

SOST

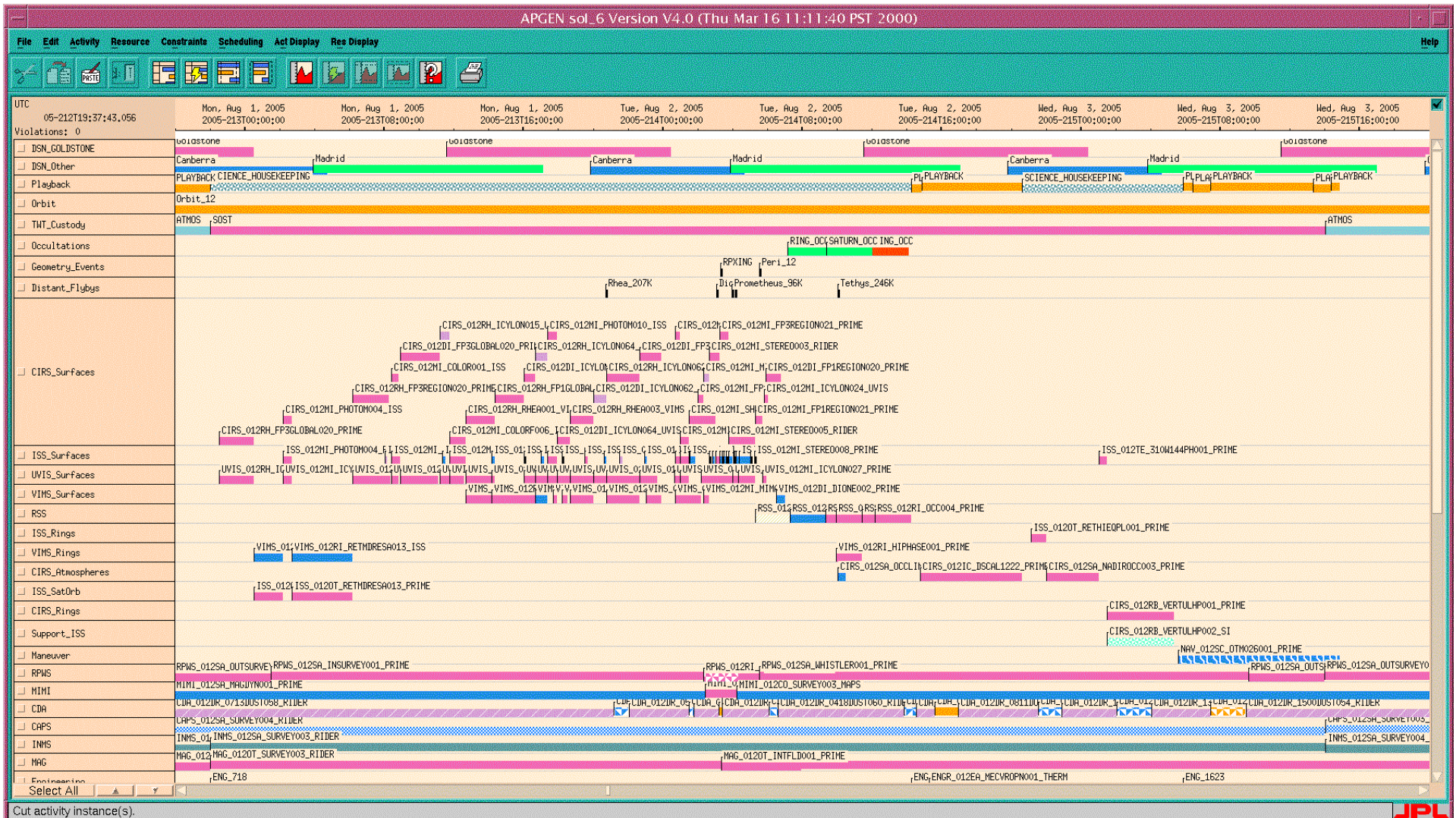
Rev 12

2005-212T22:00 - 2005-215T14:50

Amanda Hendrix, Bonnie Buratti, Laci Roth

3/28/02

SOST Rev 12 timeline



**Rev 12 SOST Segment CIMS TOL
(as of 3/28/02)**

Start Time:	2005-212T22:00:00		prime request											
End Time:	2005-215T14:50:00		hide request											
Team(s):	All Teams													
Total Requests in TOL:	156													
Request	Start Time	Duration	EndTime	Rate	DataVolume	Pointing								
CDA_012DR_0713DUSTO58_RIDER	2005-205T02:04:25	008T19:04:38	2005-213T21:09:03	150	108.701	CDA to Kepler RAM								
RPWS_012SA_OUTSURVEY007_PRIME	2005-210T18:12:00	002T07:18:00	2005-213T01:30:00	1310	261	don't care								
MAG_012OT_SURVEY002_RIDER	2005-210T18:52:00	002T03:08:00	2005-212T22:00:00	325	59.83	None								
CAPS_012SA_SURVEY004_RIDER	2005-210T22:00:00	004T16:00:00	2005-215T14:00:00	1000	403.2	Control of 2nd axis when possible								
INMS_012SA_SURVEY002_RIDER	2005-210T22:00:00	002T00:00:00	2005-212T22:00:00	50	8.64	No Pointing Information.								
MIMI_012SA_MAGDYNOO1_PRIME	2005-212T10:07:00	001T16:17:00	2005-214T02:24:00	1200	174	With -Y pointed toward Saturn, corot as close to -X, +/- Z plane as poss.								
UVIS_012SW_IPHSURVEY001_RIDER	2005-212T13:00:00	000T09:00:00	2005-212T22:00:00	76 bps	No DataVolun	any								
MAG_012OT_SURVEY003_RIDER	2005-212T22:00:00	004T01:05:00	2005-216T23:05:00	600	209.7	None								
INMS_012SA_SURVEY003_RIDER	2005-212T22:00:00	002T16:00:00	2005-215T14:00:00	50	11.52	No Pointing Information.								
UVIS_012RH_ICYLONO20_CIRS	2005-212T22:30:00	000T02:00:00	2005-213T00:30:00	5032	No DataVolun	Target to center of illuminated disk. Stare for duration of observation.								
CIRS_012RH_FP3GLOBALO20_PRIME	2005-212T22:30:00	000T02:00:00	2005-213T00:30:00	4000	28.8	-Y to Target								
VIMS_012RI_RETMDRESA011_ISS	2005-213T00:30:00	000T01:40:00	2005-213T02:10:00	VIMS_18432	34.6	Ride with ISS								
ISS_012OT_RETMDRESA011_PRIME	2005-213T00:30:00	000T01:40:00	2005-213T02:10:00		48	RETARGETABLE								
RPWS_012SA_INSURVEY001_PRIME	2005-213T01:30:00	002T08:05:00	2005-215T09:35:00	1310	264	don't care								
UVIS_012MI_ICYLONO19_ISS	2005-213T02:10:00	000T00:30:00	2005-213T02:40:00	5032	No DataVolun	Target to center of illuminated disk. Stare for duration of observation.								
ISS_012MI_PHOTOMO04_PRIME	2005-213T02:10:00	000T00:30:00	2005-213T02:40:00		37.75	Boresight to target, +X to North Saturn Pole								
CIRS_012MI_PHOTOMO04_ISS	2005-213T02:10:00	000T00:30:00	2005-213T02:40:00	4000	7.2	Boresight to target, +X to North Saturn Pole								
VIMS_012RI_RETMDRESA013_ISS	2005-213T02:40:00	000T03:30:00	2005-213T06:10:00	VIMS_18432	69.2	Ride with ISS								
ISS_012OT_RETMDRESA013_PRIME	2005-213T02:40:00	000T03:30:00	2005-213T06:10:00		108	RETARGETABLE								
UVIS_012RH_ICYLONO14_CIRS	2005-213T06:10:00	000T02:10:00	2005-213T08:20:00	5032	No DataVolun	Target to center of illuminated disk. Stare for duration of observation.								
CIRS_012RH_FP3REGIONO20_PRIME	2005-213T06:10:00	000T02:05:00	2005-213T08:15:00	4000	31.1	-Y to Target								
ISS_012RH_REGGEODA001_CIRS	2005-213T08:00:00	000T00:10:00	2005-213T08:10:00		4	Boresight to Rhea; secondary axes TBD								
UVIS_012MI_ICYLONO25_ISS	2005-213T08:25:00	000T00:25:00	2005-213T08:50:00	5032	No DataVolun	Target to center of illuminated disk. Stare for duration of observation.								
CIRS_012MI_COLORO01_ISS	2005-213T08:25:00	000T00:25:00	2005-213T08:50:00	4000	6	Boresight to target, +X to North Saturn Pole								
ISS_012MI_COLORFO01_PRIME	2005-213T08:25:00	000T00:30:00	2005-213T08:55:00		75.5	Boresight to target, +X to North Saturn Pole								
UVIS_012DI_ICYLONO65_CIRS	2005-213T08:55:00	000T02:10:00	2005-213T11:05:00	5032	No DataVolun	Target to center of illuminated disk. Stare for duration of observation.								
CIRS_012DI_FP3GLOBALO20_PRIME	2005-213T08:55:00	000T02:14:36	2005-213T11:09:36	4000	32.304	-Y to Target								
UVIS_012RH_ICYLONO15_UVIS	2005-213T11:10:00	000T00:35:00	2005-213T11:45:00	5032	No DataVolun	Target to center of illuminated disk. Stare for duration of observation.								
CIRS_012RH_ICYLONO15_UVIS	2005-213T11:10:00	000T00:35:00	2005-213T11:45:00	4000	8.4	Boresight to Rhea; secondary axes TBD								
ISS_012RH_REGGEODBO01_UVIS	2005-213T11:20:00	000T00:10:00	2005-213T11:30:00		4	Boresight to Rhea; secondary axes TBD								
CIRS_012MI_COLORFO06_ISS	2005-213T11:45:00	000T00:55:00	2005-213T12:40:00	4000	13.2	Boresight to target, +X to North Saturn Pole								
UVIS_012MI_ICYLONO22_ISS	2005-213T11:45:00	000T00:50:00	2005-213T12:35:00	5032	No DataVolun	Target to center of illuminated disk. Stare for duration of observation.								
ISS_012MI_PHOTOMO06_PRIME	2005-213T11:45:00	000T00:55:00	2005-213T12:40:00		37.75	Boresight to target, +X to North Saturn Pole								
VIMS_012RH_RHEA001_PRIME	2005-213T12:40:00	000T01:30:00	2005-213T14:10:00	VIMS_18432	30.275	VIMS boresite to Rhea								
CIRS_012RH_RHEA001_VIMS	2005-213T12:40:00	000T01:40:00	2005-213T14:20:00	4000	24	Boresight to target, +X to North Saturn Pole								
UVIS_012RH_ICYLONO16_VIMS	2005-213T12:40:00	000T01:30:00	2005-213T14:10:00	5032	No DataVolun	Target to center of illuminated disk. Stare for duration of observation.								
UVIS_012RH_ICYLONO22_ISS	2005-213T14:10:00	000T00:10:00	2005-213T14:20:00	5032	No DataVolun	Target to center of illuminated disk. Stare for duration of observation.								
ISS_012RH_REGGEODCO01_PRIME	2005-213T14:10:00	000T00:10:00	2005-213T14:20:00		8	Boresight to Rhea (1x2 mosaic); secondary axes TBD								
VIMS_012RH_RHEA006_RIDER	2005-213T14:10:00	000T02:30:00	2005-213T16:40:00	VIMS_18432	73.525	nac to targets								
CIRS_012RH_FP1GLOBALO20_PRIME	2005-213T14:20:00	000T01:39:36	2005-213T15:59:36	4000	23.9	-Y to Target								
ISS_012DI_REGGEODA001_UVIS	2005-213T16:00:00	000T00:05:00	2005-213T16:05:00		4	Boresight to Dione; secondary axes TBD								
CIRS_012DI_ICYLONO63_UVIS	2005-213T16:00:00	000T00:40:00	2005-213T16:40:00	4000	9.6	Boresight to target, +X to North Saturn Pole								
UVIS_012DI_ICYLONO63_UVIS	2005-213T16:00:00	000T00:40:00	2005-213T16:40:00	5032	No DataVolun	Target to center of illuminated disk. Stare for duration of observation.								
VIMS_012RH_RHEA004_PRIME	2005-213T16:40:00	000T00:40:00	2005-213T17:20:00	VIMS_18432	12.975	vims boresight to Rhea								
UVIS_012RH_ICYLONO17_VIMS	2005-213T16:40:00	000T00:40:00	2005-213T17:20:00	5032	No DataVolun	Target to center of illuminated disk. Stare for duration of observation.								
CIRS_012RH_ICYLONO64_VIMS	2005-213T16:40:00	000T00:40:00	2005-213T17:20:00	4000	9.6	Boresight to Rhea; secondary axes TBD								
ISS_012RH_REGGEODDO01_VIMS	2005-213T17:00:00	000T00:10:00	2005-213T17:10:00		8	Boresight to Rhea (1x2 mosaic); secondary axes TBD								
CIRS_012MI_PHOTOMO10_ISS	2005-213T17:20:00	000T00:35:00	2005-213T17:55:00	4000	8.4	Boresight to target, +X to North Saturn Pole								

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UVIS_012MI_ICYLON021_ISS	2005-213T17:20:00	000T00:35:00	2005-213T17:55:00	5032	No DataVolun	Target to center of illuminated disk. Stare for duration of observation.
ISS_012MI_PHOTOM010_PRIME	2005-213T17:20:00	000T00:35:00	2005-213T17:55:00		37.75	Boresight to target, +X to North Saturn Pole
VIMS_012MI_PHOTOM010_ISS	2005-213T17:40:00	000T00:15:00	2005-213T17:55:00	VIMS_18432	4.05	VIMS boresite to Mimas
UVIS_012DI_ICYLON064_UVIS	2005-213T17:55:00	000T00:45:00	2005-213T18:40:00	5032	No DataVolun	Target to center of illuminated disk. Stare for duration of observation.
CIRS_012DI_ICYLON064_UVIS	2005-213T17:55:00	000T00:45:00	2005-213T18:40:00	4000	10.8	Boresight to target, +X to North Saturn Pole
ISS_012DI_REGGEODB001_UVIS	2005-213T18:10:00	000T00:05:00	2005-213T18:15:00		4	Boresight to Dione; secondary axes TBD
VIMS_012DI_ICYLON064_UVIS	2005-213T18:12:00	000T00:20:00	2005-213T18:32:00	VIMS_18432	6.69	Rhea (UVIS drift scan)
VIMS_012RH_RHEA003_PRIME	2005-213T18:40:00	000T01:20:00	2005-213T20:00:00	VIMS_18432	25.95	VIMS boresite to Rhea
UVIS_012RH_ICYLON019_VIMS	2005-213T18:40:00	000T01:20:00	2005-213T20:00:00	5032	No DataVolun	Target to center of illuminated disk. Stare for duration of observation.
CIRS_012RH_RHEA003_VIMS	2005-213T18:40:00	000T01:20:00	2005-213T20:00:00	4000	19.2	Boresight to target, +X to North Saturn Pole
ISS_012RH_REGMAPE001_VIMS	2005-213T19:30:00	000T00:10:00	2005-213T19:40:00		24	Boresight to Rhea (1x2 mosaic); secondary axes TBD
UVIS_012DI_ICYLON062_UVIS	2005-213T20:00:00	000T00:45:00	2005-213T20:45:00	5032	No DataVolun	Target to center of illuminated disk. Stare for duration of observation.
CIRS_012DI_ICYLON062_UVIS	2005-213T20:00:00	000T00:45:00	2005-213T20:45:00	4000	10.8	Boresight to target; secondary axes TBD
ISS_012DI_REGGEODC001_UVIS	2005-213T20:35:00	000T00:10:00	2005-213T20:45:00		8	Boresight to Dione (1x2 mosaic); secondary axes TBD
VIMS_012RH_RHEA005_PRIME	2005-213T20:45:00	000T01:55:00	2005-213T22:40:00	VIMS_18432	34.6	vims boresight to Rhea
UVIS_012RH_ICYLON021_VIMS	2005-213T20:45:00	000T01:55:00	2005-213T22:40:00	5032	No DataVolun	Target to center of illuminated disk. Stare for duration of observation.
CIRS_012RH_ICYLON062_VIMS	2005-213T20:45:00	000T01:55:00	2005-213T22:40:00	4000	27.6	Boresight to target, +X to North Saturn Pole
CDA_012DR_0615SURIN009_RIDER	2005-213T21:10:04	000T00:50:24	2005-213T22:00:28	200	0.576	CDA to Kepler RAM
ISS_012RH_REGGEODF001_VIMS	2005-213T21:30:00	000T00:10:00	2005-213T21:40:00		8	Boresight to Rhea (1x2 mosaic); secondary axes TBD
CDA_012DR_0508DUST059_RIDER	2005-213T22:01:27	000T03:26:49	2005-214T01:28:16	200	2.366	CDA to Kepler RAM
UVIS_012DI_ICYLON058_CIRS	2005-213T22:40:00	000T01:00:00	2005-213T23:00:00	5032	No DataVolun	Target to center of illuminated disk. Stare for duration of observation.
CIRS_012DI_FP3REGION021_PRIME	2005-213T22:40:00	000T01:15:00	2005-213T23:55:00	4000	18	-Y to Target
ISS_012DI_REGGEODD001_CIRS	2005-213T22:55:00	000T00:10:00	2005-213T23:05:00		8	Boresight to Dione (1x2 mosaic); secondary axes TBD
VIMS_012DI_DIONE003_CIRS	2005-213T23:00:00	000T00:55:00	2005-213T23:55:00	VIMS_18432	34.6	Dione (CIRS drift scan)
UVIS_012MI_ICYLON026_ISS	2005-214T00:39:49	000T00:20:00	2005-214T00:59:49	5032	No DataVolun	Target to center of illuminated disk. Stare for duration of observation.
VIMS_012MI_MIMAS002_CIRS	2005-214T00:40:00	000T01:30:00	2005-214T02:10:00	VIMS_18432	10.8	Mimas (CIRS drift scan)
CIRS_012MI_LIMITOP001_RIDER	2005-214T00:40:00	000T00:19:00	2005-214T00:59:00	4000	4.56	Boresight to target, +X to North Saturn Pole
ISS_012MI_LIMITOP001_PRIME	2005-214T00:40:00	000T00:00:34	2005-214T00:40:34		8.39	NAC boresight to target, +X w/in 45-deg of N. Saturn Pole
ISS_012MI_STEREO002_PRIME	2005-214T00:40:34	000T00:00:34	2005-214T00:41:08		8.39	NAC boresight to target, +X w/in 45-deg of N. Saturn Pole
ISS_012MI_COLORFO03_PRIME	2005-214T00:41:08	000T00:17:52	2005-214T00:59:00		37.75	NAC boresight to target, +X w/in 45-deg of N. Saturn Pole
UVIS_012MI_ICYLON020_CIRS	2005-214T00:58:49	000T00:30:00	2005-214T01:28:49	5032	No DataVolun	Target to center of illuminated disk. Stare for duration of observation.
ISS_012MI_FP3REGION020_CIRS	2005-214T00:59:00	000T00:30:00	2005-214T01:29:00		37.75	CIRS controls pointing
CIRS_012MI_FP3REGION020_PRIME	2005-214T00:59:00	000T00:30:00	2005-214T01:29:00	4000	7.2	-Y to Target
ISS_012MI_SHPLIM005_PRIME	2005-214T01:29:00	000T00:01:25	2005-214T01:30:25		20.97	NAC boresight to target, +X w/in 45-deg of N. Saturn Pole
CIRS_012MI_SHPLIM005_RIDER	2005-214T01:29:00	000T01:31:00	2005-214T03:00:00	4000	7.44	Boresight to target, +X to North Saturn Pole
CDA_012RE_0407ERNGM006_RIDER	2005-214T01:29:18	000T00:15:49	2005-214T01:45:07	524	0.474	CDA to Kepler RAM
ISS_012MI_COLORFO04_PRIME	2005-214T01:30:25	000T00:20:56	2005-214T01:51:21		75.5	NAC boresight to target, +X w/in 45-deg of N. Saturn Pole
CDA_012DR_0400DUST062_RIDER	2005-214T01:46:07	000T01:25:10	2005-214T03:11:17	524	2.553	CDA to Kepler RAM
CIRS_012MI_FP1REGION020_PRIME	2005-214T02:00:00	000T00:19:48	2005-214T02:19:48	4000	4.75	-Y to Target
UVIS_012MI_ICYLON023_ISS	2005-214T02:09:49	000T01:50:00	2005-214T03:59:49	5032	No DataVolun	Target to center of illuminated disk. Stare for duration of observation.
RPWS_012RI_RPXING001_PRIME	2005-214T02:18:00	000T02:00:00	2005-214T04:18:00	37500	270	RPWS doesn't care
VIMS_012MI_MIMAS003_CIRS	2005-214T02:20:00	000T00:17:00	2005-214T02:37:00	VIMS_18432	5.4	vims boresite to mimas
CIRS_012MI_MIMAS001_VIMS	2005-214T02:20:00	000T00:17:00	2005-214T02:37:00	4000	4.08	Boresight to target; secondary axes TBD
MIMI_012DR_INCADUST001_PRIME	2005-214T02:24:00	000T01:48:01	2005-214T04:12:01	1800	11.7	INCA boresight (in X, Y plane, 9.5 deg toward +X from -Y) >70 deg from ram.
ISS_012MI_STEREO003_PRIME	2005-214T02:37:00	000T00:03:30	2005-214T02:40:30		8.39	Boresight to target, +Z to North Saturn Pole
CIRS_012MI_STEREO003_RIDER	2005-214T02:37:00	000T00:37:00	2005-214T03:14:00	4000	8.88	Boresight to target, +X to North Saturn Pole
ISS_012MI_PHOTOM011_PRIME	2005-214T02:49:06	000T00:09:39	2005-214T02:58:45		37.75	Boresight to target, +Z to North Saturn Pole
MP_012DR_DUSTHAZR001_NA	2005-214T02:53:00	000T00:12:00	2005-214T03:05:00		No DataVolun	No Pointing Information.
ISS_012MI_TRANSIO01_PRIME	2005-214T03:00:00	000T00:13:30	2005-214T03:13:30		12.58	Boresight to target, +Z to North Saturn Pole
CDA_012EN_0400ENORX012_RIDER	2005-214T03:12:18	000T00:10:00	2005-214T03:22:18	524	0.299	CDA to Kepler RAM
ISS_012MI_COLORFO05_CIRS	2005-214T03:14:00	000T00:10:00	2005-214T03:24:00		75.5	Pointing controlled by CIRS
CIRS_012MI_FP3REGION021_PRIME	2005-214T03:14:00	000T00:30:00	2005-214T03:44:00	4000	7.2	-Y to Target
MAG_012OT_INTFLD001_PRIME	2005-214T03:20:00	000T04:35:00	2005-214T07:55:00	1376	22.704	Spacecraft x-axis (+ or -) within 45 degrees of magnetic field direction.
CDA_012DR_0401DUST063_RIDER	2005-214T03:23:17	000T02:40:00	2005-214T06:03:17	524	4.797	CDA to Kepler RAM

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ISS_012ML_COLORFOO6_CIRS	2005-214T03:24:00	000T00:03:20	2005-214T03:27:20		16.78	Boresight to target, +Z to North Saturn Pole		
ISS_012ML_STEREO004_CIRS	2005-214T03:29:00	000T00:07:00	2005-214T03:36:00		16.78	Boresight to target, +Z to North Saturn Pole		
ISS_012ML_SHPLIM006_CIRS	2005-214T03:36:00	000T00:02:00	2005-214T03:38:00		4.19	Boresight to target, +Z to North Saturn Pole		
ISS_012ML_STEREO005_PRIME	2005-214T03:44:00	000T00:16:00	2005-214T04:00:00		16.78	Boresight to target, +Z to North Saturn Pole		
CIRS_012ML_STEREO005_RIDER	2005-214T03:44:00	000T01:33:00	2005-214T05:17:00	4000	22.32	Boresight to target, +X to North Saturn Pole		
UVIS_012ML_ICYLON024_PRIME	2005-214T03:59:49	000T00:20:00	2005-214T04:19:49	5032	No DataVolun	Target to center of illuminated disk. Stare for duration of observation.		
ISS_012ML_SHPLIM007_UVIS	2005-214T04:01:06	000T00:04:06	2005-214T04:05:12		4.19	Pointing controlled by UVIS		
ISS_012ML_STEREO006_UVIS	2005-214T04:04:06	000T00:07:00	2005-214T04:11:06		16.78	Pointing controlled by UVIS		
ISS_012ML_COLORFOO7_UVIS	2005-214T04:11:06	000T00:08:54	2005-214T04:20:00		16.78	Pointing controlled by UVIS		
MIMI_012CO_SURVEY003_MAPS	2005-214T04:12:01	002T18:52:59	2005-216T23:05:00	750	300.3	If poss, keep corot ram in -X, +/-Z half-plane; B field in X, Z plane.		
UVIS_012ML_ICYLON028_ISS	2005-214T04:19:49	000T00:57:00	2005-214T05:16:49	5032	No DataVolun	Target to center of illuminated disk. Stare for duration of observation.		
ISS_012ML_PHOTOM012_PRIME	2005-214T04:20:00	000T00:40:54	2005-214T05:00:54		75.5	NAC boresight to target, +X w/in 45-deg of N. Saturn Pole		
ISS_012ML_STEREO007_PRIME	2005-214T05:01:00	000T00:03:30	2005-214T05:04:30		8.39	NAC boresight to target, +X w/in 45-deg of N. Saturn Pole		
ISS_012ML_STEREO008_PRIME	2005-214T05:13:00	000T00:03:30	2005-214T05:16:30		8.39	NAC boresight to target, +X w/in 45-deg of N. Saturn Pole		
CIRS_012ML_FP1REGION021_PRIME	2005-214T05:17:00	000T00:25:00	2005-214T05:42:00	4000	6	-Y to Target		
RSS_012RI_THERMAL001_RSS	2005-214T05:18:00	000T02:00:00	2005-214T07:18:00	0	0	The HGA Ka-band boresight must be Earth-pointed by the end time of this request		
RPWS_012SA_WHISTLER001_PRIME	2005-214T05:31:28	000T00:15:00	2005-214T05:46:28	182784	165	Don't care		
UVIS_012ML_ICYLON027_PRIME	2005-214T05:41:49	000T00:15:00	2005-214T05:56:49	5032	No DataVolun	Target to center of illuminated disk. Stare for duration of observation.		
CIRS_012ML_ICYLON024_UVIS	2005-214T05:47:00	000T00:15:00	2005-214T06:02:00	4000	3.6	Boresight to target, +X to North Saturn Pole		
CIRS_012DI_FP1REGION020_PRIME	2005-214T05:52:00	000T00:53:00	2005-214T06:45:00	4000	12.72	-Y to Target		
CDA_012DR_0315SURIN006_RIDER	2005-214T06:04:18	000T00:30:14	2005-214T06:34:32	200	0.345	CDA to Kepler RAM		
VIMS_012DI_DIONE002_PRIME	2005-214T06:30:00	000T00:30:00	2005-214T07:00:00	VIMS_18432	8.65	vims boresight to Dione		
CDA_012DR_0418DUSTO60_RIDER	2005-214T06:35:32	000T07:13:46	2005-214T13:49:18	200	4.964	CDA to Kepler RAM: -z2E (prim. axis) and -x2(10,+48) & -x2(223,+23) (sec. ax.)		
RSS_012RI_OCC003_PRIME	2005-214T07:18:00	000T02:01:02	2005-214T09:19:02	0	0	Primary axis=KABAND to Earth. Secondary axis -X to RA 268, Dec +66		
RSS_012SA_OCC003_PRIME	2005-214T09:19:02	000T00:35:58	2005-214T09:55:00	0	0	Primary axis=KABAND to Earth. Secondary axis -X to RA 268, Dec +66		
VIMS_012RI_HIPHASE001_PRIME	2005-214T09:55:00	000T01:30:00	2005-214T11:25:00	VIMS_18432	17.3	Primary: NAC to Rings; +Z to TBD		
RSS_012SA_THERMAL002_RSS	2005-214T09:55:00	000T01:30:00	2005-214T11:25:00	0	0	The HGA Ka-band boresight must be Earth-pointed by the end time of this request		
CIRS_012SA_OCC0009_VIMS	2005-214T10:00:00	000T00:30:00	2005-214T10:30:00	4000	7.2	-y to Saturn, z to limb		
RSS_012SA_OCC004_PRIME	2005-214T11:25:00	000T00:44:00	2005-214T12:09:00	0	0	Primary axis=KABAND to Earth. Secondary axis -X to RA 223, Dec +23		
RSS_012RI_OCC004_PRIME	2005-214T12:09:00	000T02:07:00	2005-214T14:16:00	0	0	Primary axis=KABAND to Earth. Secondary axis -X to RA 223, Dec +23		
CDA_012DR_0615SURIN010_RIDER	2005-214T13:50:19	000T00:40:00	2005-214T14:30:19	200	0.457	CDA to Kepler RAM		
CDA_012DR_0716DUSTO61_RIDER	2005-214T14:31:19	000T01:02:45	2005-214T15:34:04	200	0.718	CDA to Kepler RAM		
CIRS_012IC_DSCAL1222_PRIME	2005-214T14:46:00	000T05:50:00	2005-214T20:36:00	4000	84	-Y to deep space, no sun on CIRS cooler (+X hemisphere)		
ENGR_012EA_MECVROPNO01_THERM	2005-214T15:15:00	000T00:06:00	2005-214T15:21:00		No DataVolun	No Pointing Information.		
CDA_012DR_0815SURVY006_RIDER	2005-214T15:35:05	000T01:19:59	2005-214T16:55:04	100	0.457	CDA to Kepler RAM		
CDA_012DR_0811DUSTO62_RIDER	2005-214T16:56:05	000T04:35:38	2005-214T21:31:43	200	3.154	CDA to Kepler RAM		
ISS_012OT_RETHIEGLO01_PRIME	2005-214T21:06:00	000T00:54:00	2005-214T22:00:00		96	Boresight to target satellite, control of secondary axis not required		
CDA_012DR_1010SUOUT006_RIDER	2005-214T21:32:44	000T01:19:59	2005-214T22:52:43	200	0.915	CDA to Kepler RAM		
CIRS_012SA_NADIROCC003_PRIME	2005-214T22:00:00	000T03:00:00	2005-215T01:00:00	4000	43.2	-y to Saturn, z to pole		
CDA_012DR_1108DUSTO63_RIDER	2005-214T22:53:43	000T03:07:26	2005-215T02:01:09	200	2.145	CDA to Kepler RAM		
ISS_012TE_310W144PH001_PRIME	2005-215T01:00:00	000T00:30:00	2005-215T01:30:00		40	Boresight to Tethys; secondary axes TBD		
CIRS_012RB_VERTULHPO01_PRIME	2005-215T01:30:00	000T03:50:00	2005-215T05:20:00	4000	57.6	-Y to ring, +Z perpendicular to rings (if not possible, +Z parallel to pole)		
CIRS_012RB_VERTULHPO02_SI	2005-215T01:30:00	000T03:50:00	2005-215T05:20:00		4	-Y to ring, +Z perpendicular to rings (if not possible, +Z parallel to pole)		
CDA_012DR_1207SUOUT006_RIDER	2005-215T02:02:11	000T02:00:00	2005-215T04:02:11	200	1.373	CDA to Kepler RAM		
CDA_012DR_1305DUSTO64_RIDER	2005-215T04:03:10	000T03:21:29	2005-215T07:24:39	200	2.305	CDA to Kepler RAM		
NAV_012SC_OTM026001_PRIME	2005-215T05:35:00	000T09:15:00	2005-215T14:50:00	1638 bps	8.5 mb	Start/End Earth point		
CDA_012RI_1404RINGMO01_RIDER	2005-215T07:25:40	000T02:00:00	2005-215T09:25:40	524	3.598	CDA to Kepler RAM		
CDA_012DR_1500DUSTO54_RIDER	2005-215T09:26:39	000T15:24:38	2005-216T00:51:17	524	27.723	CDA to Kepler RAM		
RPWS_012SA_OUTSURVEY002_PRIME	2005-215T09:35:00	000T04:24:00	2005-215T13:59:00	1310	21	don't care		
RPWS_012SA_OUTSURVEY004_PRIME	2005-215T13:59:00	001T08:36:00	2005-216T22:35:00	1080	127	don't care		
CAPS_012SA_SURVEY003_RIDER	2005-215T14:00:00	001T08:00:00	2005-216T22:00:00	700	80.64	Control of 2nd axis when possible		
INMS_012SA_SURVEY004_RIDER	2005-215T14:00:00	001T08:00:00	2005-216T22:00:00	50	5.76	No Pointing Information.		

SOST Rev 12 Attitude Strategy

3/28/02

NSP=North Saturn Pole
EPOCH_012MI=2005-214T04:06:49

Request	Riders	Start (SCET)	Start (Epoch)	Dur	End (SCET)	Observation Attitude		Comments
						Primary	Secondary	
turn to Rhea		2005-212T22:00		00:30	2005-212T22:30	NAC to Rhea	+X to Rhea N. Pole	
NEW WAYPOINT		2005-212T22:30		09:55	2005-213T08:25	NAC to RHEA	+X to RHEA NP	
CIRS_012RH_FP3GLOBAL020_PRIME		2005-212T22:30		02:00	2005-213T00:30			
ISS_012OT_RETMDRESA011_PRIME	V	2005-213T00:30		01:40	2005-213T02:10	retarg		
ISS_012MI_PHOTOM004_PRIME	U, C	2005-213T02:10		00:30	2005-213T02:40	NAC to Mimas		
ISS_012OT_RETMDRESA013_PRIME	V	2005-213T02:40		03:30	2005-213T06:10	retarg		
CIRS_012RH_FP3REGION020_PRIME	U, C	2005-213T06:10		02:05	2005-213T08:15			
turn from Rhea to Dione		2005-213T08:15		00:10	2005-213T08:25			
NEW WAYPOINT		2005-213T08:25		15:45	2005-214T00:40	NAC to DIONE	+X to DIONE NP	
ISS_012MI_COLORF001_PRIME	U, C	2005-213T08:25		00:30	2005-213T08:55	NAC to Mimas		
CIRS_012DI_FP3GLOBAL020_PRIME	U	2005-213T08:55		02:15	2005-213T11:10	FP3 to Dione		
UVIS_012RH_ICYLON015_UVIS	C, I	2005-213T11:10		00:35	2005-213T11:45	NAC to Rhea		
ISS_012MI_PHOTOM006_PRIME	C, U	2005-213T11:45		00:55	2005-213T12:40	NAC to Rhea		
VIMS_012RH_RHEA001_PRIME	C, U	2005-213T12:40		01:30	2005-213T14:10	NAC to Rhea		
ISS_012RH_REGGEO001_PRIME	U, C, V	2005-213T14:10		00:10	2005-213T14:20	NAC to Rhea		
CIRS_012RH_FP1GLOBAL020_PRIME	V	2005-213T14:20		01:40	2005-213T16:00	FP1 to Rhea		
UVIS_012DI_ICYLON063_UVIS	V, U, C	2005-213T16:00		00:40	2005-213T16:40			
VIMS_012RH_RHEA004_PRIME	U, C, I	2005-213T16:40		00:40	2005-213T17:20	NAC to Rhea		
ISS_012MI_PHOTOM010_PRIME	U, C, V	2005-213T17:20		00:35	2005-213T17:55	NAC to Mimas		
UVIS_012DI_ICYLON064_UVIS	C, I, V	2005-213T17:55		00:45	2005-213T18:40			
VIMS_012RH_RHEA003_PRIME	U, C, I	2005-213T18:40		01:20	2005-213T20:00	NAC to Rhea		
UVIS_012DI_ICYLON062_UVIS	C, I, V	2005-213T20:00		00:45	2005-213T20:45			
VIMS_012RH_RHEA005_PRIME	U, C, I	2005-213T20:45		01:55	2005-213T22:40	NAC to Rhea		
CIRS_012DI_FP3REGION021_PRIME	U, I, V	2005-213T22:40		01:15	2005-213T23:55	FP3 to Dione		
DEAD TIME FOR MOVABLE MIMAS BLOCK		2005-213T23:55		00:15	2005-214T00:10			
turn to Mimas		2005-214T00:10		00:30	2005-214T00:40			
NEW WAYPOINT		2005-214T00:40		06:38	2005-214T07:18	NAC to MIMAS	+X to MIMAS NP	(w/in 45 deg of NSP)
ISS Mimas	U, V, C	2005-214T00:40	MI-03:27	00:19	2005-214T00:59			
CIRS_012MI_FP3REGION020_PRIME	U, I, V	2005-214T00:59	MI-03:08	00:30	2005-214T01:29			
ISS Mimas	V, C	2005-214T01:29	MI-02:38	00:22	2005-214T01:51			
CIRS_012MI_FP1REGION020_PRIME	V, U	2005-214T01:51	MI-02:16	00:29	2005-214T02:20			
VIMS_012MI_MIMAS007_PRIME	C, U	2005-214T02:20	MI-01:47	00:17	2005-214T02:37			
ISS Mimas	C, U	2005-214T02:37	MI-01:30	00:37	2005-214T03:14			
CIRS_012MI_FP3REGION021_PRIME	I, U	2005-214T03:14	MI-00:53	00:30	2005-214T03:44			
ISS_012MI_STEREO005_PRIME	C, U	2005-214T03:44	MI-00:23	00:16	2005-214T04:00			
UVIS_012MI_ICYLON024_PRIME	I, C	2005-214T04:00	MI-00:07	00:20	2005-214T04:20			
ISS Mimas	U, C	2005-214T04:20	MI+00:13	00:57	2005-214T05:17			
CIRS_012MI_FP1REGION021_PRIME		2005-214T05:17	MI-01:10	00:25	2005-214T05:42			
UVIS_012MI_ICYLON027_PRIME	C	2005-214T05:42	MI+01:35	00:10	2005-214T05:52			
CIRS_012DI_FP1REGION020_PRIME		2005-214T05:52		00:53	2005-214T06:45			(include. 28 min turn)
DEAD TIME FOR MOVABLE MIMAS BLOCK		2005-214T06:45		00:15	2005-214T07:00			
TURN TO RSS AIMPOINT		2005-214T07:00		00:18	2005-214T07:18			
NEW WAYPOINT		2005-214T07:18		13:48	2005-214T21:06	-Z to EARTH	-X to 268/+66	
RSS_012RI_OCC003_PRIME		2005-214T07:18		02:01:02	2005-214T09:19:02	KABAND to Earth		
RSS_012SA_OCC003_PRIME		2005-214T09:19:02		00:35:58	2005-214T09:55	KABAND to Earth		
VIMS High Phase	C	2005-214T09:55		01:30	2005-214T11:25			leave off at -X to 223/+23
RSS_012SA_OCC004_PRIME		2005-214T11:25		00:44	2005-214T12:09	KABAND to Earth	-X to 223/+23	
RSS_012RI_OCC004_PRIME		2005-214T12:09		02:07	2005-214T14:16	KABAND to Earth		
Downlink		2005-214T14:16		06:20	2005-214T20:36	XBAND to Earth	rolling	CIRS DSCAL
turn to Saturn		2005-214T20:36		00:30	2005-214T21:06			
NEW WAYPOINT		2005-214T21:06		08:44	2005-214T05:50	NAC to SATURN	+X to NSP	
ISS_012OT_RETHIEQPL001_PRIME		2005-214T21:06		00:54	2005-214T22:00	retarg		
CIRS_012SA_NADIROCC003_PRIME		2005-214T22:00		03:00	2005-215T01:00			
ISS_012TE_310W144PH001_PRIME		2005-215T01:00		00:30	2005-215T01:30	NAC to Tethys		
CIRS_012RB_VERTULHP001_PRIME	(SD)	2005-215T01:30		03:50	2005-215T05:20	NAC to ring	+Z perpendicular to rings (if not possible, +Z parallel to pole)	
turn to Earth for downlink		2005-215T05:20		00:30	2005-215T05:50			
Downlink		2005-215T05:50		09:00	2005-215T14:50	XBAND to Earth	+X to NEP (no rolling)	OTM

SOST Rev 12 OpMode and Telemetry Mode Strategy

3/28/02

Start Time	Dur	End Time	OpMode	OpMode Transition Time (from prev.)	Telemetry Mode
2005-212T22:00	03:48	2005-214T01:48	ORS_RWA		S&ER_3
2005-214T01:48	02:00	2005-214T03:48	ORS_RWA		S&ER_2
2005-214T03:48	01:30	2005-214T05:18	ORS_RWA		S&ER_3
2005-214T05:18	02:00	2005-214T07:18	unique	TBD	S&ER_3
2005-214T07:18	02:37	2005-214T09:55	RSS3_RWA	TBD	S&ER_3
2005-214T09:55	01:30	2005-214T11:25	unique	TBD	S&ER_3
2005-214T11:25	02:51	2005-214T14:16	RSS3_RWA	TBD	S&ER_3
2005-215T14:16	06:20	2005-215T20:36	DFPW	00:01:01	RTE_N_SPB_X
2005-215T20:36	09:14	2005-215T05:50	ORS_RWA	00:00:05	S&ER_3
2005-215T05:50	09:00	2005-215T14:50	DFPW	00:00:06	RTE_N_SPB_X

Playback	Start doy hh:mm	End doy hh:mm	Volume (Mb)	5% (Mb)	ENG+HK (Mb)	SCIENCE (Mb)	TOTAL (Mb)	MARGIN (Mb)
PLAYBACK*	212 12:45	212 21:59	24617	1231	0	641	641	22746
PLAYBACK*	214 14:01	214 20:36	2402	120	175	3360	3535	-1253
PLAYBACK****	215 05:35	215 14:50	3277	164	84	553	637	2476
Leftover:					0	383	383	-383

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	212 12:45	139.5	96.4	0.0	7.0	0.0	49.0	11.4	0.0	200.7	0.0	0.0	0.0	0.0	0.0	503.9
PLAYBACK*	212 12:45	212 21:59	33.3	5.0	0.0	1.7	0.0	10.8	40.0	0.0	43.6	2.5	0.0	0.0	0.0	0.0	136.8
OBSERVATION	212 21:59	214 14:01	144.1	29.8	398.2	7.2	940.3	109.1	160.9	0.0	623.2	402.2	368.6	0.0	103.4	34.0	3320.9
PLAYBACK*	214 14:01	214 20:36	23.7	4.2	84.0	1.2	0.0	14.2	17.8	0.0	31.0	0.0	0.0	0.0	37.6	0.2	214.0
OBSERVATION	214 20:36	215 05:35	32.3	6.4	153.6	1.6	136.0	19.4	24.3	0.0	42.4	0.0	0.0	0.0	23.2	7.6	446.8
PLAYBACK****	215 05:35	215 14:50	32.4	15.3	0.0	1.7	0.0	20.0	25.0	0.0	42.9	0.0	0.0	0.0	53.2	0.2	190.6
Leftover:	215 14:50	undef max	78.5	18.9	0.0	5.6	0.0	69.7	87.1	0.0	123.1	0.0	0.0	0.0	0.0	0.0	382.8

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	212 12:45	17500	23000	0	900	0	6200	1500	0	26400	0	0	0	75500
PLAYBACK*	212 12:45	212 21:59	4200	1200	0	300	0	1400	5000	0	5800	300	0	0	18200
OBSERVATION	212 21:59	214 14:01	18100	7200	49800	900	123500	13900	20200	0	81900	46300	62700	0	424500
PLAYBACK*	214 14:01	214 20:36	3000	1100	10500	200	0	1800	2300	0	4100	0	0	0	23000
OBSERVATION	214 20:36	215 05:35	4100	1600	19200	300	17900	2500	3100	0	5600	0	0	0	54300
PLAYBACK****	215 05:35	215 14:50	4100	3700	0	300	0	2600	3200	0	5700	0	0	0	19600
Leftover:	215 14:50	undef max	9900	4600	0	800	0	8900	10900	0	16200	0	0	0	51300

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

SOST Rev 12 DSN Requests

3/28/02

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
Madrid	34 H	2005-214T05:50	2005-214T11:20	5:30	2:37:00	2005-214T07:18	2005-214T09:55	2:37		83.66	X-, KA-band;RSS occultations
	70	2005-214T05:50	2005-214T11:20	5:30	2:37:00	2005-214T07:18	2005-214T09:55	2:37		83.66	X-, S-band; RSS occultations
Madrid	34 H	2005-214T10:00	2005-214T15:40	5:40	2:51:00	2005-214T11:25	2005-214T14:16	2:51		83.66	X-, KA-band;RSS occultations
	70	2005-214T10:00	2005-214T15:40	5:40	2:51:00	2005-214T11:25	2005-214T14:16	2:51		83.66	X-, S-band; RSS occultations
Goldstone	70	2005-214T13:10	2005-214T22:00	8:50	6:00:00	2005-214T14:16	2005-214T20:36	6:20	124, 110	83.66	data playback
Madrid	70	2005-215T07:10	2005-215T16:15	9:05	6:12:40	2005-215T05:50	2005-215T14:50	9:00	124,110,99	83.66	data playback, OTM

Open Issues

- VIMS needs to make sure that requests in moveable block have an epoch-relative start time
- CIMS changes:
 - VIMS **hide** VIMS_012DI_DIONE002_PRIME
 - ISS **hide** ISS_012RH_REGGEODA001_CIRS