SOST

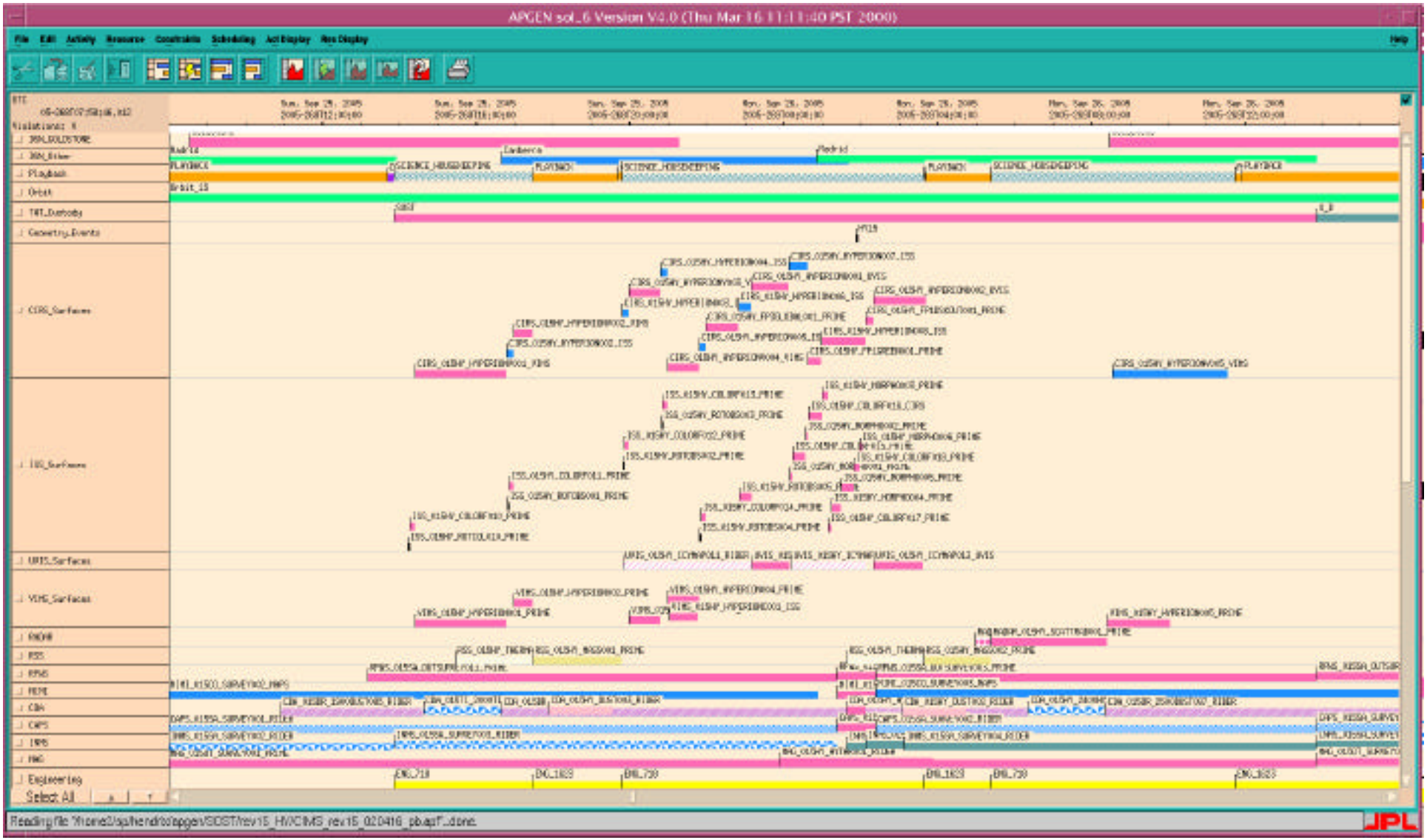
Rev 15

2005-268T14:12 - 2005-269T19:20

Amanda Hendrix, Bonnie Buratti

4/17/02

Rev 15 timeline



SOST Rev 15 CIMS TOL

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SOST Rev 15 4/16/02												
Request	Start Time	Duration	EndTime	Rate	DataVolume	Pointing						
MAG_015OT_SURVEY001_PRIME	2005-257T16:21:52	011T21:28:08	2005-269T13:50:00	600	616.61	None						
CAPS_015SA_SURVEY001_RIDER	2005-265T18:50:00	003T06:31:56	2005-269T01:21:56	1000	282.716	Control of 2nd axis when possible						
INMS_015SA_SURVEY002_RIDER	2005-265T19:39:00	002T18:11:00	2005-268T13:50:00	50	11.913	Ride along.						
MIMI_015CO_SURVEY002_MAPS	2005-267T07:40:00	001T17:11:56	2005-269T00:51:56	900	133.5	If poss, keep corot ram in -X, +/-Z half-plane; B field in X, Z plane.						
UVIS_015SW_IPHSURVEY003_RIDER	2005-268T04:50:00	000T09:00:00	2005-268T13:50:00	76 bps	No DataVolum	any						
CDA_015DR_1900DUST085_RIDER	2005-268T10:53:33	000T03:42:52	2005-268T14:36:25	150	1.912	CDA to Kepler RAM						
RPWS_015SA_OUTSURVEY013_PRIME	2005-268T13:10:00	000T12:11:56	2005-269T01:21:56	1310	58	don't care						
INMS_015SA_SURVEY003_RIDER	2005-268T13:50:00	000T11:31:56	2005-269T01:21:56	50	2.0758	Ride along.						
ISS_015HY_ROTCOL010_PRIME	2005-268T14:13:00	000T00:01:45	2005-268T14:14:45		8.39	Boresight to target, +Z to North Saturn Pole						
ISS_015HY_COLORF010_PRIME	2005-268T14:14:45	000T00:09:15	2005-268T14:24:00		37.75	Boresight to target, +Z to North Saturn Pole						
VIMS_015HY_HYPERION001_PRIME	2005-268T14:22:56	000T02:24:00	2005-268T16:46:56	VIMS_18432	7.3	VIMS boresight to hyperion						
CIRS_015HY_HYPERIONV001_VIMS	2005-268T14:22:56	000T02:24:00	2005-268T16:46:56		31.4	-Y to Hyperion						
CDA_015TI_2000TIORX010_RIDER	2005-268T14:37:26	000T02:00:00	2005-268T16:37:26	200	1.373	CDA to Kepler RAM						
RSS_015HY_THERMAL001_RSS	2005-268T15:26:56	000T02:00:00	2005-268T17:26:56	0	0	No pointing requirement						
CDA_015DR_2100DUST086_RIDER	2005-268T16:38:26	000T13:40:28	2005-269T06:18:54	150	7.042	CDA to Kepler RAM						
CIRS_015HY_HYPERION002_ISS	2005-268T16:46:56	000T00:11:00	2005-268T16:57:56		22.3	-Y to Hyperion						
ISS_015HY_ROTOBS001_PRIME	2005-268T16:48:00	000T00:01:45	2005-268T16:49:45		8.39	Boresight to target, +Z to North Saturn Pole						
ISS_015HY_COLORF011_PRIME	2005-268T16:49:45	000T00:08:10	2005-268T16:57:55		37.75	Boresight to target, +Z to North Saturn Pole						
VIMS_015HY_HYPERION002_PRIME	2005-268T16:57:56	000T00:29:00	2005-268T17:26:56	VIMS_18432	10	VIMS boresight to hyperion						
CIRS_015HY_HYPERIONV002_VIMS	2005-268T16:57:56	000T00:29:00	2005-268T17:26:56		31.4	-Y to Hyperion						
RSS_015HY_MASS001_PRIME	2005-268T17:26:56	000T02:20:00	2005-268T19:46:56	0	0	Primary axis = KABAND to Earth. Secondary axis is free.						
CDA_015HY_DUST003_RIDER	2005-268T17:51:56	000T01:40:00	2005-268T19:31:56	200	1.2	secondary axis: -x = (ra: 223.2, dec: 6.6)						
CIRS_015HY_HYPERION003_ISS	2005-268T19:46:56	000T00:11:00	2005-268T19:57:56		22.3	-Y to Hyperion						
ISS_015HY_ROTOBS002_PRIME	2005-268T19:48:00	000T00:01:45	2005-268T19:49:45		46.14	Boresight to target, +Z to Earth						
UVIS_015HY_ICYMAP011_RIDER	2005-268T19:48:00	000T03:21:00	2005-268T23:09:00	32096	No DataVolum	Ride-along w/ ORS; continuous slew mosaics prefered at 30 urad/sec						
ISS_015HY_COLORF012_PRIME	2005-268T19:49:45	000T00:08:10	2005-268T19:57:55		37.75	Boresight to target, +Z to North Saturn Pole						
VIMS_015HY_HYPERION003_PRIME	2005-268T19:57:56	000T00:49:00	2005-268T20:46:56	VIMS_18432	7.3	VIMS boresight to hyperion						
CIRS_015HY_HYPERIONV003_VIMS	2005-268T19:57:56	000T00:49:00	2005-268T20:46:56		31.4	-Y to Hyperion						
CIRS_015HY_HYPERION004_ISS	2005-268T20:46:56	000T00:11:00	2005-268T20:57:56		22.3	-Y to Hyperion						
ISS_015HY_ROTOBS003_PRIME	2005-268T20:48:00	000T00:01:45	2005-268T20:49:45		46.14	Boresight to target, +Z to Earth						
ISS_015HY_COLORF013_PRIME	2005-268T20:49:45	000T00:08:10	2005-268T20:57:55		37.75	Boresight to target, +Z to North Saturn Pole						
VIMS_015HY_HYPERION004_PRIME	2005-268T20:57:56	000T00:49:00	2005-268T21:46:56	VIMS_18432	7.3	VIMS boresight to hyperion						
CIRS_015HY_HYPERIONV004_VIMS	2005-268T20:57:56	000T00:49:00	2005-268T21:46:56		31.4	-Y to Hyperion						
VIMS_015HY_HYPERIONC001_ISS	2005-268T21:00:00	000T00:45:00	2005-268T21:45:00	VIMS_18432	8.65	Ride Along with ISS						
CIRS_015HY_HYPERION005_ISS	2005-268T21:46:56	000T00:11:00	2005-268T21:57:56		22.3	-Y to Hyperion						
ISS_015HY_ROTOBS004_PRIME	2005-268T21:48:00	000T00:01:45	2005-268T21:49:45		46.14	Boresight to target, +Z to Earth						
ISS_015HY_COLORF014_PRIME	2005-268T21:49:45	000T00:08:10	2005-268T21:57:55		37.75	Boresight to target, +Z to North Saturn Pole						
CIRS_015HY_FP3GLOBAL001_PRIME	2005-268T21:57:56	000T00:50:00	2005-268T22:47:56	4000	11.8	-Y to Hyperion						
CIRS_015HY_HYPERION006_ISS	2005-268T22:47:56	000T00:20:00	2005-268T23:07:56		22.3	-Y to Hyperion						
ISS_015HY_ROTOBS005_PRIME	2005-268T22:49:00	000T00:20:00	2005-268T23:09:00		83.89	Boresight to target, +Z to Earth						
CIRS_015HY_HYPERIONU001_UVIS	2005-268T23:07:56	000T00:59:00	2005-269T00:06:56		26.2	-Y to Hyperion						
UVIS_015HY_ICYMAP012_UVIS	2005-268T23:09:00	000T00:59:00	2005-269T00:08:00	32096	No DataVolum	-Y to target, slit parallel to equator						
MAG_015HY_HYTAR001_RIDER	2005-268T23:51:56	000T04:00:00	2005-269T03:51:56	1376	19.82	none						
CIRS_015HY_HYPERION007_ISS	2005-269T00:06:56	000T00:30:00	2005-269T00:36:56		22.3	-Y to Hyperion						
ISS_015HY_MORPHO001_PRIME	2005-269T00:08:00	000T00:05:00	2005-269T00:13:00		67.11	Boresight to target, +Z to Earth						
UVIS_015HY_ICYMAP014_RIDER	2005-269T00:10:00	000T01:58:00	2005-269T02:08:00	32096	No DataVolum	Ride-along w/ ORS; continuous slew mosaics prefered at 30 urad/sec						
ISS_015HY_COLORF015_PRIME	2005-269T00:13:00	000T00:20:00	2005-269T00:33:00		75.5	Boresight to target, +Z to Earth						
ISS_015HY_MORPHO002_PRIME	2005-269T00:33:00	000T00:03:55	2005-269T00:36:55		50.33	Boresight to target, +Z to Earth						
CIRS_015HY_FP1GREEN001_PRIME	2005-269T00:36:56	000T00:20:00	2005-269T00:56:56	4000	4.8	-Y to Hyperion						
ISS_015HY_COLORF016_CIRS	2005-269T00:38:00	000T00:20:00	2005-269T00:58:00		67.11	Boresight to target, +Z to Earth						
CIRS_015HY_HYPERION008_ISS	2005-269T00:56:56	000T01:10:00	2005-269T02:06:56		32.2	-Y to Hyperion						

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ISS_015HY_MORPHO003_PRIME	2005-269T00:58:00	000T00:10:00	2005-269T01:08:00		50.33	Boresight to target, +Z to Earth				
ISS_015HY_COLORF017_PRIME	2005-269T01:08:00	000T00:05:00	2005-269T01:13:00		37.75	Boresight to target, +Z to Earth				
ISS_015HY_MORPHO004_PRIME	2005-269T01:13:00	000T00:15:00	2005-269T01:28:00		58.72	Boresight to target, +Z to Earth				
MIMI_015HY_ENCOUNTER001_ISS	2005-269T01:21:56	000T01:00:00	2005-269T02:21:56	1800	6.5	B field in X,Z plane, -X to corotation				
CAPS_015HY_ENCOUNTER001_ISS	2005-269T01:21:56	000T01:00:00	2005-269T02:21:56	16000	57.6	??? within 75 deg of -Y (95 deg if towards -X)				
RPWS_015HY_HYCA001_PRIME	2005-269T01:21:56	000T01:00:00	2005-269T02:21:56	100000	360	Don't care				
ISS_015HY_MORPHO005_PRIME	2005-269T01:28:00	000T00:20:00	2005-269T01:48:00		8.39	Boresight to target, +Z to Earth				
INMS_015HY_ICYSATCL001_ISS	2005-269T01:36:56	000T00:30:00	2005-269T02:06:56	1498	2.6964	-x to spacecraft ram				
CDA_015HY_HYPDUST001_PRIME	2005-269T01:36:56	000T00:30:00	2005-269T02:06:56	524	1	CDA boresight to dust RAM				
RSS_015HY_THERMAL002_RSS	2005-269T01:37:26	000T02:00:00	2005-269T03:37:26	0	0	No pointing requirement				
ISS_015HY_COLORF018_PRIME	2005-269T01:48:00	000T00:10:00	2005-269T01:58:00		37.75	Boresight to target, +Z to Earth				
ISS_015HY_MORPHO006_PRIME	2005-269T01:58:00	000T00:03:55	2005-269T02:01:55		8.39	Boresight to target, +Z to Earth				
INMS_015HY_ICYSATOB001_ISS	2005-269T02:06:56	000T01:00:00	2005-269T03:06:56	1498	1.3482	ride along w/ISS				
CIRS_015HY_FP1DSKOUT001_PRIME	2005-269T02:06:56	000T00:12:00	2005-269T02:18:56	4000	2.88	-Y to Hyperion				
CIRS_015HY_HYPERIONU002_UVIS	2005-269T02:18:56	000T01:23:00	2005-269T03:41:56		26.2	-Y to Hyperion				
UVIS_015HY_ICYMAP013_UVIS	2005-269T02:19:00	000T01:18:00	2005-269T03:37:00	32096	No DataVolum	-Y to target, slit parallel to equator				
RPWS_015SA_OUTSURVEY003_PRIME	2005-269T02:21:56	000T11:28:04	2005-269T13:50:00	1310	54	don't care				
CAPS_015SA_SURVEY002_RIDER	2005-269T02:21:56	000T11:28:04	2005-269T13:50:00	1000	41.284	Control of 2nd axis when possible				
MIMI_015CO_SURVEY003_MAPS	2005-269T02:21:56	001T18:03:04	2005-270T20:25:00	900	137.9	If poss, keep corot ram in -X, +/-Z half-plane; B field in X, Z plane.				
CDA_015HY_DUST002_RIDER	2005-269T03:03:56	000T01:40:00	2005-269T04:43:56	200	1.2	secondary axis: -x = (ra: 223.2, dec: 6.6)				
INMS_015SA_SURVEY004_RIDER	2005-269T03:06:56	000T10:43:04	2005-269T13:50:00	50	1.9292	No Pointing Information.				
RSS_015HY_MASS002_PRIME	2005-269T03:37:26	000T01:45:00	2005-269T05:22:26	0	0	Primary axis = KABAND to Earth. Secondary axis is free.				
RADAR_015HY_WARMDAT001_RIDER	2005-269T04:57:26	000T00:43:16	2005-269T05:40:42	250	0.65	No constraint.				
RADAR_015HY_SCATTRAD001_PRIME	2005-269T05:22:26	000T03:01:46	2005-269T08:24:12	36677	400	RADAR must control primary and secondary axes to obtain correct polarization.				
CDA_015HY_2400HYORX007_RIDER	2005-269T06:19:55	000T02:00:00	2005-269T08:19:55	524	3.598	CDA to Kepler RAM				
CDA_015DR_2500DUST087_RIDER	2005-269T08:20:54	006T14:39:26	2005-275T23:00:20	150	81.705	CDA to Kepler RAM				
VIMS_015HY_HYPERION005_PRIME	2005-269T08:24:12	000T01:38:00	2005-269T10:02:12	VIMS_18432	7.3	VIMS boresight to hyperion				
CIRS_015HY_HYPERIONV005_VIMS	2005-269T08:31:56	000T03:00:00	2005-269T11:31:56		38.4	-Y to Hyperion				
RPWS_015SA_OUTSURVEY014_PRIME	2005-269T13:50:00	001T05:35:00	2005-270T19:25:00	1087	116	don't care				
CAPS_015SA_SURVEY005_RIDER	2005-269T13:50:00	001T05:35:00	2005-270T19:25:00	830	88.395	Control of 2nd axis when possible				
INMS_015SA_SURVEY005_RIDER	2005-269T13:50:00	001T06:35:00	2005-270T20:25:00	50	5.505	No Pointing Information.				
MAG_015OT_SURVEY002_PRIME	2005-269T13:50:00	001T05:35:00	2005-270T19:25:00	498	53.04	None				

SOST Rev 15 Attitude Strategy

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EPOCH_015HY=2005 269 01:51:55.82
NSP= Saturn North Pole

						Observation Attitude		
Request	Riders	Start (SCET)	Start (Epoch)	Dur	End (SCET)	Primary	Secondary	Comments
turn to new waypoint		2005-268T13:50		00:22	2005-268T14:12	NAC to HYPERION	+X to NSP	
NEW WAYPOINT		**2005-268T14:12**		**20:31**	**2005-269T11:43**	**NAC to HYPERION**	**+X to NSP**	
ISS prime	V, C, U	2005-268T14:12	HY-11:40	00:11				
VIMS prime	C, U, I	2005-268T14:23	HY-11:29	02:24				
ISS prime	V, C, U	2005-268T16:47	HY-09:05	00:11				
VIMS prime	C, U, I	2005-268T16:58	HY-08:54	00:29				
RSS		2005-268T17:27	HY-08:25	02:20		KABAND to EARTH	+X to NSP	
ISS prime	V, C, U	2005-268T19:47	HY-06:05	00:11				
VIMS prime	C, U, I	2005-268T19:58	HY-05:54	00:49				
ISS prime	V, C, U	2005-268T20:47	HY-05:04	00:11				
VIMS prime	C, U, I	2005-268T20:58	HY-04:54	00:49				
ISS prime	V, C, U	2005-268T21:47	HY-04:05	00:11				
CIRS prime	V, U, I	2005-268T21:58	HY-03:54	00:50				
ISS prime	V, C, U	2005-268T22:48	HY-03:04	00:20				
UVIS prime	C, V, I	2005-268T23:08	HY-02:44	00:59				
ISS prime	V, C, U	2005-269T00:07	HY-01:45	00:30				
CIRS prime	V, U, I	2005-269T00:37	HY-01:15	00:20				
ISS prime	V, C, U	2005-269T00:57	HY-00:55	01:10				
CIRS prime	V, U, I	2005-269T02:07	HY+00:15	00:12				
UVIS prime	C, V, I	2005-269T02:19	HY+00:27	01:18:30				
RSS		2005-269T03:37:30	HY+01:45:30	01:45		KABAND to EARTH	+X to NSP	
RADAR		2005-269T05:22:30	HY+03:30	03:01:46		-Z to HYPERION	+X to NSP	
VIMS prime	C, U, I	2005-269T08:24:16	HY+06:32:16	01:38				
turn to Earth		2005-269T10:02		00:18	2005-269T10:20	XBAND to EARTH	+X to 270.0/+66.561	
downlink		2005-269T10:20		09:00	2005-269T19:20	XBAND to EARTH	rolling	

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SOST Rev 15 OpMode and Telemetry Mode Strategy

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Start Time	Dur	End Time	OpMode	OpMode Transition Time (from prev.)	Telemetry Mode	Comments
268T04:51:56	09:00	268T13:51:56	DFPW	00:00:05	RTE_N_SPB_X	Downlink
268T13:51:56	00:20	168T14:11:56	ORS_RWA	00:00:05	S_N_ER_3	turn to WP
HY-11:40	01:35	HY-10:05	ORS_RWA		S_N_ER_3	ORS Hyperion
HY-10:05	01:40	HY-08:25	unique	??	S_N_ER_3	RSS warmup, ORS Hyperion
HY-08:25	00:12	HY-08:13	RSS3_RWA	??	S_N_ER_3	RSS warmup, turn to RSS
HY-08:13	01:56	HY-06:17	RSS3_RWA		S_N_ER_3	RSS Hyperion
HY-06:17	00:20	HY-06:05	ORS_RWA	0:01:04	S_N_ER_3	turn to WP
HY-06:05	06:15	HY+00:10	ORS_RWA		S_N_ER_3	ORS Hyperion
HY+00:10	01:35:30	HY+01:45:30	unique	??	S_N_ER_3	RSS warmup, ORS Hyperion
HY+01:45:30	00:25	HY+02:10:30	RSS3_RWA	??	S_N_ER_3	RSS warmup, turn to RSS
HY+02:10:30	00:55:00	HY+03:05:30	RSS3_RWA		S_N_ER_3	RSS Hyperion
HY+03:05:30	00:25	HY+03:30:30	RADAR_WU	00:01:12	S_N_ER_8	RADAR W/U, turn to WP
HY+03:30:30	00:18:16	HY+03:48:46	RADAR_WU		S_N_ER_8	RADAR W/U, turn to RADAR
HY+03:48:46	02:25:30	HY+06:14:16	RADAR_RWA	00:00:42	S_N_ER_8	RADAR Hyperion
HY+06:14:16	00:18:00	HY+06:32:16	ORS_RWA	00:05:29	S_N_ER_3	turn to WP
HY+06:32:16	03:00	HY+09:32:16	ORS_RWA		S_N_ER_3	ORS Hyperion
269T11:23:42	00:20	269T11:43:42	ORS_RWA		S_N_ER_3	turn to Earth
269T11:43:42	09:00	269T20:43:42	DFPW	00:00:06	RTE_N_SPB_X	Downlink

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SOST Rev 15 Data Volume 4/16/02

Playback	Start doy hh:mm	End doy hh:mm	Volume (Mb)	5% (Mb)	ENG+HK (Mb)	SCIENCE (Mb)	TOTAL (Mb)	MARGIN (Mb)
PLAYBACK*	268 04:35	268 13:49	24617	1231	0	923	923	22464
PLAYBACK*	268 17:12	268 19:47	184	9	26	240	266	-91
PLAYBACK*	269 03:22	269 05:22	669	33	37	2035	2072	-1437
PLAYBACK***	269 11:28	269 20:43	3661	183	74	647	721	2757
Leftover:					0	357	357	-357

Event	Start doy hh:mm	End doy hh:mm	CAPS (Mb)	CDA (Mb)	CIRS (Mb)	INMS (Mb)	ISS (Mb)	MAG (Mb)	MIMI (Mb)	RADAR (Mb)	RPWS (Mb)	UVIS (Mb)	VIMS_ (Mb)	VIMS (Mb)	ENG (Mb)	SCIENC (Mb)	TOTAL (Mb)
OBSERVATION	undef min	268 04:35	207.9	0.0	0.0	10.2	0.0	544.8	67.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	830.7
PLAYBACK*	268 04:35	268 13:49	33.3	1.6	0.0	1.7	0.0	20.0	30.0	0.0	3.1	2.5	0.0	0.0	0.0	0.0	92.1
OBSERVATION	268 13:49	268 17:12	12.1	2.2	39.3	0.6	92.3	7.3	10.9	0.0	15.9	0.0	12.2	0.0	8.7	2.9	204.2
PLAYBACK*	268 17:12	268 19:47	9.3	2.6	3.6	0.5	0.0	5.6	8.4	0.0	12.2	0.0	5.1	0.0	14.3	0.2	61.7
OBSERVATION	268 19:47	269 03:22	81.3	5.3	99.4	9.1	796.9	33.8	26.2	0.0	391.1	507.7	23.2	0.0	19.6	6.4	2000.1
PLAYBACK*	269 03:22	269 05:22	7.2	2.1	4.7	0.4	0.0	6.7	6.5	0.6	9.4	23.7	0.0	0.0	10.9	0.2	72.3
OBSERVATION	269 05:22	269 11:28	21.9	6.0	21.1	1.1	0.0	13.2	19.7	399.9	28.7	0.0	7.3	0.0	15.7	5.2	539.9
PLAYBACK***	269 11:28	269 20:43	29.1	5.0	0.5	1.7	6.3	17.5	30.0	0.0	38.1	0.0	0.0	0.0	53.2	0.2	181.5
Leftover:	269 20:43	undef max	67.8	78.9	0.0	4.3	0.0	40.7	76.8	0.0	88.8	0.0	0.0	0.0	0.0	0.0	357.3

Event	Start doy hh:mm	End doy hh:mm	CAPS (Pkts)	CDA (Pkts)	CIRS (Pkts)	INMS (Pkts)	ISS (Pkts)	MAG (Pkts)	MIMI (Pkts)	RADAR (Pkts)	RPWS (Pkts)	UVIS (Pkts)	VIMS_ (Pkts)	VIMS (Pkts)	TOTAL (Pkts)
OBSERVATION	undef min	268 04:35	26000	0	0	1300	0	69000	8500	0	0	0	0	0	104800
PLAYBACK*	268 04:35	268 13:49	4200	400	0	300	0	2600	3800	0	500	300	0	0	12100
OBSERVATION	268 13:49	268 17:12	1600	600	5000	100	12200	1000	1400	0	2100	0	2100	0	26100
PLAYBACK*	268 17:12	268 19:47	1200	700	500	100	0	800	1100	0	1600	0	900	0	6900
OBSERVATION	268 19:47	269 03:22	10200	1300	12500	1200	104700	4300	3300	0	51400	58400	4000	0	251300
PLAYBACK*	269 03:22	269 05:22	900	500	600	100	0	900	900	100	1300	2800	0	0	8100
OBSERVATION	269 05:22	269 11:28	2800	1500	2700	200	0	1700	2500	52700	3800	0	1300	0	69200
PLAYBACK***	269 11:28	269 20:43	3700	1200	100	300	900	2300	3800	0	5100	0	0	0	17400
Leftover:	269 20:43	undef max	8500	18900	0	600	0	5200	9600	0	11700	0	0	0	54500

* = back-to-back or multirate playbacks; first one listed

SOST Rev 15 DSN Requests [4/16/02]

DSN	Type	Track Start (ERT)	Track End (ERT)	Track Dur.	2-way Dur.	Downlink Start (SCET)	Downlink End (SCET)	Downlink Duration	Data Rate (kbps)	OWLT	Comments
Goldstone DSS-25	34 BWG	2005-268T16:00	2005-268T21:10	00T05:10	00T02:20	2005-268T17:27	2005-268T19:47	00T02:20	22, 27	82.64	RSS, downlink
Madrid	70 m	2005-269T02:10	2005-269T06:45	00T04:35	00T01:45	2005-269T03:37:30	2005-269T05:22:30	00T01:45	110, 124	82.64	RSS, downlink
Goldstone / Canberra	70 m	2005-269T13:05	2005-269T22:05	00T09:00	00T06:15	2005-269T11:43	2005-269T20:43	00T09:00	110, 124, 142	82.64	downlink

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Open Issues

- UVIS requests need to be put in epoch-relative time