

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: April 1, 2009

For the Period: 04/02/09 to 04/27/09 (09-106– 09-124)

**DSN OPSCHIEF (1) 230-102**

**SCIENCE**

**FLIGHT TEAM (15) 600-100**

**DSOT (1) 230-102**

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- Howard, S. (3)
- Ludwig, R. (2)
- Massey, Ed
- Matsumoto, S.
- Medina, E.
- Peralta, F.
- Poynter, R.
- Weeks, T.
- Wong, R.
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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)  
04/02/09

ISSUE DATE: 04/15/09 13:25

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			
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THURSDAY APRIL 2, 2009 092-093																												
S/C 31 INITIAL CONDITIONS RTLT: 30h 13m 52s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 13m 50s												0000 RTLT 30h 13m 48s															
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)														
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS RTLT: 24h 36m 30s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 36m 28s												0000 RTLT 24h 36m 26s															
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 02														APR 03													

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FRIDAY APRIL 3, 2009 093-094																										
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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												

ISSUE DATE: 04/15/09 13:25

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SATURDAY APRIL 4, 2009 094-095																												
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 XB DATA RATE(MI)															CR-5T 160(32)													
31 DSN COVERAGE	<p>14 [D]   1145   2240   63 [D]   0650</p>																											
32 DSN COVERAGE	<p>1835   34 [o]   2310</p>																											
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 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 04														APR 05													

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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															CR-5T													
XB DATA RATE(MI)															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															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	9		
UTC:	APR 05														APR 06													

ISSUE DATE: 04/15/09 13:25

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MONDAY APRIL 6, 2009 096-097																								
S/C 31 INITIAL CONDITIONS RTLT: 30h 13m 42s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 30h 13m 40s												0000 RTLT 30h 13m 38s											
FDS MODE													CR-5T											
XB DATA RATE(MI)													160(32)											
31 DSN COVERAGE																								
32 DSN COVERAGE																								
S/C 32 INITIAL CONDITIONS RTLT: 24h 36m 8s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 24h 36m 4s												0000 RTLT 24h 36m 2s											
FDS MODE													CR-5T											
XB DATA RATE(MI)													160(32)											
VGR COVERAGE	ON CALL												VGR						ON CALL					
NOTES																								
UTC:	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 06												Page 5 of 26						APR 07					

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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																											
APRIL 7, 2009																											
097-098																											
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 38s													0000 RTLT 30h 13m 36s													
RTLT: 30h 13m 38s																											
CCSL: A070	1725   1725 PWS/RH													A071 CHKSUM 0627   0631 2 AHELIO CCS SID MRO'S 0658   0659													
FDSL: 11AF																											
TWNC: ON																											
SB: OFF																											
XB: LOW																											
PYR: .05/10/25																											
GYROS: OFF																											
----- TLC (SHORT-FORM) -----																											
FDS MODE	CR-5T													CR-5T													
XB DATA RATE(MI)	160(32)													160(32)													
31 DSN COVERAGE	14 [D]   1150													0545   14 [D]													
..... 60 .....   ..... 40 .....   ..... 2215   ..... 63 [D] .....   ..... 0545 .....																											
32 DSN COVERAGE	..... 1730   ..... 34 [o] .....   ..... 0130 .....																										
S/C 32 INITIAL CONDITIONS	1200 RTLT 24h 36m 0s													0000 RTLT 24h 35m 56s													
RTLT: 24h 36m 2s																											
CCSL: B142	2041   PLSCAL -   2223													2041   - - - MAGCAL - - -   2343 2041   - - - PESCAL - - -   0001													
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																							VGR			
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													

ISSUE DATE: 04/15/09 13:25

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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			
WEDNESDAY APRIL 8, 2009 098-099																												
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 XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE	14 [D] 1140												15 [D] 0730															
	10												10															
	40												40															
	60												0025 65 [D] 0555 60															
32 DSN COVERAGE	1645												45 [D] 2145															
	40												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 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 08														APR 09													

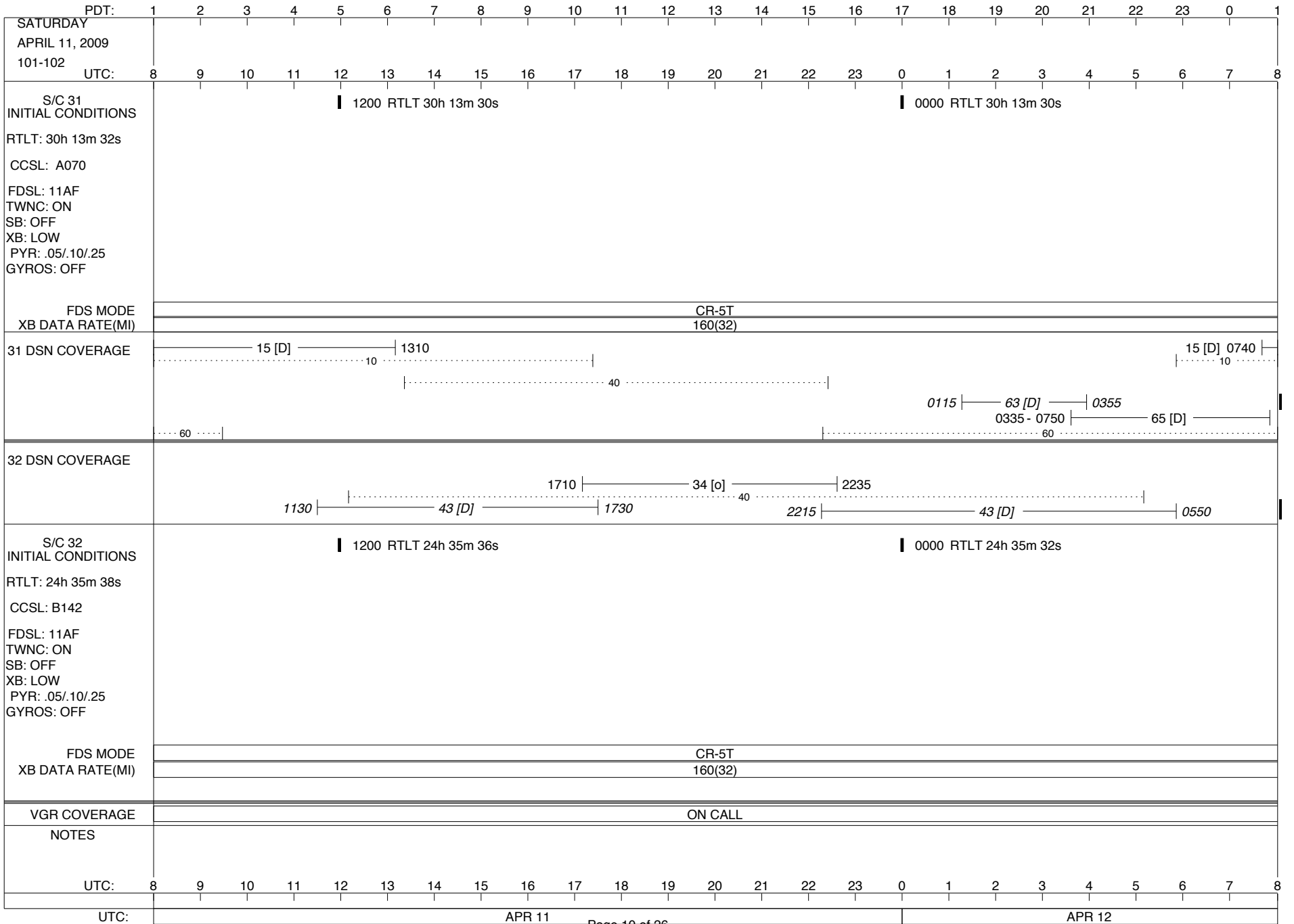


ISSUE DATE: 04/15/09 13:25

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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			
THURSDAY APRIL 9, 2009 099-100																												
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	<p>Timeline for 31 DSN COVERAGE:</p> <ul style="list-style-type: none"> <li>15 [D] 1100 - 1120</li> <li>14 [D] 1445 - 1445</li> <li>10 - 40</li> <li>2205 - 63 [D1] 0410</li> <li>60 - 60</li> <li>15 [D] 0725 - 10</li> </ul>																											
32 DSN COVERAGE	<p>Timeline for 32 DSN COVERAGE:</p> <ul style="list-style-type: none"> <li>1710 - 45 [D] 2110</li> <li>40 - 40</li> </ul>																											
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													

ISSUE DATE: 04/15/09 13:25

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FRIDAY APRIL 10, 2009 100-101		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													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												
FDS MODE		CR-5T													CR-5T												
XB DATA RATE(MI)		160(32)													160(32)												
31 DSN COVERAGE		15 [D] 1135 .....10..... .....40..... 2205 63 [D] 0400 .....60..... 0340 - 0750 65 [D] .....60.....													15 [D] 0730 .....10..... .....40..... 1700 45 [D] 2110 2245 43 [D] 0545 1130 43 [D] 1545												
32 DSN COVERAGE		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	
SUNDAY APRIL 12, 2009 102-103																										
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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 RTLT 30h 13m 30s												0000 RTLT 30h 13m 28s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	15 [D]   1150 .....10.....												15 [D] 0725   .....10.....													
	.....60.....												0130   63 [D]   0350 0330   65 [D]   0610 .....60.....													
32 DSN COVERAGE	1120   43 [D]   1720 .....40.....												1700   45 [D]   2100 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 RTLT 24h 35m 30s												0000 RTLT 24h 35m 28s													
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: 04/15/09 13:25

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 XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	15 [D] 1130 1110 25 [D] 1345 10												15 [D] 0710 10													
	60												2150 63 [D] 0330 - 0715 0350 65 [D] 60													
32 DSN COVERAGE	1555 43 [H] 2145 40																									
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													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
VGR COVERAGE	ON CALL						VGR						ON CALL													
NOTES	<ul style="list-style-type: none"> <li>▼ 1645 DUMMY (17:20)</li> <li>▼ 1702 EL-40 (17:37)</li> <li>▼ 1724 B142B FULMRO MINI-SEQUENCE (17:59)</li> <li>▼ 1802 CR-5T (18:37)</li> </ul>																									
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												APR 14													

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 APRIL 14, 2009 104-105																												
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 26s														0000 RTLTL 30h 13m 26s													
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														160(32)													
31 DSN COVERAGE	15 [D]   1345														15 [D] 0705													
32 DSN COVERAGE	1200   43 [D2]   1810														1705   45 [D]   2120													
S/C 32 INITIAL CONDITIONS RTLTL: 24h 35m 22s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 24h 35m 18s														0000 RTLTL 24h 35m 16s													
FDS MODE	CR-5T														EL-40				CR-5T									
XB DATA RATE(MI)	160(32)														40(30)				160(32)									
VGR COVERAGE	ON CALL														VGR				ON CALL									
NOTES	[1] S/C 31=GS-4B @ 1700 XB=2.8K(41) NOT RECOVERABLE [2] B142B 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 14														APR 15													

ISSUE DATE: 04/15/09 13:25

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			
WEDNESDAY APRIL 15, 2009 105-106																												
S/C 31 INITIAL CONDITIONS RTLT: 30h 13m 26s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 13m 26s												0000 RTLT 30h 13m 26s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE	15 [D]   1200												15 [D] 0700															
	10												40															
	60												2200   63 [T]   0555															
													60															
32 DSN COVERAGE	1110   43 [D]   1925																											
S/C 32 INITIAL CONDITIONS RTLT: 24h 35m 16s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 35m 12s 1340												0000 RTLT 24h 35m 10s ----- CMD MORATORIUM -----															
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:	APR 15														APR 16													

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THURSDAY APRIL 16, 2009 106-107																										
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S/C 31 INITIAL CONDITIONS RTLTL: 30h 13m 26s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 30h 13m 24s												0000 RTLTL 30h 13m 24s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	15 [D]   1445												0655   15 [D]													
	10   40												10   60													
	60   2150												63 [D]   0355													
	60   2150												60   0355													
32 DSN COVERAGE	1700   43 [D]   2115												2315   34 [D]   0155													
	40   2315												40   0155													
S/C 32 INITIAL CONDITIONS RTLTL: 24h 35m 10s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 24h 35m 8s												0000 RTLTL 24h 35m 4s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
VGR COVERAGE	ON CALL																									
NOTES	[1] S/C 32=EH12 @ 1939 XB=1.2K(39) [2] S/C 32=CR-5T @ 2037 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 16												APR 17													



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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			
FRIDAY APRIL 17, 2009 107-108																												
S/C 31 INITIAL CONDITIONS RTLTL: 30h 13m 24s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 30h 13m 24s												0000 RTLTL 30h 13m 24s															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	15 [D]   1345												2135   63 [D]   2330															
32 DSN COVERAGE	1220   45 [D]   2115																											
S/C 32 INITIAL CONDITIONS RTLTL: 24h 35m 4s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 24h 35m 2s												0000 RTLTL 24h 34m 58s															
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 @ 2301 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 17														APR 18													

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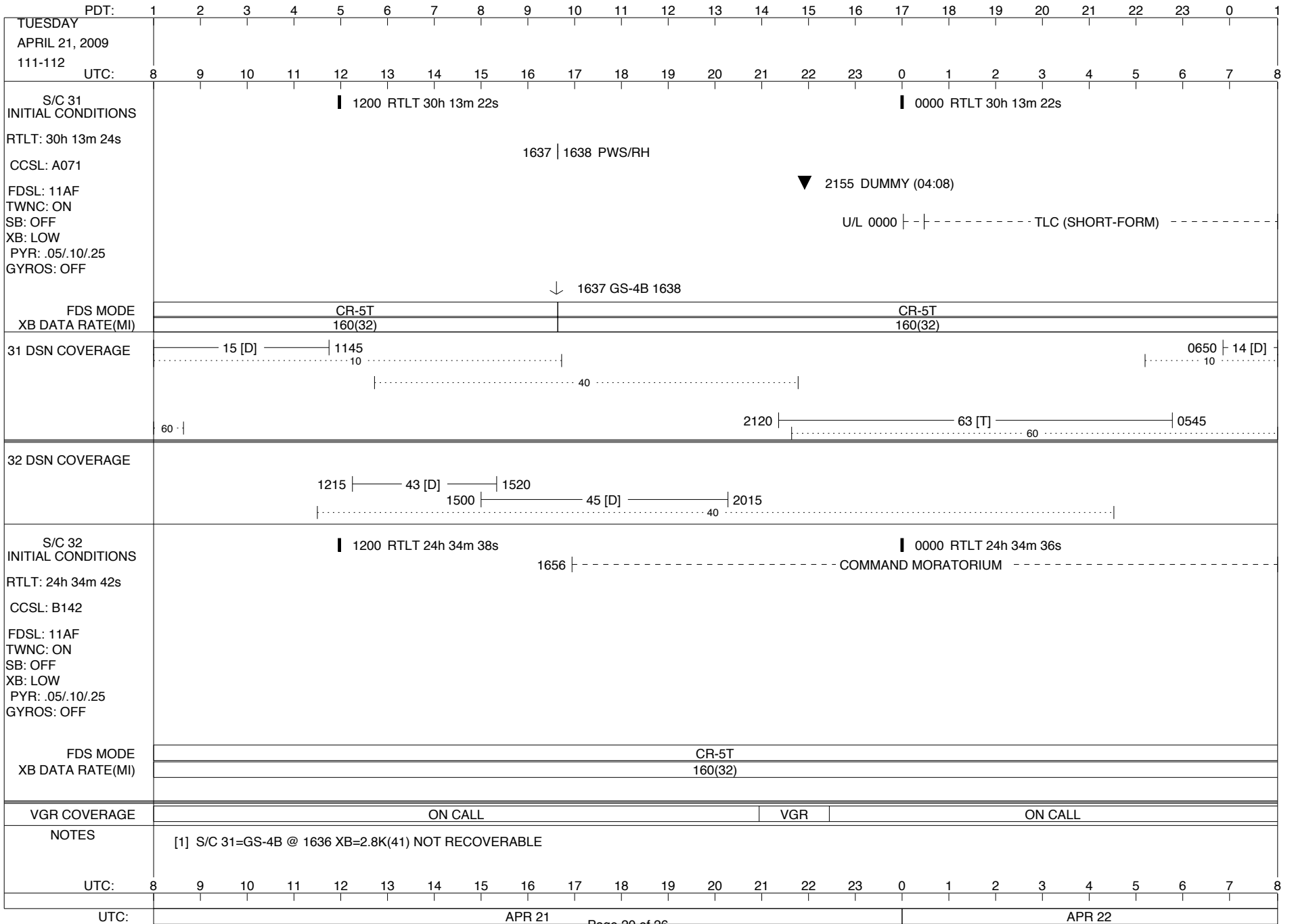
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SATURDAY APRIL 18, 2009 108-109																																																			
S/C 31 INITIAL CONDITIONS RTLTL: 30h 13m 24s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 30h 13m 24s														0000 RTLTL 30h 13m 24s																																				
FDS MODE															CR-5T																																				
XB DATA RATE(MI)															160(32)																																				
31 DSN COVERAGE	0850	24 [DAR]										1400															0640	25 [DA]																							
	0850	26 [DA]										1400															24 [DAR]	0640	10																						
	10										40										0005										65 [D]								0600												
	60																								60																										
32 DSN COVERAGE	1100														43 [D]										1725															1705	34 [D]										2355
															40																																				
S/C 32 INITIAL CONDITIONS RTLTL: 24h 34m 58s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 24h 34m 56s														0000 RTLTL 24h 34m 52s																																				
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 18														APR 19																																				

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 19, 2009 109-110																											
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 24s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <span style="font-size: 2em;">█</span> 1200 RTLT 30h 13m 24s         </div>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE																											
32 DSN COVERAGE																											
S/C 32 INITIAL CONDITIONS RTLT: 24h 34m 52s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <span style="font-size: 2em;">█</span> 1200 RTLT 24h 34m 50s         </div>													<div style="text-align: center;"> <span style="font-size: 2em;">█</span> 0000 RTLT 24h 34m 48s         </div>													
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		
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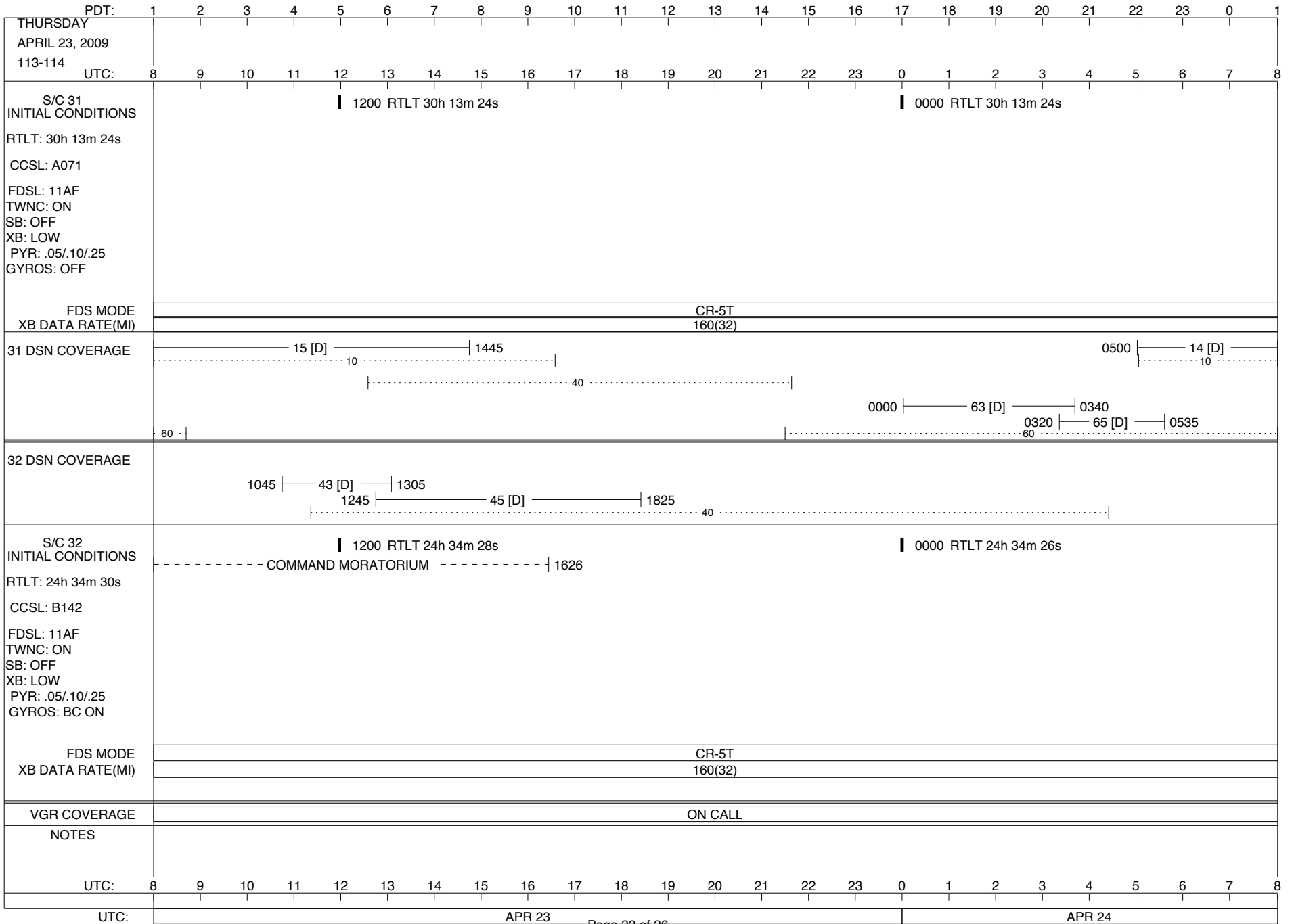
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MONDAY APRIL 20, 2009 110-111																											
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8		
S/C 31 INITIAL CONDITIONS RTLTL: 30h 13m 24s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	↓ 0016 BEGIN SEQUENCE A071																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<p>26 [DA]   0915  24 [DAR]   1010  0950   14 [D]   1445  10   40   2345   65 [D]   0545  60   60</p>																										
32 DSN COVERAGE	<p>1045   43 [D]   1705  40</p>																										
S/C 32 INITIAL CONDITIONS RTLTL: 24h 34m 48s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 24h 34m 44s													█ 0000 RTLTL 24h 34m 42s													
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 20													APR 21													

ISSUE DATE: 04/15/09 13:25



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			
WEDNESDAY APRIL 22, 2009 112-113																												
S/C 31 INITIAL CONDITIONS RTLT: 30h 13m 22s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 13m 24s														0000 RTLT 30h 13m 24s													
FDS MODE XB DATA RATE(MI)															CR-5T 160(32)													
31 DSN COVERAGE	14 [D]   1345 .....    .....40 .....														0630   15 [D]   .....  .....10 .....  .....  .....60 .....													
32 DSN COVERAGE	1200   45 [D]   1845 .....  .....40 .....																											
S/C 32 INITIAL CONDITIONS RTLT: 24h 34m 36s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 34m 34s														0000 RTLT 24h 34m 30s													
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:	APR 22														APR 23													

ISSUE DATE: 04/15/09 13:25



ISSUE DATE: 04/15/09 13:25

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 24, 2009 114-115			
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 24s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<p>1200 RTLTL 30h 13m 24s</p> <p>0000 RTLTL 30h 13m 24s</p> <p>1934   - - -   2030 TAPPOS</p> <p>2237   2238 PWS/RH</p> <p>0044   - - -   0126 TAPPOS</p> <p>↓ 2237 GS-4B 2238</p>		
FDS MODE XB DATA RATE(MI)	<table border="1"> <tr> <td>CR-5T 160(32)</td> <td>CR-5T 160(32)</td> </tr> </table>	CR-5T 160(32)	CR-5T 160(32)
CR-5T 160(32)	CR-5T 160(32)		
31 DSN COVERAGE	<p>14 [D]   1335</p> <p>60   2120   63 [D]   0330</p> <p>0625   15 [D]</p>		
32 DSN COVERAGE	<p>1130   43 [o]   1720</p>		
S/C 32 INITIAL CONDITIONS RTLTL: 24h 34m 26s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: BC ON	<p>1200 RTLTL 24h 34m 22s</p> <p>0000 RTLTL 24h 34m 20s</p>		
FDS MODE XB DATA RATE(MI)	<table border="1"> <tr> <td>CR-5T 160(32)</td> </tr> </table>	CR-5T 160(32)	
CR-5T 160(32)			
VGR COVERAGE	ON CALL		
NOTES	[1] S/C 31=GS-4B @ 2236 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 24   APR 25			



ISSUE DATE: 04/15/09 13:25

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 25, 2009 115-116																									
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 24s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 30h 13m 24s												█ 0000 RTLTL 30h 13m 24s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	15 [D]   1020 1000   14 [D]   1235 .....   .....40.....												0440   14 [D]    .....10.....  2245   63 [D]   0330 .....60.....												
32 DSN COVERAGE	1100   43 [o]   1240 1220   45 [D]   1445  .....1745   43 [D]   0230  .....40.....																								
S/C 32 INITIAL CONDITIONS RTLTL: 24h 34m 20s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	█ 1200 RTLTL 24h 34m 18s												█ 0000 RTLTL 24h 34m 14s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE													ON CALL												
NOTES													↓ 1700 GYRO INIT												
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 25												APR 26												

ISSUE DATE: 04/15/09 13:25

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SUNDAY APRIL 26, 2009 116-117																										
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S/C 31 INITIAL CONDITIONS RTLTL: 30h 13m 24s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLTL 30h 13m 26s												█ 0000 RTLTL 30h 13m 26s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	14 [D]   0905 0845  -----  15 [D]  -----  1235  -----  10  -----  40  -----												0640  -----  14  -----  10  -----  0625 0005  -----  65 [D]  -----													
32 DSN COVERAGE	1140  -----  45 [D]  -----  1815  -----  40  -----																									
S/C 32 INITIAL CONDITIONS RTLTL: 24h 34m 14s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: BC ON	█ 1200 RTLTL 24h 34m 12s												█ 0000 RTLTL 24h 34m 10s													
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 26												APR 27													

ISSUE DATE: 04/15/09 13:25

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MONDAY APRIL 27, 2009 117-118																											
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S/C 31 INITIAL CONDITIONS RTLT: 30h 13m 26s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<div style="text-align: center;"> </div>																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<div style="text-align: center;"> </div>																										
32 DSN COVERAGE	<div style="text-align: center;"> </div>																										
S/C 32 INITIAL CONDITIONS RTLT: 24h 34m 10s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: BC ON	<div style="text-align: center;"> </div>																										
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 27													APR 28													