.290		RA
16	8:44	38	40.0739	178	31.3787	426.19 MB+AIRGUN	shallow	3275	116.80	4.70	30.00	28	1.50	978916	20.00	35.399		HJT
16	9:00	38	40.7082	178	32.7420	409	shallow	3184	118.00	4.70	28.56	101	1.50	978918	20.13	35.415		JHE
16	9:30	38	41.8886	178	35.3096	779	shallow	3011	115.00	4.50	25.30	99	1.50	978917	20.43	35.506		JHE
16	10:06	38	43.3124	178	38.3323	1027	shallow	2806	121.00	4.80	26.40	106	1.50	978919	20.62	35.516		JHE
16	10:30	38	44.3204	178	40.4878	1011	shallow	2661	122.00	4.60	30.00	104	1.50	978927	20.52	35.511		JHE
16	11:00	38	45.5219	178	43.0779	952.26 MB+AIRGUN	shallow	2485	121.60	4.50	30.40	33	1.50	978940	20.25	35.501		HLT
16	11:30	38	4															

17	7:30	38	31.5004	178	31.6952	120.37 MB	Shallow	1.50	2.80	23.00	15	2.50	978919	18.99	35.197	RA	
17	8:00	38	30.1918	178	31.6095	114.84 MB	Shallow	356.80	2.60	24.50	13	2.50	978919	18.66	35.216	RA	
17	8:30	38	28.8513	178	31.4826	104.77 mb	Shallow	355.40	2.60	24.10	14	2.50	978912	18.42	35.247 WOW	HJT	
17	9:00	38	27.6635	178	31.3805	98.7 MB	Shallow	356.00	2.40	25.00	14	2.50	978910	18.36	35.256 WOW	HJT	
17	9:30	38	26.3984	178	31.3868	90.79 MB	Shallow	4.40	2.50	22.50	13	2.00	978901	18.30	35.265 WOW	HJT	
17	10:00	38	25.2425	178	31.5241	85.5 MB	Shallow	7.00	2.60	25.20	15	2.50	978897	18.78	35.374 WOW	HJT	
17	10:30	38	24.0266	178	31.6729	83.87 MB	Shallow	7.00	2.40	21.80	16	2.50	978890	18.83	35.371 WOW	HJT	
17	11:00	38	22.9434	178	31.7931	81.21 MB	Shallow	5.00	2.10	23.60	12	2.00	978881	18.66	35.350 WOW	HJT	
17	11:40	38	21.9717	178	30.3988	79.6 MB	Shallow	251.30	3.90	24.30	8	2.50	978900	18.38	35.348 WOW	HJT	
17	12:30	38	25.1066	178	28.1899	74.5 MB	Shallow	199.00	4.90	26.20	16	2.50	978899	17.45	35.281 WOW heading back to line	HLT	
17	13:00	38	27.4449	178	27.1378	73.02 MB	Shallow	199.90	4.80	24.10	17	2.50	978910	17.61	35.283	HLT	
17	13:30	38	30.0244	178	26.0586	79.54 MB	Shallow	197.00	4.70	22.30	17	2.00	978915	18.30	35.296	HLT	
17	14:00	38	31.8717	178	25.3755	74.32 MB	Shallow	195.00	4.70	23.70	24	2.00	978917	18.46	35.292	TJR	
17	14:33	38	34.4001	178	24.5612	73.98 MB	Shallow	187.30	4.60	22.20	21	2.00	978929	18.59	35.295	TJR	
17	15:00	38	36.3990	178	24.8388	65.57 MB	Shallow	150.60	4.60	22.50	23	2.00	978916	18.64	35.285 guns going out	TJR	
17	15:30	38	37.8015	178	26.9638	102.81 MB	Shallow	117.20	4.10	19.40	18	2.00	978911	18.78	35.235	TJR	
17	16:00	38	38.3534	178	29.2942	151.26 MB	Shallow	121.10	4.30	28.50	21	2.00	978918	18.96	35.230	TJR	
17	16:30	38	40.0050	178	31.6868	362.07 MB	Shallow	119.30	4.30	27.80	19	2.00	978919	19.15	35.307	TJR	
17	17:00	38	40.3500	178	33.0117	452.46 MB	Shallow	47.50	3.70	28.00	8	2.00	978925	19.34	35.404	TJR	
17	17:30	38	38.8109	178	34.3275	281.82 MB	Shallow	2.70	2.70	26.20	20	2.00	978946	19.29	35.378	MG	
17	18:00	38	37.3445	178	34.3515	193.9 MB	Shallow	357.70	2.80	22.60	13	2.00	978944	19.38	35.424	MG	
17	18:30	38	35.7006	178	34.3412	155.88 MB	Shallow	1.00	2.80	24.70	18	2.00	978943	19.27	35.432	MG	
17	19:00	38	34.2932	178	34.3487	146.39 MB	Shallow	0.00	2.97	23.60	16	2.00	978941	19.15	35.423	MG	
17	19:30	38	33.0200	178	34.3271	131.52 MB	shallow	355.20	2.75	26.00	17	2.00	978937	19.20	35.412	MG	
17	20:00	38	31.6674	178	34.3440	131.75 MB	shallow	3.00	2.21	23.70	13	2.00	978933	18.80	35.358	MG	
17	20:30	38	30.4112	178	34.4058	130 MB	shallow	359.00	2.50	22.00	5.6	2.00	978925	18.98	35.369		
17	21:00	38	28.9900	178	34.4029	116 MB	shallow	4.10	2.70	23.30	7	2.00	978920	18.96	35.359		
17	21:38	38	27.4070	178	34.3804	122 mb	shallow	1.90	2.70	21.90	7	2.00	978912	18.92	35.380		
17	22:00	38	26.4278	178	34.4162	116 mb	shallow	1.30	2.50	21.00	7	2.00	978905	18.90	35.375		
17	22:30	38	25.2159	178	34.4744	101 mb	shallow	1.00	2.50	21.00	6.2	2.00	978900	18.82	35.351		
17	23:00	38	23.9400	178	34.5200	98 mn	sahallow	4.80	2.90	22.00	4.5	2.00	978876	18.64	35.331		
17	23:30	38	22.4731	178	34.5437	93 mb	shallow	358.20	2.40	21.60	12	2.00	978892	18.92	35.359		
18	0:00	38	21.6591	178	35.9808	109.16 MB	shallow	105.80	4.70	27.00	16	2.00	978860	19.05	35.388	HLT	
18	0:30	38	22.9298	178	37.6903	129.4 MB	shallow	159.00	5.10	23.70	18	2.00	978886	19.19	35.399	HLT	
18	1:00	38	25.3808	178		37.047 MB	shallow	211.70	5.30	28.80	14	2.00	978925	19.04	35.384	HLT	
18	1:30	38	27.7720	178	35.2017	113.33 MB	shallow	211.60	5.50	26.30	13	2.00	978932	18.95	35.370	HLT	
18	2:00	38	29.9010	178	33.2670	118.07 MB	shallow	221.20	5.30	28.00	12	2.00	978939	18.96	35.367	SMB	
18	2:30	38	31.6113	178	30.6537	110.98 MB	shallow	236.70	4.80	23.70	13	2.00	978940	18.59	35.337	SMB	
18	3:00	38	32.7361	178	28.1982	103.7 MB	shallow	238.40	4.80	22.90	11	2.00	978938	18.30	35.364	SMB	
18	3:30	38	34.0234	178	25.6056	78.55 MB	shallow	232.50	4.60	24.20	8	2.00	978939	17.40	35.287	SMB	
18	4:00	38	36.0387	178	24.4166	73.4 MB	shallow	177.50	4.60	16.80	7	2.00	978924	17.83	35.283	SMB	
18	4:30	38	37.5052	178	26.1928	62.12 MB	shallow	112.50	4.40	22.90	14	2.00	978909	17.89	35.304	TJR	
18	5:00	38	38.8387	178	29.1002	148.46 MB+AIRGUN	shallow	3434	119.70	5.14	23.00	15	2.00	978912	18.64	35.388 ABORTED LINE RE-STARTED	MG
18	5:30	38	39.9522	178	31.4899	345.88 MB+AIRGUN	shallow	3274	119.70	4.90	26.60	12	2.00	978915	18.60	35.377	MG
18	6:30	38	42.2923	178	36.5653	946.35 MB+AIRGUN	shallow	2933	119.50	4.70	24.50	9	2.00	978916	19.89	35.501	RA
18	7:00	38	43.4760	178	39.0509	1026.72 MB+AIRGUN	shallow	2763	126.20	5.19	21.80	2	2.00	978920	19.93	35.505	MG
18	7:30	38	44.6854	178	41.7034	980.97 MB+AIRGUN	shallow	2587	124.30	4.80	23.70	352	2.00	978934	19.73	35.492	RA
18	8:00	38	45.8687	178	44.2110	997.02 MB+AIRGUN	shallow	2417	122.70	4.20	24.40	11	2.00	978943	19.67	35.487	MG
18	8:30	38	47.1161	178	46.8507	867.43 MB+AIRGUN	shallow	2238	118.80	4.70	24.80	14	2.00	978947	19.79	35.490	HJT
18	9:00	38	48.3023	178	49.4402	1005.9 MB+AIRGUN	shallow	2064	120.00	4.80	23.00	359	2.00	978944	19.95	35.502	HJT
18	9:37	38	49.8334	178	52.6884	2230.84 MB+AIRGUN	shallow	1844	120.70	4.70	25.60	18	2.00	978898	19.97	35.511	HJT
18	10:00	38	50.8557	178	54.8916	3012.46 MB+AIRGUN	shallow	1696	120.90	4.80	31.50	1	2.00	978883	19.94	35.520	HJT
18	10:30	38	51.9727	178	57.2618	3389.57 MB+AIRGUN	shallow	1536	120.00	4.70	28.40	3	2.00	978872	19.92	35.514	HJT
18	11:00	38	53.3444	179	0.1846	3498.44 MB+AIRGUN	shallow	1339	119.50	4.90	29.00	6	2.00	978866	19.69	35.440	HJT
18	11:33	38	54.5389	179	2.7535	3509 MB+AIRGUN	deep	1166	120.90	4.50	27.70	7	2.00	979968	19.47	35.386	HLT
18	12:00	38	55.5279	179	4.9066	3521 MB+AIRGUN	deep	1022	122.40	4.50	25.30	10	2.50	978872	19.61	35.431	HLT
18	12:30	38	56.7137	179	7.5559	3525 MB	deep	119.90	4.60	25.70	357	2.00	978878	19.63	35.453 EOL MGL1801 M1268A	HLT	
18	13:00	38	57.9082	179	10.0084	3522 MB	deep	134.00	4.70	22.60	359	1.50	978898	19.65	35.456	HLT	
18	13:30	39	0.2742	179	9.6822	3515 MB	deep	211.00	4.70	23.00	355	1.50	978938	19.24	35.321	HLT	
18	14:00	39	1.0000	179	7.4737	3510.24 MB	DEEP	290.00	4.60	26.70	3	1.50	978941	19.21	35.313	TJR	
18	14:30	38	59.7648	179	4.8045	3507.18 MB	DEEP	300.70	5.00	25.10	9	1.50	978933	19.50	35.432	TJR	
18	15:00	38	58.5101	179	2.0832	3495.65 MB+AIRGUN	DEEP	1029	300.70	4.80	23.00	5	2.00	978928	19.42	35.418 SOL MGL1801M1084	TJR
18	15:30	38	57.3155	178	59.4909	3479.64 MB+AIRGUN	DEEP	1203	299.90	4.80	25.00	3	2.00	978926	19.22	35.333	TJR
18	16:00	38	56.1418	178	56.9140	3259.39 MB+AIRGUN	DEEP	1376	300.40	4.60	26.60	2	2.00	978933	19.04	35.277	TJR
18	16:30	38	54.9601	178	54.4223	2419.02 MB+AIRGUN	DEEP	1545	300.90	4.80	20.60	358	2.00	978949	19.57	35.396	TJR
18	17:00	38	53.7763	178	51.8367	2244.04 MB+AIRGUN	DEEP	1718	300.50	4.70	24.70	4	2.00	978963	20.00	35.506	TJR
18	17:30	38	52.5555	178	49.2263	1517.63 MB+AIRGUN	DEEP	1893	300.00	4.60	25.50	2	2.00	978982	19.98	35.505	RA
18	18:00	38	51.3771	178	46.6968	1322.36 MB+AIRGUN	MEDIUM	2064	300.10	4.80	21.60	6	2.00	978993	19.92	35.503	RA
18	18:30	38	50.1408	178	44.0395	950.06 MB+AIRGUN	SHALLOW	2244	300.90	4.80	22.50	354	2.00	978997	19.66	35.485	RA
18	19:00	38	48.8844	178	41.3440	840.46 MB+AIRGUN	SHALLOW	2425	300.80	4.90	21.20	356	1.50	978994	19.51	35.480	RA
18	19:30	38	47.6929	178	38.7951	1081.79 MB+AIRGUN	SHALLOW	2597	300.50	4.70	17.00	350	1.50	978985	19.56	35.484	RA
18	20:00	38	46.4847	178	36.1958	917.15 MB+AIRGUN	SHALLOW	2772	299.30	4.50	16.30	358	1.50	978984	19.80	35.500	RA
18	20:30	38	45.3347	178	33.7500	923	shallow	2936	302.00	4.80	15.00	314	1.50	978970	19.59	35.492	
18	21:00	38	44.1500	178	31.2400	780	shallow	3105	299.00	4.50	10.00	315	1.50	978960	19.22	35.427	

19	15:00	38	47.4946	178	38.6889	1079.28	MB+AIRGUN	Shallow	2609	300.60	4.60	16.60	358	1.00	978984	20.28	35.529	SMB
19	15:30	38	46.3001	178	36.1065	961.72	MB+AIRGUN	Shallow	2783	300.50	4.70	13.00	1	1.00	978981	20.14	35.528	SMB
19	16:00	38	45.0941	178	33.5154	913.2	MB+AIRGUN	Shallow	2958	301.00	4.70	14.40	7	1.00	978970	19.91	35.511	SMB
19	16:30	38	43.8796	178	30.9328	751.09	MB+AIRGUN	Shallow	3132	301.20	4.60	13.40	4	1.00	978962	19.44	35.461	SMB
19	17:00	38	42.6674	178	28.3427	444.96	MB+AIRGUN	Shallow	3307	300.90	4.60	11.80	2	1.00	978962	19.25	35.442	SMB
19	17:30	38	41.4655	178	25.7900	118.2	MB+AIRGUN	SHALLOW	3481	301.20	4.59	10.80	353	1.00	978969	18.94	35.405	MG
19	18:00	38	40.1913	178	23.5684	78.55	MB+AIRGUN	Shallow	3393	303.50	4.57	10.50	356	1.00	978960	17.88	35.325	MG
19	18:30	38	38.1452	178	23.2077	67.88	MB+AIRGUN	Shallow	3361	14.20	4.77	8.60	344	1.00	978918	17.86	35.316	MG
19	19:00	38	36.7270	178	24.8969	65.23	MB+AIRGUN	Shallow	3332	87.60	4.27	10.60	2	1.00	978902	17.60	35.303	MG
19	19:30	38	37.7276	178	27.6350	117.87	MB+AIRGUN	SHALLOW		118.80	4.37	10.00	12	1.00	978909	18.48	35.379	MG
19	20:00	38	38.8240	178	29.9763	165.69	MB+AIRGUN	Shallow	3391	120.70	4.33	11.10	6	1.00	978917	19.43	35.469	MG
19	20:30	38	40.3813	178	33.2929	378.62	MB+AIRGUN	SHALLOW	3168	121.40	4.70	12.50	17	1.00	978920	19.73	35.492	HJT
19	21:00	38	41.2885	178	35.2307	670.3	MB+AIRGUN	SHALLOW	3037	121.20	4.70	13.70	11	1.00	978915	20.54	35.560	HJT
19	21:30	38	42.4380	178	37.6862	1013.5	MB+AIRGUN	SHALLOW	2871	121.50	4.70	12.00	8	1.00	978917	20.56	35.559	HJT
19	22:00	38	43.6423	178	40.2587	1023.72	MB+AIRGUN	SHALLOW	2697	121.20	4.70	12.60	11	1.00	978922	20.50	35.534	HJT
19	22:30	38	45.0271	178	43.2263	951.92	MB+AIRGUN	SHALLOW	2497	120.50	4.60	11.80	5	1.00	978938	20.64	35.549	HJT
19	23:00	38	46.1652	178	45.6648	943.28	MB+AIRGUN	SHALLOW	2333	120.60	4.60	13.10	2	1.00	978943	20.70	35.558	HJT
19	23:30	38	47.3484	178	48.2247	688	MB+AIRGUN	SHALLOW	2161	120.50	4.70	11.90	9	1.00	978951	20.75	35.563	HJT
20	0:00	38	48.3198	178	50.4625	2073	MB+AIRGUN	deep	1990	120.80	4.80	11.20	15	1.00	978913	20.78	35.562	HLT
20	0:30	38	49.7877	178	53.4654	2525	MB+AIRGUN	deep	1808	120.70	4.80	11.40	15	1.00	978892	20.82	35.558	HLT
20	1:00	38	50.9699	178	55.9447	2941	MB+AIRGUN	deep	1640	123.10	4.80	14.90	11	1.00	978877	20.77	35.550	HLT
20	1:30	38	52.2350	178	58.6430	3483	MB+AIRGUN	deep	1458	119.30	4.90	14.60	8	1.00	978866	20.71	35.535	HLT
20	2:00	38	53.4439	178	1.2256	3505.54	MB+AIRGUN	deep	1284	122.20	4.90	17.10	4	1.00	978863	20.57	35.518	SMB
20	2:30	38	54.6776	179	3.8357	3515.78	MB+AIRGUN	deep	1108	120.40	4.70	16.50	355	1.00	978870	20.59	35.516	SMB
20	3:00	38	55.8887	179	6.4601	3529.17	MB+AIRGUN	deep	931	121.10	4.80	16.20	2	1.00	978874	20.53	35.511	SMB
20	3:30	38	57.0784	179	9.1779	3523.82	MB+AIRGUN	deep	1011	120.40	4.60	19.20	349	1.00	978888	20.36	35.510	SMB
20	4:00	38	58.7914	179	10.6973	3431.61	MB+AIRGUN	deep	1040	188.80	4.40	18.70	355	1.00	978927	20.41	35.505	SMB
20	4:30	39	0.6700	179	8.9900	3516.95	MB	deep	1071	246.60	4.90	16.10	35.3	1.00	978942	20.31	35.499	TJR
20	5:00	38	59.9921	179	6.1302	3511.88	MB	deep	1096	300.90	4.80	17.10	6	1.00	978935	20.50	35.510	SMB
20	5:30	38	58.7882	179	3.4765	3502.88	MB+AIRGUN	deep	950	298.10	4.61	17.20	7	1.00	978927	20.60	35.516	MG
20	6:00	38	57.7151	179	1.1809	3493.89	MB+AIRGUN	deep	1104	300.10	4.46	16.40	6	1.00	978925	20.62	35.514	MG
20	6:30	38	56.4578	178	58.4833	3382.86	MB+AIRGUN	deep	1286	300.30	4.19	16.60	9	1.00	978925	20.58	35.508	MG
20	7:00	38	55.4100	178	56.2015	3009.51	MB+AIRGUN	deep	1439	300.50	4.20	15.90	9	1.00	978936	20.56	35.505	MG
20	7:30	38	54.2137	178	53.6006	2478.85	MB+AIRGUN	deep	1613	301.00	4.37	15.70	1	1.00	978950	20.42	35.498	MG
20	8:00	38	53.1124	178	51.1955	1974.81	MB+AIRGUN	deep	1775	302.10	4.45	15.10	1	1.00	978964	20.62	35.503	MG
20	8:30	38	51.9250	178	48.6492	1482		MEDIUM	1947	301.00	4.50	11.00	303	1.00	978983	20.74	35.518	JHE
20	9:00	38	50.7372	178	46.1315	1319.27	MB+AIRGUN	medium	2117	303.30	4.70	11.10	351	1.00	978991	20.66	35.522	hjt
20	9:30	38	49.5039	178	43.5020	978.65	MB+AIRGUN	SHALLOW	2294	300.40	4.60	10.60	344	1.00	978994	20.70	35.531	hjt
20	10:00	38	48.4375	178	41.1559	856		SHALLOW	2450	300.00	4.50	12.00	302	1.00	978991	20.80	35.545	JHE
20	10:30	38	47.2477	178	38.5822	1080		SHALLOW	2623	300.00	4.60	10.00	305	1.00	978983	20.89	35.563	JHE
20	11:00	38	46.0815	178	36.0762	970.57	MB+AIRGUN	shallow	2794	300.50	4.40	10.80	320	1.00	978976	20.71	35.543	hjt
20	11:30	38	44.5771	178	32.8597	887	MB+AIRGUN	SHALLOW	3011	300.60	4.60	10.50	318	1.00	978965	20.26	35.514	HLT
20	12:00	38	43.7211	178	31.0425	734	MB+AIRGUN	SHALLOW	3133	301.40	4.70	8.20	305	1.00	978963	20.01	35.488	HLT
20	12:30	38	42.5132	178	28.4523	452	MB+AIRGUN	SHALLOW	3307	301.10	5.00	3.50	314	1.00	978965	19.72	35.469	HLT
20	13:00	38	41.2887	178	25.7570	114	MB+AIRGUN	SHALLOW	3491	301.10	4.80	4.40	296	1.00	978969	19.18	35.423	HLT
20	13:30	38	39.7021	178	23.1430	68.39	MB+AIRGUN	SHALLOW	3379	336.20	4.30	15.80	288	1.00	978948	18.71	35.325	EOL MGL1100 turning
20	14:00	38	37.8228	178	23.3737	66.93	MB	SHALLOW	3353	9.40	4.10	2.90	292	1.00	978921	18.63	35.322	TJR
20	14:30	38	36.5809	178	25.2918	59.97	MB	SHALLOW	3321	96.60	4.30	4.90	344	1.00	978903	18.95	35.408	TJR
20	15:03	38	37.7584	178	28.0923	120.41	MB+AIRGUN	SHALLOW	3528	120.60	4.70	4.60	319	1.00	978909	18.96	35.391	SOL MGL1292
20	15:34	38	38.9041	178	30.5468	185.88	MB+AIRGUN	SHALLOW	3361	122.00	4.40	6.60	311	1.00	978918	20.14	35.486	TJR
20	16:00	38	39.9158	178	32.6991	319.36	MB+AIRGUN	SHALLOW	3216	119.80	4.50	5.40	336	1.00	978921	20.63	35.549	TJR
20	16:31	38	41.1848	178	35.3814	657.87	MB+AIRGUN	SHALLOW	3034	120.40	4.70	6.50	329	1.00	978918	20.99	35.575	TJR
20	17:00	38	42.3517	178	37.8300	1011.76	MB+AIRGUN	SHALLOW	2872	120.60	4.60	6.00	323	1.00	978916	21.01	35.581	TJR
20	17:30	38	43.4732	178	40.2472	1033.15	MB+AIRGUN	SHALLOW	2706	120.90	4.40	5.30	329	1.00	978922	21.00	35.585	RA
20	18:00	38	44.6341	178	42.7300	968.81	MB+AIRGUN	SHALLOW	2538	120.60	4.60	6.40	324	1.00	978936	20.96	35.580	RA
20	18:30	38	45.8248	178	45.2641	953.49	MB+AIRGUN	SHALLOW	2367	120.30	4.50	6.40	317	1.00	978944	20.97	35.580	RA
20	19:00	38	47.0359	178	47.8687	718.57	MB+AIRGUN	SHALLOW	2191	120.60	4.70	6.70	313	1.00	978949	20.93	35.573	RA
20	19:30	38	48.2790	178	50.5680	1830.13	MB+AIRGUN	DEEP	2010	118.30	4.70	7.60	275	1.00	978924	20.96	35.574	RA
20	20:00	38	49.3651	178	52.9278	2472.74	MB+AIRGUN	DEEP	1850	120.30	4.70	8.80	275	1.00	978895	20.99	35.575	RA
20	20:30	38	50.5776	178	55.5222	3019.32	MB+AIRGUN	DEEP	1676	121.40	4.70	7.90	268	1.00	978880	20.95	35.568	HJT
20	21:00	38	51.8212	178	58.2159	3488.21	MB+AIRGUN	DEEP	1495	119.30	4.80	10.10	265	1.00	978867	20.96	35.566	HJT
20	21:30	38	53.0669	179	0.9063	3504.98	MB+AIRGUN	DEEP	1314	123.40	4.70	9.10	273	1.00	978865	20.93	35.566	HJT
20	22:06	38	54.5293	179	4.0129	3515.27	MB+AIRGUN	DEEP	1105	120.40	4.90	9.10	252	1.00	978867	20.82	35.544	HJT
20	22:30	38	55.4419	179	5.9921	3526.02	MB+AIRGUN	DEEP	971	120.20	4.70	9.00	264	1.00	978872	20.57	35.518	HJT
20	23:00	38	56.5800	179	8.5558	3532.84	MB	DEEP	120.42	4.00	8.00	266	1.00	978884	20.61	35.509	HJT	
20	23:30	38	57.6587	179	10.6682	3347	MB	DEEP	121.30	3.50	8.80	248	1.00	978904	20.51	35.512	Array 1 on board	
21	0:00	38	58.4360	179	12.1712	2826	MB	DEEP	168.80	3.60	8.40	238	1.00	978934	20.21	35.446	HLT	
21	0:30	38	0.4113	179	11.8647	3164	MB	DEEP	210.50	3.80	8.00	261	1.00	978949	20.20	35.338	HLT	
21	1:00	38	1.3723	179	9.7634	3511	MB	DEEP	297.30	4.20	6.50	239	1.00	978947	20.12	35.398	HLT	
21	1:30	38	0.															

21	22:30	38	57.4681	179	1.4100	3496.53	MB+AIRGUN	deep	1102	299.20	4.40	12.20	354	1.00	978923	21.08	35.566	HJT
21	23:00	38	56.4775	178	59.2668	3461.98	MB+AIRGUN	deep	1248	300.70	4.40	13.50	359	1.00	978922	21.18	35.570	HJT
21	23:40	38	54.8408	178	55.7358	2884	MB+AIRGUN	deep	1483	300.80	4.60	14.40	359	1.00	978936	21.29	35.582	HJT
22	0:00	38	54.1487	178	54.2626	2565	MB+AIRGUN	deep	1583	301.00	4.70	12.30	356	1.00	978945	21.25	35.573	HLT
22	0:30	38	52.9499	178	51.6666	1945	MB+AIRGUN	deep	1758	300.70	4.70	11.20	352	1.00	978960	21.37	35.571	HLT
22	1:00	38	51.7578	178	49.1513	1594	MB+AIRGUN	deep	1928	301.30	4.60	13.90	352	1.00	978981	21.38	35.563	HLT
22	1:30	38	50.4130	178	46.3071	1297	MB+AIRGUN	deep	2119	301.20	4.60	12.20	352	1.00	978989	20.41	35.560	HLT
22	2:00	38	49.3952	178	44.1011	1026.53	MB+AIRGUN	medium	2268	300.80	4.60	13.20	4	1.00	978994	21.53	35.565	SMB
22	2:34	38	48.1132	178	41.3085	902.29	MB+AIRGUN	shallow	2456	300.90	4.60	11.50	356	1.00	978988	21.67	35.620	TJR
22	3:00	38	47.0800	178	39.0600	1074.05	MB+AIRGUN	shallow	2605	300.70	4.70	13.70	3	1.00	978981	21.66	35.554	TJR
22	3:30	38	45.9099	178	36.4849	969.04	MB+AIRGUN	shallow	2779	297.30	4.60	13.80	13	1.00	978977	21.71	35.546	TJR
22	4:00	38	44.7500	178	33.9818	936.03	MB+AIRGUN	shallow	2947	301.00	4.60	13.30	13	1.00	978967	21.71	35.538	TJR
22	4:30	38	43.5714	178	31.4755	757.17	MB+AIRGUN	shallow	3116	300.80	4.50	11.30	11	1.00	978961	21.53	35.534	TJR
22	5:00	38	42.4184	178	29.0216	494.65	MB+AIRGUN	shallow	3282	300.70	4.50	8.80	2	1.00	978960	21.05	35.502	TJR
22	5:30	38	41.2659	178	26.5684	126.84	MB+AIRGUN	shallow	3448	300.70	4.40	13.10	17	1.00	978968	20.80	35.519	EOL M1116 at shot 3525
22	6:00	38	40.0892	178	24.1574	82.04	MB+AIRGUN	shallow	1013	303.10	4.40	12.80	12	1.00	978959	20.43	35.479	RA
22	6:30	38	38.3873	178	22.6052	67.02	MB+AIRGUN	shallow	1043	8.00	4.70	4.30	359	1.00	978923	19.37	35.290	RA
22	7:00	38	36.4690	178	24.0748	71.12	MB+AIRGUN	shallow	1073	53.10	4.60	7.50	322	1.00	978904	20.26	35.463	RA
22	7:30	38	36.7609	178	26.7810	103.58	MB+AIRGUN	shallow	1088	120.60	4.80	6.50	324	1.00	978901	20.73	35.468	SOL M1308 at shot 3462
22	8:00	38	37.9904	178	29.3630	137.78	MB+AIRGUN	shallow	3456	121.70	4.70	4.40	23	1.00	978910	21.30	35.510	RA
22	8:30	38	39.3086	178	32.1744	255	MB+AIRGUN	shallow	3266	121.00	4.80	1.00	118	0.50	978920	21.52	35.520	jhe
22	9:00	38	40.4703	178	34.6434	518	MB+AIRGUN	shallow	3099	120.00	4.60	3.00	119	0.50	978919	21.42	35.528	jhe
22	9:30	38	41.7069	178	37.2471	900	MB+AIRGUN	shallow	2923	121.00	4.60	4.50	120	0.50	978916	21.58	35.534	jhe
22	10:00	38	42.8611	178	39.6999	1045	MB+AIRGUN	shallow	2756	120.00	4.70	4.50	118	0.50	978918	21.54	35.546	jhe
22	10:30	38	44.0416	178	42.2290	959	MB+AIRGUN	shallow	2586	119.00	4.70	8.00	117	0.50	978929	21.67	35.589	jhe
22	11:00	38	45.3790	178	45.1220	955	MB+AIRGUN	shallow	2390	121.00	436.00	10.60	279	0.50	978941	21.79	35.617	HLT
22	11:30	38	46.4204	178	47.3767	818	MB+AIRGUN	shallow	2239	121.20	4.80	11.10	286	0.50	978944	21.56	35.601	HLT
22	12:00	38	47.6549	178	49.9720	1122	MB+AIRGUN	medium	2063	119.80	4.70	9.00	288	1.00	978934	21.53	35.596	HLT
22	12:30	38	48.8110	178	52.5579	2538	MB+AIRGUN	DEEP	1890	121.30	4.80	9.20	358	1.00	978895	24.31	35.621	HLT
22	13:00	38	50.0670	178	55.2721	3039	MB+AIRGUN	DEEP	1708	120.40	4.80	8.20	354	1.00	978878	21.49	35.628	HLT
22	13:30	38	51.2770	178	57.8360	3489	MB+AIRGUN	DEEP	1535	120.73	4.80	10.10	332	1.00	978866	21.57	35.609	HLT
22	14:00	38	52.4909	179	0.4509	3507	MB+AIRGUN	DEEP	1359	120.70	4.80	11.10	337	1.00	978863	21.56	35.599	TJR
22	14:30	38	53.7195	179	3.0228	3515.72	MB+AIRGUN	DEEP	1185	122.40	4.80	11.80	336	1.00	978864	21.49	35.592	SMB
22	15:00	38	55.0487	179	5.8499	3526.17	MB+AIRGUN	DEEP	994	119.00	4.80	11.20	339	1.00	978869	21.33	35.575	SMB
22	15:30	38	56.1424	179	8.2672	3530.59	MB	deep		117.00	4.30	11.30	324	1.00	978881	21.16	35.567	SMB
22	16:00	38	57.3609	179	10.6991	3222.49	MB	deep		145.00	3.80	9.20	328	1.00	978907	20.68	35.511	SMB
22	16:30	38	58.9446	179	10.6702	3416.04	MB	deep		208.60	3.70	7.90	335	1.00	978935	20.78	35.508	SMB
22	17:00	39	0.4799	179	9.5239	3515.39	MB	deep		208.80	3.70	7.70	335	1.00	978932	20.78	35.505	SMB
22	17:30	39	1.8360	179	8.4465	3507.8	MB	deep		218.20	3.00	9.00	334	1.00	978927	20.63	35.425	RA
22	18:00	39	2.1842	179	6.2512	3500.59	MB	deep		298.30	4.80	8.50	330	1.00	978936	20.74	35.487	RA
22	18:30	39	0.9174	179	3.5824	3496.75	MB	deep		302.40	4.80	7.40	336	1.00	978933	20.92	35.503	SOL M1012 at shot 871
22	19:00	38	59.6993	179	1.0065	3486.57	MB+AIRGUN	DEEP	1040	301.00	4.80	8.50	345	1.00	978930	21.33	35.562	RA
22	19:30	38	58.4373	178	58.2620	3392.36	MB+AIRGUN	DEEP	1223	300.60	4.70	11.40	353	1.00	978935	21.37	35.578	RA
22	20:00	38	57.2868	178	55.7669	3035.46	MB+AIRGUN	DEEP	1390	300.80	4.70	10.20	355	1.00	978941	21.37	35.575	RA
22	20:30	38	56.0573	178	53.0932	2329.06	MB+AIRGUN	deep	1571	301.57	4.70	8.90	350	1.00	978958	21.37	35.561	HJT
22	21:06	38	54.5827	178	49.8806	2061.21	MB+AIRGUN	deep	1786	301.10	4.70	9.40	337	1.00	978972	21.53	35.587	HJT
22	21:30	38	53.5614	178	47.6667	1179.01	MB+AIRGUN	deep	1935	299.90	4.80	9.20	342	1.00	978990	21.57	35.601	HJT
22	22:00	38	52.2727	178	44.8666	1295.59	MB+AIRGUN	medium	2124	300.90	4.70	12.50	341	1.00	978991	21.48	35.584	HJT
22	22:30	38	51.2219	178	42.6109	1039.95	MB+AIRGUN	shallow	2275	300.60	4.70	12.40	345	1.00	978992	21.52	35.573	HJT
22	23:00	38	50.0509	178	40.0991	1000	MB+AIRGUN	shallow	2443	301.10	4.60	9.50	355	1.00	978990	21.50	35.563	HLT
22	23:35	38	48.6019	178	37.0561	643	MB+AIRGUN	shallow	2649	299.40	4.90	11.50	348	0.50	978901	21.46	35.552	HLT
23	0:00	38	47.7097	178	36.1429	855	MB+AIRGUN	shallow	2778	301.10	4.80	12.30	340	1.00	978983	21.51	35.545	HLT
23	0:30	38	46.3909	178	32.3612	844	MB+AIRGUN	shallow	2969	300.70	4.50	9.50	350	1.00	978970	21.44	35.532	HLT
23	1:00	38	45.0564	178	29.5156	598	MB+AIRGUN	shallow	3158	299.20	4.40	11.90	354	1.00	978966	21.21	35.516	HLT
23	1:30	38	44.0772	178	27.4219	448	MB+AIRGUN	shallow	3300	300.50	4.40	12.10	13	1.00	978965	20.92	35.495	HLT
23	2:00	38	42.9460	178	25.0432	124.58	MB+AIRGUN	shallow	3461	300.60	4.30	11.50	23	1.00	978970	20.09	35.411	SMB
23	2:30	38	41.9558	178	22.9772	77.23	MB	shallow		313.30	3.70	10.70	45	1.00	978961	19.66	35.342	SMB
23	3:00	38	40.2439	178	22.2425	60.85	MB	shallow		349.10	3.60	13.00	41	1.00	978937	19.40	35.370	SMB
23	3:30	38	38.5063	178	22.8516	63.17	MB	shallow		69.90	4.70	12.10	27	1.00	978898	19.39	35.404	SMB
23	4:00	38	39.1201	178	25.7359	82.04	MB	shallow		119.60	4.70	14.70	30	1.00	978912	20.04	35.342	SMB
23	4:30	38	40.3291	178	28.3782	278.45	MB+AIRGUN	shallow	3414	119.90	4.90	13.30	29	1.00	978915	21.12	35.482	SMB
23	5:00	38	41.5855	178	31.0546	565.22	MB+AIRGUN	SHALLOW	3234	123.70	4.40	12.70	30	1.00	978913	21.41	35.495	MG
23	5:30	38	42.7604	178	33.5550	760.15	MB+AIRGUN	SHALLOW	3065	120.00	4.51	13.40	25	1.00	978914	21.62	35.557	MG
23	6:00	38	43.9594	178	36.0997	989.1	MB+AIRGUN	shallow	2893	122.10	4.38	13.20	22	1.00	978919	21.74	35.564	MG
23	6:30	38	45.1409	178	38.6074	1033.06	MB+AIRGUN	shallow	2724	121.80	4.39	12.10	11	1.00	978926	21.81	35.595	MG
23	7:00	38	46.3285	178	41.1236	1020.01	MB+AIRGUN	shallow	2554	121.20	4.49	10.80	4	1.00	978932	21.75	35.572	MG
23	7:30	38	47.5467	178	43.7325	902.95	MB+AIRGUN	shallow	2378	119.80	4.80	11.00	357	1.00	978942	21.64	35.549	RA
23	8:00	38	48.7838	178	46.3739	1073.72	MB+AIRGUN	shallow	2198	120.00	4.60	8.50	7	1.00	978945	21.57	35.552	MG
23	8:30	38	49.9948	178	8.9876	1201	MB+AIRGUN	shallow	2023	120.00	4.70	8.00	115	1.00	978937	21.55	35.570	jhe
23	9:04	38																



24	5:00	38	48.4489	178	52.1698	2468.4	MB+AIRGUN	DEEP	1923	121.00	4.83	7.80	44	0.50	978901	22.22	35.585	MG
24	5:30	38	58.9500	178	54.6224	3186.59	MB+AIRGUN	DEEP	1759	120.20	4.75	9.30	43	0.50	978880	22.44	35.582	MG
24	6:49	38	52.7044	178	1.3437	3511.13	MB+AIRGUN	DEEP	1307	120.80	4.56	7.40	43	0.50	978863	21.95	35.615	MG
24	7:00	38	53.1048	178	2.2142	3514.84	MB+AIRGUN	DEEP	1248	120.20	4.87	8.20	40	0.50	978863	21.71	35.609	MG
24	7:30	38	54.3428	179	4.8633	3523.47	MB+AIRGUN	DEEP	1069	120.50	4.80	9.10	45	0.50	978868	21.96	35.585	RA
24	8:00	38	55.4810	179	7.2885	3532.46	MB+AIRGUN	DEEP	906	119.90	4.56	11.60	45	0.50	978875	22.49	35.575	MG
24	8:30	38	56.6194	179	9.7987	3526.28	MB+AIRGUN	DEEP	1021	121.00	4.40	11.20	34	0.50	978890	22.53	35.546	HJT
24	9:04	38	58.6262	179	10.8975	3280.41	MB+AIRGUN	DEEP	1055	206.80	4.30	9.10	42	0.50	978938	20.92	35.391	HJT
24	9:34	39	0.3144	179	9.1042	3517.29	MB+AIRGUN	DEEP	1085	253.80	4.70	8.90	26	0.50	978945	22.07	35.437	HJT
24	10:00	38	59.7108	179	6.7186	3516.36	MB	DEEP		300.80	4.90	7.30	40	0.50	978934	21.84	35.502	HJT
24	10:30	38	58.5265	179	4.0963	3506.67	MB	DEEP		297.90	4.60	6.70	56	0.50	978928	22.31	35.564	HJT
24	11:00	38	57.3527	179	1.5590	3500	MB+AIRGUN	DEEP	1100	300.20	4.70	3.60	47	0.50	978924	21.97	35.584	HLT
24	11:45	38	55.5657	178	57.6954	3398	MB+AIRGUN	DEEP	1359	300.60	4.40	2.00	100	1.00	978927	21.71	35.615	HLT
24	12:00	38	55.0533	178	56.5855	3165	MB+AIRGUN	DEEP	1433	300.70	4.50	2.40	45	1.00	978931	21.62	35.619	HLT
24	12:30	38	53.8321	178	53.9819	2654	MB+AIRGUN	DEEP	1609	300.80	4.60	3.50	131	1.00	978945	22.22	35.580	HLT
24	13:00	38	52.6761	178	51.4959	1893	MB+AIRGUN	DEEP	1776	300.90	4.50	4.30	109	1.00	978962	22.31	35.588	HLT
24	13:30	38	51.5839	178	49.1424	1550	MB+AIRGUN	DEEP	1935	300.10	4.50	3.40	133	1.00	978980	21.61	35.589	HLT
24	14:01	38	50.4238	178	46.6852	1283.04	MB+AIRGUN	medium	2101	301.7	4.40	2.20	118	1.00	978991	21.44	35.585	TJR
24	14:30	38	49.2829	178	44.2293	1060.33	MB+AIRGUN	medium	2266	301.70	4.40	4.60	109	1.00	978993	21.53	35.586	TJR
24	15:00	38	48.1571	178	41.8256	810.63	MB+AIRGUN	shallow	2429	300.40	4.40	3.40	108	1.00	978993	21.57	35.553	TJR
24	15:30	38	47.0450	178	39.4710	1066.4	MB+AIRGUN	shallow	2587	300.30	4.40	3.40	143	1.00	978980	21.46	35.551	TJR
24	16:00	38	45.9244	178	37.0251	967.1	MB+AIRGUN	shallow	2752	301.00	4.30	2.20	77	1.00	978978	21.97	35.587	TJR
24	16:31	38	44.7543	178	34.5402	951.66	MB+AIRGUN	shallow	2919	300.70	4.40	2.00	4	1.00	978969	22.07	35.530	TJR
24	17:00	38	43.6002	178	32.0688	772.1	MB+AIRGUN	shallow	3085	300.30	4.60	8.60	5	1.00	978964	22.28	35.572	TJR
24	17:30	38	42.4244	178	29.5604	532.17	MB+AIRGUN	SHALLOW	3256	300.90	4.63	7.40	333	1.00	978962	22.11	35.560	MG
24	18:00	38	41.2230	178	27.0050	135.04	MB+AIRGUN	SHALLOW	3428	301.20	4.50	8.80	323	1.00	978970	22.00	35.506	MG
24	18:30	38	40.0975	178	24.5577	86.27	MB+AIRGUN	SHALLOW	3394	300.20	4.70	6.80	354	1.00	978963	20.53	35.376	MG
24	19:00	38	38.5429	178	22.6911	66.03	MB+AIRGUN	SHALLOW	3365	355.90	4.53	5.30	32	1.00	978931	19.48	35.261	MG
24	19:30	38	36.4910	178	23.8987	72.59	MB+AIRGUN	SHALLOW	3334	34.30	4.70	4.40	355	1.00	978909	20.53	35.259	MG
24	0:00	38	36.2710	178	26.5340	95.39	MB+AIRGUN	SHALLOW	3305	121.10	4.64	6.50	30	1.00	978903	20.59	35.378	MG
24	20:30	38	37.4753	178	29.0912	128.19	MB+AIRGUN	SHALLOW		117.50	4.90	9.30	36	1.00	978909	21.59	35.555	HJT
24	21:00	38	38.7015	178	31.7400	199.77	MB+AIRGUN	SHALLOW	3310	121.80	4.80	9.10	17	1.00	978919	21.75	35.504	HJT
24	21:32	38	40.0134	178	34.5301	445.02	MB+AIRGUN	SHALLOW	3122	120.50	4.70	10.60	17	1.00	978921	21.52	35.575	HJT
24	22:00	38	41.1525	178	36.9341	766.74	MB+AIRGUN	SHALLOW	2958	120.80	4.60	10.70	14	1.00	978919	22.18	35.574	HJT
24	22:30	38	42.3219	178	39.4174	1038.32	MB+AIRGUN	SHALLOW	2789	121.30	4.60	12.90	13	1.00	978916	21.34	35.483	HJT
24	23:00	38	43.4560	178	41.8391	1010.93	MB+AIRGUN	SHALLOW	2626	120.30	4.50	12.20	14	1.00	978927	22.01	35.501	HJT
25	0:00	38	45.5209	178	46.5696	925.9	MB+AIRGUN	SHALLOW	2282	121.20	4.80	11.70	7	1.00	978943	22.36	35.516	simulated fire
25	0:30	38	47.1005	178	49.6263	1147	MB+AIRGUN	medium	2091	119.30	4.70	14.20	8	1.00	978934	22.60	35.562	HLT
25	1:00	38	48.2629	178	52.1844	2459	MB+AIRGUN	deep	1930	119.90	4.70	18.30	13	1.00	978901	22.40	35.590	HLT
25	1:30	38	49.4609	178	54.8138	3064	MB+AIRGUN	deep	1754	122.20	4.90	18.80	9	1.00	978878	22.26	35.598	HLT
25	2:00	38	50.6560	178	57.3692	3189.21	MB+AIRGUN	deep	1582	120.40	4.70	20.90	8	1.00	978869	22.20	35.611	SMB
25	2:30	38	51.8265	178	59.8765	3507.84	MB+AIRGUN	deep	1412	119.30	4.60	19.10	13	1.00	978864	22.20	35.613	SMB
25	3:00	38	53.0386	179	2.5097	3516.9	MB+AIRGUN	deep	1236	120.80	4.70	20.70	15	1.00	978863	22.23	35.613	SMB
25	3:33	38	54.4520	179	5.5177	3527.27	MB+AIRGUN	deep	1033	122.10	4.70	20.40	10	1.00	978867	22.22	35.591	SMB
25	4:00	38	55.3759	179	7.5374	3532.21	MB+AIRGUN	deep	898	119.50	4.70	22.40	10	1.00	978874	22.23	35.553	SMB
25	4:30	38	56.5740	179	10.1010	3523.6	MB	deep		120.70	4.70	19.80	21	1.00	978892	21.98	35.493	TJR
25	5:00	38	58.5081	179	11.0100	3354.65	MB	deep		207.90	4.40	24.00	13	1.00	978938	21.75	35.414	SMB
25	5:30	38	0.1649	178	9.2609	3514.76	MB	deep	1083	252.00	4.64	22.80	4	1.00	978945	21.91	35.444	MG
25	6:00	38	59.4566	178	6.5651	3516.99	MB	deep	1106	300.50	4.23	27.40	7	1.00	978933	22.24	35.541	MG
25	6:30	38	58.2196	178	3.8770	3507.28	MB	deep	1106	297.00	4.64	29.00	8	1.00	978927	21.99	35.573	MG
25	7:00	38	57.1950	179	1.6477	3496.68	MB+AIRGUN	deep	1101	299.10	4.37	30.10	5	1.50	978923	22.06	35.600	MG
25	7:30	38	55.9880	178	59.0560	3458.12	MB+AIRGUN	deep	1275	260.40	4.50	33.40	6	1.50	978924	21.90	35.609	RA
25	8:00	38	54.8357	178	56.5933	3161.45	MB+AIRGUN	deep	1441	298.10	4.38	28.10	11	1.50	978931	21.91	35.359	MG
25	8:30	38	53.6096	178	53.9647	2677	MB+AIRGUN	deep	1618	300.00	4.60	28.00	311	1.50	978946	21.85	35.586	JHE
25	9:00	38	52.2766	178	51.0771	1845	MB+AIRGUN	deep	1812	302.00	4.40	27.00	317	1.50	978964	21.75	35.584	JHE
25	9:33	38	51.2715	178	48.9163	1437	MB+AIRGUN	deep	1957	300.00	4.50	28.00	313	1.50	978983	21.71	35.580	JHE
25	10:17	38	49.5831	178	45.2333	1156	MB+AIRGUN	medium	2204	300.00	4.50	22.00	310	1.50	978993	21.65	35.530	JHE
25	10:30	38	49.1862	178	44.3789	1079	MB+AIRGUN	shallow	2263	310.00	4.60	22.00	310	1.50	978993	21.42	35.523	JHE
25	11:00	38	47.9092	178	41.6325	949.28	MB+AIRGUN	SHALLOW	2448	301.10	4.50	17.10	15	1.50	978992	21.31	35.519	HJT
25	11:30	38	46.7975	178	39.2633	1068	MB+AIRGUN	SHALLOW	2607	300.20	4.60	14.40	4	2.00	978981	21.28	35.502	HLT
25	12:00	38	45.4004	178	36.2701	989	MB+AIRGUN	SHALLOW	2808	300.70	4.60	15.3	2	2.00	978976	21.54	35.537	HLT
25	12:30	38	44.3776	178	34.0634	933	MB+AIRGUN	SHALLOW	2957	307.20	4.60	12.20	5	2.00	978967	21.73	35.553	HLT
25	13:00	38	43.2653	178	31.6654	734	MB+AIRGUN	SHALLOW	3119	308.30	4.50	14.70	5	2.00	978961	21.60	35.550	HLT
25	13:30	38	42.1116	178	29.2316	423	MB+AIRGUN	SHALLOW	3284	301.70	4.70	13.00	8	2.00	978962	21.57	35.511	HLT
25	14:00	38	40.9626	178	26.7918	128	MB+AIRGUN	SHALLOW	3449	300.60	4.40	11.50	9	1.50	978967	20.85	35.475	HLT
25	14:33	38	39.6610	178	24.0398	77.32	MB	shallow		301.00	4.50	10.80	15	2.00	978960	20.50	35.301	TURNING
25	15:00	38	37.9676	178	22.8522	67.44	MB	shallow		13.20	4.50	6.00	2	2.00	978921	20.20	35.289	TJR
25	15:30	38	36.0664	178	24.0069	71.6	MB	shallow		52.80	4.60	10.30	358	2.00	978905	20.44	35.283	TJR
25	16:00	38	36.2743	178	26.9415	104.72	MB	shallow		121.90	4.60	9.30	12	2.00	978902	21.09	35.325	TJR
25	16:30	38	37.4129	178	29.3701	130.85	MB	shallow										

26	12:30	38	46.0114	178	37.9676	943 MB+AIRGUN	shallow	2701	302.20	4.60	10.10	218	1.00	978981	20.75	35.400	HLT
26	13:00	38	44.8840	178	35.5637	979 MB+AIRGUN	shallow	2864	300.60	4.60	15.60	219	1.00	978972	20.74	35.439	HLT
26	13:30	38	43.7273	178	33.0889	865 MB+AIRGUN	shallow	3031	301.40	4.70	14.80	219	1.00	978964	21.37	35.506	HLT
26	14:00	38	42.5480	178	30.5424	633.93 MB+AIRGUN	shallow	3203	299.90	4.60	14.10	211	1.50	978960	21.42	35.513	TJR
26	14:30	38	41.3958	178	28.0455	205.7 MB+AIRGUN	shallow	3370	300.70	4.50	12.40	213	1.50	978964	21.63	35.527	TJR
26	15:00	38	40.2300	178	25.5800	97.14 MB	shallow		296.90	4.50	17.20	214	1.50	978966	21.84	35.546	EOLM1140 LSP 3525
26	15:30	38	38.9400	178	23.1950	67.72 MB	shallow		324.90	4.60	12.60	208	1.50	978949	21.04	35.377	TJR
26	16:00	38	36.7944	178	23.6559	72.33 MB	shallow		30.40	4.60	11.80	195	1.00	978910	21.12	35.394	TJR
26	16:30	38	35.6506	178	25.8413	60.7 MB	shallow		100.60	4.40	11.60	204	1.00	978901	21.27	35.480	TJR
26	17:00	38	36.6700	178	28.2100	116.6 MB	shallow		121.20	4.30	12.80	190	1.00	978907	21.65	35.540	TJR
26	17:30	38	37.8460	178	30.7201	151.07 MB+AIRGUN	shallow	3393	122.00	4.40	10.30	185	1.00	978918	21.35	35.505	SOL M1340 at shot 3437
26	18:00	38	39.0107	178	33.0653	291.18 MB+AIRGUN	shallow	3231	121.20	4.60	11.60	179	1.00	978924	21.21	35.367	RA
26	18:30	38	40.1841	178	35.6037	504.97 MB+AIRGUN	shallow	3061	119.40	4.60	9.60	173	1.00	978921	21.02	35.401	RA
26	19:00	38	41.3363	178	38.1556	897.69 MB+AIRGUN	shallow	2890	120.50	4.60	5.00	116	1.00	978918	21.30	35.439	RA
26	19:30	38	42.4938	178	40.6045	1048.56 MB+AIRGUN	shallow	2724	120.10	4.50	3.10	33	1.00	978919	21.78	35.511	RA
26	20:00	38	43.6759	178	43.1708	1058.68 MB+AIRGUN	shallow	2552	120.90	4.60	4.20	86	1.00	978931	21.47	35.494	RA
26	20:30	38	44.9543	178	45.9381	977.61 MB+AIRGUN	SHALLOW	2365	119.50	4.50	9.70	69	1.00	978940	21.46	35.494	HJT
26	21:00	38	46.0135	178	48.1887	1018.31 MB+AIRGUN	SHALLOW	2212	122.10	4.40	10.10	81	1.00	978941	21.69	35.505	HJT
26	21:30	38	47.2573	178	50.8360	1691.1 MB+AIRGUN	SHALLOW	2034	121.10	4.40	12.10	78	1.00	978922	21.64	35.512	HJT
26	22:00	38	48.2881	178	53.0566	2705.63 MB+AIRGUN	DEEP	1885	120.80	4.60	10.70	76	1.00	978892	21.58	35.493	HJT
26	22:30	38	49.4473	178	55.5531	3047.31 MB+AIRGUN	DEEP	1716	120.50	4.60	9.60	65	1.00	978876	21.55	35.477	HJT
26	23:00	38	50.5918	178	58.0463	3496 MB+AIRGUN	DEEP	1549	120.00	4.70	11.10	61	1.00	978866	22.01	35.594	HJT
26	23:30	38	51.9575	178	0.9884	3507 MB+AIRGUN	DEEP	1351	120.20	4.80	6.80	63	1.00	978862	22.23	35.606	HLT
27	0:04	38	53.1958	178	9.6365	3449 MB+AIRGUN	DEEP	1173	120.70	4.60	10.90	63	1.00	978864	22.24	35.606	HLT
27	0:30	38	54.2088	178	5.8104	3530 MB+AIRGUN	DEEP	1027	116.72	4.80	9.10	41	1.00	978866	22.03	35.590	HLT
27	1:00	38	55.3871	178	8.3596	3532 MB+AIRGUN	DEEP	879	120.90	4.50	10.60	43	1.00	978879	21.99	35.566	EOL MGL1801M1340
27	1:30	38	56.5365	179	10.7881	3325 MB	DEEP		127.00	4.70	9.20	55	1.00	978895	21.96	35.512	HLT
27	2:00	38	58.4975	179	11.0152	3349.77 MB	deep		210.10	4.20	7.00	69	1.00	978942	21.90	35.452	SMB
27	2:30	38	59.9440	179	9.2204	3517.16 MB	deep		259.90	4.20	6.40	69	1.00	978944	21.56	35.420	SMB
27	3:00	38	59.2520	179	6.9218	3518.98 MB	deep		301.10	3.70	6.70	56	1.50	978929	21.85	35.435	SMB
27	3:30	38	58.2210	179	4.6808	3511 MB	deep		300.80	3.60	7.30	50	1.50	978921	22.18	35.485	clearing tangled gear
27	4:00	38	57.4065	179	2.9220	3506 MB+AIRGUN	deep	1030	300.90	3.50	7.80	60	1.50	978917	22.42	35.562	SOL 1148
27	4:30	38	56.3347	179	0.5850	3492 MB+AIRGUN	deep	1185	300.20	4.50	10.00	56	1.50	978921	22.34	35.594	TJR
27	5:00	38	55.1967	178	58.1360	3429.52 MB+AIRGUN	DEEP	1351	300.40	4.40	8.30	55	1.50	978923	22.70	35.613	smb
27	5:24	38	54.2002	178	56.0556	2800.64 MB+AIRGUN	deep	1492	302.20	4.87	7.90	56	1.50	978932	22.51	35.605	MG
27	6:41	38	51.1831	178	49.6024	1606.29 MB+AIRGUN	deep	1927	300.50	4.50	7.70	49	1.50	978976	21.87	35.509	MG
27	7:00	38	50.5190	178	48.1123	1216.81 MB+AIRGUN	deep	2026	301.60	5.01	7.90	57	1.50	978990	22.32	35.508	MG
27	7:30	38	49.2649	178	45.4484	1185.36 MB+AIRGUN	medium	2205	300.50	4.60	7.90	63	1.50	978993	21.55	35.497	RA
27	8:00	38	48.1360	178	42.9676	896 MB+AIRGUN	SHALLOW	2373	300.00	4.50	7.00	307	1.00	978992	21.75	35.489	JHE
27	8:35	38	46.7200	178	39.9335	1072 MB+AIRGUN	SHALLOW	2576	301.00	4.60	7.00	306	1.00	978981	21.95	35.500	JHE
27	9:00	38	45.7844	178	37.9398	982.36 MB+AIRGUN	shallow	2712	300.70	4.70	7.40	61	1.00	978980	21.80	35.507	HJT
27	9:30	38	44.6034	178	35.5114	981 MB+AIRGUN	shallow	2882	300.00	4.80	7.00	302	1.00	978969	21.93	35.458	jhe
27	10:04	38	43.1835	178	32.3573	771 MB+AIRGUN	shallow	3088	298.00	4.80	8.50	302	1.00	978962	21.72	35.432	jhe
27	10:32	38	42.0979	178	29.9528	537 MB+AIRGUN	shallow	3250	299.00	4.50	9.00	296	1.00	978960	21.44	35.414	jhe
27	11:00	38	41.0477	178	27.6555	214 MB+AIRGUN	shallow	3403	302.00	4.60	11.00	299	1.00	978966	21.68	35.508	jhe
27	11:30	38	39.8043	178	25.0708	83 MB+AIRGUN	shallow	3396	305.60	4.60	11.90	32	1.00	978963	21.93	35.526	HLT
27	12:00	38	38.3415	178	23.0447	64 MB+AIRGUN	shallow	3367	345.70	4.30	9.90	34	1.00	978935	21.23	35.471	HLT
27	12:30	38	36.4622	178	23.9093	73 MB+AIRGUN	shallow	3337	29.50	4.30	4.40	26	1.00	978911	21.49	35.488	HLT
27	13:00	38	35.6126	178	26.3305	81 MB+AIRGUN	shallow	3306	114.90	4.40	8.30	39	1.00	978900	21.50	35.519	HLT
27	13:30	38	36.7170	178	28.7122	122 MB	shallow		121.20	4.40	8.80	34	1.00	978906	21.70	35.523	HLT
27	14:00	38	37.8849	178	31.1657	160.63 MB+AIRGUN	shallow	3370	121.10	4.60	8.20	40	1.00	978916	21.59	35.492	SMB
27	14:30	38	39.1161	178	33.7728	293.4 MB+AIRGUN	SHALLOW	3194	120.70	4.80	5.80	37	1.00	978922	21.64	35.385	SMB
27	15:00	38	40.2335	178	36.1196	546.25 MB+AIRGUN	shallow	3034	120.70	4.50	5.20	42	1.00	978922	21.51	35.345	SMB
27	15:30	38	41.3373	178	38.5417	932.57 MB+AIRGUN	shallow	2872	119.90	4.50	4.60	45	1.00	978918	21.89	35.523	SMB
27	16:00	38	42.5108	178	41.0691	1060.75 MB+AIRGUN	shallow	2701	120.90	4.60	1.50	135	1.00	978918	21.72	35.476	SMB
27	16:30	38	43.6881	178	43.5865	1069.59 MB+AIRGUN	shallow	2532	119.90	4.80	3.90	38	1.00	978931	21.58	35.483	SMB
27	17:00	38	44.8732	178	46.1273	999.88 MB+AIRGUN	shallow	2360	121.20	4.60	3.50	57	1.00	978941	21.79	35.499	SMB
27	17:30	38	46.1188	178	48.8032	1141.45 MB+AIRGUN	MEDIUM	2177	120.30	4.50	3.70	95	1.00	978936	21.69	35.501	RA
27	18:00	38	47.2302	178	51.1941	1926.53 MB+AIRGUN	deep	2018	120.50	4.70	3.00	63	1.00	978913	21.80	35.507	RA
27	18:30	38	48.4141	178	53.7492	2849.8 MB+AIRGUN	deep	1847	121.10	4.60	3.20	87	1.00	978883	21.77	35.526	RA
27	19:00	38	49.6209	178	56.3497	3037.52 MB+AIRGUN	deep	1672	120.30	4.80	2.50	90	1.00	978870	22.03	35.537	RA
27	19:30	38	50.7948	178	58.8841	3507.84 MB+AIRGUN	deep	1501	120.10	4.70	3.50	55	1.00	978862	21.92	35.554	RA
27	20:00	38	52.0350	179	1.5200	3511.93 MB+AIRGUN	deep	1323	120.50	4.80	4.50	84	1.00	978861	21.77	35.529	RA
27	20:30	38	53.4332	179	4.5464	3522.5 MB+AIRGUN	deep	1119	120.60	4.70	7.40	80	1.00	978865	22.01	35.567	HJT
27	21:01	38	54.5109	179	6.8778	3531.57 MB+AIRGUN	deep	963	120.00	4.80	2.80	124	1.00	978871	22.31	35.604	HJT
27	21:30	38	55.6747	179	9.3633	3532.2 MB+AIRGUN	deep	3411	120.30	4.80	4.80	87	1.00	978881	22.19	35.589	HJT
27	22:00	38	57.2564	179	11.5149	3231.03 MB+AIRGUN	deep	3442	171.90	4.60	6.70	125	1.00	978921	22.23	35.521	HJT
27	22:30	38	59.0640	179	10.5946	3449.74 MB+AIRGUN	deep	3408	210.10	3.90	5.80	131	1.00	978940	22.03	35.461	HJT
27	23:00	38	59.6969	179	8.3518	3517.59 MB+AIRGUN	deep	3429	294.30	4.40	4.00	128	1.00	978941	21.94	35.440	HJT
27	23:30	38	58.5513	179	5.7941	3516 MB+AIRGUN	deep		315.00	4.50	5.50	141	1.00	978931	22.34	35.542	HLT
28	0:35	38	56.0230	179	0.2951	3489 MB+AIRGUN	deep	1212	300.15	4.50	6.30	121	1.00	978922	22.34	35.616	HLT
28	1:06	38	54.9144	179	5												

28	20:00	38	57.4246	179	3.8614	3510.44	MB+AIRGUN	DEEP	981	300.80	4.30	14.60	142	1.00	978922	22.48	35.611	RA
28	20:30	38	56.3027	179	1.3974	3500.66	MB+AIRGUN	DEEP	1148	300.60	4.40	13.60	142	1.00	978919	22.33	35.609	HJT
28	21:00	38	55.1572	178	58.8830	3454.86	MB+AIRGUN	DEEP	1316	300.80	4.30	13.90	140	1.00	978919	22.19	35.539	HJT
28	21:30	38	54.1359	178	56.7003	3098.69	MB+AIRGUN	DEEP	1462	303.30	4.10	12.10	13	1.00	978924	22.19	35.535	HJT
28	22:00	38	53.1035	178	54.5024	2788.56	MB+AIRGUN	DEEP	1610	301.20	4.10	12.70	13.2	1.00	978935	22.61	35.615	HJT
28	22:30	38	51.9851	178	52.1225	2010.95	MB+AIRGUN	DEEP	1771	300.50	4.30	12.50	12.3	1.00	978954	22.57	35.610	HJT
28	23:00	38	50.8624	178	49.7039	1567.72	MB+AIRGUN	DEEP	1934	301.20	4.60	10.40	13.3	1.00	978976	22.59	35.580	HJT
28	23:30	38	49.5861	178	46.9605	1131	MB+AIRGUN	DEEP	2119	300.90	4.50	8.40	127	0.50	978994	22.61	35.513	HL
29	0:00	38	48.3018	178	44.1809	1079	MB+AIRGUN	MEDIUM	2309	302.70	4.50	6.50	150	1.00	978991	22.39	35.513	HL
29	0:30	38	47.3866	178	42.2284	968	MB+AIRGUN	SHALLOW	2437	299.20	4.50	8.00	146	1.00	978988	22.39	35.501	HLT
29	1:00	38	46.2835	178	39.8436	1057	MB+AIRGUN	SHALLOW	2598	301.00	4.70	9.20	144	1.00	978981	22.53	35.555	HLT
29	1:30	38	45.0515	178	37.2211	1002	MB+AIRGUN	SHALLOW	2775	301.80	4.70	8.60	136	1.00	978974	22.67	35.527	HLT
29	2:00	38	43.8852	178	34.7237	949.69	MB+AIRGUN	shallow	2943	301.70	4.70	7.40	133	1.00	978967	22.46	35.518	SMB
29	2:30	38	42.7020	178	32.2178	709.31	MB+AIRGUN	SHALLOW	3112	299.80	4.60	7.70	132	1.00	978962	22.19	35.451	TJR
29	3:00	38	41.5570	178	29.6264	426.22	MB+AIRGUN	shallow	3285	300.00	4.70	9.00	126	1.00	978963	22.41	35.456	SMB
29	3:30	38	40.3327	178	26.9845	122.71	MB+AIRGUN	shallow	3464	301.30	4.60	9.40	130	1.00	978968	22.17	35.515	SMB
29	4:00	38	39.1248	178	24.5088	68.96	MB	shallow	300.30	4.50	7.90	121	1.00	978961	22.43	35.530	SMB	
29	4:30	38	37.1381	178	23.4025	69.92	MB	shallow	26.70	4.50	9.30	119	1.00	978914	22.33	35.470	SMB	
29	5:00	38	35.4236	178	24.9061	75.51	MB	shallow	57.20	4.60	10.20	117	1.00	978904	22.46	35.502	SMB	
29	5:30	38	35.9490	178	27.8626	112.62	MB	SHALLOW	122.40	4.39	10.10	72	1.00	978903	22.77	35.535	MG	
29	6:00	38	37.0173	178	30.1775	135.19	MB	SHALLOW	120.60	4.57	6.00	72	1.00	978913	22.51	35.520	MG	
29	6:30	38	38.1999	178	32.7072	196.28	MB+AIRGUN	SHALLOW	3281	121.10	4.40	10.20	64	1.00	978921	22.72	35.499	MG
29	7:00	38	39.3841	178	35.2000	377.57	MB+AIRGUN	SHALLOW	3113	122.20	5.02	7.50	79	1.00	978923	22.42	35.480	MG
29	7:30	38	40.6462	178	37.8762	729.52	MB+AIRGUN	SHALLOW	2931	119.80	4.58	6.60	77	1.00	978919	22.55	35.530	MG
29	8:00	38	42.0180	178	40.8366	1054.66	MB+AIRGUN	SHALLOW	2731	121.70	4.49	10.90	70	1.00	978918	22.34	35.490	MG
29	8:30	38	43.4694	178	43.9314	1071.92	MB+AIRGUN	SHALLOW	2521	120.30	4.80	8.30	54	1.00	978931	22.48	35.481	HJT
29	9:00	38	44.2550	178	45.6100	956	MB+AIRGUN	shallow	2410	120.00	4.70	9.60	109	1.00	978937	22.63	35.525	jhe
29	9:30	38	45.5782	178	48.2219	1181	MB+AIRGUN	shallow	2233	120.00	4.80	9.00	111	1.00	978934	22.79	35.581	jhe
29	10:00	38	46.8380	178	51.1409	1756	MB+AIRGUN	deep	2036	120.00	4.70	12.00	109	1.00	978914	22.74	35.613	jhe
29	10:30	38	47.9373	178	53.5284	2726.48	MB+AIRGUN	deep	1875	120.70	4.60	11.50	53	1.00	978888	22.77	35.627	HJT
29	11:00	38	49.0691	178	55.9962	3003	MB+AIRGUN	deep	1710	113.71	4.80	11.60	54	1.00	978871	22.91	35.631	HLT
29	11:30	38	50.3215	178	58.7002	3509	MB+AIRGUN	deep	1528	114.82	4.80	11.70	42	1.00	978863	22.83	35.625	HLT
29	12:00	38	51.5012	179	1.2520	3507	MB+AIRGUN	deep	1354	120.70	4.70	13.10	40	1.00	978863	22.85	35.611	HLT
29	12:30	38	52.7650	179	3.9562	3517	MB+AIRGUN	deep	1174	120.20	4.80	12.70	38	1.00	978863	22.73	35.600	HLT
29	13:00	38	53.9404	179	6.5009	3528	MB+AIRGUN	deep	1003	120.70	4.90	11.50	35	1.00	978680	22.44	35.614	HLT
29	13:30	38	55.2144	179	9.2158	3534	MB+AIRGUN	deep	1008	120.50	4.90	9.30	41	1.00	978880	22.46	35.595	EOL MGL18011364
29	14:00	38	56.6050	179	11.5876	3246.56	MB	deep	155.80	4.80	9.70	34	1.00	978909	22.22	35.563	TJR	
29	14:31	38	58.7787	179	10.8050	3423	MB	deep	209.40	4.50	9.90	48	1.00	978941	22.42	35.593	TJR	
29	15:00	38	59.4269	179	8.5992	3520	MB	deep	292.50	4.20	10.90	43	1.00	978941	22.39	35.565	TJR	
29	15:30	38	58.3580	179	6.2672	3518	MB	deep	300.70	4.20	10.10	25	1.00	978928	22.42	35.606	TJR	
29	16:00	38	57.3150	179	3.9788	3514	MB+AIRGUN	deep	980	298.50	4.10	10.60	28	1.00	978923	22.08	35.548	SOL MGL18011172
29	16:30	38	56.3210	179	1.8004	3503	MB+AIRGUN	deep	1125	301.30	3.90	10.00	25	1.00	978918	22.53	35.591	TJR
29	17:00	38	55.3300	178	59.6465	3476	MB+AIRGUN	deep	1270	299.30	3.90	8.90	22	1.00	978918	22.38	35.578	TJR
29	17:30	38	54.3403	178	57.4722	3398.35	MB+AIRGUN	deep	1416	302.10	3.89	11.80	23	1.00	978922	22.69	35.614	MG
29	18:00	38	53.3093	178	55.2868	2808.24	MB+AIRGUN	deep	1563	300.60	4.04	12.50	23	1.00	978934	22.65	35.616	MG
29	18:30	38	52.1886	178	52.8930	2327.88	MB+AIRGUN	deep	1725	300.00	4.18	12.30	20	1.00	978950	22.56	35.619	MG
29	19:00	38	51.0925	178	50.5492	1726.29	MB+AIRGUN	deep	1883	300.30	4.32	13.40	18	1.00	978968	22.59	35.605	MG
29	19:30	38	50.0160	178	48.2662	1165.48	MB+AIRGUN	MEDIUM	2037	300.50	4.29	14.50	16	1.00	978991	22.54	35.578	MG
29	20:00	38	48.9417	178	45.9635	1161	MB+AIRGUN	MEDIUM	2193	308.90	4.06	15.40	22	1.00	978992	22.12	35.523	MG
29	20:30	38	47.8472	178	43.6342	942.65	MB+AIRGUN	shallow	2350	299.30	4.20	15.50	10	1.00	978991	22.07	35.465	HJT
29	21:00	38	46.7413	178	41.2708	1021.76	MB+AIRGUN	SHALLOW	2509	301.10	4.10	17.70	16	1.00	978984	22.23	35.438	HJT
29	21:31	38	45.7076	178	39.0599	1044.82	MB+AIRGUN	shallow	2659	300.50	3.80	16.90	13	1.00	978978	22.15	35.449	HJT
29	22:00	38	44.6226	178	36.7309	994.64	MB+AIRGUN	SHALLOW	2815	300.30	4.10	18.60	24	1.00	978970	22.11	35.475	HJT
29	22:30	38	43.7253	178	34.8080	957.47	MB+AIRGUN	SHALLOW	2945	300.90	3.10	18.60	23	1.00	978960	22.00	35.447	HJT
29	23:00	38	42.7413	178	32.7156	745.64	MB+AIRGUN	SHALLOW	3087	300.80	4.20	20.00	14	1.00	978962	21.89	35.442	HJT
29	23:30	38	41.6824	178	30.4576	519	MB+AIRGUN	SHALLOW	3239	301.90	4.20	20.30	12	1.00	978960	22.11	35.472	HLT
30	0:00	38	40.6313	178	28.2004	280	MB+AIRGUN	SHALLOW	3391	300.70	4.20	20.20	30	1.50	978962	22.15	35.512	HLT
30	0:35	38	39.2628	178	25.2122	72	MB+AIRGUN	SHALLOW	1008	300.70	4.40	21.92	30	1.00	978963	21.91	35.481	EOL
30	1:00	38	38.3782	178	23.6171	66	MB+AIRGUN	SHALLOW	1030	326.40	4.20	21.70	35.43	1.00	978948	21.69	35.432	HLT
30	1:30	38	36.2160	178	24.0873	72	MB+AIRGUN	SHALLOW	1064	30.50	4.30	21.69	35.46	1.00	978912	21.69	35.455	HLT
30	2:00	38	35.0771	178	25.9206	71	MB+AIRGUN	SHALLOW	1090	89.40	4.80	24.30	26	1.00	978900	21.74	35.464	HLT
30	2:30	38	36.1136	178	28.6402	118.44	MB	shallow	120.20	4.70	22.50	28	1.00	978904	21.90	35.480	SMB	
30	3:00	38	37.3486	178	31.2624	152.28	MB+AIRGUN	shallow	3384	118.50	4.90	26.50	22	1.00	978913	21.48	35.456	SMB
30	3:30	38	38.5551	178	33.7927	245.7	MB+AIRGUN	shallow	3213	122.20	4.80	23.10	26	1.00	978924	21.24	35.433	SMB
30	4:00	38	39.7769	178	36.3482	463.81	MB+AIRGUN	shallow	3040	120.10	4.60	21.45	35.44	1.00	978924	21.45	35.437	SMB
30	4:30	38	41.0200	178	39.0506	955.21	MB+AIRGUN	shallow	2859	121.20	4.80	5.00	20	1.00	978917	22.24	35.488	TJR
30	5:00	38	42.1655	178	41.5387	1063.17	MB+AIRGUN	shallow	2690	120.60	4.70	26.00	20	1.00	978919	22.51	35.453	SMB
30	5:30	38	43.5304	178	44.4675	1084.46	MB+AIRGUN	shallow	2492	120.20	4.12	24.80	21	1.00	978932	22.59	35.447	MG
30	6:52	38	46.7708	178	51.3814	1831.56	MB+AIRGUN	MEDIUM	2025	118.70	4.77	25.90	26	1.00	978912	22.49	35.592	MG
30	7:00	38	47.0400	178	51.9693	2093.42	MB+AIRGUN											

31	3:30	38	36.1700	178	36.9972	253 MB	SHALLOW	333.80	2.70	34.00	18	2.50	978953	21.45	35.469	TJR
31	4:00	38	34.9567	178	36.2645	178 MB	SHALLOW	330.20	2.60	37.50	25	2.50	978954	21.23	35.442	TJR
31	4:30	38	33.7723	178	35.5190	149 MB	SHALLOW	343.30	2.80	29.80	26	2.50	978949	20.98	35.438	TJR
31	5:00	38	32.4954	178	34.8342	127 MB	SHALLOW	336.20	2.50	29.00	42	2.50	978945	20.93	35.439	TJR
31	5:30	38	31.3271	178	34.2281	128.72 MB	shallow	335.30	2.50	33.70	20	2.50	978937	20.88	35.439	MG
31	6:00	38	30.1320	178	33.5894	122.23 MB	SHALLOW	338.80	2.82	27.00	14	2.50	978930	20.65	35.407	MG
31	6:30	38	28.6488	178	33.1183	113.33 MB	shallow	13.30	3.38	28.00	14	2.50	978913	20.68	35.435	MG
31	7:00	38	27.4575	178	33.4458	109.29 MB	shallow	15.40	2.70	31.00	12	2.50	978909	20.48	35.417	RA
31	7:30	38	26.1162	178	33.8368	103.23 MB	shallow	16.90	2.90	25.60	8	2.50	978903	20.63	35.407	RA
31	8:07	38	24.4148	178	34.3668	95.27		17.60	2.90	21.00	8	2.50	978897	20.60	35.406	hjt
31	8:30	38	23.4305	178	34.7253	90.64 MB	shallow	16.60	2.80	23.20	12	2.50	978894	20.46	35.407	HJT
31	9:00	38	21.9760	178	35.2287	111 MB	shallow	14.40	4.30	24.00	8	2.00	978886	20.12	35.400	jhe
31	9:30	38	20.1441	178	35.8713	111 MB	shallow	16.00	4.20	23.00	9	2.00	978876	20.13	35.395	jhe
31	10:00	38	18.6087	178	36.4606	122 MB	shallow	14.30	3.30	23.70	9	2.00	978871	20.03	35.401	jhe
31	10:30	38	16.8590	178	36.9642	133 MB	shallow	5.80	2.80	23.80	3.6	2.00	978868	20.32	35.292	jhe
31	11:11	38	15.3516	178	37.0886	130 MB	SHALLOW	354.70	2.60	28.80	11	2.00	978864	20.34	35.414	HLT
31	11:39	38	14.1246	178	36.9990	131 MB	SHALLOW	358.20	2.70	24.20	6	2.00	978861	20.26	35.421	HLT
31	12:00	38	13.1322	178	36.8639	128 mb	SHALLOW	346.50	2.70	22.50	4	2.00	978860	20.22	35.421	HLT
31	12:31	38	11.8005	178	36.7505	127 MB	shallow	357.60	2.90	21.20	10	2.00	978856	20.07	35.402	HLT
31	13:10	38	9.8733	178	36.7694	155 MB	shallow	1.17	2.40	25.50	16	2.00	978852	20.02	35.392	super blue blood moon
31	13:30	38	9.3588	178	36.7583	152 MB	shallow	1.45	2.70	28.80	14	2.00	978853	20.03	35.389	HLT
31	14:00	38	7.7455	178	36.8340	148.87 MB	shallow	1.60	2.90	27.60	19	2.00	978850	20.08	35.387	SMB
31	14:30	38	6.1284	178	37.0079	143.07 MB	shallow	6.00	3.40	22.00	3	2.00	978849	20.33	35.431	SMB
31	15:00	38	4.4905	178	37.1224	126.19 MB	shallow	3.00	3.40	18.90	6	2.00	978847	20.44	35.416	SMB
31	15:30	38	2.7710	178	37.2041	116.15 MB	shallow	4.40	3.40	23.60	4	2.00	978840	20.45	35.403	SMB
31	16:05	38	0.5146	178	37.2985	117.12 MB	shallow	2.00	3.10	23.30	4	2.00	978829	20.15	35.369	SMB
31	16:30	37	59.5600	178	37.4367	119.23 MB	shallow	6.50	3.10	25.80	8	2.00	978821	20.04	35.384	SMB
31	17:00	37	57.8109	178	38.2720	130.8 mb	shallow	65.70	4.72	27.10	3	2.00	978787	19.78	35.375	MG
31	17:30	37	58.4816	178	40.9000	144.59 mb	shallow	141.10	5.40	22.20	11	2.00	978997	20.12	35.368	RA
31	18:00	38	1.0581	178	41.2767	168.89 mb	shallow	185.90	5.20	23.70	22	2.00	978840	20.50	35.421	RA
31	18:30	38	3.3297	178	40.8689	206.71 mb	shallow	188.40	4.60	27.00	26	2.00	978846	20.44	35.437	RA
31	19:00	38	5.6053	178	40.5373	208.51 mb	shallow	185.40	4.50	27.20	15	2.00	978850	20.61	35.460	RA
31	19:30	38	7.8815	178	40.2465	205.98 mb	shallow	184.50	4.50	30.10	12	2.00	978852	20.60	35.479	RA
31	20:00	38	10.0900	178	40.0677	141.81 mb	shallow	184.70	4.50	27.90	15	2.00	978861	20.29	35.466	RA
31	20:30	38	12.6009	178	39.8537	128.14 MB	SHALLOW	183.00	4.70	30.30	17	2.00	978864	20.47	35.482	HJT
31	21:00	38	14.8183	178	39.8049	134.04 mb	shallow	178.58	4.80	25.10	10	2.00	978868	20.15	35.441	HJT
31	21:30	38	17.3329	178	39.9394	135.81 mb	shallow	176.70	4.60	28.60	14	2.00	978878	20.26	35.449	HJT
31	22:00	38	19.6507	178	40.0718	126.98 mb	shallow	180.10	4.60	32.60	15	2.00	978892	20.27	35.439	HJT
31	22:30	38	21.9386	178	40.0090	194.74 mb	shallow	181.30	4.80	28.90	16	2.00	978900	20.42	35.444	HJT
31	23:00	38	24.2180	178	39.9166	173.12 mb	shallow	182.90	4.80	33.00	14	2.00	978910	20.66	35.450	HJT
31	23:30	38	26.7132	178	39.7716	195.74 MB	SHALLOW	184.10	4.80	33.30	16	2.00	978920	20.49	35.427	HLT
32	0:00	38	29.3671	178	39.5187	193.36 MB	SHALLOW	183.40	5.10	30.40	12	2.00	978935	20.55	35.458	HLT
32	0:30	38	31.6188	178	39.3474	193.53 MB	SHALLOW	180.70	5.00	29.90	9	2.00	978947	20.72	35.473	HLT
32	1:00	38	34.3494	178	39.2722	446.35 MB	SHALLOW	180.50	5.30	31.00	14	2.00	978943	21.74	35.471	HLT
32	1:30	38	36.8141	178	39.2592	478 MB	SHALLOW	179.90	5.20	33.60	13	2.00	978946	20.00	35.495	HLT
32	2:00	38	39.3858	178	39.3091	661.96 MB	shallow	179.10	5.20	32.30	16	2.00	978944	21.08	35.507	SMB
32	2:30	38	42.1775	178	39.2144	1032.92 MB	shallow	183.50	5.10	35.40	15	2.00	978944	20.86	35.484	SMB
32	3:00	38	44.6802	178	38.0032	1005.13 MB	shallow	231.20	5.00	33.10	15	2.00	978970	20.76	35.492	SMB
32	3:30	38	45.1417	178	35.5051	971.46 MB	shallow	267.90	4.30	39.40	18	2.00	978974	20.59	35.468	SMB
32	4:00	38	45.0860	178	32.8182	319.84 MB	SHALLOW	293.50	4.00	35.30	18	2.00	978973	20.19	35.434	SMB
32	4:30	38	43.5383	178	31.8790	757 MB	SHALLOW	357.10	3.10	36.00	15	2.50	978942	20.15	35.431	TJR
32	5:00	38	41.9836	178	31.5571	612.11 MB	SHALLOW	350.80	3.25	31.30	25	2.50	978943	20.13	35.431	MG
32	5:30	38	40.4114	178	31.2833	459.21 MB	SHALLOW	354.70	3.40	29.00	17	2.50	978942	20.12	35.395	RA
32	6:00	38	38.7491	178	31.0693	189.86 MB	SHALLOW	356.90	3.40	32.90	9	2.50	978944	19.84	35.369	RA
32	6:30	38	37.0294	178	30.8532	142.54 MB	SHALLOW	354.50	3.60	34.70	11	2.50	978941	19.71	35.349	RA
32	7:00	38	35.3117	178	31.1354	124.17 MB	SHALLOW	12.70	3.60	28.10	14	2.50	978930	19.59	35.326	RA
32	7:30	38	33.5166	178	31.5332	129.35 MB	SHALLOW	8.40	3.60	32.50	17	2.50	978925	19.14	35.314	RA
32	8:00	38	31.7707	178	31.8707	125.1 MB	SHALLOW	11.00	3.90	26.20	14	2.50	978922	19.12	35.298	RA
32	8:30	38	29.9580	178	32.3082	115.07 MB	SHALLOW	11.50	3.30	26.30	19	2.50	978913	18.72	35.271	HJT
32	9:00	38	28.1900	178	32.6888	110.29 MB	SHALLOW	11.00	3.60	31.50	15	2.50	978908	18.86	35.266	HJT
32	9:30	38	26.4514	178	33.1600	102.51 MB	SHALLOW	14.10	3.50	32.90	19	2.50	978901	18.30	35.248	HJT
32	10:00	38	24.7422	178	33.7005	91.84 MB	SHALLOW	15.50	3.70	26.80	14	2.50	978892	18.42	35.244	HJT
32	10:30	38	22.7063	178	34.4174	76.29 MB	SHALLOW	19.80	3.10	33.20	14	2.50	978890	18.34	35.251	HJT
32	11:00	38	21.3702	178	35.0500	101.38 MB	SHALLOW	21.90	3.10	31.20	9	2.50	978880	18.52	35.241	HJT
32	11:30	38	19.8832	178	35.6939	117.45 MB	SHALLOW	10.20	3.00	31.60	14	3.00	978875	18.84	35.260	HLT
32	12:30	38	16.7901	178	36.2406	122.26 MB	SHALLOW	4.00	3.00	35.00	11	3.00	978865	19.14	35.170	HLT
32	13:00	38	15.0335	178	36.5364	130.7 MB	SHALLOW	4.80	2.90	32.80	10	3.00	978859	19.29	35.196	HLT
32	13:30	38	13.9103	178	36.7404	131.44 MB	SHALLOW	9.60	2.70	28.90	4	3.00	978855	19.49	35.209	HLT
32	14:00	38	12.1600	178	36.9802	120.13 MB	SHALLOW	9.40	2.60	26.00	2	3.00	978853	19.91	35.232	TJR
32	14:30	38	11.2050	178	37.2058	138 MB	SHALLOW	7.70	3.10	21.40	8	3.00	978851	19.67	35.218	TJR
32	15:00	38	9.7760	178	37.4309	164 MB	SHALLOW	5.70	2.90	28.10	4	3.00	978850	19.66	35.236	TJR
32	15:30	38	8.9778	178	39.6385	216 MB	SHALLOW	104.20	5.60	33.80	9	3.00	978817	19.93	35.220	TJR
32	16:00	38	10.7800	178	41.7287	121 MB	SHALLOW	171.00	5.00	32.40	3	3.00	978857	20.54	35.257	TJR
32	16:35	38	13.7205	178	41.6701	131 MB	SHALLOW	184.00	4.90	23.50	13	3.00	978874	20.25	35.239	TJR
32	17:00	38	15.6572	178	41.4520	144 MB	SHALLOW	189.80	4.80	27.50	15	3.00	978882	20.11	35.238	TJR
32	17:30	38	18.1399	178	40.9059	127.56 MB	SHALLOW	188.50	5.00	27.10	8	2.50	978890	19.93	35.240	RA
32	18:00	38	20.6750	178	40.5668	142.14 MB	SHALLOW	18								

33	11:00	39	0.1133	179	9.8141	3515 MB	DEEP	210.00	4.10	15.30	155	1.50	978938	20.93	35.351	HLT
33	11:30	39	1.1961	179	7.7780	3509 MB	DEEP	278.00	4.40	10.70	183	1.50	978945	20.92	35.369	HLT
33	12:00	39	0.1284	179	5.1954	3506 MB	DEEP	300.00	4.60	22.20	173	2.50	978935	21.06	35.397	streamer 3 failure 11:45.
33	12:30	38	58.9148	179	2.5633	3498 MB	DEEP	294.00	4.80	24.40	178	2.50	978931	21.19	35.393	HLT
33	13:00	38	57.3922	178	59.4909	3467 MB	DEEP	316.30	4.70	20.40	185	1.50	978922	21.38	35.393	HLT
33	13:30	38	55.8488	178	58.9583	3455 MB	DEEP	10.20	4.50	20.20	179	2.00	978901	21.41	35.387	HLT
33	14:00	38	53.6475	178	59.6185	3489 MB	DEEP	28.03	4.20	21.20	188	3.50	978889	21.57	35.398	HLT
33	14:30	38	51.6173	179	0.4385	3507 MB	DEEP	4.90	4.70	14.60	176	2.50	978886	21.67	35.392	TJR
33	15:00	38	49.1865	178	59.0623	3515 MB	DEEP	326.50	5.30	18.50	180	2.50	978901	21.69	35.461	TJR
33	15:30	38	47.2667	178	57.2171	3505 MB	DEEP	321.80	5.30	17.50	181	2.50	978903	21.68	35.454	TJR
33	16:05	38	44.8885	178	54.6901	2939 MB	DEEP	305.30	5.50	14.50	188	2.50	978920	21.65	35.443	TJR
33	16:30	38	44.5149	178	51.9507	1984 MB	DEEP	253.70	5.40	19.70	169	2.50	978951	21.66	35.441	TJR
33	17:00	38	45.8800	178	49.0722	1274 MB	DEEP	237.00	5.30	27.50	164	2.50	978983	21.68	35.458	TJR
33	17:30	38	47.3968	178	46.1407	1006.05 MB	DEEP	235.20	5.46	29.90	172	2.50	978999	21.66	35.465	MG
33	18:04	38	48.6649	178	42.6936	905.26 MB	DEEP	274.10	5.30	24.30	168	2.50	979007	21.65	35.459	RA
33	18:30	38	48.2665	178	40.1483	1080.55 MB	DEEP	287.50	5.49	24.10	168	2.50	978992	21.64	35.458	MG
33	19:00	38	47.0798	178	37.4997	938.04 MB+AIRGUN	MEDIUM	2690 304.00	4.39	27.90	191	2.50	978989	21.66	35.462	MG
33	19:30	38	45.9866	178	35.1553	940.93 MB+AIRGUN	shallow	2800 301.70	4.21	24.40	167	2.50	978977	21.66	35.457	MG
33	20:00	38	44.1107	178	33.9039	926.68 MB	shallow	2.80	4.54	33.00	181	2.50	978954	21.58	35.444	SHOOTING STOPPED DUE TO NOISE
33	20:33	38	41.9115	178	34.1357	661 MB	SHALLOW	4.70	4.20	26.00	10	2.50	978945	21.56	35.447	JHE
33	21:00	38	39.8538	178	34.0367	407 MB	shallow	342.00	4.40	26.00	348	2.50	978956	21.49	35.437	JHE
33	21:30	38	37.8549	178	33.0198	189.75 MB	SHALLOW	343.00	4.50	27.80	185	2.50	978959	21.17	35.365	HJT
33	22:00	38	35.5884	178	32.4045	140.8 MB	shallow	354.80	4.50	30.50	191	2.50	978942	20.57	35.322	HJT
33	22:30	38	33.5081	178	32.2642	127.84 MB	shallow	351.60	3.80	23.50	206	2.50	978937	19.16	35.218	HJT
33	23:00	38	31.5261	178	32.3078	124.61 MB	shallow	10.20	4.10	24.30	186	2.50	978923	18.21	35.181	HJT
33	23:30	38	29.6136	178	32.7601	119.6 MB	shallow	11.20	4.00	24.60	203	2.00	978917	18.54	35.169	HLT
34	0:00	38	27.6711	178	33.2600	108.64 MB	shallow	10.30	4.20	21.00	201	2.00	978908	18.36	35.159	HLT
34	0:30	38	25.7332	178	33.8565	100.11 mb	shallow	15.80	4.00	24.80	213	2.00	978904	19.21	35.193	HLT
34	1:00	38	23.8308	178	34.5160	91 MB	shallow	14.10	4.10	27.40	218	2.50	978894	19.14	35.246	HLT
34	1:30	38	21.8876	178	35.1507	102 MB	shallow	15.90	4.20	28.80	213	2.00	978883	19.05	35.252	HLT
34	2:00	38	19.8037	178	35.7870	104.95 MB	shallow	12.40	4.40	25.40	206	2.00	978874	18.97	35.243	SMB
34	2:30	38	17.7675	178	36.0201	116.52 MB	shallow	5.50	4.50	25.00	196	3.50	978870	20.65	35.295	TJR
34	3:00	38	15.4900	178	36.2807	123 MB	SHALLOW	7.20	4.50	23.70	207	3.50	978865	21.12	35.313	TJR
34	3:30	38	13.0443	178	36.5588	126 MB	SHALLOW	3.80	4.70	26.60	209	3.50	978855	20.89	35.298	TJR
34	4:00	38	10.9177	178	36.6999	141 MB	SHALLOW	3.10	4.70	22.00	208	3.50	978850	20.59	35.289	TJR
34	4:30	38	8.5560	178	36.9414	154.42 MB	shallow	5.80	4.90	25.10	209	3.00	978852	19.87	35.262	SMB
34	5:00	38	6.1410	178	37.0628	145 MB	SHALLOW	0.40	5.00	24.40	198	3.00	978852	19.64	35.210	HLT
34	5:30	38	3.9363	178	38.5024	178.1 MB	SHALLOW	54.50	5.10	29.00	198	3.00	978821	19.34	35.170	RA
34	6:00	38	3.0439	178	40.9636	199.2 MB	SHALLOW	99.60	4.10	26.90	205	3.00	978821	19.54	35.167	RA
34	6:30	38	4.5619	178	41.4118	220.46 MB	SHALLOW	207.20	4.30	27.00	198	3.00	978858	20.14	35.208	RA
34	7:00	38	6.5768	178	40.2641	206.55 MB	SHALLOW	204.87	4.60	21.10	210	3.00	978859	20.68	35.256	RA
34	7:35	38	9.1994	178	38.9213	222.56 MB	SHALLOW	198.80	4.90	24.00	207	3.00	978862	20.94	35.266	RA
34	8:00	38	11.0956	178	38.1690	122.67 MB	SHALLOW	192.70	4.90	24.20	211	3.00	978865	21.08	35.278	RA
34	8:30	38	13.3966	178	37.4158	131.44 MB	SHALLOW	191.00	4.60	20.60	207	2.50	978860	21.05	35.245	hjt
34	9:00	38	15.6750	178	36.7750	130.47 MB	SHALLOW	191.90	4.30	16.60	189	2.50	978869	21.00	35.229	HJT
34	9:37	38	18.1579	178	36.2573	117.2 MB	SHALLOW	190.90	4.60	18.40	184	2.50	978874	20.94	35.232	HJT
34	10:00	38	19.7840	178	35.8634	106.77 MB	SHALLOW	193.70	4.60	19.90	173	2.50	978883	20.90	35.224	HJT
34	10:30	38	21.9085	178	35.0292	107.33 MB	SHALLOW	196.00	4.50	21.60	152	2.50	978897	20.82	35.217	HJT
34	11:00	38	24.0614	178	34.3674	92.76 MB	SHALLOW	191.40	4.70	22.90	204	2.00	978906	20.72	35.218	HJT
34	11:30	38	26.0781	178	33.6898	104.89 MB	SHALLOW	196.10	4.30	16.90	180	2.50	978913	20.20	35.171	HLT
34	12:00	38	28.3380	178	32.9097	108.99 MB	SHALLOW	316.41	4.40	16.60	178	3.00	978919	20.18	35.158	HLT
34	12:30	38	30.1030	178	31.3967	112.92 MB	SHALLOW	227.90	4.80	15.60	192	2.50	978939	19.91	35.152	HLT
34	13:00	38	32.2081	178	29.6973	116.41 MB	SHALLOW	206.70	5.00	20.30	215	2.50	978930	19.67	35.136	HLT
34	13:30	38	34.2221	178	28.3212	112.93 MB	SHALLOW	210.00	4.70	14.00	181	2.50	978936	19.79	35.142	HLT
34	14:00	38	36.3175	178	27.0276	106.27 MB	SHALLOW	195.60	4.60	9.10	154	2.50	978936	19.60	35.112	SMB
34	14:30	38	38.1194	178	28.2986	126.3 MB	SHALLOW	136.30	4.60	15.30	189	2.50	978918	20.61	35.227	SMB
34	15:00	38	39.3559	178	30.7016	217.78 MB	shallow	121.40	4.70	10.90	171	2.50	978920	21.14	35.286	SMB
34	15:30	38	40.5500	178	33.2750	392 MB+AIRGUN	SHALLOW	3163 120.00	4.60	10.30	155	2.50	978927	21.38	35.397	SOL MGL1801 I1276
34	16:00	38	41.7380	178	35.8200	779 MB+AIRGUN	SHALLOW	2993 120.70	4.60	11.00	179	2.50	978922	21.45	35.403	TJR
34	16:30	38	42.8270	178	38.3400	1027 MB+AIRGUN	AUTO	2826 116.40	4.40	7.80	165	2.50	978921	21.47	35.409	TJR
34	17:00	38	43.8590	178	40.6933	1017 MB+AIRGUN	AUTO	2669 120.40	4.10	7.90	119	2.50	978931	21.44	35.407	TJR
34	17:30	38	44.8661	178	42.8845	964.12 MB+AIRGUN	AUTO	2521 120.20	4.10	10.10	162	2.50	978941	21.50	35.406	RA
34	18:00	38	45.9291	178	45.1593	955.39 MB+AIRGUN	AUTO	2368 120.30	4.10	8.00	158	2.00	978949	21.50	35.401	EOL MGL1801 I1276
34	18:30	38	46.9253	178	47.3056	776.57 MB+AIRGUN	AUTO	2223 120.30	3.60	8.10	162	2.00	978959	21.46	35.386	SOL MGL1801 A1276
34	19:00	38	47.9449	178	49.4911	989.74 MB+AIRGUN	AUTO	2076 120.80	4.20	8.10	170	2.00	978946	21.42	35.392	RA
34	19:30	38	48.8161	178	51.7625	2304.93 MB+AIRGUN	AUTO	1930 120.60	4.00	7.00	135	2.00	978914	21.42	35.404	RA
34	20:00	38	49.7779	178	54.0351	2798.89 MB+AIRGUN	AUTO	1780 118.40	3.90	7.00	161	2.00	978891	21.40	35.401	RA
34	20:38	38	50.9225	178	56.7809	3140.39 MB+AIRGUN	AUTO	1597 109.60	3.90	3.50	142	1.50	978877	21.38	35.397	HJT
34	21:00	38	51.4568	178	58.2880	3495.12 MB+AIRGUN	AUTO	1505 123.90	3.80	3.00	149	1.50	978873	21.37	35.404	HJT
34	21:30	38	52.4430	179	0.6916	3507.85 MB+AIRGUN	AUTO	1348 120.50	3.90	3.00	148	1.50	978869	21.47	35.437	HJT
34	22:00	38	53.3451	179	2.6350	3451.19 MB+AIRGUN	AUTO	1216 120.20	4.00	0.30	19	1.50	978872	21.48	35.441	HJT
34	22:30	38	54.3865	179	4.7527	3520.66 MB+AIRGUN	AUTO	1072 120.00	4.10	6.50	66	1.50	978872	21.51	35.436	HJT
34	23:00	38	55.4146	179	6.9772	3531.08 MB+AIRGUN	AUTO	923 120.40	4.20	1.70	57	1.50	978878	21.47	35.433	HJT
34	23:30	38	56.7257	179	9.6453	3525 MB+AIRGUN	AUTO	1015 122.00	4.30	2.90	93	2.00	978894	21.42	35.408	EOL MGLA1276
35	0:00	38	58.0977	179	10.9905	3472.95 MB	AUTO	176.20	4.60	7.						

35	18:00	38	55.3049	179	4.4223	3516.5	MB+AIRGUN	DEEP	1055	121.20	4.20	16.80	351	1.50	978876	21.29	35.390	RA
35	18:30	38	56.3563	179	6.6746	3525	MB+AIRGUN	DEEP	903	120.90	4.25	18.90	346	1.50	978881	21.28	35.387	MG
35	19:00	38	57.7203	179	9.6955	3521.5	MB	DEEP		123.40	4.34	16.20	344	1.50	978896	21.32	35.397	MG
35	19:30	38	59.1950	179	10.4422	3475.46	mb	DEEP		193.10	4.59	18.80	342	1.50	978931	21.33	35.404	MG
35	20:00	38	0.5197	179	8.5435	3515.61	mb	DEEP		269.00	5.00	18.10	342	1.50	978949	21.36	35.416	RA
35	20:40	38	58.9400	179	4.6389	3516	mb	DEEP		300.00	4.60	14.00	306	1.50	978932	21.16	35.357	Jhe
35	21:00	38	58.1612	179	2.9215	3510	MB+AIRGUN	deep	1001	299.90	4.80	17.00	307	1.50	978927	21.09	35.348	Jhe
35	21:30	38	56.9225	179	0.2562	3492.01	MB+AIRGUN	DEEP	1180	297.60	4.80	19.60	356	1.50	978925	20.73	35.359	HJT
35	22:00	38	55.7689	178	57.5855	3344	MB+AIRGUN	DEEP	1356	301.90	4.80	21.00	302	1.50	978928	20.26	35.319	Jhe
35	22:30	38	54.4470	178	54.7892	2702.06	MB+AIRGUN	DEEP	1546	301.70	4.90	21.50	351	1.50	978944	20.82	35.361	HJT
35	23:00	38	53.2725	178	52.2569	2125	MB+AIRGUN	deep	1716	300.00	4.90	22.00	303	1.50	978958	21.09	35.388	Jhe
35	23:30	38	52.0004	178	49.6298	1733	MB+AIRGUN	DEEP	1894	304.60	4.90	18.60	1	1.50	978979	21.24	35.399	HLT
36	0:00	38	50.8794	178	47.2211	1270.63	MB+AIRGUN	DEEP	2058	300.00	4.80	20.10	0	1.50	978991	21.11	35.388	HLT
36	0:30	38	49.5427	178	44.3022	1053.44	MB+AIRGUN	DEEP	2252	298.80	4.60	19.80	5	1.50	978995	20.64	35.374	HLT
36	1:00	38	48.1535	178	41.3597	971.05	MB+AIRGUN	DEEP	2451	302.00	4.70	23.90	11	1.50	978993	21.03	35.373	HLT
36	1:30	38	47.1655	178	39.2664	1073.57	MB+AIRGUN	DEEP	2594	296.00	4.70	25.70	12	1.00	978983	21.37	35.368	HRL
36	2:00	38	46.0315	178	36.8252	939.03	MB+AIRGUN	DEEP	2757	303.90	4.70	23.50	15	1.00	978980	21.52	35.362	HLT
36	2:30	38	44.7613	178	34.1508	941.57	MB+AIRGUN	shallow	2939	300.70	4.80	30.40	18	1.00	978971	21.51	35.368	SMB
36	3:00	38	43.5810	178	31.6600	764	MB+AIRGUN	shallow	3109	298.00	4.80	31.60	20	1.00	978965	21.55	35.423	TJR
36	3:33	38	42.2573	178	28.7941	448	MB+AIRGUN	shallow	3300	303.00	4.40	32.70	21	1.00	978961	21.40	35.392	TJR
36	4:00	38	41.2901	178	26.7860	131	MB+AIRGUN	shallow	3439	299.00	4.30	31.20	17	1.00	978971	21.18	35.375	TJR
36	4:30	38	39.9795	178	24.8015	85.83	MB	shallow		1.60	3.50	26.20	17	1.00	978954	20.73	35.310	EOL I 1116
36	5:00	38	38.8203	178	26.3704	97.44	MB	shallow		87.40	4.30	29.40	11	1.00	978916	20.76	35.315	SMB
36	5:30	38	39.4124	178	29.1898	160.45	MB	shallow		117.30	5.10	27.50	17	1.00	978914	21.31	35.384	RA
36	6:00	38	40.6224	178	31.7791	477.5	MB	shallow		121.30	4.50	28.00	14	1.00	978917	21.44	35.405	SOL I1244
36	6:30	38	41.7824	178	34.3051	664.64	MB+AIRGUN	SHALLOW	3064	121.80	4.14	28.80	14	1.00	978922	21.44	35.380	MG
36	7:00	38	42.9655	178	36.8218	1001.49	MB+AIRGUN	SHALLOW	2895	120.10	4.70	28.10	5	1.50	978919	21.34	35.351	RA
36	7:30	38	44.1545	178	39.4575	1018.09	MB+AIRGUN	SHALLOW	2719	120.20	4.80	26.90	0	1.50	978924	21.25	35.359	RA
36	8:00	38	45.4226	178	42.2203	1000.49	MB+AIRGUN	SHALLOW	2533	120.90	4.70	25.10	357	1.50	978940	20.95	35.359	RA
36	8:30	38	46.5133	178	44.4999	956	MB+AIRGUN	shallow	2378	122.00	4.40	26.00	117	1.50	978947	20.78	35.351	Jhe
36	9:00	38	47.7261	178	47.0765	810.58	MB+AIRGUN	SHALLOW	2204	123.50	4.40	28.00	0	1.50	978955	21.30	35.402	HJT
36	9:30	38	48.8501	178	49.5212	1156.55	MB+AIRGUN	SHALLOW	2038	124.30	4.70	27.40	359	1.50	978942	21.13	35.299	HJT
36	10:00	38	50.0495	178	52.1040	2048.48	MB+AIRGUN	MEDIUM	1865	121.10	4.60	20.00	353	1.50	978908	21.45	35.365	HJT
36	10:30	38	51.2199	178	54.5904	3002.15	MB+AIRGUN	DEEP	1698	124.20	4.50	26.00	345	1.50	978892	21.43	35.362	HJT
36	11:00	38	52.3640	178	57.0615	3311.71	MB+AIRGUN	DEEP	1531	122.20	4.50	29.00	346	1.50	978878	21.43	35.376	HLT
36	11:30	38	53.6163	178	59.6778	3494.57	MB+AIRGUN	DEEP	1354	119.80	4.70	29.90	342	1.50	978872	21.45	35.394	HRL
36	12:00	38	55.0375	179	2.7604	3507.22	MB+AIRGUN	DEEP	1147	122.50	4.70	27.30	342	1.50	978870	21.48	35.422	HLT
36	12:30	38	55.9820	179	4.8632	3523.34	MB+AIRGUN	DEEP	1007	119.80	4.90	22.80	335	1.50	978873	21.47	35.418	HLT
36	13:00	38	57.1690	179	7.3477	3526.7	MB	DEEP		122.10	4.80	25.00	337	1.50	978883	21.47	35.414	EOL MGL18011244
36	13:30	38	58.5221	179	9.9000	3514.92	MB	DEEP		145.80	4.80	23.20	341	1.50	978901	21.44	35.387	HLT
36	14:00	39	0.7364	179	9.3664	3513.22	MB	DEEP		208.90	4.70	23.30	335	1.50	978937	21.15	35.293	HLT
36	14:30	39	2.4224	179	7.5840	3504	MB	DEEP		249.00	4.60	22.10	335	1.50	978940	21.31	35.375	TJR
36	15:00	39	1.7687	179	4.9479	3498.62	MB	DEEP		300.40	4.60	17.30	332	1.50	978937	21.33	35.403	TJR
36	15:30	39	0.5402	179	2.3556	3497	MB	DEEP		299.90	4.90	16.50	328	1.50	978934	20.96	35.349	TJR
36	16:00	38	59.3358	178	59.7322	3460.66	MB+AIRGUN	DEEP	1115	299.00	4.80	13.30	323	1.50	978935	20.33	35.293	TJR
36	16:30	38	58.0819	178	57.0644	3123.53	MB+AIRGUN	DEEP	1295	303.60	4.80	14.80	314	1.50	978940	20.36	35.298	TJR
36	17:00	38	56.8601	178	54.4620	2393.34	MB+AIRGUN	DEEP	1471	299.90	4.80	9.60	285	1.50	978953	20.32	35.294	TJR
36	17:30	38	55.4054	178	51.3128	2269.89	MB+AIRGUN	DEEP	1682	300.80	4.96	8.40	294	1.50	978967	21.01	35.384	MG
36	18:00	38	54.3823	178	49.1033	1512.16	MB+AIRGUN	MEDIUM	1834	301.40	5.08	11.40	298	1.50	978984	21.04	35.398	MG
36	18:30	38	53.1575	178	46.4839	1306	MB+AIRGUN	MEDIUM	2007	300.60	4.83	15.30	284	1.50	978995	21.23	35.420	MG
36	19:00	38	51.6068	178	43.6695	988.95	MB+AIRGUN	SHALLOW	2207	314.80	5.10	17.30	267	1.50	978993	21.37	35.436	MG
36	19:30	38	50.2448	178	41.9104	945.04	MB+AIRGUN	SHALLOW	2345	313.10	4.87	12.30	270	1.50	978991	21.43	35.440	MG
36	20:00	38	48.9592	178	39.4514	1077	MB+AIRGUN	SHALLOW	2516	309.90	4.71	15.30	273	1.50	978990	21.30	35.420	MG
36	20:30	38	47.5565	178	37.2212	754	MB+AIRGUN	SHALLOW	2680	304.00	4.50	16.00	301	1.50	978990	21.14	35.375	JHE
36	21:00	38	46.0743	178	34.1253	919	MB+AIRGUN	SHALLOW	2890	299.00	4.70	6.00	304	1.50	978977	21.26	35.357	JHE
36	21:30	38	45.0325	178	31.9132	855	MB+AIRGUN	SHALLOW	3039	302.00	4.50	13.00	306	1.50	978967	21.35	35.279	JHE
36	22:34	38	42.3599	178	26.5874	277.41	MB+AIRGUN	SHALLOW	3406	298.90	4.80	7.10	266	1.50	978970	20.55	35.309	hjt
36	23:00	38	41.3561	178	24.2194	85.46	MB	SHALLOW		281.50	4.90	2.30	336	1.00	978975	19.65	35.227	HLT
36	23:30	38	39.6292	178	23.1754	69.74	MB	SHALLOW		49.90	4.50	5.20	77	1.00	978920	19.41	35.189	HLT
37	0:00	38	39.6397	178	26.0614	101.8	MB	SHALLOW		94.30	4.40	2.50	115	1.00	978916	20.78	35.312	HLT
37	0:30	38	40.2673	178	28.1501	245.76	MB	SHALLOW		119.50	3.60	5.10	113	1.00	978924	21.41	35.394	HLT
37	1:00	38	41.2184	178	30.1955	444.39	MB+AIRGUN	SHALLOW	3292	121.00	4.70	8.40	131	1.00	978917	21.47	35.388	SOL MGL1188
37	1:30	38	42.4559	178	32.7803	753.63	MB+AIRGUN	SHALLOW	3116	119.00	4.80	9.30	167	1.00	978915	21.47	35.351	HLT
37	2:00	38	43.6762	178	35.3812	970.12	MB+AIRGUN	SHALLOW	2941	120.60	4.60	11.20	190	1.00	978919	21.49	35.365	TJR
37	2:30	38	44.8512	178	37.8111	1007.12	MB+AIRGUN	SHALLOW	2775	120.50	4.50	14.50	181	1.00	978928	21.64	35.418	TJR
37	3:00	38	46.0177	178	40.2516	1042.96	MB+AIRGUN	SHALLOW	2609	122.90	4.50	16.00	198	1.00	978936	21.30	35.383	TJR
37	3:30	38	47.2201	178	42.8389	916.51	MB+AIRGUN	SHALLOW	2435	120.90	4.90	18.30	199	1.00	978942	21.19	35.362	TJR
37	4:01	38	48.5241	178	45.5547	1164.7	MB+AIRGUN	MEDIUM	2251	123.10	4.40	14.30	176	1.00	978947	21.46	35.338	TJR
37	4:30	38	49.5928	178	47.8179	1019.32	MB+AIRGUN	MEDIUM	2097	121.00	4.30	16.00	168	1.00	978952	21.62	35.357	TJR
37	5:00	38	50.6															

38	0:30	38	49.4529	178	44.8642	1122 MB	shallow	149.10	2.70	14.80	118	1.50	978964	21.17	35.241	HLT
38	1:00	38	50.5437	178	45.7398	1279 MB	MEDIUM	145.90	2.70	14.50	115	1.50	978962	21.22	35.231	HLT
38	1:30	38	51.7501	178	46.7746	1381 MB	MEDIUM	142.10	2.80	14.60	132	1.50	978960	21.26	35.244	HLT
38	2:00	38	52.8836	178	47.7075	1289 MB	MEDIUM	147.10	3.10	14.80	114	2.00	978963	21.29	35.248	HLT
38	2:30	38	54.2338	178	48.87982	1424 MB	DEEP	155.50	3.20	13.50	126	2.00	978956	21.29	35.248	TJR
38	3:00	38	55.9198	178	49.4242	2222 MB	DEEP	163.00	3.20	19.40	119	2.00	978950	21.23	35.228	TJR
38	3:30	38	57.2601	178	49.9503	2147 MB	DEEP	164.00	3.20	15.30	133	2.00	978950	21.20	35.232	TJR
38	4:00	38	58.8010	178	51.0848	2032 MB	DEEP	117.00	3.00	16.20	152	2.00	978940	21.20	35.242	TJR
38	4:30	38	59.5401	178	52.5881	2204.88 MB	DEEP	123.00	3.00	14.50	152	2.00	978934	21.21	35.242	SMB
38	5:00	39	0.6901	178	53.5711	2523 MB	DEEP	186.10	3.40	16.70	129	2.00	978943	21.20	35.250	TJR
38	5:30	39	2.3002	178	53.1983	2799.45 MB	AUTO	190.20	3.40	17.00	130	1.50	978943	21.16	35.278	RA
38	6:00	39	3.9543	178	52.7939	3021.3 MB	AUTO	192.30	3.50	17.90	124	1.50	978938	21.41	35.349	RA
38	6:30	39	5.7489	178	52.3887	3178.45 MB	AUTO	189.10	3.50	15.50	127	1.50	978931	21.24	35.302	RA
38	7:00	39	7.4457	178	52.0453	3340.69 MB	AUTO	188.20	3.50	15.30	139	1.50	978925	21.18	35.308	RA
38	7:30	39	9.1565	178	51.7312	3383.83 MB	AUTO	186.20	3.50	18.70	130	1.50	978925	20.96	35.317	RA
38	8:00	39	10.9705	178	51.3771	3395.64 MB	AUTO	188.20	3.70	14.00	122	1.50	978925	20.30	35.148	RA
38	8:30	39	13.1404	178	51.0269	3402.46 MB	AUTO	186.40	3.70	16.90	130	1.50	978927	20.29	35.217	HJT
38	9:00	39	15.0029	178	50.7826	3392.97 MB	AUTO	185.40	3.30	15.10	132	1.50	978930	20.22	35.219	HJT
38	9:38	39	16.7729	178	50.6654	3387.91 MB	AUTO	179.90	3.50	14.70	127	1.50	978932	20.28	35.199	HJT
38	10:00	39	17.8600	178	50.6153	3394.47 MB	AUTO	178.90	3.10	10.00	130	1.50	978935	20.27	35.230	HJT
38	10:30	39	19.3654	178	50.5210	3392.77 MB	AUTO	184.90	3.00	16.30	122	1.50	978941	20.18	35.245	HJT
38	11:00	39	20.8515	178	50.4230	3394.14 MB	AUTO	182.60	2.90	14.50	123	1.50	978941	20.20	35.246	HJT
38	12:00	39	23.9599	178	50.2345	3402 MB	AUTO	182.80	3.20	15.90	137	1.50	978949	20.23	35.233	HLT
38	12:30	39	25.6441	178	50.0495	3394 MB	AUTO	186.60	3.60	17.80	120	1.50	978954	20.25	35.325	HLT
38	13:30	39	27.4878	178	49.7935	3393 MB	AUTO	184.50	3.60	18.30	130	1.50	978954	20.28	35.221	HLT
38	14:00	39	31.1010	178	49.4393	3374.82 MB	AUTO	185.50	3.60	15.80	12.1	1.50	978960	20.30	35.231	SMB
38	14:39	39	33.6173	178	49.1906	3347.7 MB	AUTO	184.00	3.60	16.90	136	1.50	978966	20.25	35.238	SMB
38	15:00	39	35.0339	178	48.9890	3351.13 MB	DEEP	185.10	3.90	18.30	129	1.50	978965	20.17	35.249	SMB
38	15:30	39	36.8962	178	48.7078	3345.86 MB	DEEP	187.40	3.80	15.80	127	1.50	978963	20.10	35.256	SMB
38	16:02	39	38.7880	178	48.3053	3339 MB	DEEP	189.10	3.80	17.40	125	1.50	978970	20.10	35.265	TJR
38	16:30	39	40.4335	178	47.9653	3329.81 MB	DEEP	191.00	3.50	21.30	128	1.50	978964	20.08	35.262	TJR
38	17:00	39	41.9061	178	47.4308	3328 MB	DEEP	197.20	2.70	18.20	129	1.50	978979	20.06	36.261	TJR
38	17:30	39	43.2968	178	46.9227	3315.2 MB	DEEP	189.50	3.89	18.00	119	1.50	978976	20.01	35.259	MG
38	18:00	39	45.1436	178	46.4526	3313.96 MB	DEEP	177.30	2.31	21.40	135	1.50	978980	19.99	35.259	MG
38	18:30	39	46.3666	178	46.1936	3304.53 MB	DEEP	187.50	4.85	19.30	141	1.50	978980	20.00	35.254	MG
38	19:00	39	46.8700	178	46.0867	3304.12 MB	DEEP	195.90	4.31	20.60	147	1.50	978978	20.00	35.253	MG
38	19:30	39	46.8357	178	41.2028	3301.23 MB	DEEP	281.70	4.54	16.30	113	1.50	978999	20.37	35.289	MG
38	20:00	39	46.5389	178	39.6828	3321.95 MB	DEEP	291.10	2.40	13.50	10	1.50	978992	20.41	35.301	RA