

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: July 30, 2008

For the Period: 07/31/08 to 08/18/08 (08-213 – 08-231)

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

**SCIENCE**

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

**DSOT (1) 230-102**

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 Ludwig, R. (2)  
 Massey, Ed  
 Matsumoto, S.  
 Medina, E.  
 Peralta, F.  
 Poynter, R.  
 Weeks, T.  
 Wong, R.  
 Yang, L  
 Zottarelli, L.  
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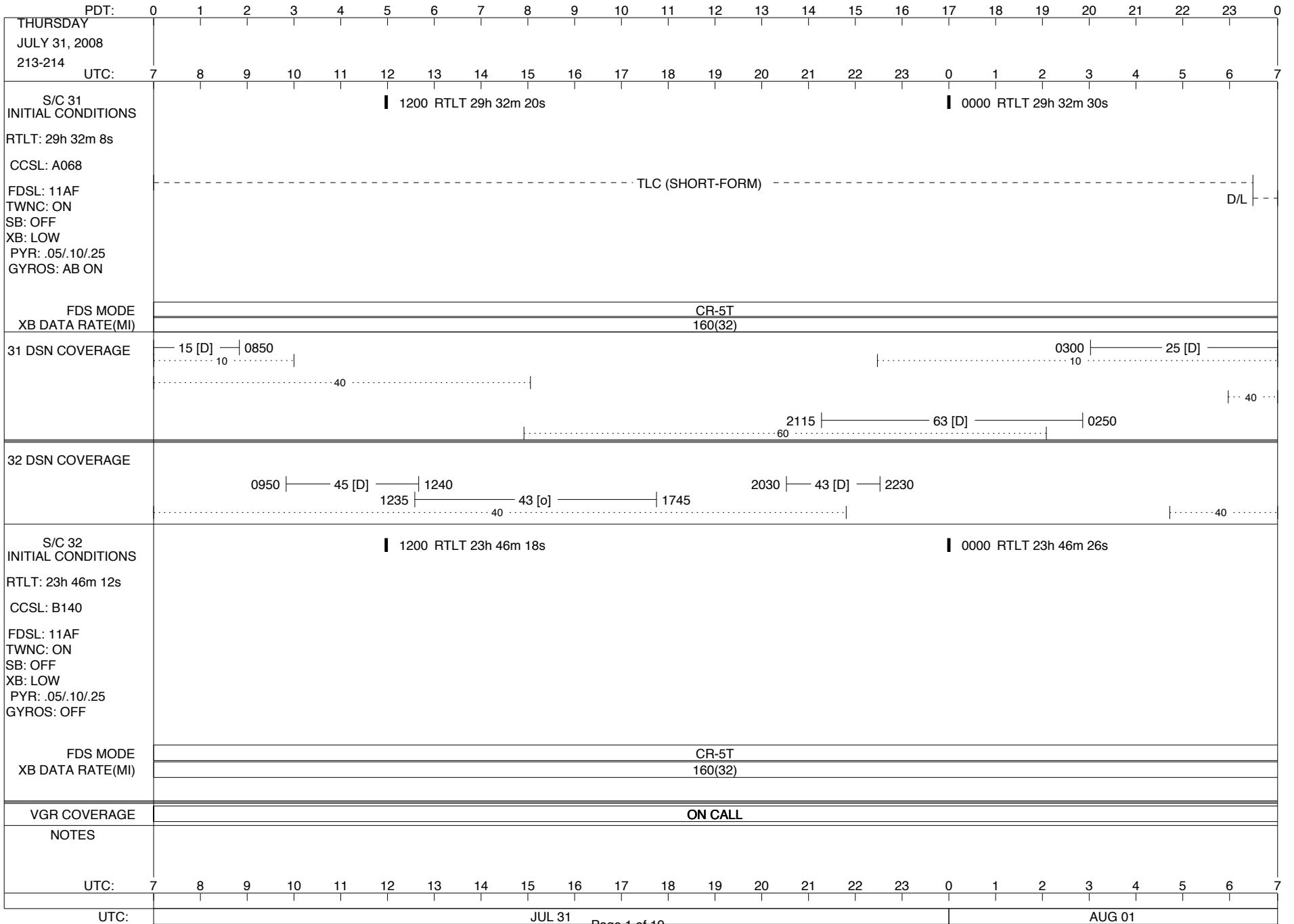
**OTHER**

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 \* Peter.T.Poon@jpl.nasa.gov  
 \* DSN-MPSETA@jjpl.jpl.nasa.gov

**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

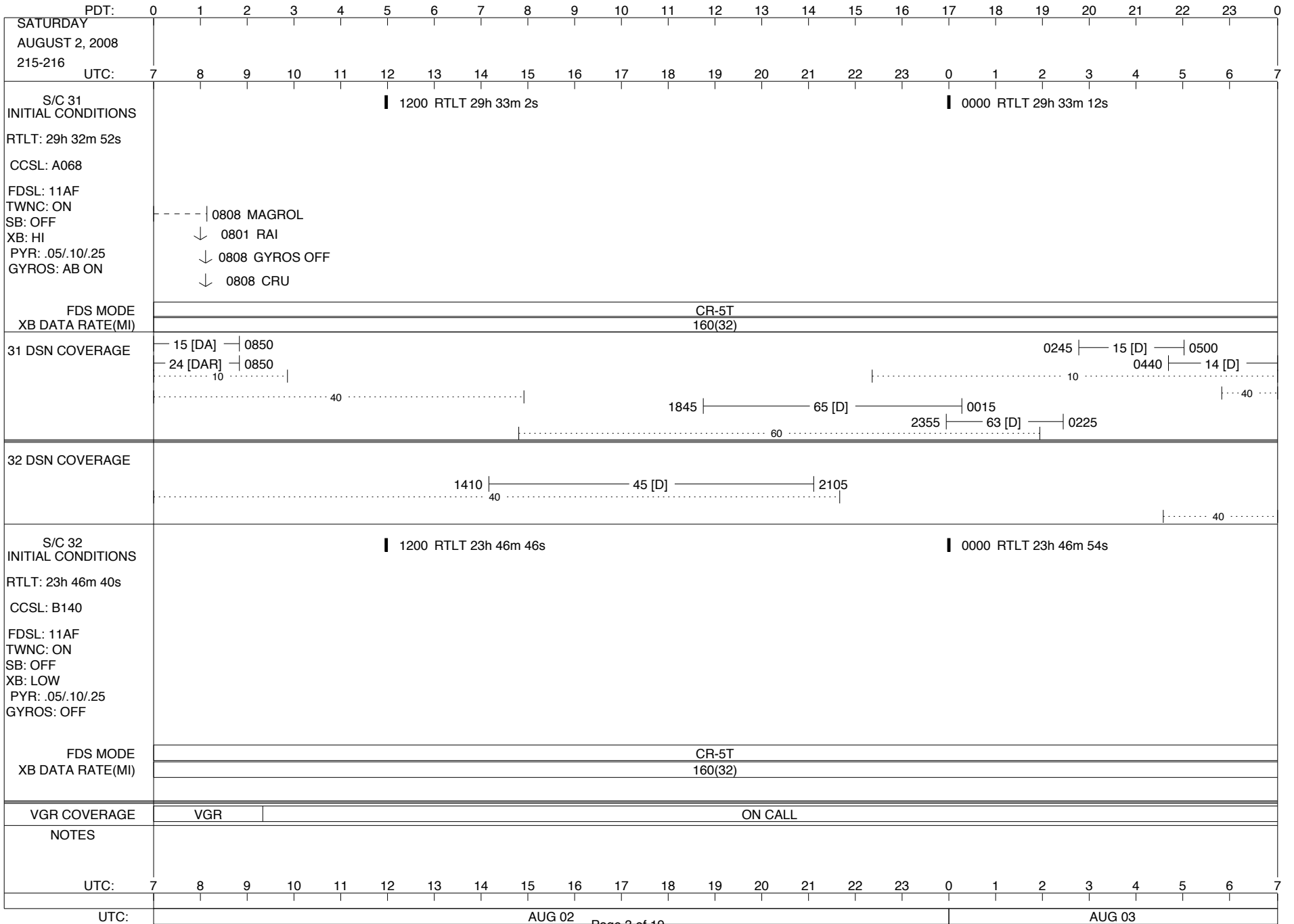
ISSUE DATE: 07/30/08 20:40



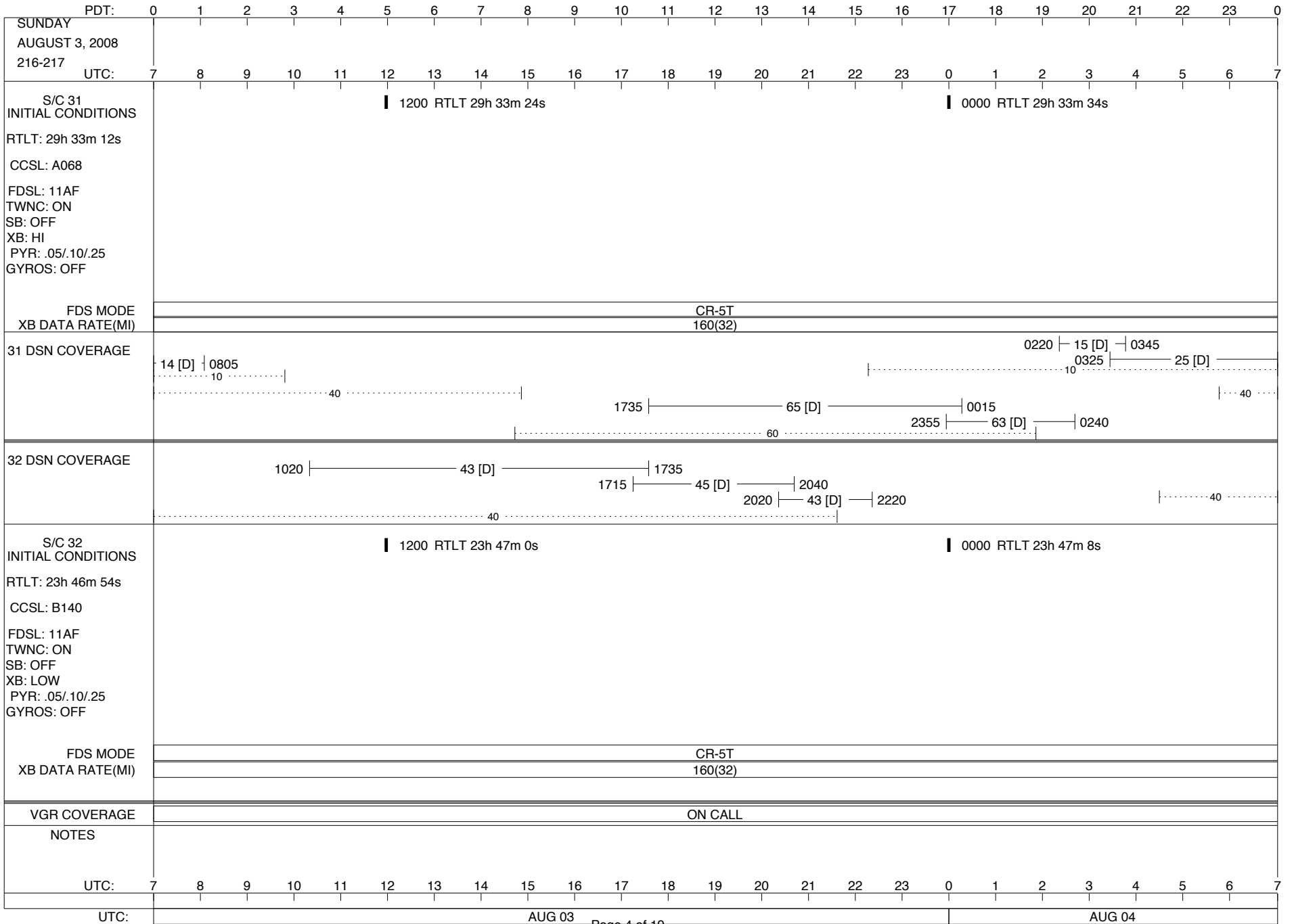
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FRIDAY AUGUST 1, 2008 214-215																									
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S/C 31 INITIAL CONDITIONS RTLT: 29h 32m 30s CCSL: A068 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AB ON	1200 RTLT 29h 32m 40s												0000 RTLT 29h 32m 52s												
	1426   1440 TAPPOS												↓ 0145 BAY 1 HTR OFF ↓ 0149 X/B HI POWER												
	0730 D/L												1729   1729 PWS/RH 1936   1936 TAPPOS												
													↓ 0209 AAI 0212   ----- MAGROL -----												
													↓ 1729 GS-4B 1729												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0730 25 [D] -----10-----												0130  -----15 [DA]----- 0130  -----24 [DAR]----- -----10-----												
	1020  -----45 [D]-----  1310 -----40-----												2045  -----65 [D]-----  0045 -----60-----												
32 DSN COVERAGE	1230  -----43 [D]-----  1545 -----40-----												1525  -----45 [D]-----  2110 -----40-----												
S/C 32 INITIAL CONDITIONS RTLT: 23h 46m 26s CCSL: B140 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 23h 46m 32s												0000 RTLT 23h 46m 40s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												VGR												
NOTES	[1] S/C 31=GS-4B @ 1729 XB=2.8K(41) NOT RECOVERABLE [2] S/C 31-D/L AGC VARIATIONS EXPECTED DURING MAGROL (0212-0807)																								
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 01												AUG 02												

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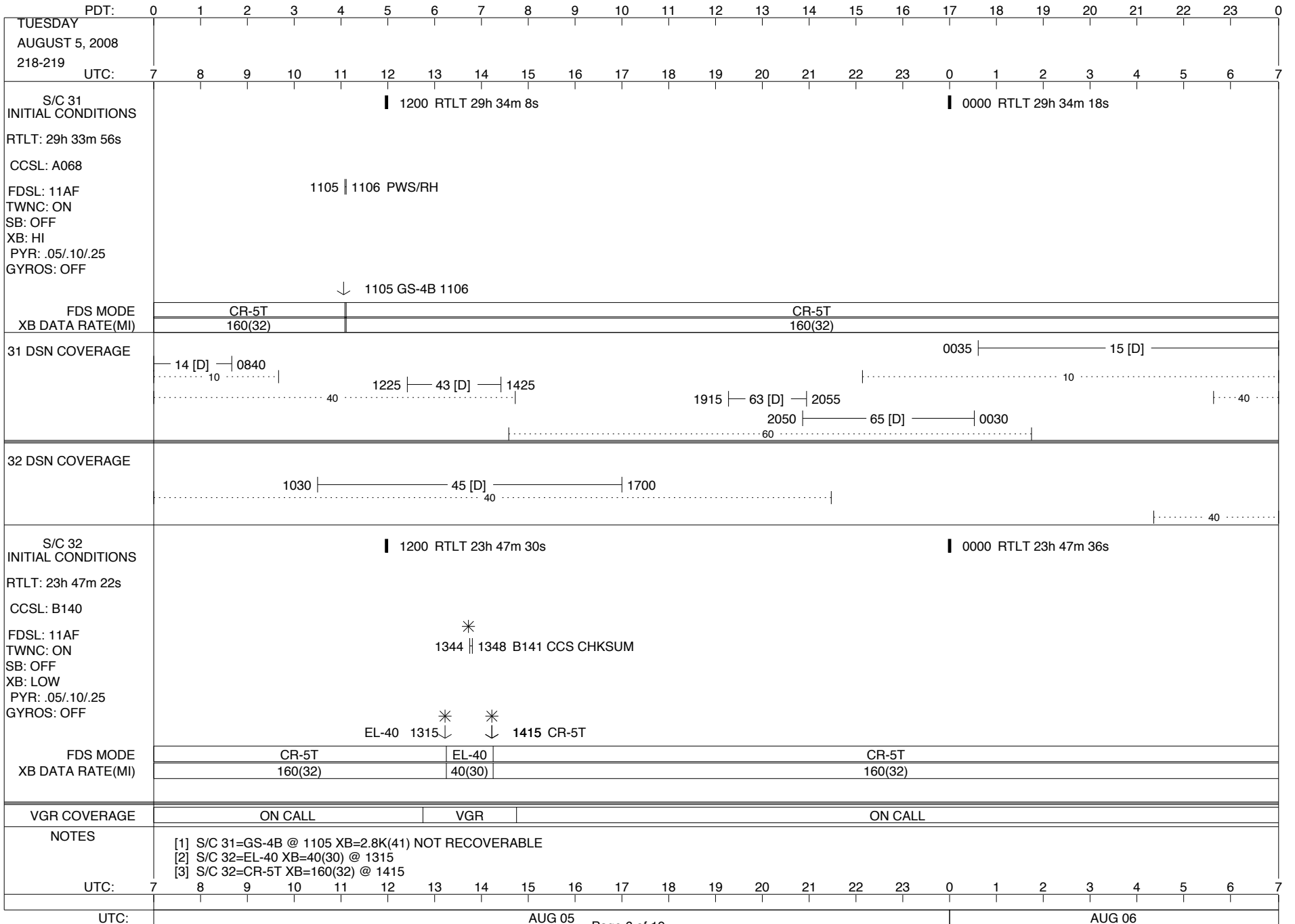


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MONDAY AUGUST 4, 2008 217-218																									
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S/C 31 INITIAL CONDITIONS RTLT: 29h 33m 34s CCSL: A068 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 29h 33m 46s												0000 RTLT 29h 33m 56s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	0720   25 [D]   1030   45 [D]   1300   1520   63 [D]   1735   1805   65 [D]   2350   63 [D]   0235   0425   14 [D]   0445   10   40																								
32 DSN COVERAGE	1045   43 [H]   1725   40																								
S/C 32 INITIAL CONDITIONS RTLT: 23h 47m 8s CCSL: B140 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 23h 47m 14s												0000 RTLT 23h 47m 22s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL						VGR						ON CALL												
NOTES	▼ 1327 EL-40 (13:14) ▼ 1348 CCSL B141A (13:36) ▼ 1415 DUMMY (14:02) ▼ 1427 CR-5T (14:14)																								
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												

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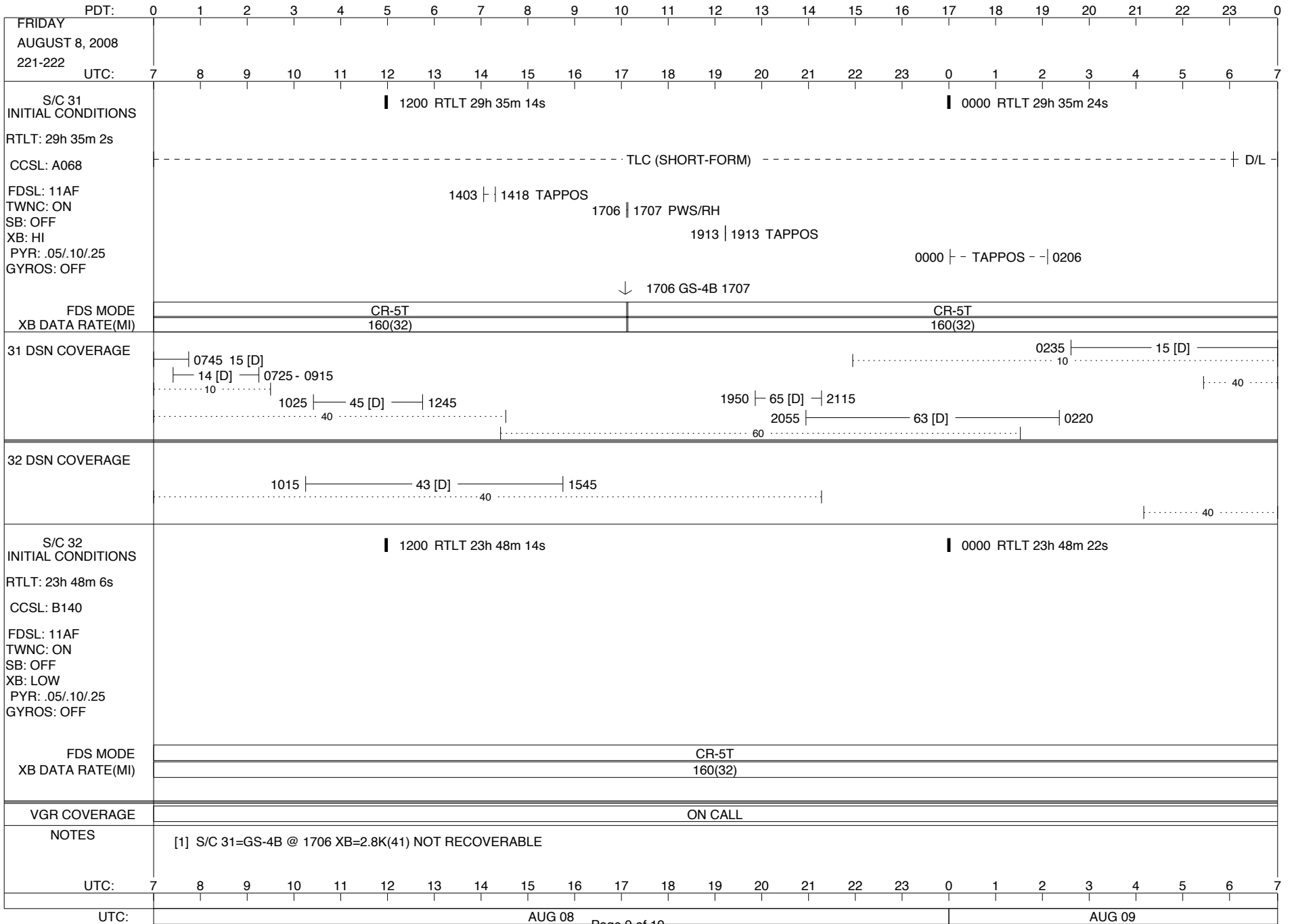




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THURSDAY AUGUST 7, 2008 220-221																										
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S/C 31 INITIAL CONDITIONS RTLT: 29h 34m 40s CCSL: A068 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF	█ 1200 RTLT 29h 34m 50s												█ 0000 RTLT 29h 35m 2s													
													▼ 2015 DUMMY (01:50)													
													U/L 0030   -   - - - - - TLC (SHORT-FORM) - - - - -													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	15 [D]   10   0820												0230   25 [D]   0605   0545   15 [D]													
	40												1925   63   2045   10													
													2045   65 [D]   2355													
													2350   63 [T]   0225   40													
													60													
32 DSN COVERAGE	1030   43 [o1]   1515												1725   45 [D]   2050													
	40												40													
S/C 32 INITIAL CONDITIONS RTLT: 23h 47m 52s CCSL: B140 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLT 23h 48m 0s												█ 0000 RTLT 23h 48m 6s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
VGR COVERAGE	ON CALL												VGR						ON CALL							
NOTES	[1] BACKUP B141 UPLINK TRACK																									
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 07												AUG 08													

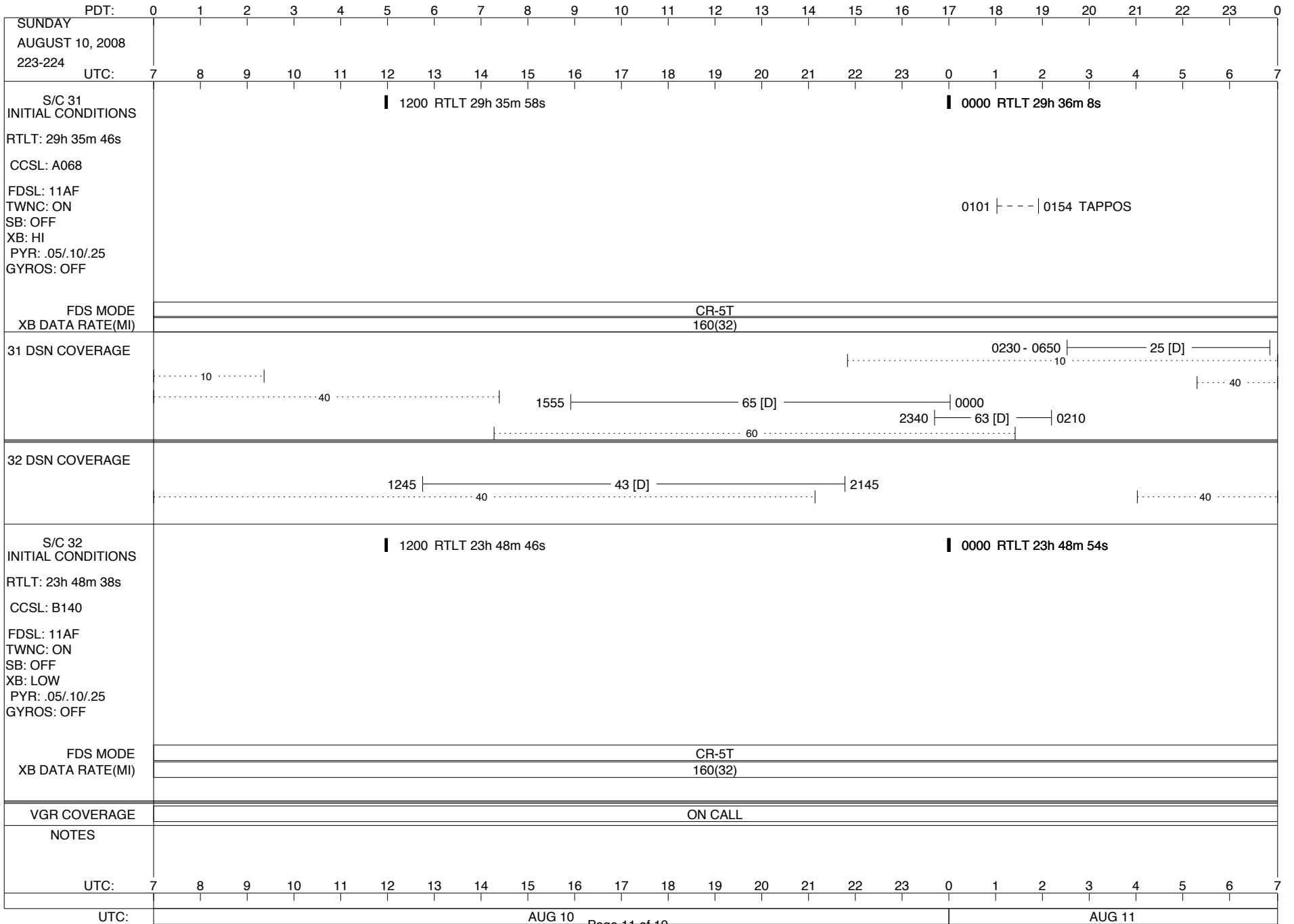
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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
SATURDAY AUGUST 9, 2008 222-223																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 29h 35m 24s CCSL: A068 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF	1200 RTLTL 29h 35m 36s												0000 RTLTL 29h 35m 46s												
	0705 D/L												YAW=.05 0100 ↓												
													0111  -----PLAYBACK-----  0512												
													YAW=.10 0521 ↓												
													↓ 0111												
													↓ 0512												
FDS MODE	CR-5T												PB-14												
XB DATA RATE(MI)	160(32)												1.4K(39)												
31 DSN COVERAGE	15 [D]   0815												0030   14 [DA]   0530												
	.....												0030   24 [DAR]   0530												
	.....40.....												.....10.....												
													1745   65 [D]   0015												
													.....60.....												
32 DSN COVERAGE	1030   45 [D]   1255																								
	1250   43 [D]   1515																								
													1800   43 [D]   2155												
	.....40.....												.....40.....												
S/C 32 INITIAL CONDITIONS RTLTL: 23h 48m 22s CCSL: B140 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 23h 48m 30s												0000 RTLTL 23h 48m 38s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL												VGR												
NOTES													ON CALL												
	[1] S/C 31=PB-14 @ 0110 XB=1.4K(39)																								
	[2] S/C 31=CR-5T @ 0512 XB=160(32)																								
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 09												AUG 10												

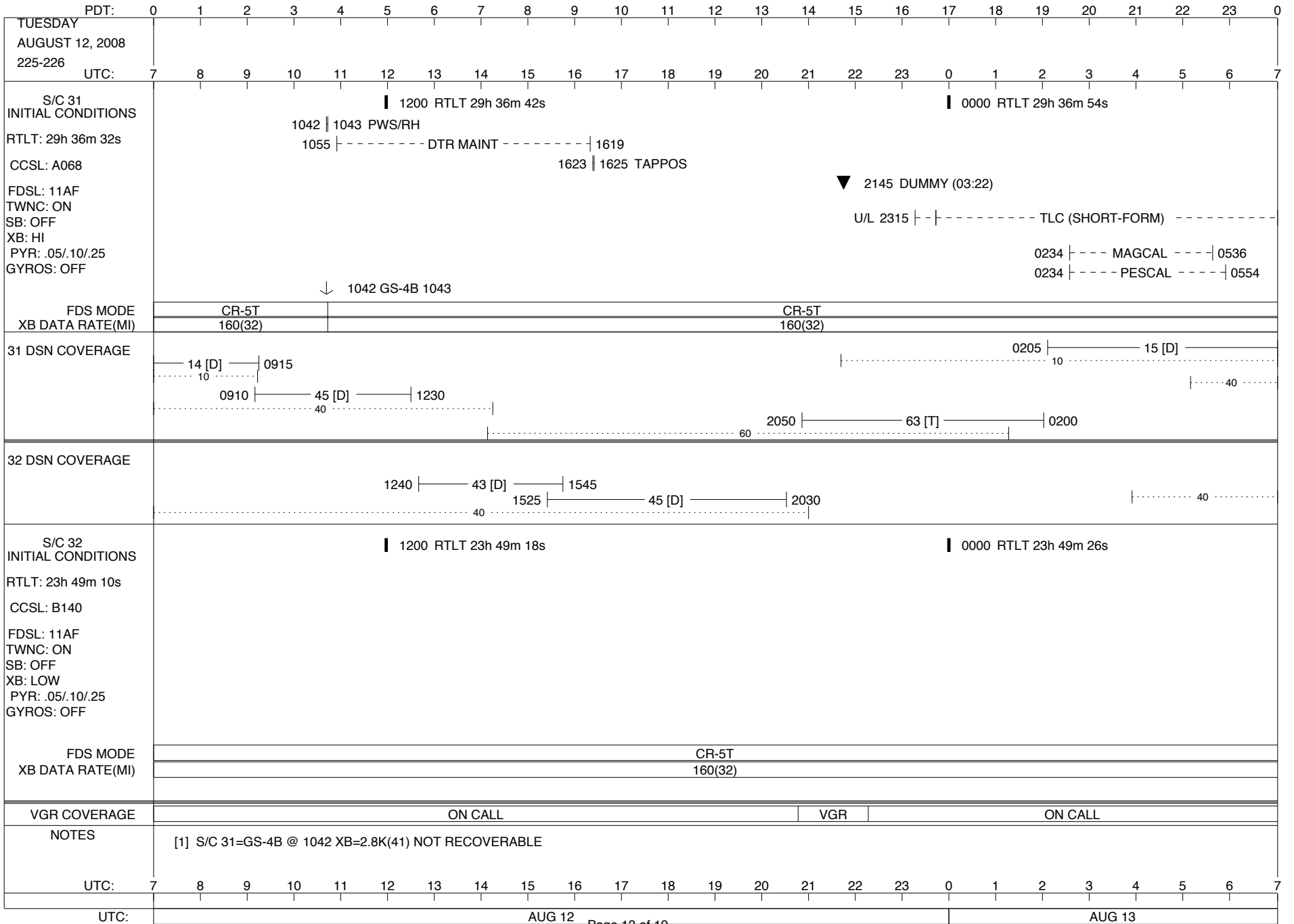
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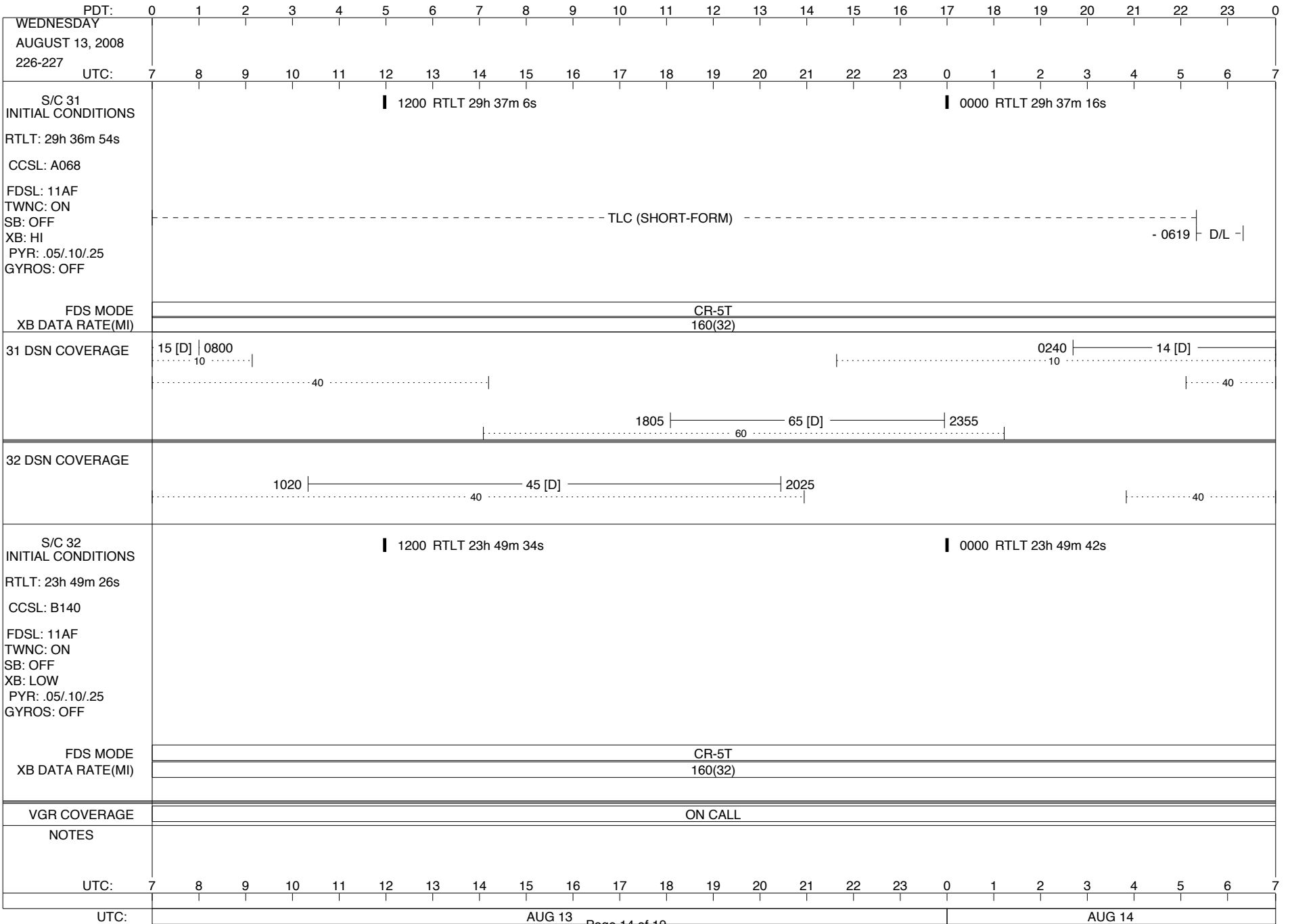
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MONDAY AUGUST 11, 2008 224-225																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLTL: 29h 36m 8s CCSL: A068 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 29h 36m 20s												█ 0000 RTLTL 29h 36m 32s														
FDS MODE	CR-5T																										
XB DATA RATE(MI)	160(32)																										
31 DSN COVERAGE	.....10 .....												0145  ----- 24 [D] -----  0550 0540   14 [D]														
	.....40 .....												.....10 .....														
													2155   65 [D]   2340 2320   63 [D]   0205														
													.....60 .....														
32 DSN COVERAGE	1310  ----- 43 [B] -----  2045																										
	.....40 .....												.....40 .....														
S/C 32 INITIAL CONDITIONS RTLTL: 23h 48m 54s CCSL: B140 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 23h 49m 2s												█ 0000 RTLTL 23h 49m 10s														
													▼ 1607 DUMMY (5 MIN BRACKETED 15:57)														
FDS MODE	CR-5T																										
XB DATA RATE(MI)	160(32)																										
VGR COVERAGE	ON CALL						VGR						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 11													AUG 12													

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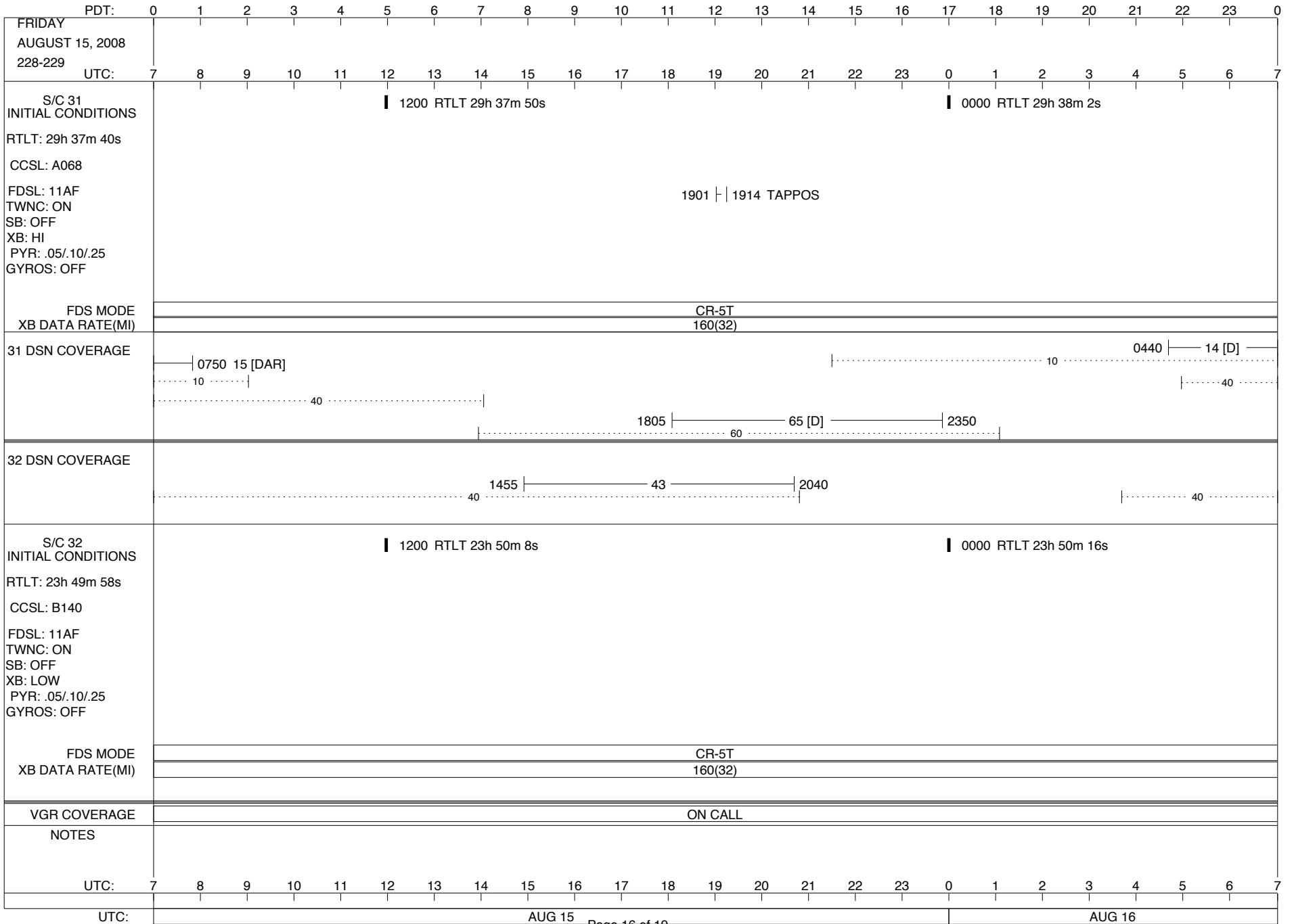
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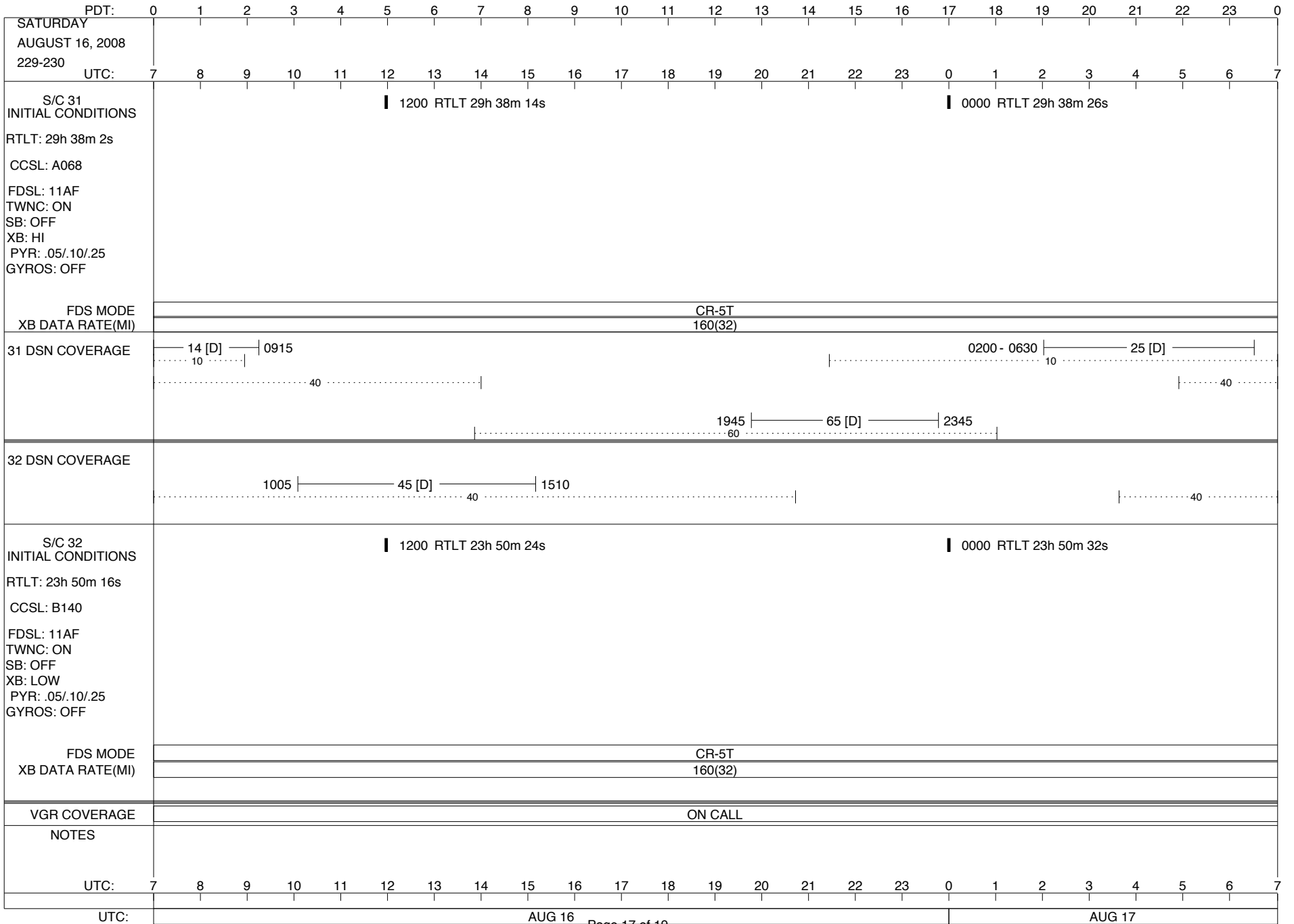




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SUNDAY AUGUST 17, 2008 230-231	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 29h 38m 26s CCSL: A068 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 29h 38m 36s												0000 RTLTL 29h 38m 48s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	..... 10 .....   ..... 40 .....												..... 10 ..... 0425   14 [D]     ..... 40 .....												
32 DSN COVERAGE	..... 1900   65 [D]   2340   ..... 60 .....												1240   43 [D]   2035   ..... 40 .....   ..... 40 .....												
S/C 32 INITIAL CONDITIONS RTLTL: 23h 50m 32s CCSL: B140 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 23h 50m 42s												0000 RTLTL 23h 50m 50s												
FDS MODE XB DATA RATE(MI)													CR-5T 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 17												AUG 18												

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