

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: March 25, 2009

For the Period: 03/26/09 to 04/14/09 (09-085– 09-104)

DSN OPSCHIEF (1) 230-102

SCIENCE

FLIGHT TEAM (15) 600-100

DSOT (1) 230-102

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LEGEND: ∇ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = 7-Point BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink only pass
 [o] = Ramp-through

*Electronic Copy Only
 (17 – Dist/N: Paper Copies)
 02/21/08

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1
THURSDAY MARCH 26, 2009 085-086																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLTL: 30h 14m 14s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF	1200 RTLT 30h 14m 12s TLC (SHORT-FORM) D/L -1042 0923 | 0930 TAPPOS ↓ 1231 YAW=-.05 1241 | PLAYBACK - | 1444 ↓ 1454 YAW=-.10 ↓ 1459 X/B LOW POWER ↓ 1503 BAY 1 HTR ON 1744 | 1758 TAPPOS ↓ 1241 ↓ 1444												0000 RTLT 30h 14m 10s												
FDS MODE	CR-5T						PB-14						CR-5T												
XB DATA RATE(MI)	160(32)						1.4K(39)						160(32)												
31 DSN COVERAGE	0855 |----- 15 [DAR] -----| 1445 1200 |----- 14 [DA] -----| 1530 10 40 60 0120 |----- 65 [D] -----| 0555 60																								
32 DSN COVERAGE	1345 |----- 45 [D] -----| 1830 40																								
S/C 32 INITIAL CONDITIONS RTLTL: 24h 37m 10s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 24h 37m 8s												0000 RTLT 24h 37m 4s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL								VGR								ON CALL								
NOTES	[1] S/C 31=PB-14 @ 1241 XB=1.4K(39)																								
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
UTC:	MAR 26												MAR 27												

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1		
FRIDAY MARCH 27, 2009 086-087																											
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8		
S/C 31 INITIAL CONDITIONS RTLT: 30h 14m 10s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200																					
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	|----- 15 [D] -----| 0820 - 1220													|----- 65 [D] -----| 0115 - 0450													
	|----- 10 -----|													|----- 10 -----|													
	|----- 60 -----|													|----- 60 -----|													
32 DSN COVERAGE	|----- 45 [D] -----| 1340 - 1835																										
	|----- 40 -----|																										
S/C 32 INITIAL CONDITIONS RTLT: 24h 37m 4s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200																					
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
VGR COVERAGE														ON CALL													
NOTES																											
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8		
UTC:	MAR 27													MAR 28													

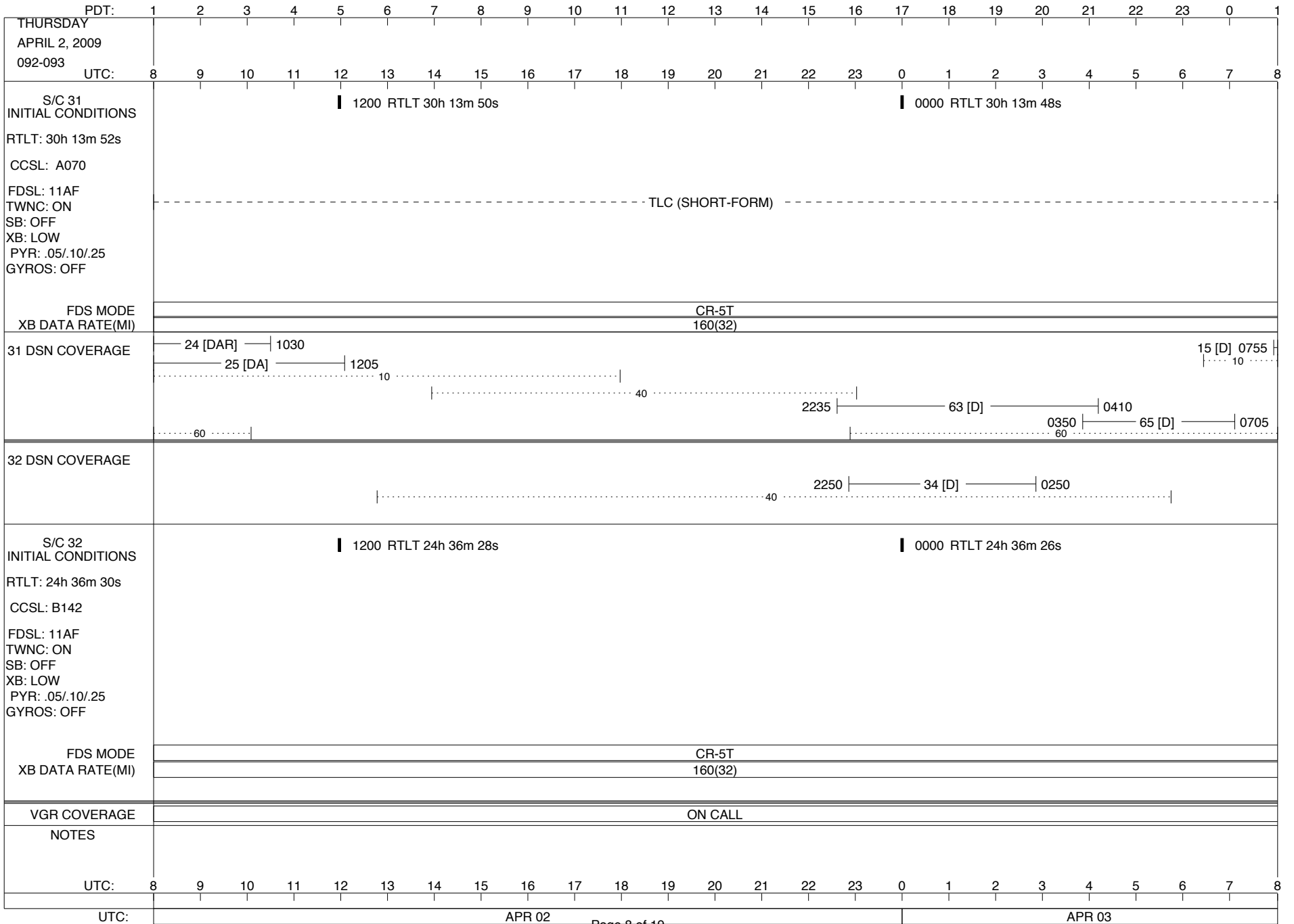
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SATURDAY MARCH 28, 2009 087-088																										
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S/C 31 INITIAL CONDITIONS RTLT: 30h 14m 6s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 30h 14m 4s												█ 0000 RTLT 30h 14m 4s													
	↓ 1747 ENABLE AHELIO RECORDINGS												1748 █ 1749 2 SID MRO'S													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	|----- 15 [D] -----| 0815 - 1205												24 [DAR] 0650 |-----													
	1145 |----- 14 [D] -----| 1815												0650 | 15 [DA] |-----													
	..... 10 .....|----- 40 -----|												..... 10											
	..... 60												0115 |----- 63 [D] -----| 0425												
	..... 60 .....												..... 60											
32 DSN COVERAGE													1845 |----- 45 [D] -----| 2025													
													2020 |----- 34 [o] -----| 0250													
													..... 40												
S/C 32 INITIAL CONDITIONS RTLT: 24h 37m 0s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 24h 36m 56s												█ 0000 RTLT 24h 36m 54s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
VGR COVERAGE	ON CALL												VGR ON CALL													
NOTES																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
UTC:	MAR 28												MAR 29													

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1			
SUNDAY MARCH 29, 2009 088-089																												
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS RTLT: 30h 14m 4s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 14m 2s												0000 RTLT 30h 14m 0s															
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
31 DSN COVERAGE	24 [DAR] | 1155 15 [DA] | 1310 10 40 60 0110 | 65 [D] | 0555 60 .....												..... 10											
32 DSN COVERAGE	..... 1800 | 45 [D] | 2200 40																										
S/C 32 INITIAL CONDITIONS RTLT: 24h 36m 54s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 36m 50s												0000 RTLT 24h 36m 48s															
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
VGR COVERAGE													ON CALL															
NOTES																												
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
UTC:	MAR 29														MAR 30													

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1		
MONDAY MARCH 30, 2009 089-090																											
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8		
S/C 31 INITIAL CONDITIONS	1200 RTLT 30h 13m 58s													0000 RTLT 30h 13m 58s													
RTLT: 30h 14m 0s																											
CCSL: A070																											
FDSL: 11AF																											
TWNC: ON																											
SB: OFF																											
XB: LOW																											
PYR: .05/.10/.25																											
GYROS: OFF																											
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<p>Timeline for 31 DSN COVERAGE:</p> <ul style="list-style-type: none"> 0810 - 1200: 15 [D] (Data Rate 1145) 1255 - 1400: 14 [D] (Data Rate 10) 1400 - 2245: 40 (Data Rate 10) 2245 - 0545: 63 [D] (Data Rate 60) 0725 - 0725: 15 [DA] (Data Rate 10) 0725 - 0725: 25 [DAR] (Data Rate 10) 																										
32 DSN COVERAGE	<p>Timeline for 32 DSN COVERAGE:</p> <ul style="list-style-type: none"> 2005 - 0300: 34 [o] (Data Rate 40) 																										
S/C 32 INITIAL CONDITIONS	1200 RTLT 24h 36m 46s													0000 RTLT 24h 36m 42s													
RTLT: 24h 36m 48s																											
CCSL: B142																											
FDSL: 11AF																											
TWNC: ON																											
SB: OFF																											
XB: LOW																											
PYR: .05/.10/.25																											
GYROS: OFF																											
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
VGR COVERAGE	ON CALL																										
NOTES																											
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8		
UTC:	MAR 30													MAR 31													

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	
TUESDAY MARCH 31, 2009 090-091																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLTL: 30h 13m 58s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 30h 13m 56s												█ 0000 RTLTL 30h 13m 54s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	15 [DA] | 1035 25 [DAR] | 1035 .....10 .....| | .....40 .....| .....60 .....|												0635 | 14 [D] | | .....10 .....| 0115 | 63 [D] | 0415 0355 | 65 [D] | 0545 .....60 .....|													
32 DSN COVERAGE	.....1800 | 45 [D] | 2220 | .....40 .....|																									
S/C 32 INITIAL CONDITIONS RTLTL: 24h 36m 42s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 24h 36m 40s												█ 0000 RTLTL 24h 36m 36s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
VGR COVERAGE	ON CALL												ON CALL													
NOTES	[1] S/C 31=GS-4B @ 1749 XB=2.8K(41) NOT RECOVERABLE																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
UTC:	MAR 31													APR 01												

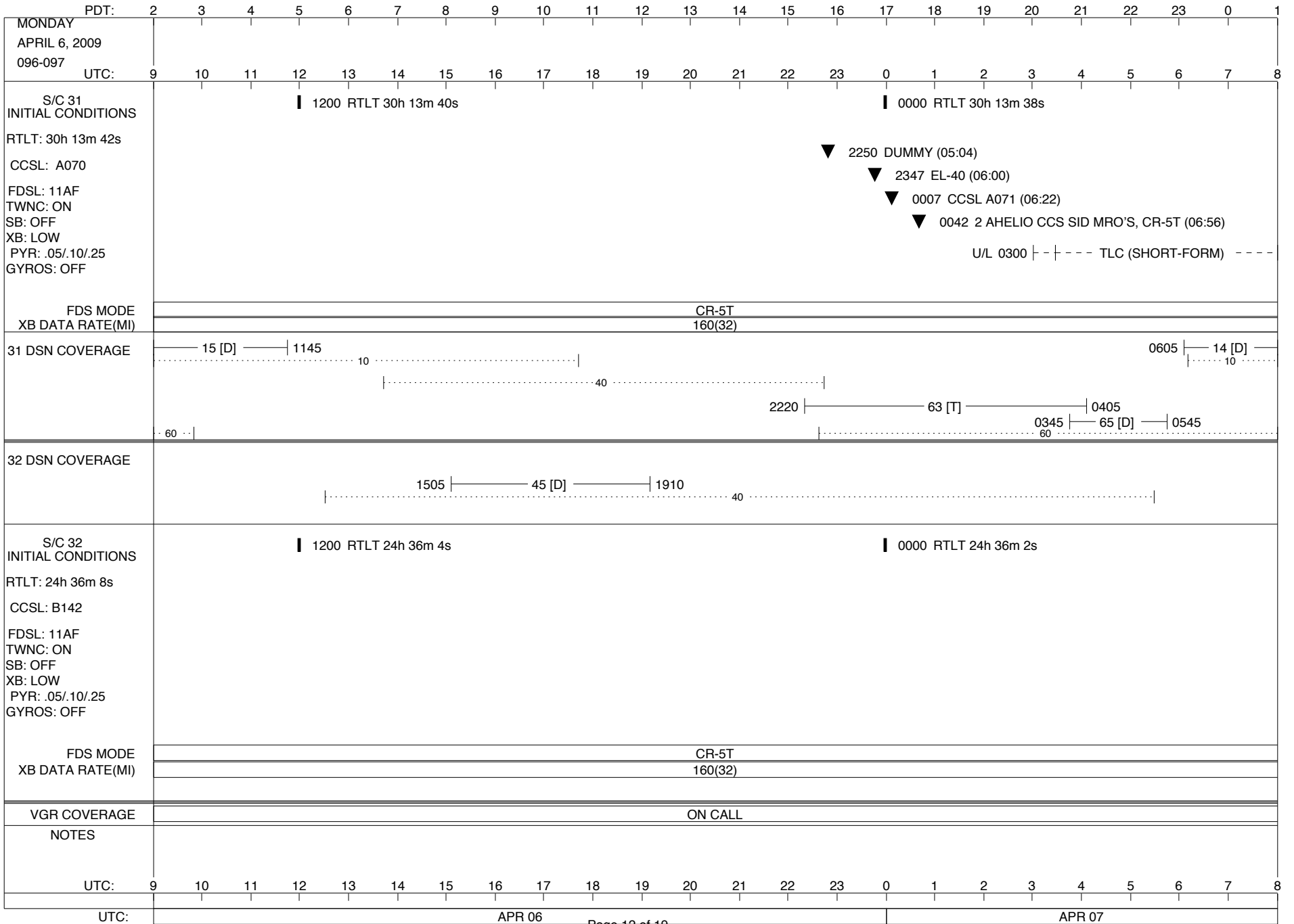
PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	
WEDNESDAY APRIL 1, 2009 091-092																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLT: 30h 13m 54s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 30h 13m 52s												0000 RTLT 30h 13m 52s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	14 [D] ———— | 1255 1235 | 26 [D] — | 1410 10 40 60												24 [DAR] 0715 | 25 [DA] 0715 | ..... 10 60 2235 | ..... 63 [T] ..... | 0545 60													
32 DSN COVERAGE	1330 | ..... 45 [D] ..... | 1730 40																									
S/C 32 INITIAL CONDITIONS RTLT: 24h 36m 36s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 24h 36m 34s												0000 RTLT 24h 36m 30s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
VGR COVERAGE													ON CALL													
NOTES																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
UTC:	APR 01													APR 02												



PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1
FRIDAY APRIL 3, 2009 093-094																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLTL: 30h 13m 48s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 30h 13m 48s												0000 RTLTL 30h 13m 46s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	15 [D] 1345												0650 14 [D]												
32 DSN COVERAGE	1340 45 [D] 1740																								
S/C 32 INITIAL CONDITIONS RTLTL: 24h 36m 26s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 24h 36m 22s												0000 RTLTL 24h 36m 20s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 2349 XB=2.8K(41) NOT RECOVERABLE																								
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
UTC:	APR 03												APR 04												

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	
SATURDAY APRIL 4, 2009 094-095																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLT: 30h 13m 46s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 30h 13m 44s												█ 0000 RTLT 30h 13m 44s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	14 [D] | 1145												| 10													
	.....10.....												|.....40.....											
	.....60.....												2240 | 63 [D] | 0650												
	.....60.....												.....60.....											
32 DSN COVERAGE	|.....1835 | 34 [o] | 2310												|.....40.....											
S/C 32 INITIAL CONDITIONS RTLT: 24h 36m 20s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 24h 36m 16s												█ 0000 RTLT 24h 36m 14s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
VGR COVERAGE	ON CALL																									
NOTES																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
UTC:	APR 04													APR 05												

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2		
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	9		
SUNDAY APRIL 5, 2009 095-096																												
S/C 31 INITIAL CONDITIONS RTLT: 30h 13m 44s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 13m 42s														0000 RTLT 30h 13m 42s													
FDS MODE XB DATA RATE(MI)															CR-5T 160(32)													
31 DSN COVERAGE	<p>..... 10 ..... | ..... 40 ..... | ..... 2330 | ..... 63 [D] ..... | 0405 ..... |</p> <p>..... 60 ..... | ..... 0740 | 15 [D] | ..... 10 ..... |</p>																											
32 DSN COVERAGE	<p>..... 1405 | ..... 45 [D] ..... | 2105 ..... |</p> <p>..... 40 ..... |</p>																											
S/C 32 INITIAL CONDITIONS RTLT: 24h 36m 14s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 36m 10s														0000 RTLT 24h 36m 8s													
FDS MODE XB DATA RATE(MI)															CR-5T 160(32)													
VGR COVERAGE	ON CALL																											
NOTES																												
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	9		
UTC:	APR 05														APR 06													



ISSUE DATE: 03/25/09 19:48

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1			
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
TUESDAY APRIL 7, 2009 097-098																												
S/C 31 INITIAL CONDITIONS RTLTL: 30h 13m 38s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 30h 13m 38s												0000 RTLTL 30h 13m 36s															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	14 [D] | 1150												0545 | 14 [D] |															
32 DSN COVERAGE	1730 | 34 [o] | 0130																											
S/C 32 INITIAL CONDITIONS RTLTL: 24h 36m 2s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 24h 36m 0s												0000 RTLTL 24h 35m 56s															
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
VGR COVERAGE	ON CALL																											
NOTES	[1] S/C 31=GS-4B @ 1725 XB=2.8K(41) NOT RECOVERABLE [2] S/C 31=EL-40 @ 0601 XB=40(30) [3] S/C 31=CR-5T @ 0701 XB=160(32)																											
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
UTC:	APR 07														APR 08													

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1			
WEDNESDAY APRIL 8, 2009 098-099																												
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS RTLT: 30h 13m 36s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 30h 13m 36s												█ 0000 RTLT 30h 13m 34s															
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
31 DSN COVERAGE	14 [D] | 1140												15 [D] 0730 |															
	..... 10 .....												..... 10											
	|..... 40 .....												|..... 10											
	..... 60												0025 |..... 65 [D] .....| 0555														
													..... 60														
32 DSN COVERAGE	1645 |..... 45 [D] .....| 2145																											
	|..... 40																										
S/C 32 INITIAL CONDITIONS RTLT: 24h 35m 56s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 24h 35m 54s												█ 0000 RTLT 24h 35m 50s															
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
VGR COVERAGE													ON CALL															
NOTES																												
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
UTC:	APR 08														APR 09													

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	
THURSDAY APRIL 9, 2009 099-100																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLT: 30h 13m 34s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 30h 13m 34s												█ 0000 RTLT 30h 13m 34s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE																										
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS RTLT: 24h 35m 50s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 24h 35m 48s												█ 0000 RTLT 24h 35m 44s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
VGR COVERAGE	ON CALL																									
NOTES	[1] A071 BACKUP U/L TRACK																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
UTC:	APR 09												APR 10													

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	
FRIDAY APRIL 10, 2009 100-101																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLT: 30h 13m 34s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 30h 13m 32s												█ 0000 RTLT 30h 13m 32s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	15 [D] | 1135												15 [D] 0730 |													
	.....10.....|												.....10.....|													
	|.....40.....|												|.....40.....|													
	.....60.....|												.....60.....|													
	2205 | 63 [D] | 0400												0340 - 0750 | 65 [D] |													
	|.....60.....|												|.....60.....|													
32 DSN COVERAGE	1700 | 45 [D] | 2110																									
	|.....40.....|												|.....40.....|													
S/C 32 INITIAL CONDITIONS RTLT: 24h 35m 44s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 24h 35m 42s												█ 0000 RTLT 24h 35m 38s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
VGR COVERAGE	ON CALL												ON CALL													
NOTES	[1] S/C 31=GS-4B @ 2325 XB=2.8K(41) NOT RECOVERABLE																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
UTC:	APR 10												APR 11													

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	
SATURDAY APRIL 11, 2009 101-102																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLT: 30h 13m 32s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 30h 13m 30s												█ 0000 RTLT 30h 13m 30s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	15 [D] | 1310												15 [D] 0740 |													
	.....10.....												.....10.....											
	.....40.....												.....40.....											
	.....60.....												.....60.....											
	.....2335.....												.....2335.....											
	.....63 [D].....												.....63 [D].....											
	.....0335 - 0750.....												.....0335 - 0750.....											
	.....0355.....												.....0355.....											
	.....65 [D].....												.....65 [D].....											
32 DSN COVERAGE	.....1710.....												.....1710.....											
	.....34 [o].....												.....34 [o].....											
	.....2235.....												.....2235.....											
S/C 32 INITIAL CONDITIONS RTLT: 24h 35m 38s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 24h 35m 36s												█ 0000 RTLT 24h 35m 32s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
VGR COVERAGE													ON CALL													
NOTES																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
UTC:	APR 11												APR 12													

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1		
SUNDAY APRIL 12, 2009 102-103																											
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8		
S/C 31 INITIAL CONDITIONS RTLT: 30h 13m 30s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF					1200																						
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	15 [D] | 1150										0605 | 14																
	.....10.....										.....40.....										2330 | 63 [D] | 0350				
	.....60.....																				0330 | 65 [D] | 0625					
																					.....60.....					
32 DSN COVERAGE											1700 | 45 [D] | 2100																
											.....40.....										2010 | 34 [D] | 0205					
																					.....40.....					
S/C 32 INITIAL CONDITIONS RTLT: 24h 35m 32s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF					1200																						
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
VGR COVERAGE														ON CALL													
NOTES																											
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8		
UTC:	APR 12													APR 13													

ISSUE DATE: 03/25/09 19:48

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1			
MONDAY APRIL 13, 2009 103-104																												
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS RTLTL: 30h 13m 28s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 30h 13m 28s														█ 0000 RTLTL 30h 13m 28s													
FDS MODE															CR-5T													
XB DATA RATE(MI)															160(32)													
31 DSN COVERAGE	14 ————— | 1445														15 [D] 0710 |													
	..... 10 .....														| ..... 10													
	| ..... 40 .....														| ..... 60													
	| ..... 60														0015 - 0715 | ..... 65 [D]													
32 DSN COVERAGE	| ..... 1555 | ..... 43 [H] .....														| ..... 2145													
	| ..... 40 .....														| ..... 60													
S/C 32 INITIAL CONDITIONS RTLTL: 24h 35m 28s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 24h 35m 24s														█ 0000 RTLTL 24h 35m 22s													
															▼ 1645 DUMMY (17:20)													
															▼ 1702 EL-40 (17:37)													
															▼ 1724 B142B FULMRO MINI-SEQUENCE (17:59)													
															▼ 1802 EL-40 (18:37)													
FDS MODE															CR-5T													
XB DATA RATE(MI)															160(32)													
VGR COVERAGE	ON CALL														VGR							ON CALL						
NOTES																												
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
UTC:	APR 13														Page 19 of 19							APR 14						