

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: July 11, 2012

For the Period: 07/12/12 to 08/06/12 (12-194 – 12-219)

DSN OPSCHIEF (1) 230-102

SCIENCE

FLIGHT TEAM (14) 600-100

DSOT (1) 230-102

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 Ludwig, R. (2)
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 Peralta, F.
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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

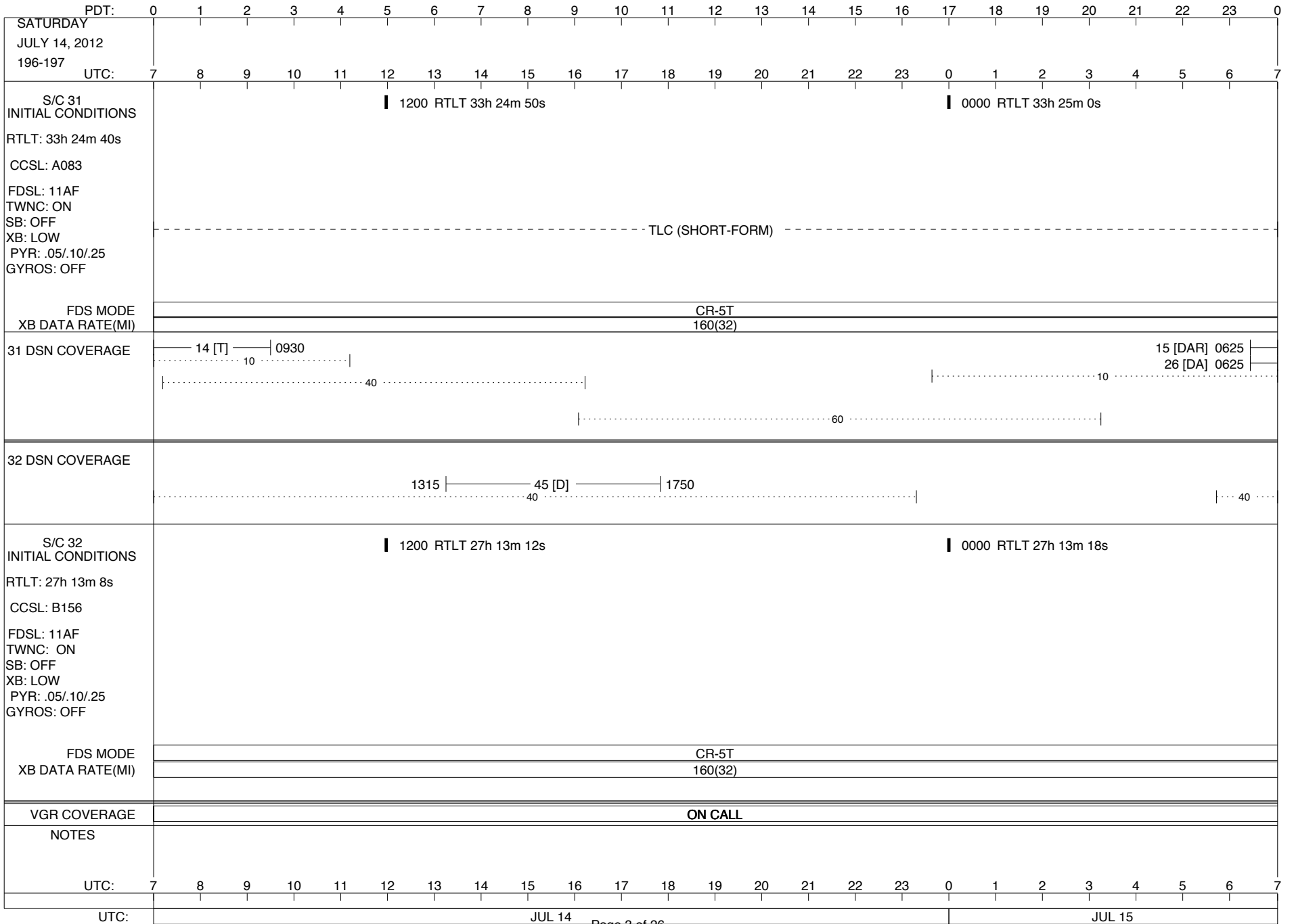
*Electronic Copy Only
 (16 – Dist/N: Paper Copies)
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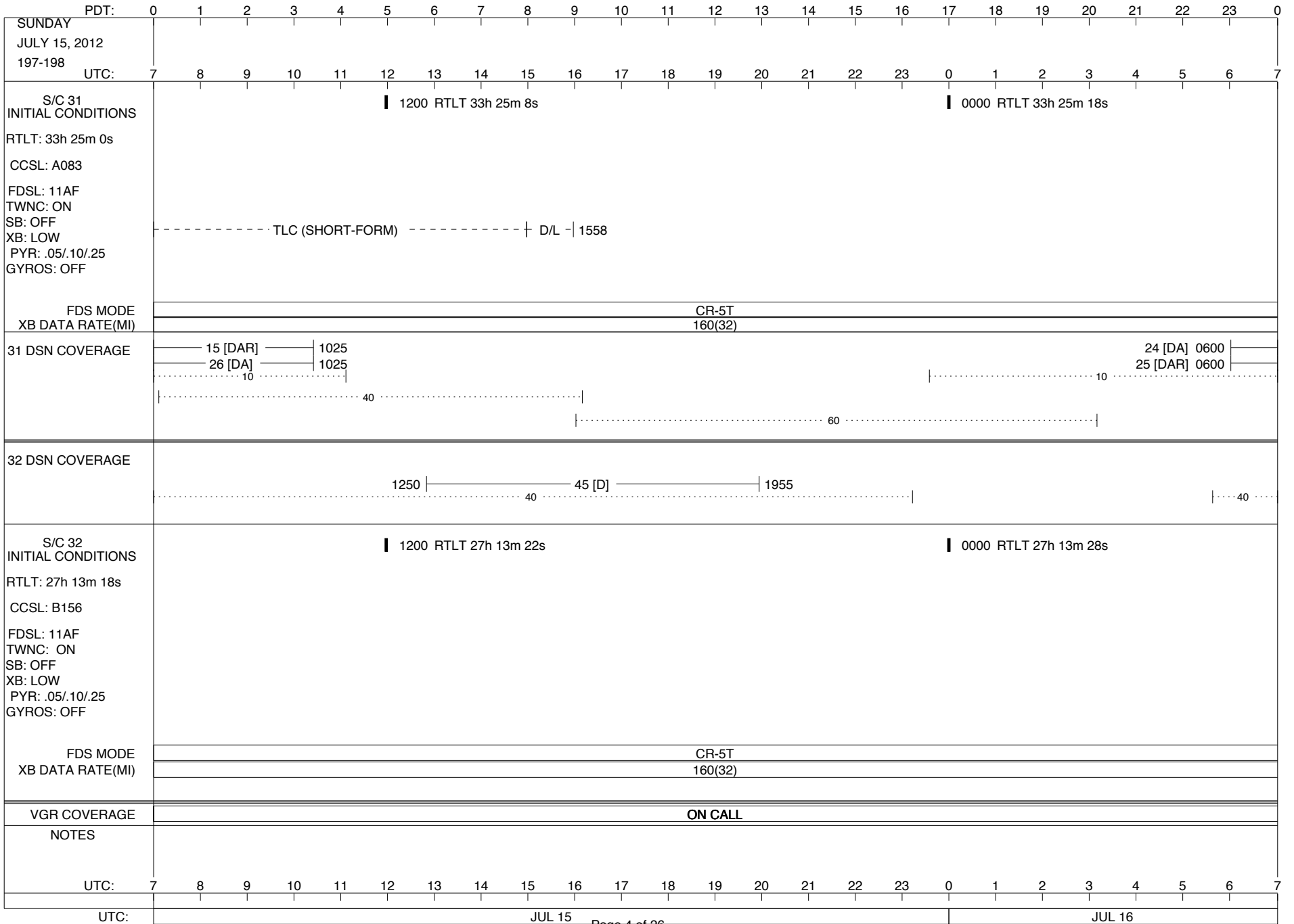
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S/C 31 INITIAL CONDITIONS RTLTL: 33h 24m 4s CCSL: A083 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 33h 24m 14s												0000 RTLTL 33h 24m 22s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	14 [D] 1015										0525 14 [D]														
	-----										-----														
	-----										-----														
	-----										-----														
32 DSN COVERAGE	1310 45 [D] 1710										-----														
	-----										-----														
S/C 32 INITIAL CONDITIONS RTLTL: 27h 12m 50s CCSL: B156 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 27h 12m 54s												0000 RTLTL 27h 13m 0s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL																								
NOTES																									
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S/C 31 INITIAL CONDITIONS RTLT: 33h 24m 22s CCSL: A083 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 33h 24m 32s												0000 RTLT 33h 24m 40s													
	1510 | - | 1536 TAPPOS												1812 | 1813 PWS/RH 2020 | - - | 2100 TAPPOS													
													U/L 0505 | - | TLC (SHORT-FORM) | - - - - -													
													↓ 1812 GS-4B 1813													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	14 [D] | 0925										0440 | 14 [T]															
	-----										-----															
	-----										-----															
32 DSN COVERAGE	1250 | 45 [D] | 1650												|-----|													
	-----												-----													
S/C 32 INITIAL CONDITIONS RTLT: 27h 13m 0s CCSL: B156 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 27h 13m 4s												0000 RTLT 27h 13m 8s													
													FDS CLOCK ROLLOVER 0429 ↓													
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 @ 1812 XB=2.8K(41) NOT RECOVERABLE																									
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S/C 31 INITIAL CONDITIONS RTLTL: 33h 25m 18s CCSL: A083 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200												█ 0000							
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLTL: 27h 13m 28s CCSL: B156 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
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S/C 31 INITIAL CONDITIONS RTLT: 33h 25m 36s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		<p>1200 RTLT 33h 25m 46s</p> <p>1149 1150 PWS/RH</p> <p>1149 GS-4B 1150</p>														<p>0000 RTLT 33h 25m 56s</p> <p>↓ 0011 GYROS BC ON ↓ 0011 GYRO INIT ↓ 0021 GYRO FAULT TEST</p> <p>0327 - 0643 -----MAGCAL----- 0327 - 0700 -----PESCAL----- </p> <p>DUMMY (13:11) 0345▼</p>													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)														CR-5T 160(32)													
31 DSN COVERAGE		<p>15 [DA] 1015 24 [DAR] 1015 10</p> <p>40</p>														<p>0315 |-----14-----| 10</p> <p>0000 |-----65 [DAR]-----|0245 0000 |-----54 [DAR]-----|0245</p> <p>60</p> <p>40</p>													
32 DSN COVERAGE		<p>1305 |-----34 [D]-----|2145 40</p> <p>40</p>																											
S/C 32 INITIAL CONDITIONS RTLT: 27h 13m 38s CCSL: B156 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		<p>1200 RTLT 27h 13m 42s</p>														<p>0000 RTLT 27h 13m 48s</p>													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)																											
VGR COVERAGE		ON CALL														VGR	ON CALL				VGR	ON CALL							
NOTES		[1] S/C 31=GS-4B @ 1149 XB=2.8K(41) NOT RECOVERABLE																											
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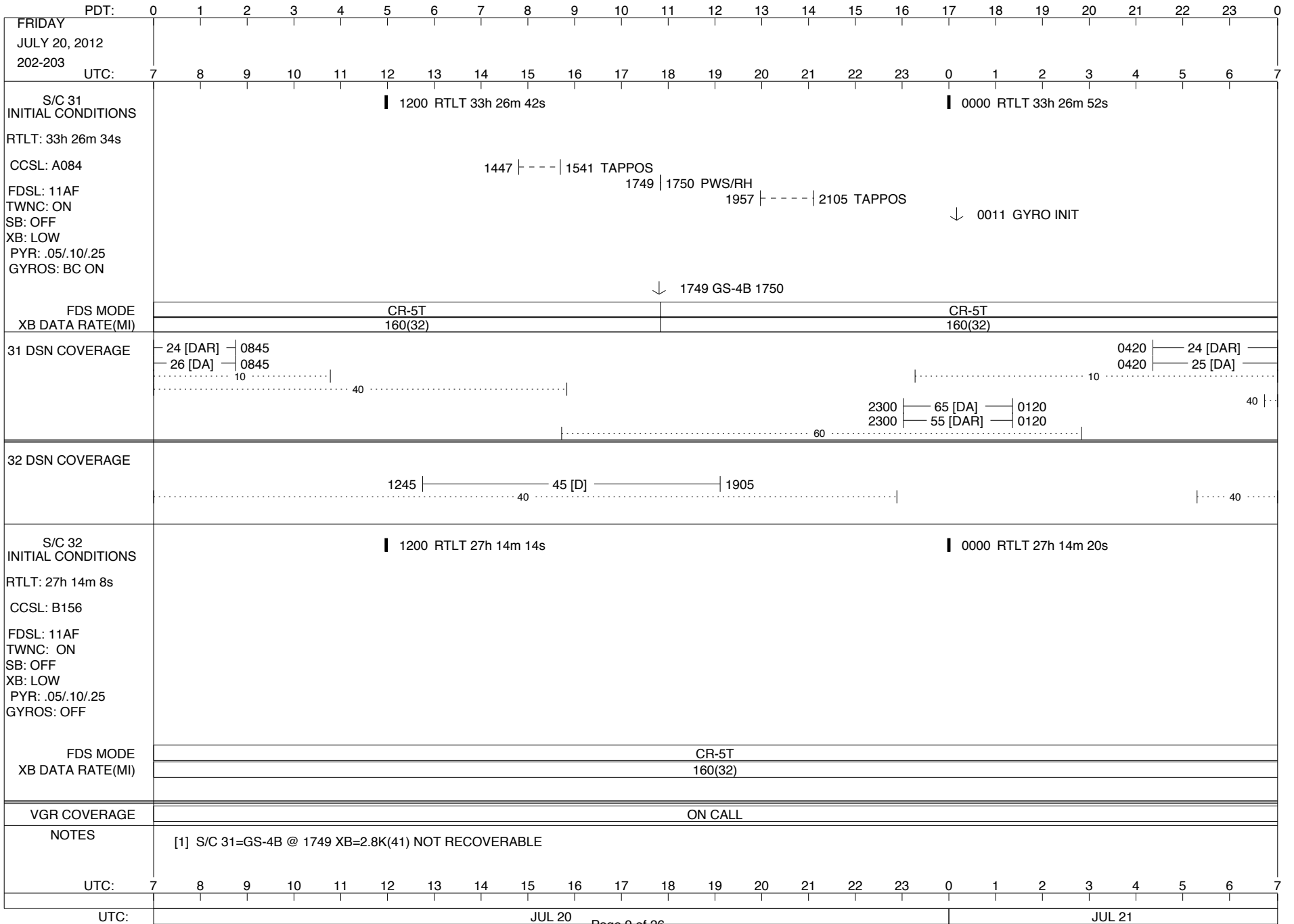
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WEDNESDAY JULY 18, 2012 200-201																																	
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S/C 31 INITIAL CONDITIONS RTLT: 33h 25m 56s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 33h 26m 4s												0000 RTLT 33h 26m 14s																				
0700 PESCAL																																	
FDS MODE	CR-5T																																
XB DATA RATE(MI)	160(32)																																
31 DSN COVERAGE	14 | 0730																					0420 | 15 [DAR]						0420 | 26 [DA]					
 10 10						
	..... 40											2210 | 65 [DAR]						0115														
	..... 40											2210 | 55 [DA]						0115														
	..... 60 .....																..... 40							
32 DSN COVERAGE																																	
	1305 | 43 [D]												1720																				
	..... 40 .....												..... 40											
S/C 32 INITIAL CONDITIONS RTLT: 27h 13m 48s CCSL: B156 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 27h 13m 52s												0000 RTLT 27h 13m 58s																				
FDS MODE	CR-5T																																
XB DATA RATE(MI)	160(32)																																
VGR COVERAGE	ON CALL																																
NOTES																																	
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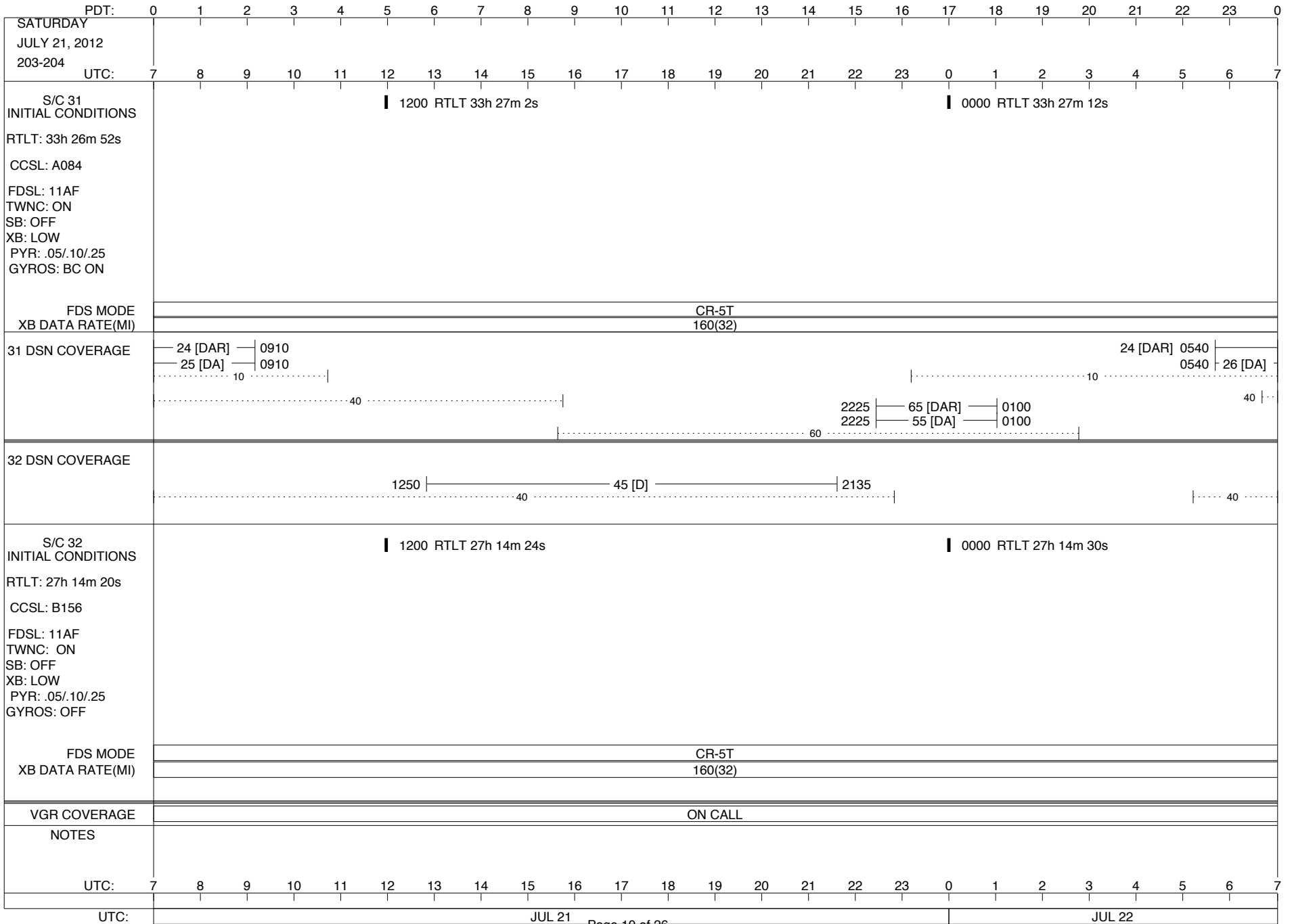
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THURSDAY JULY 19, 2012 201-202																												
S/C 31 INITIAL CONDITIONS RTLT: 33h 26m 14s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 33h 26m 24s												0000 RTLT 33h 26m 34s															
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS RTLT: 27h 13m 58s CCSL: B156 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 27h 14m 2s												0000 RTLT 27h 14m 8s															
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
VGR COVERAGE	ON CALL																											
NOTES																												
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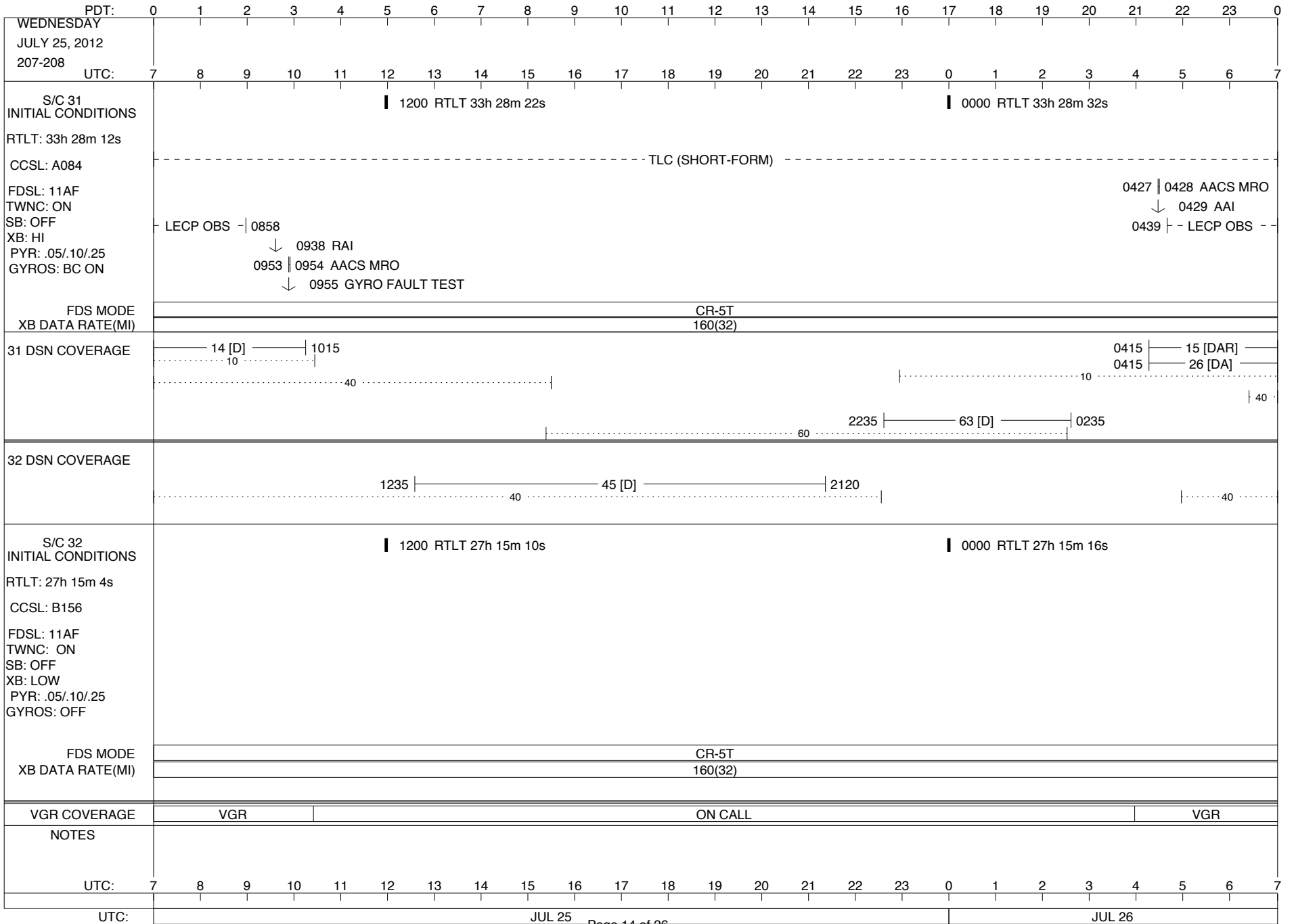


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UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLT: 33h 27m 12s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON						█ 1200 RTLT 33h 27m 22s																				
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE																										
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS RTLT: 27h 14m 30s CCSL: B156 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 27h 14m 36s																				
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
VGR COVERAGE													ON CALL													
NOTES																										
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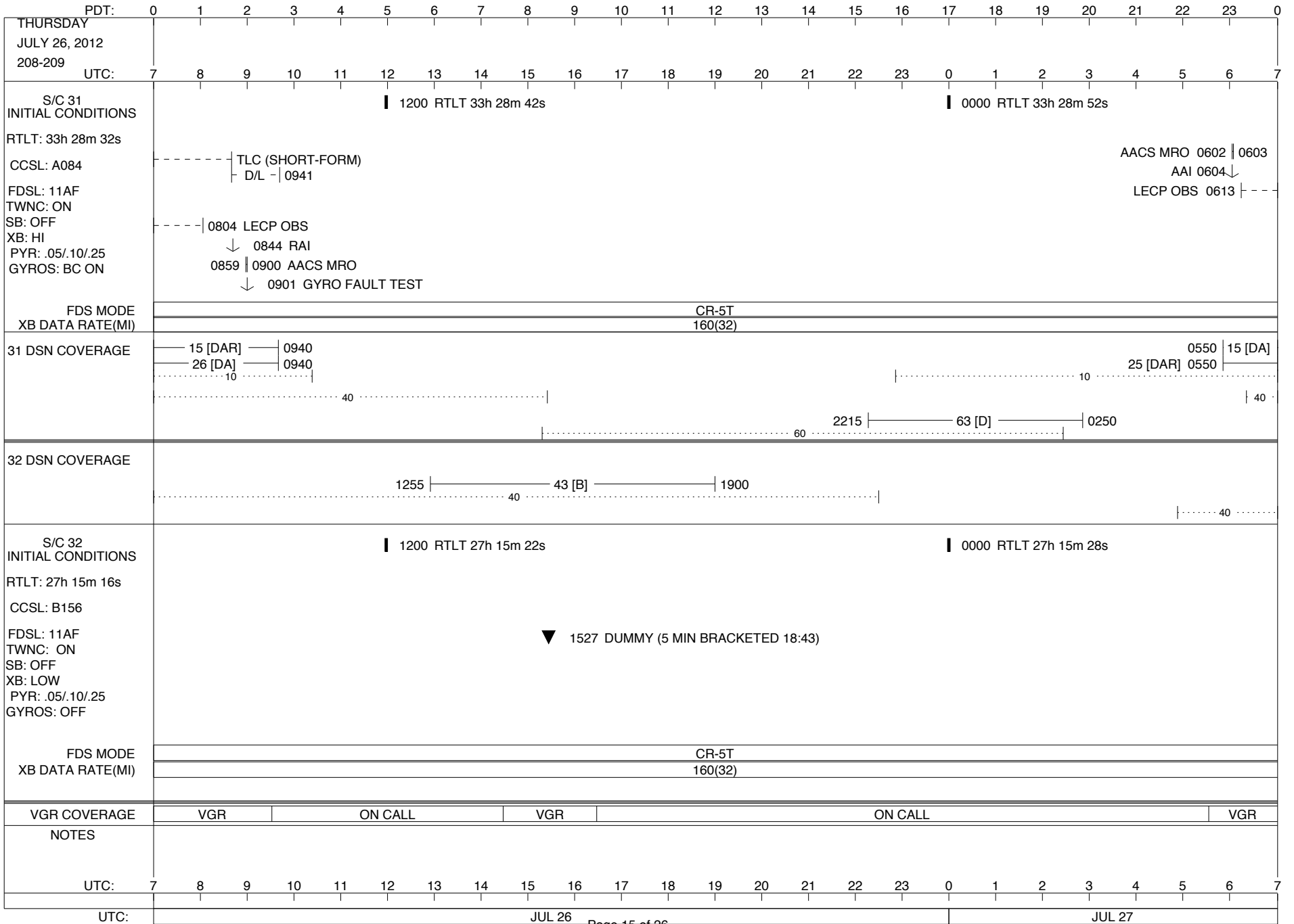
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S/C 31 INITIAL CONDITIONS RTLT: 33h 27m 32s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON						1200															0000				
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	24 [DA] 0950 26 [DAR] 0950 10 40												0245 14 [D] 10 40 2305 65 [DAR] 0215 2305 55 [DA] 0215												
32 DSN COVERAGE	1115 34 [D] 40 2020 40																								
S/C 32 INITIAL CONDITIONS RTLT: 27h 14m 42s CCSL: B156 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						1200																			
																						0000			
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE	ON CALL																		VGR						
NOTES	[1] S/C 31 - D/L AGC & SNR VARIATIONS EXPECTED DURING MAGROL (0328-0923)																								
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UTC:	JUL 23												Page 12 of 26						JUL 24						

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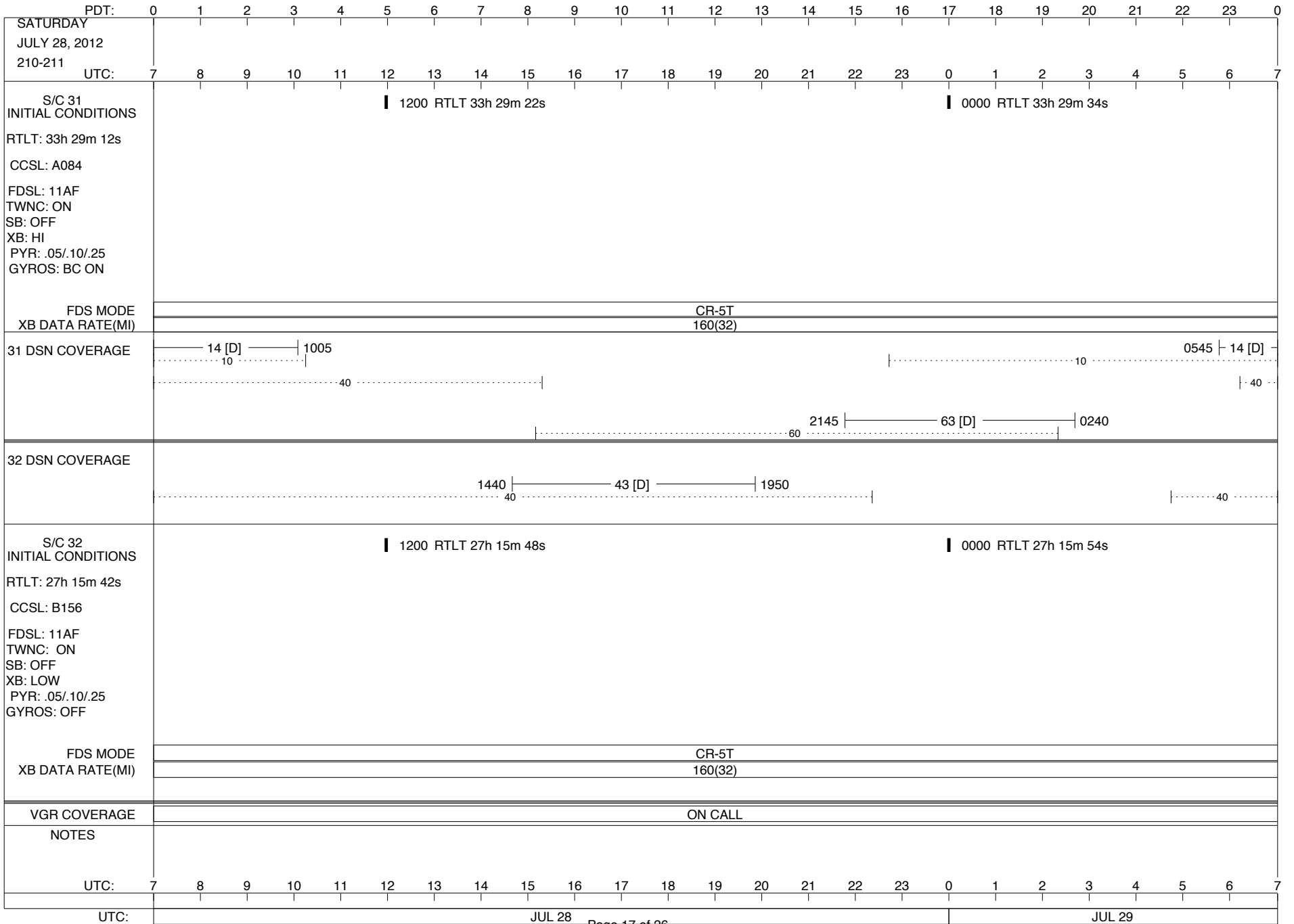
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S/C 31 INITIAL CONDITIONS RTLT: 33h 28m 52s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLT 33h 29m 2s												0000 RTLT 33h 29m 12s																					
	0822 LECP OBS												1424 | TAPPOS | 1546		1726 | 1727 PWS/RH												1934 | TAPPOS | 2109		0033 GYROS BC ON - REDUNDANT		0034 GYRO INIT		0043 GYRO FAULT TEST	
	0902 RAI		0917 | 0918 AACS MRO		0919 GYRO FAULT TEST		1726 GS-4B 1727												0133 | 0140 CCSTIM(B)															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)																					
31 DSN COVERAGE	15 [DA] | 0940		25 [DAR] | 0940												10		0550 | 14 [D]										40							
	40										2250 | 55 [DAR] | 0205		2250 | 54 [DA] | 0205		60																			
32 DSN COVERAGE	1255 | 45 [D] | 1555												1535 | 34 [D] | 2020		40																			
S/C 32 INITIAL CONDITIONS RTLT: 27h 15m 28s CCSL: B156 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 27h 15m 36s												0000 RTLT 27h 15m 42s																					
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																																	
VGR COVERAGE	VGR												ON CALL																					
NOTES	[1] S/C 31=GS-4B @ 1726 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									
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SUNDAY JULY 29, 2012 211-212																									
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S/C 31 INITIAL CONDITIONS RTLT: 33h 29m 34s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON						█ 1200 RTLT 33h 29m 44s												█ 0000 RTLT 33h 29m 54s							
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	14 [D] 1005 40												0415 15 [DA] 0415 26 [DAR] 10 2225 63 [D] 0225 60												
32 DSN COVERAGE 40 1610 43 [D] 2300 40																								
S/C 32 INITIAL CONDITIONS RTLT: 27h 15m 54s CCSL: B156 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF						█ 1200 RTLT 27h 16m 0s												█ 0000 RTLT 27h 16m 6s							
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE													ON CALL												
NOTES																									
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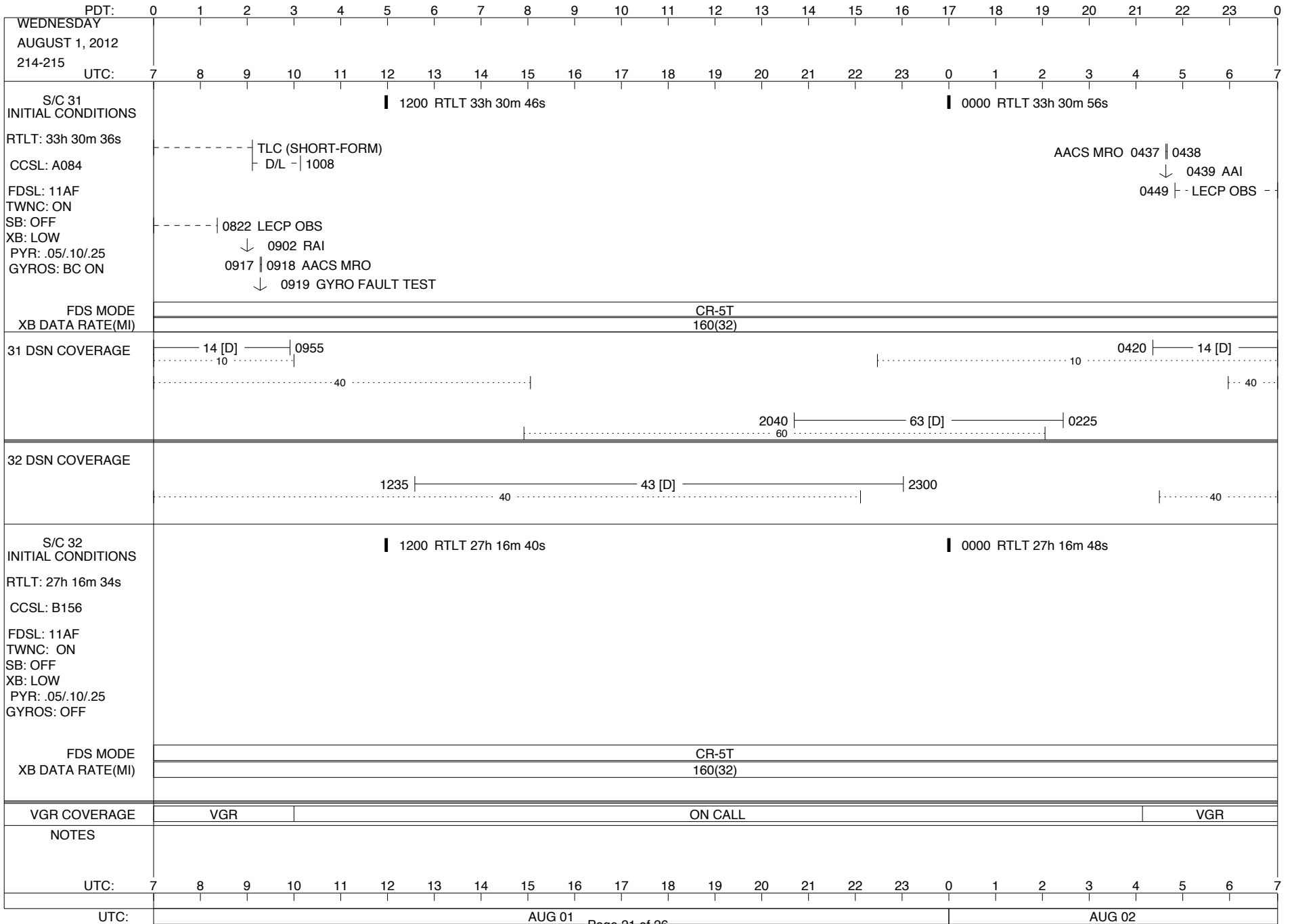
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S/C 31 INITIAL CONDITIONS RTLT: 33h 29m 54s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 33h 30m 4s												0000 RTLT 33h 30m 14s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	15 [DA] 0925 26 [DAR] 0925 10												0540 14 [D] 10 2225 63 [T] 0235 60												
32 DSN COVERAGE	1520 43 [o] 2140 40												40												
S/C 32 INITIAL CONDITIONS RTLT: 27h 16m 6s CCSL: B156 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 27h 16m 14s												0000 RTLT 27h 16m 20s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
VGR COVERAGE	VGR ON CALL												VGR ON CALL												
NOTES																									
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S/C 31 INITIAL CONDITIONS RTLTL: 33h 30m 14s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 33h 30m 26s												0000 RTLTL 33h 30m 36s															
----- TLC (SHORT-FORM) -----																												
↓ 0134 GYRO INIT AACS MRO 0602 || 0603 AAI 0604 ↓ LECP OBS 0614 |----- ↓ 0923 RAI 0938 || 0939 AACS MRO ↓ 0940 GYRO FAULT TEST 1103 || 1104 PWS/RH ↓ 1103 GS-4B 1104																												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)															
31 DSN COVERAGE	14 [D] |-----| 1000 .....|-----| .....40.....|-----|												0545 | 14 [D] |-----| .....|-----| .....60.....|-----|															
32 DSN COVERAGE	1235 |-----| 43 [D] |-----| 1645 .....|-----| .....40.....|-----|												1625 |-----| 34 [D] |-----| 2055 .....|-----| .....40.....|-----|															
S/C 32 INITIAL CONDITIONS RTLTL: 27h 16m 20s CCSL: B156 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 27h 16m 26s												0000 RTLTL 27h 16m 34s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)															
VGR COVERAGE	VGR												ON CALL												VGR			
NOTES	[1] S/C 31=GS-4B @ 1103 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:	JUL 31														AUG 01													

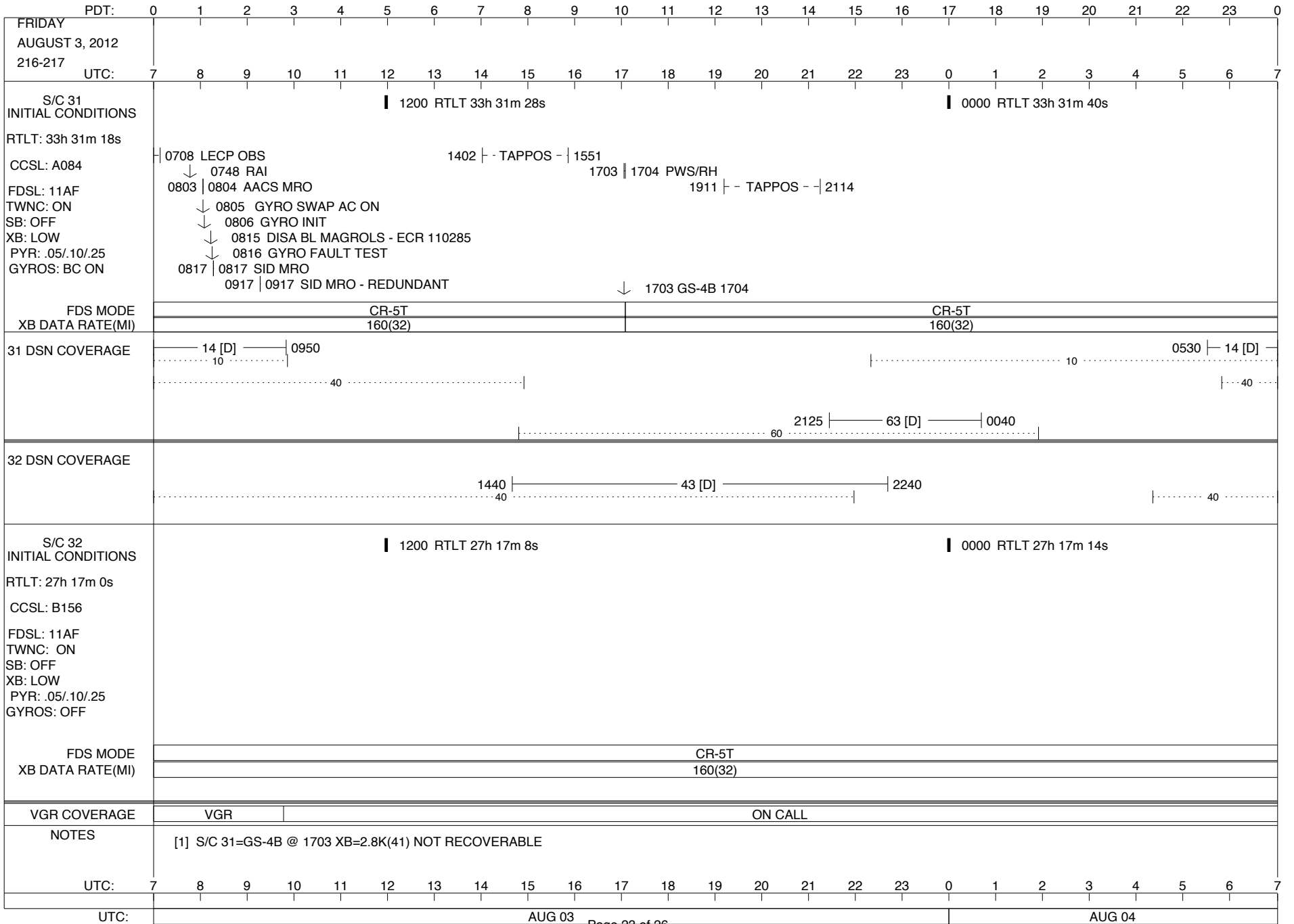
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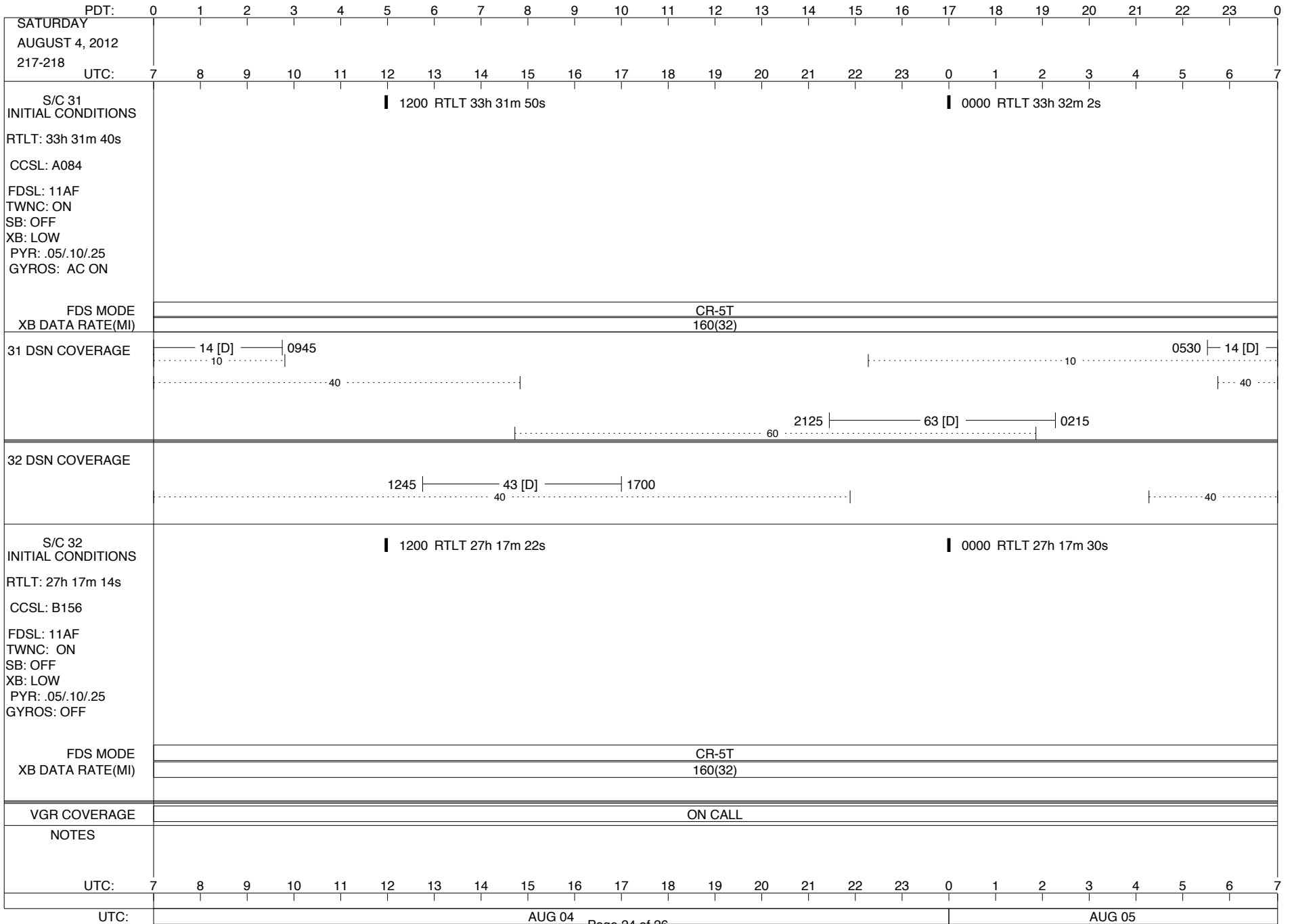
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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
THURSDAY AUGUST 2, 2012 215-216																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 33h 30m 56s CCSL: A084 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: 27h 16m 48s CCSL: B156 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:																									

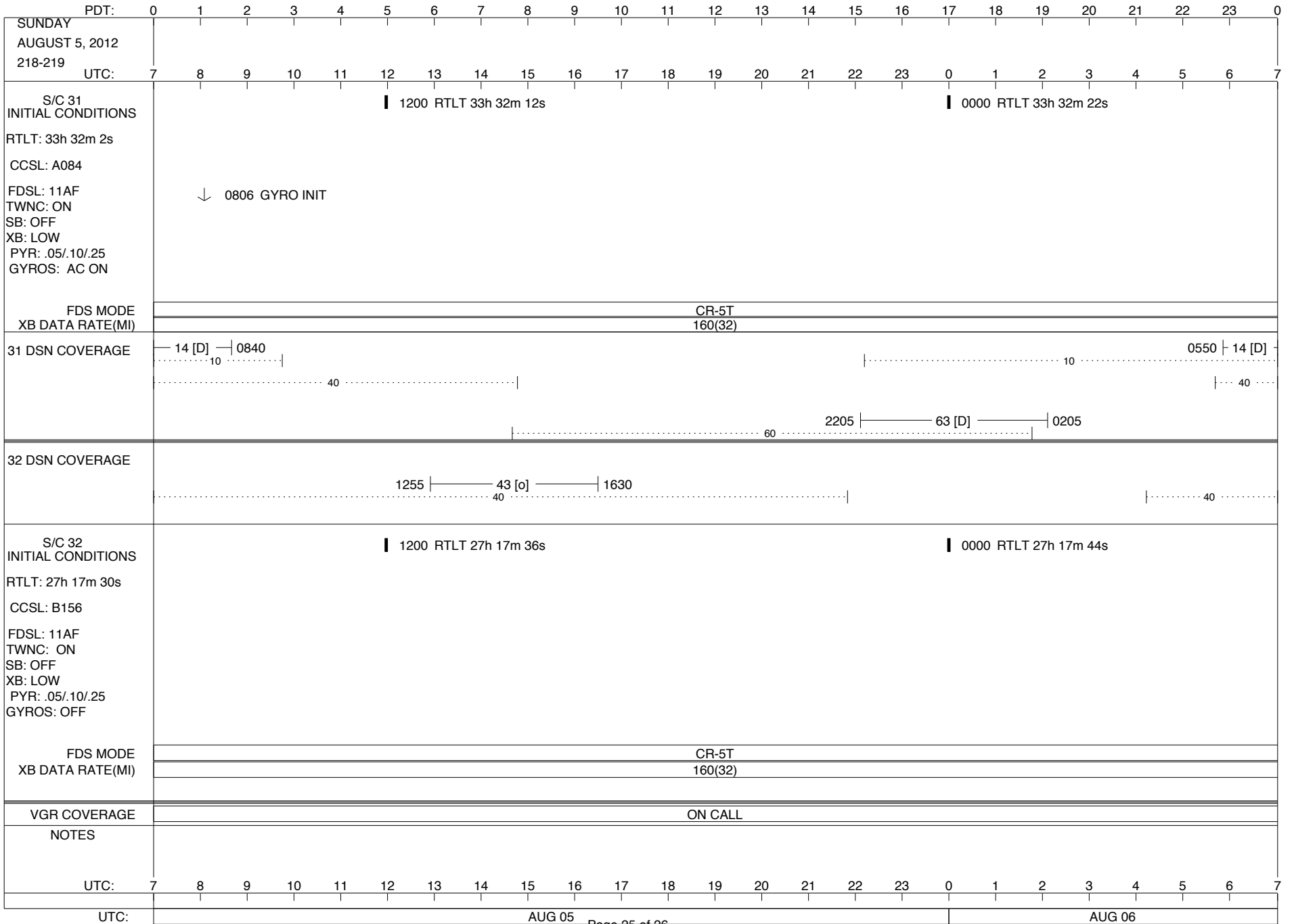
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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0		
MONDAY AUGUST 6, 2012 219-220																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLT: 33h 32m 22s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON	<div style="text-align: center;"> <p>1200 RTLT 33h 32m 34s</p> </div>																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<div style="text-align: center;"> <p>14 [D] 0935</p> <p>10</p> <p>40</p> </div>																										
32 DSN COVERAGE	<div style="text-align: center;"> <p>1230 43 [D] 1950</p> <p>40</p> </div>																										
S/C 32 INITIAL CONDITIONS RTLT: 27h 17m 44s CCSL: B156 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 27h 17m 50s</p> </div>																										
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 06													AUG 07													