

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: July 20, 2011

For the Period: 07/21/2011 to 08/08/2011 (11-202 – 11-220)

DSN OPSCHIEF (1) 230-102

SCIENCE

FLIGHT TEAM (14) 600-100

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LEGEND:

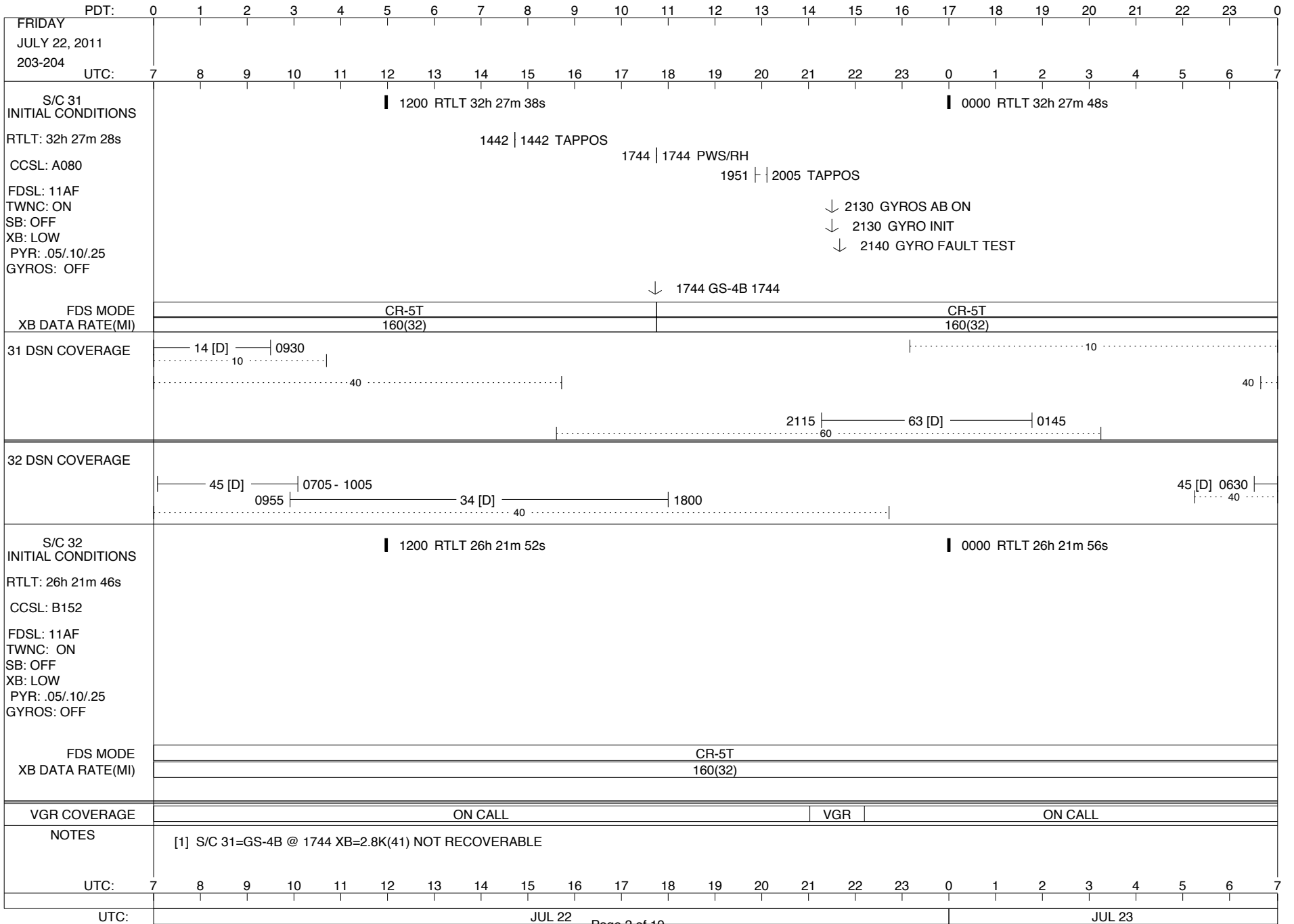
▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = 7-Point BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink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

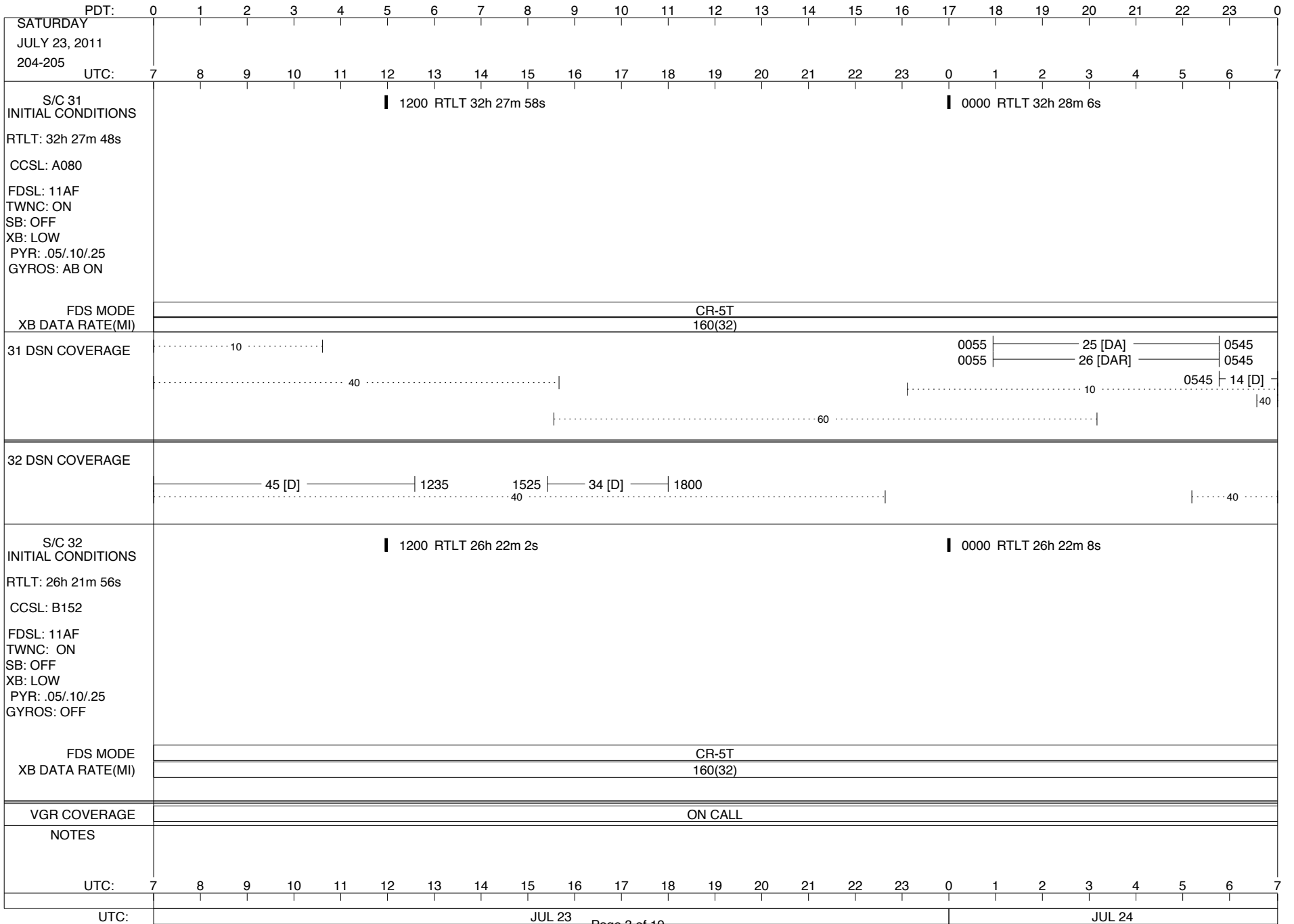
*Electronic Copy Only
 (16 – Dist/N: Paper Copies)
 09/08/10

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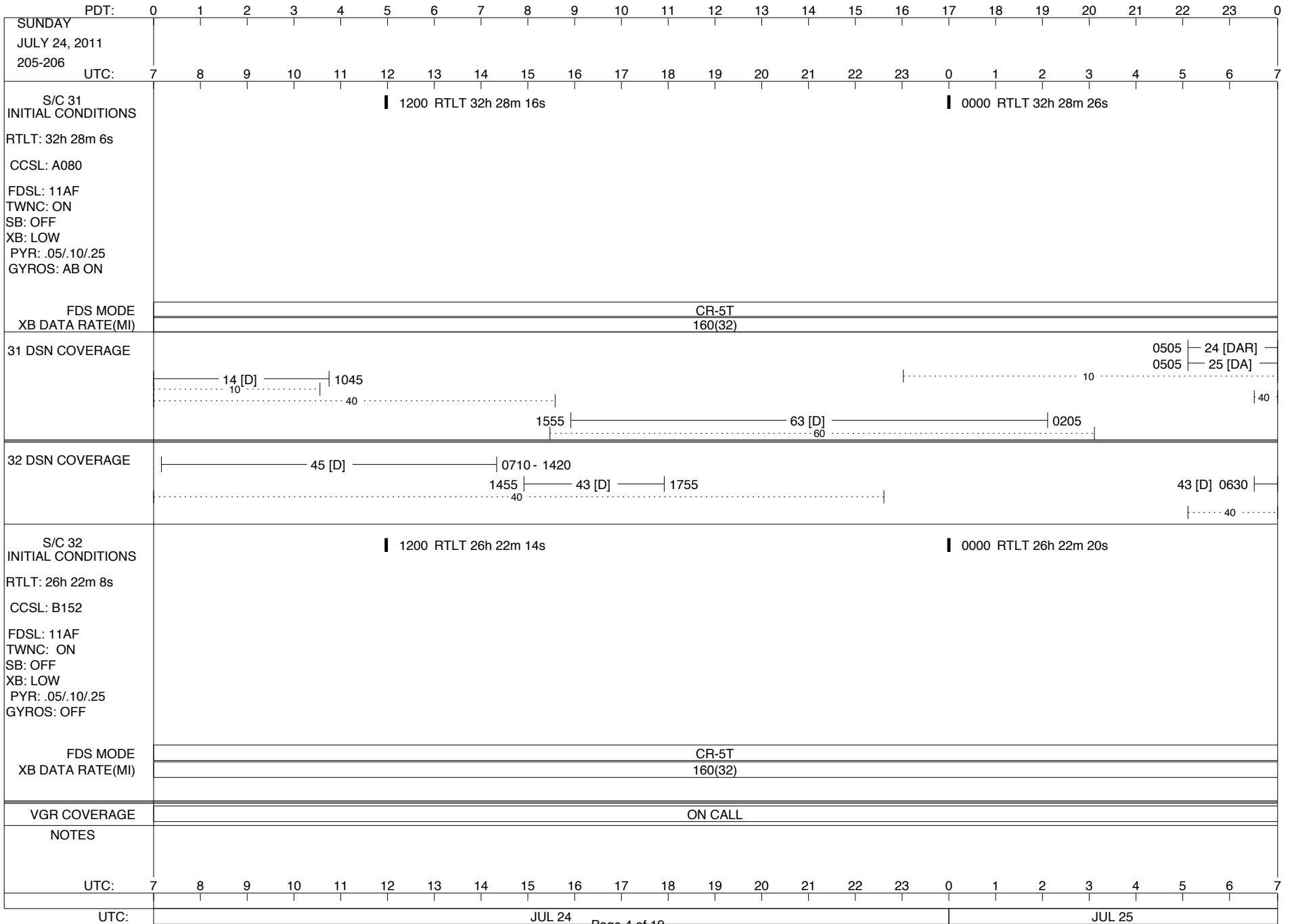
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S/C 31 INITIAL CONDITIONS RTLTL: 32h 27m 8s CCSL: A080 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 32h 27m 18s												0000 RTLTL 32h 27m 28s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	15 [DAR] 0930 26 [DA] 0930 10 40 60												0330 14 [D] 10 40												
32 DSN COVERAGE	1010 34 [D] 1455 1450 43 [B] 1810 40 40												
S/C 32 INITIAL CONDITIONS RTLTL: 26h 21m 34s CCSL: B152 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 26h 21m 40s												0000 RTLTL 26h 21m 46s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL						VGR						ON CALL												
NOTES	▼ 1502 DUMMY (5 MIN BRACKETED 17:24)																								
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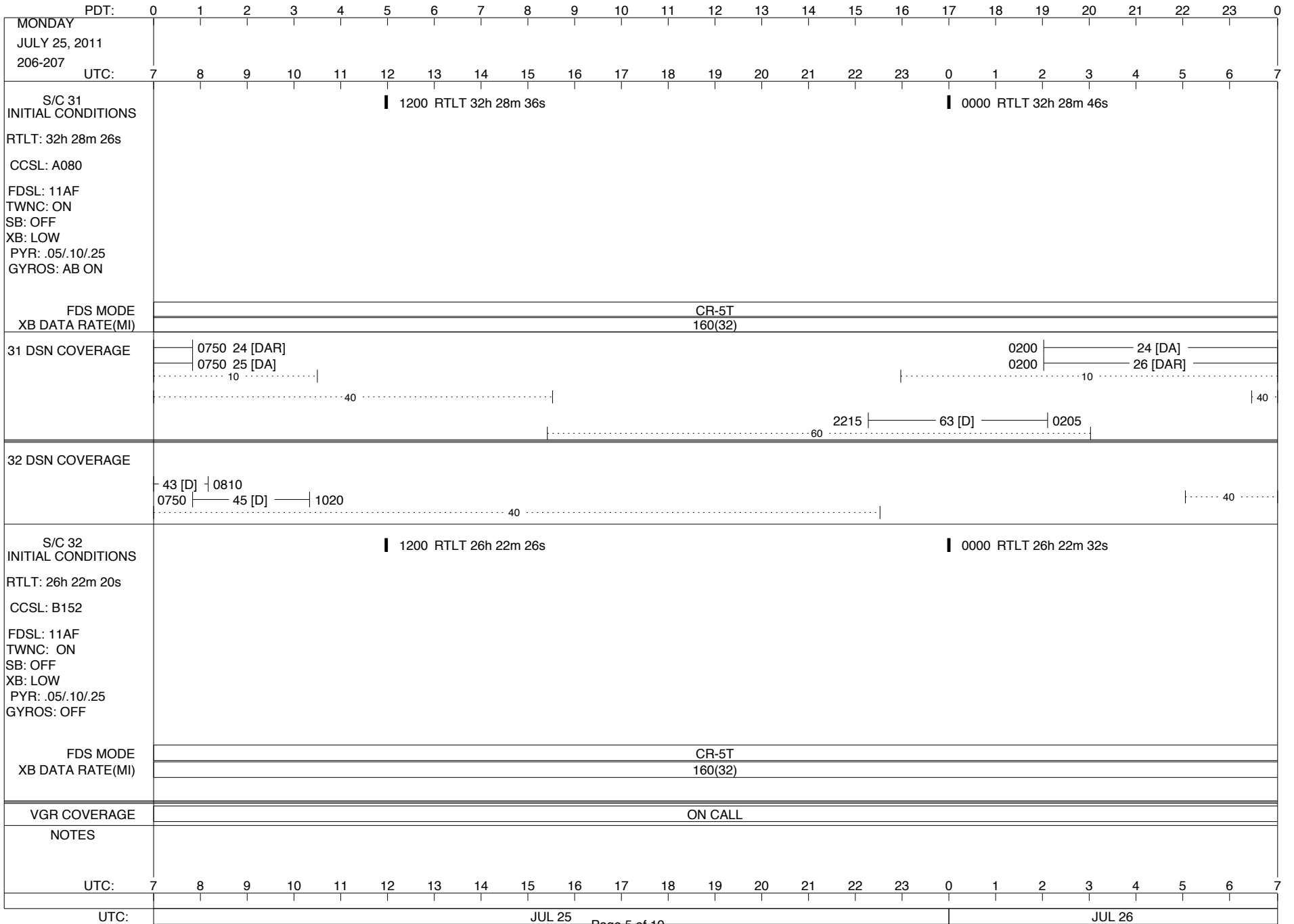




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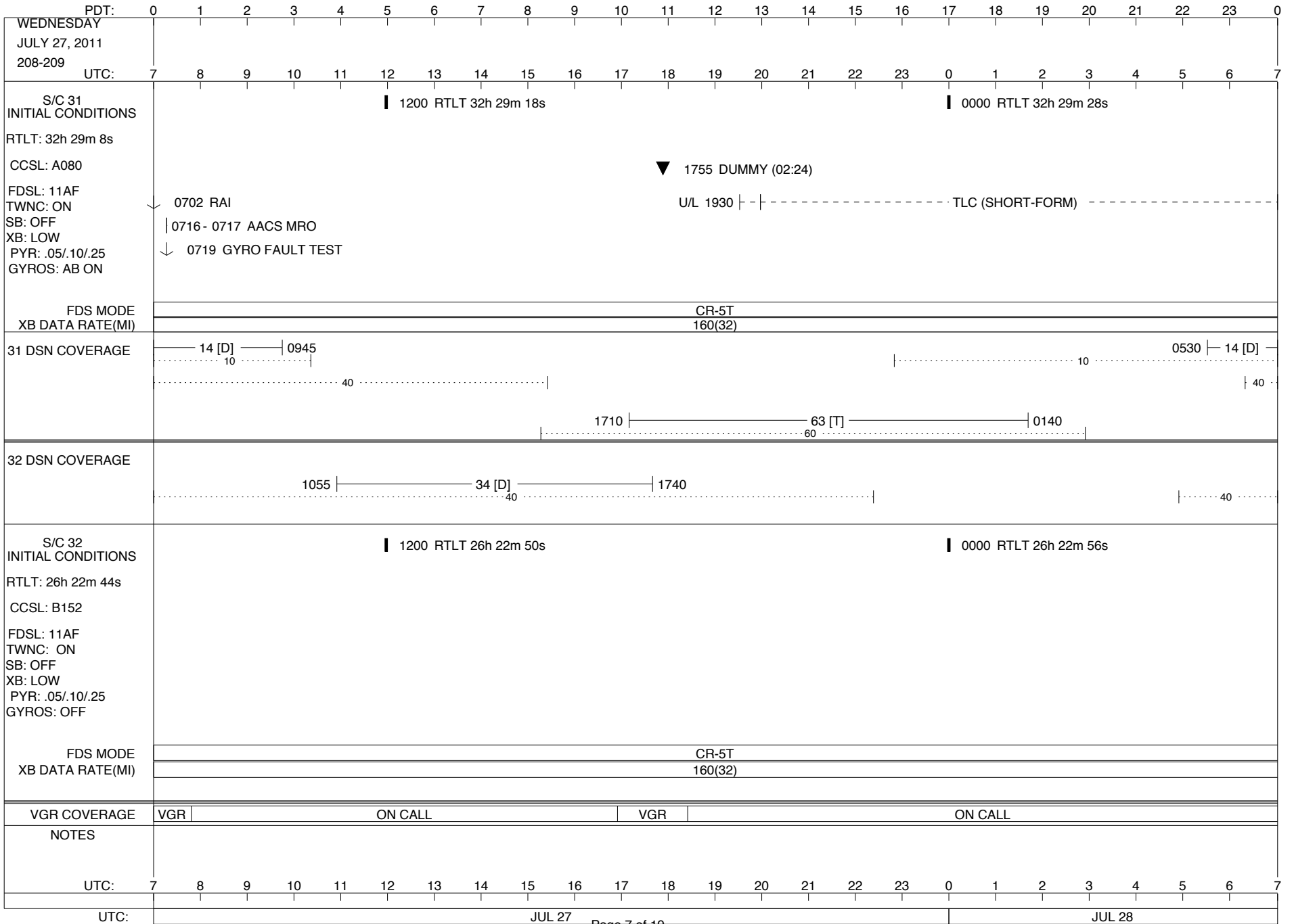
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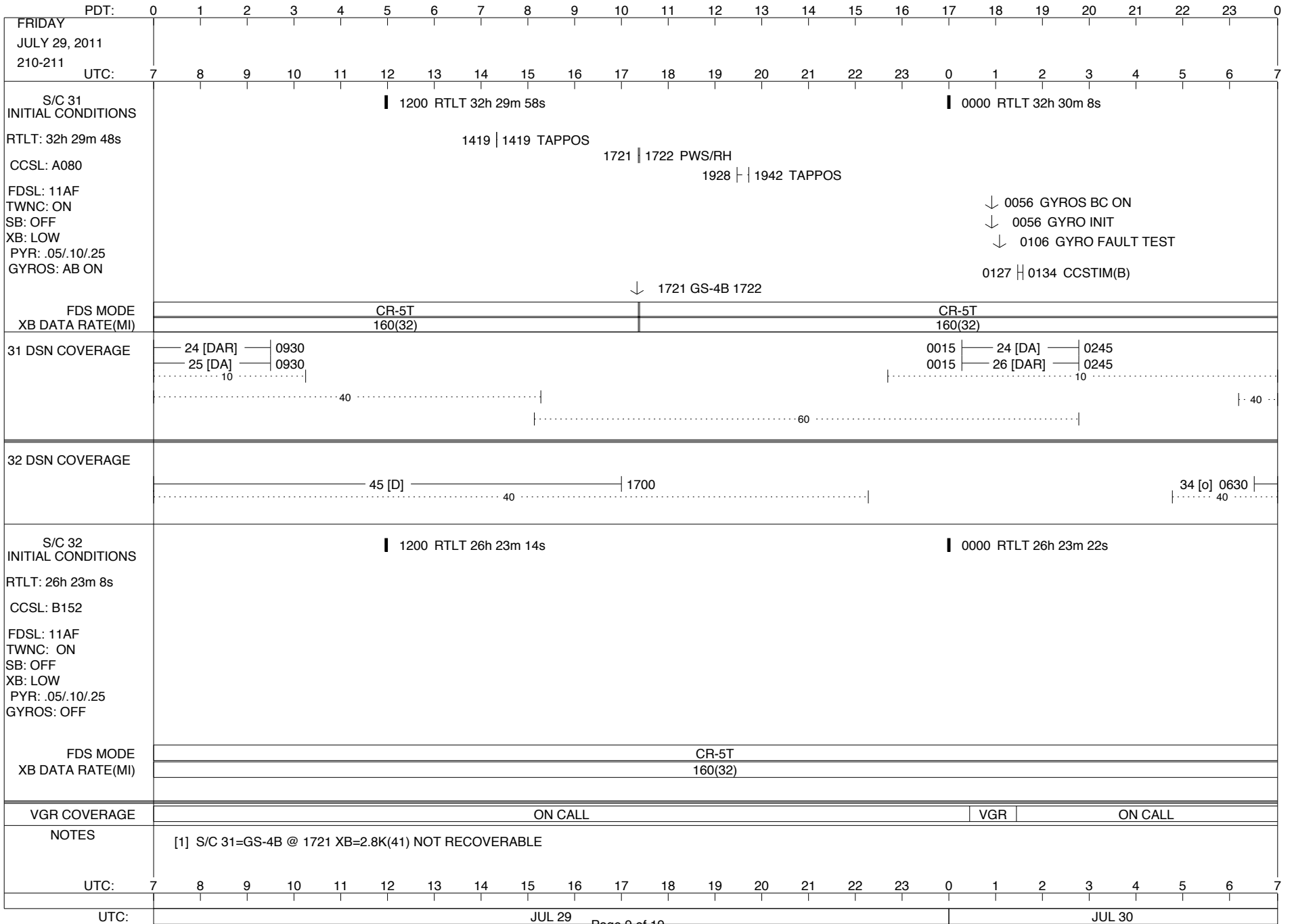
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S/C 31 INITIAL CONDITIONS RTLTL: 32h 28m 46s CCSL: A080 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AB ON	1200 RTLT 32h 28m 58s												0000 RTLT 32h 29m 8s												
	1120 1121 PWS/RH												0402 0403 AACS MRO ↓ 0404 AAI 0414-0639 - - LECP OBS - -												
	↓ 1120 GS-4B 1121																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	24 [DA] 0835 26 [DAR] 0835 10 .....| .....| 40 .....| .....| 60 .....|												0345 | 14 [D] | 10 .....| .....| 40												
32 DSN COVERAGE	0955 | 34 [o] | 1900 .....| 40 .....|												.....| 40											
S/C 32 INITIAL CONDITIONS RTLTL: 26h 22m 32s CCSL: B152 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 26h 22m 38s												0000 RTLT 26h 22m 44s												
	1528 | PLSCAL - | 1711 1528 | --- MAGCAL --- | 1831 1528 | --- PESCAL --- | 1848																								
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE	ON CALL												VGR												
NOTES	[1] S/C 31=GS-4B @ 1120 XB=2.8K(41) NOT RECOVERABLE																								
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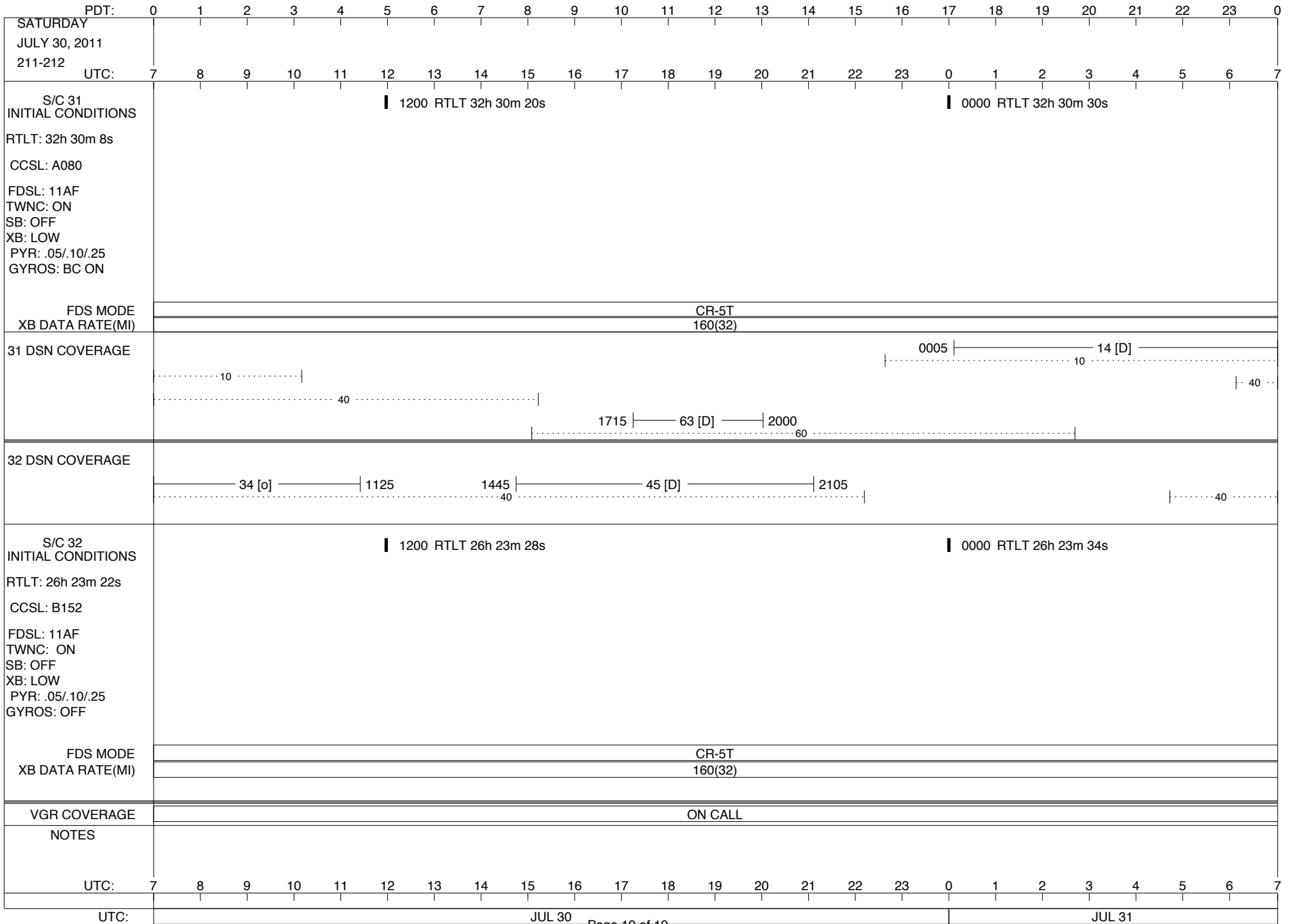
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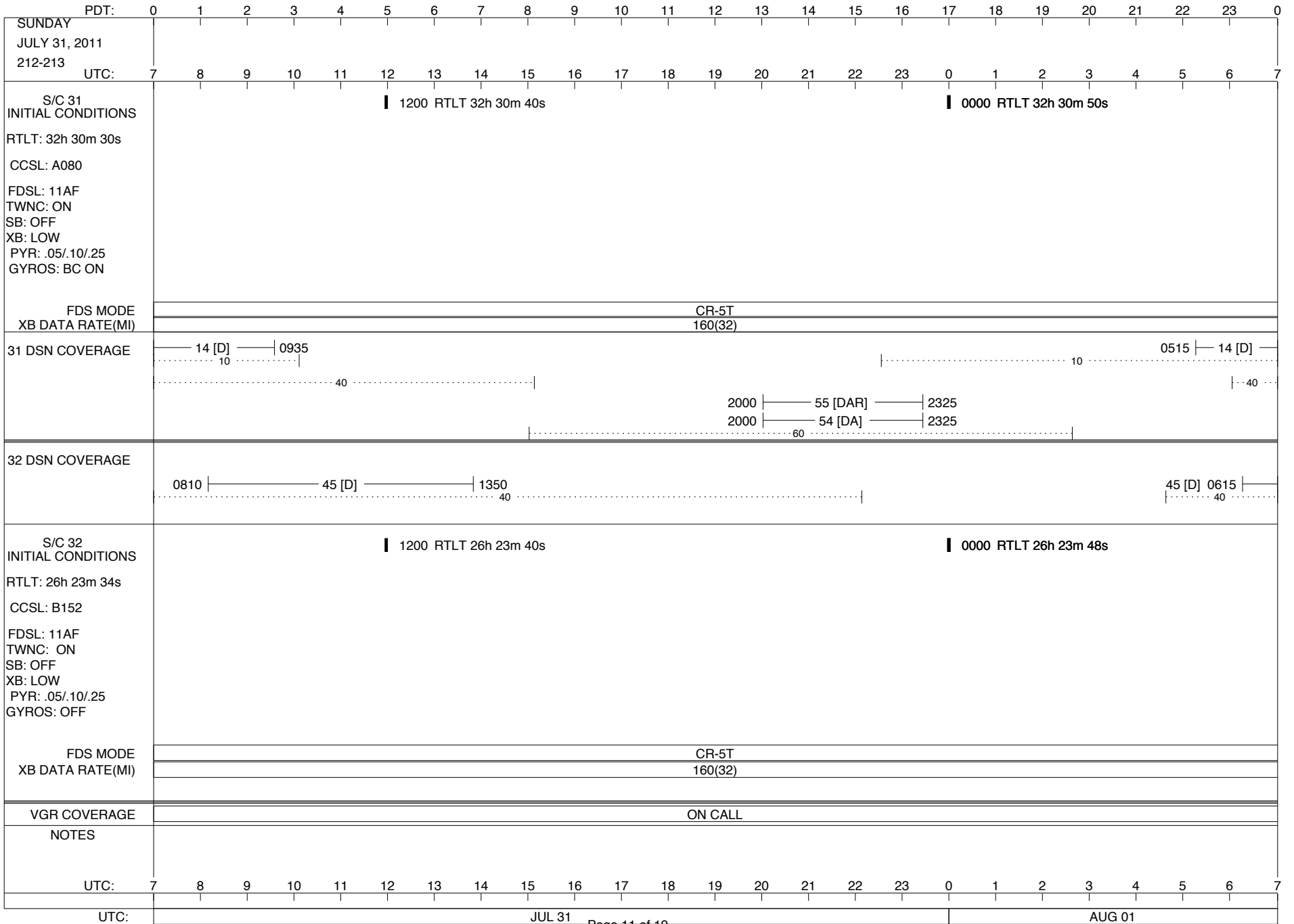
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S/C 31 INITIAL CONDITIONS RTLT: 32h 29m 28s CCSL: A080 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AB ON						1200												0000							
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 26h 22m 56s CCSL: B152 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						1200												0000							
FDS MODE XB DATA RATE(MI)																									
VGR COVERAGE																									
NOTES																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
UTC:	JUL 28													JUL 29											

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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
MONDAY AUGUST 1, 2011 213-214																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 32h 30m 50s CCSL: A080 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: BC ON						1200												0000							
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 26h 23m 48s CCSL: B152 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF						1200												0000							
FDS MODE XB DATA RATE(MI)																									
VGR COVERAGE																									
NOTES																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
UTC:																									

PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0			
TUESDAY AUGUST 2, 2011 214-215	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS RTLT: 32h 31m 12s CCSL: A080 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLT 32h 31m 22s												0000 RTLT 32h 31m 32s															
----- TLC (LONG-FORM) -----																												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)															
31 DSN COVERAGE	25 [DAR] | 0900 26 [DA] | 0900 10 .....| .....40 .....| .....| .....60 .....|												0015 | 15 [DA] | 0545 0015 | 24 [DAR] | 0545 .....10 .....| .....| .....40 .....|															
32 DSN COVERAGE	0935 | 45 [D] | 1820.....40 .....|												0410 | 43 [B,o] | .....40 .....|															
S/C 32 INITIAL CONDITIONS RTLT: 26h 24m 2s CCSL: B152 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 26h 24m 8s												0000 RTLT 26h 24m 14s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
VGR COVERAGE	VGR												ON CALL															
NOTES	[1] S/C 31=GS-4B @ 1057 XB=2.8K(41) NOT RECOVERABLE																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
UTC:	AUG 02														AUG 03													

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WEDNESDAY AUGUST 3, 2011 215-216																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 32h 31m 32s CCSL: A080 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLT 32h 31m 44s TLC (LONG-FORM) D/L - 1024												0000 RTLT 32h 31m 54s 0057 0058 AACS MRO ↓ 0059 AAI 0109 ----- LECP OBS ----- 0525 RAI 0605 ↓ AACS MRO 0619 - 0620 | GYRO FAULT TEST 0622 ↓												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	14 [D] 0735 - 1010 10 40 60												0045 25 [DAR] 0045 26 [DA] 10 40												
32 DSN COVERAGE	43 [B,o] 0815 1120 45 [D] 2035 40												45 [D] 0630 40												
S/C 32 INITIAL CONDITIONS RTLT: 26h 24m 14s CCSL: B152 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 26h 24m 22s												0000 RTLT 26h 24m 28s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL																	VGR							
NOTES																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
UTC:	AUG 03																	AUG 04							

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THURSDAY AUGUST 4, 2011 216-217																									
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S/C 31 INITIAL CONDITIONS RTLT: 32h 31m 54s CCSL: A080 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLT 32h 32m 6s												0000 RTLT 32h 32m 16s												
													0102 | 0103 AACS MRO ↓ 0104 AAI 0114 | ----- LECP OBS ----- | 0530 RAI 0610 ↓ AACS MRO 0624 - 0625 || GYRO FAULT TEST 0627 ↓												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	26 [DA] | 0820 25 [DAR] 10 | 0820												0050 | 25 [DA] 0050 | 26 [DAR] 10												
	..... 40 .....												..... 40											
	..... 60 .....												..... 40											
32 DSN COVERAGE	45 [D] | 1110 1410 | 45 [D] | 2035												45 [D] 0620 | 40												
S/C 32 INITIAL CONDITIONS RTLT: 26h 24m 28s CCSL: B152 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	| 1200 RTLT 26h 24m 36s												| 0000 RTLT 26h 24m 42s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL												VGR												
NOTES																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
UTC:	AUG 04												AUG 05												

PDT: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0					
FRIDAY AUGUST 5, 2011 217-218	UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7				
S/C 31 INITIAL CONDITIONS RTLT: 32h 32m 16s CCSL: A080 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 32h 32m 26s 1356 1356 TAPPOS 1658 1659 PWS/RH ↓ 1658 GS-4B 1659 1906 1919 TAPPOS 1952 1953 AACS MRO ↓ 1954 AAI 2004 --- LECP OBS --- 2329 0000 RTLT 32h 32m 38s ↓ 0139 AAI 0142 ----- MAGROL ----- ↓ 0009 RAI 0023 0024 AACS MRO ↓ 0026 GYRO FAULT TEST				
FDS MODE XB DATA RATE(MI)	<table border="1"> <tr> <td>CR-5T</td> <td>CR-5T</td> </tr> <tr> <td>160(32)</td> <td>160(32)</td> </tr> </table>	CR-5T	CR-5T	160(32)	160(32)
CR-5T	CR-5T				
160(32)	160(32)				
31 DSN COVERAGE	<table border="1"> <tr> <td> 25 [DA] 0850 26 [DAR] 0850 40 </td> <td> 0100 14 [D] 10 40 </td> </tr> <tr> <td> 1940 63 [D] 60 </td> <td> 0100 40 </td> </tr> </table>	25 [DA] 0850 26 [DAR] 0850 40	0100 14 [D] 10 40	1940 63 [D] 60	0100 40
25 [DA] 0850 26 [DAR] 0850 40	0100 14 [D] 10 40				
1940 63 [D] 60	0100 40				
32 DSN COVERAGE	<table border="1"> <tr> <td> 45 [D] 1205 40 </td> <td> 40 </td> </tr> </table>	45 [D] 1205 40 40		
45 [D] 1205 40 40				
S/C 32 INITIAL CONDITIONS RTLT: 26h 24m 42s CCSL: B152 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 26h 24m 50s 0000 RTLT 26h 24m 58s				
FDS MODE XB DATA RATE(MI)	<table border="1"> <tr> <td>CR-5T</td> </tr> <tr> <td>160(32)</td> </tr> </table>	CR-5T	160(32)		
CR-5T					
160(32)					
VGR COVERAGE	<table border="1"> <tr> <td>ON CALL</td> <td>VGR</td> </tr> </table>	ON CALL	VGR		
ON CALL	VGR				
NOTES	[1] S/C 31=GS-4B @ 1658 XB=2.8K(41) NOT RECOVERABLE [2] S/C 31=D/L AGC & SNR VARIATIONS EXPECTED DURING MAGROL (0142-0737)				
UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7	UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7				
UTC:	AUG 05 Page 16 of 19 AUG 06				

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S/C 31 INITIAL CONDITIONS RTLT: 32h 32m 38s CCSL: A080 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 32h 32m 48s												0000 RTLT 32h 33m 0s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	14 [D] 0920												10 10												
 40											 40												
 40											 60												
32 DSN COVERAGE	0905 43 [D] 1320												40 0535 45 [D]												
 40											 40												
S/C 32 INITIAL CONDITIONS RTLT: 26h 24m 58s CCSL: B152 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 26h 25m 4s												0000 RTLT 26h 25m 12s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	VGR												ON CALL												
NOTES																									
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UTC:	AUG 06												AUG 07												

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SUNDAY AUGUST 7, 2011 219-220	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLTL: 32h 33m 0s CCSL: A080 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 32h 33m 10s												| 0000 RTLTL 32h 33m 22s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	..... 10 .....|												|..... 10											
	..... 40 .....												|..... 40											
													1725 |----- 63 [D] -----|2150 60													
32 DSN COVERAGE	----- 45 [D] -----|1150												0340 |----- 43 [D] ----- 40													
S/C 32 INITIAL CONDITIONS RTLTL: 26h 25m 12s CCSL: B152 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 26h 25m 20s												0000 RTLTL 26h 25m 26s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
VGR COVERAGE													ON CALL													
NOTES																										
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UTC:	AUG 07													AUG 08												

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S/C 31 INITIAL CONDITIONS RTLT: 32h 33m 22s CCSL: A080 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 33m 32s																								
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	..... 10 40																							
32 DSN COVERAGE	| 0740 43 [D] 0745 | 45 [D] | 1055 40																								
S/C 32 INITIAL CONDITIONS RTLT: 26h 25m 26s CCSL: B152 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 26h 25m 34s																								
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE	ON CALL																								
NOTES																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
UTC:	AUG 08												AUG 09												