

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: August 3, 2011

For the Period: 08/04/2011 to 08/22/2011 (11-216– 11-234)

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

**SCIENCE**

**FLIGHT TEAM (14) 600-100**

**DSOT (1) 230-102**

\*Zsarina.Bulchand@jpl.nasa.gov  
 \*gdyke@airmail.ftops.jpl.nasa.gov  
 \*John.M.Grant@jpl.nasa.gov  
 \*dmcclena@airmail.ftops.jpl.nasa.gov  
 \*pquach@airmail.ftops.jpl.nasa.gov  
 \*mrobles@airmail.ftops.jpl.nasa.gov  
 \*rwilliam@airmail.ftops.jpl.nasa.gov

CRS \*bryant@mail630.gsfc.nasa.gov  
 LECP \*r.decker@jhupl.edu  
 UVS \*holberg@argus.lpl.arizona.edu  
 MAG \*u2mha@lepvox.gsfc.nasa.gov  
 PLS \*vgr@space.mit.edu  
 PWS \*wsk@space.physics.uiowa.edu  
 \*Leonard.F.Burlaga@nasa.gov  
 \*Donald-Gurnett@uiowa.edu

Dodd, S.  
 Hall, J.  
 Howard, S. (3)  
 Ludwig, R. (2)  
 Matsumoto, S.  
 Medina, E.  
 Peralta, F.  
 Weeks, T.  
 Wong, R.  
 Yang, L  
 Zottarelli, L.  
 \*odivers1@san.rr.com

**OTHER**

\* KMassej@jgld.gdscc.nasa.gov  
 \* Belinda.Arroyo@jpl.nasa.gov  
 \* !DL-DSN-MPSETA@dsn.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

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 09/08/10

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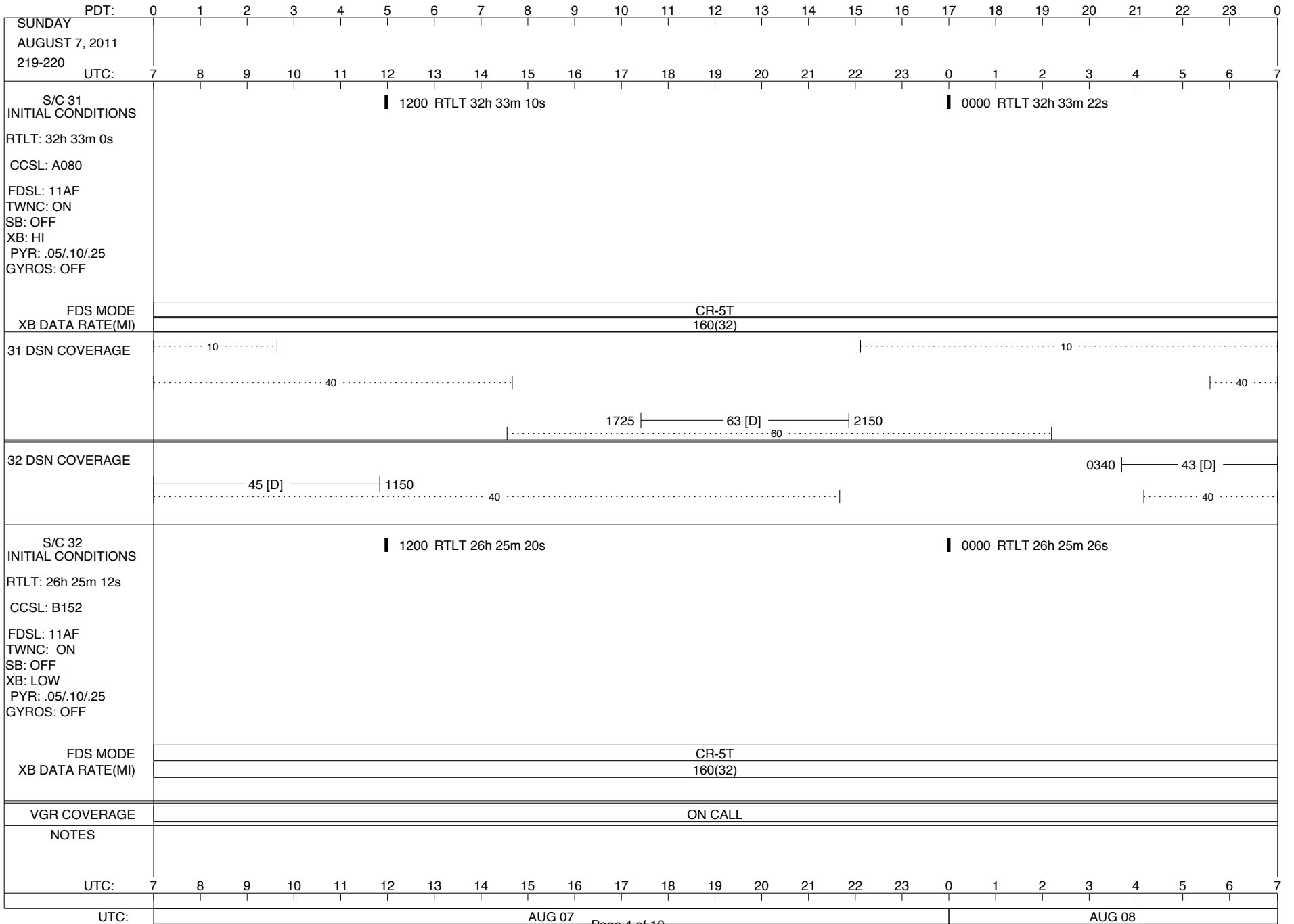
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UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLT: 32h 31m 54s CCSL: A080 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 32h 32m 6s												0000 RTLT 32h 32m 16s														
FDS MODE	CR-5T												CR-5T														
XB DATA RATE(MI)	160(32)												160(32)														
31 DSN COVERAGE	26 [DA]   0820 25 [DAR] 10 .....   ..... 40 .....   ..... 60 .....												0050   ..... 25 [DA] 0050   ..... 26 [DAR] ..... 10 .....   ..... 40 .....														
32 DSN COVERAGE	45 [D]   1110 1410   45 [D]   2035 ..... 40 .....												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	CR-5T												CR-5T														
XB DATA RATE(MI)	160(32)												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												



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SATURDAY AUGUST 6, 2011 218-219	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 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												
	..... 60												..... 60												
32 DSN COVERAGE	0905   43 [D]   1320												..... 40												
	..... 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																									
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												

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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 8, 2011 220-221																									
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 33m 22s CCSL: A080 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 33m 32s												0000 RTLT 32h 33m 44s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	.....10.....										.....10.....0425  -----14 [D]-----														
	.....40.....										.....40.....														
											2145  -----63 [D]----- 0130														
											.....60.....														
32 DSN COVERAGE	-----0740 43 [D]-----										-----0330  -----43 [o]-----														
	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												0000 RTLT 26h 25m 42s												
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 08												AUG 09												



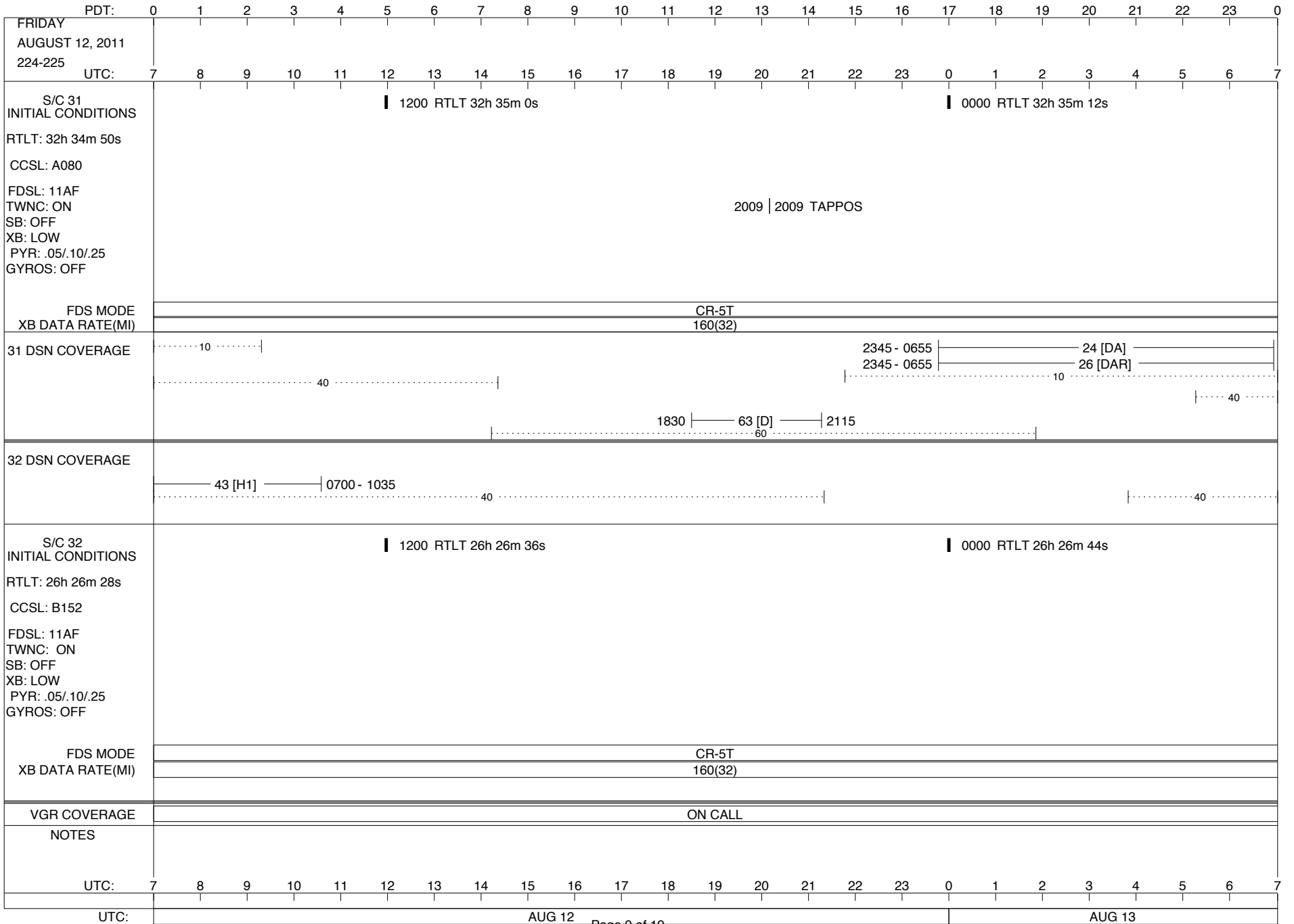
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WEDNESDAY AUGUST 10, 2011 222-223																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLTL: 32h 34m 6s CCSL: A080 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 34m 16s											0000 RTLT 32h 34m 28s															
	TLC (LONG-FORM)											↓ 0115 YAW=.05 - 0642   D/L -  0125  -----PLAYBACK-----  0527 ENA AHELIO RECORDS 0531↓ AHELIO MRO 0531   0532 YAW=.10 0536 ↓ REDUNDANT MRO 0551   0552 X/B LOW POWER 0557 ↓ BAY 1 HTR ON 0601↓ ↓ 0125 ↓ 0527															
FDS MODE	CR-5T											PB-14						CR-5T									
XB DATA RATE(MI)	160(32)											1.4K(39)						160(32)									
31 DSN COVERAGE																											
32 DSN COVERAGE																											
S/C 32 INITIAL CONDITIONS RTLTL: 26h 25m 56s CCSL: B152 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 26h 26m 4s											0000 RTLT 26h 26m 12s															
	* 0709 - 0714 B153 CHKSUM cancelled, HPTXR red * 0740 CR-5T cancelled, HPTXR red																										
FDS MODE												CR-5T															
XB DATA RATE(MI)												160(32)															
VGR COVERAGE	VGR	ON CALL															VGR										
NOTES	[1] S/B 32=CR-5T @ 0740 XB=160(32) [2] S/C 31=PB-14 @ 0125 XB=1.4K(39) [3] S/C 31=CR-5T @ 0527 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 10														AUG 11												



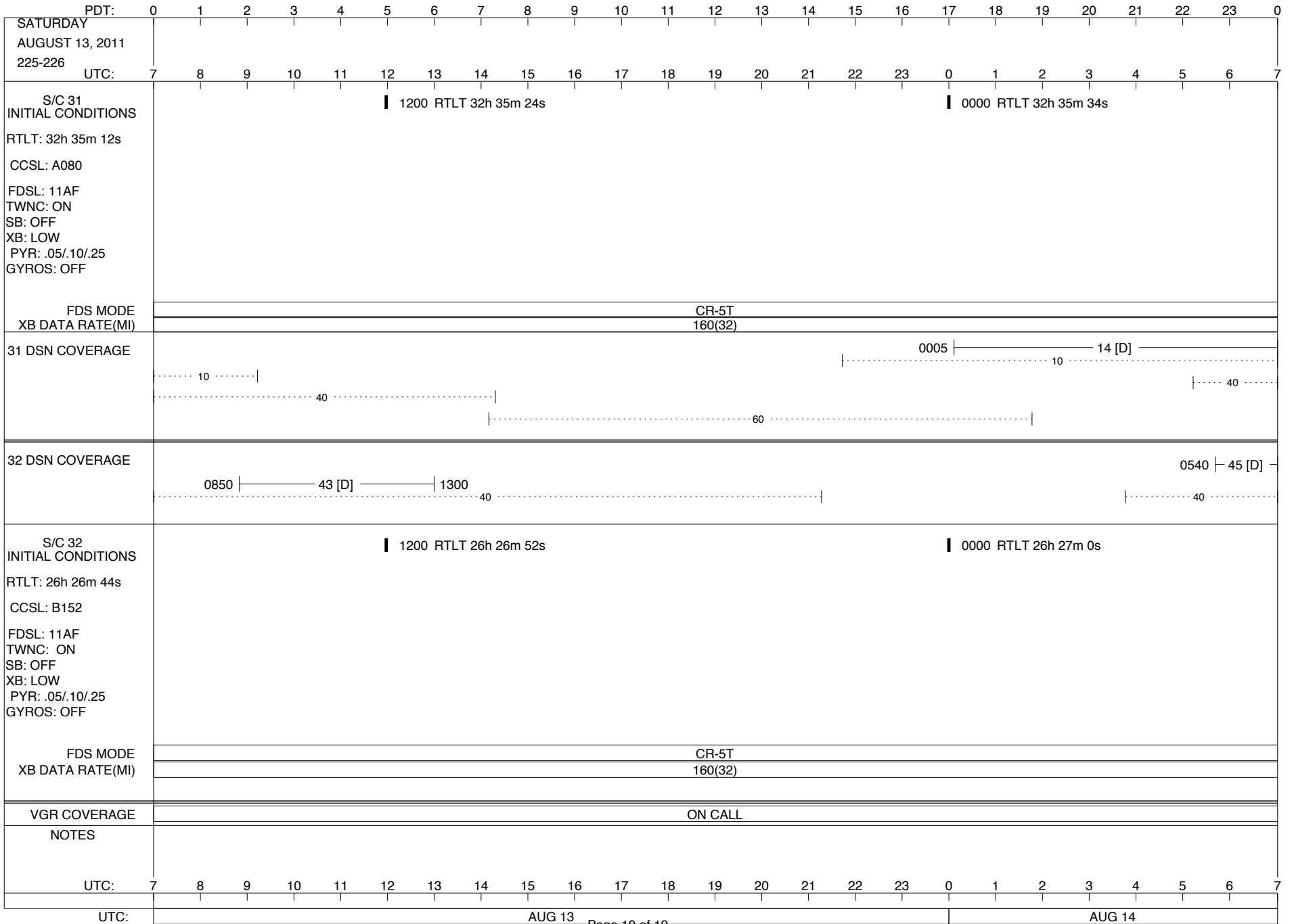
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THURSDAY AUGUST 11, 2011 223-224																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLT: 32h 34m 28s CCSL: A080 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 34m 38s												0000 RTLT 32h 34m 50s														
FDS MODE													CR-5T														
XB DATA RATE(MI)													160(32)														
31 DSN COVERAGE	.....  10 .....												..... 10 .....														
	.....  40 .....												..... 40 .....														
	.....  40 .....												..... 60 .....														
32 DSN COVERAGE	.....  43 [D] .....												..... 43 [H1] 0700 .....														
	.....  40 .....												..... 40 .....														
S/C 32 INITIAL CONDITIONS RTLT: 26h 26m 12s CCSL: B152 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 26h 26m 20s												0000 RTLT 26h 26m 28s														
FDS MODE													CR-5T														
XB DATA RATE(MI)													160(32)														
VGR COVERAGE													ON CALL														
NOTES	[1] B153 BACKUP U/L 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 11														AUG 12												

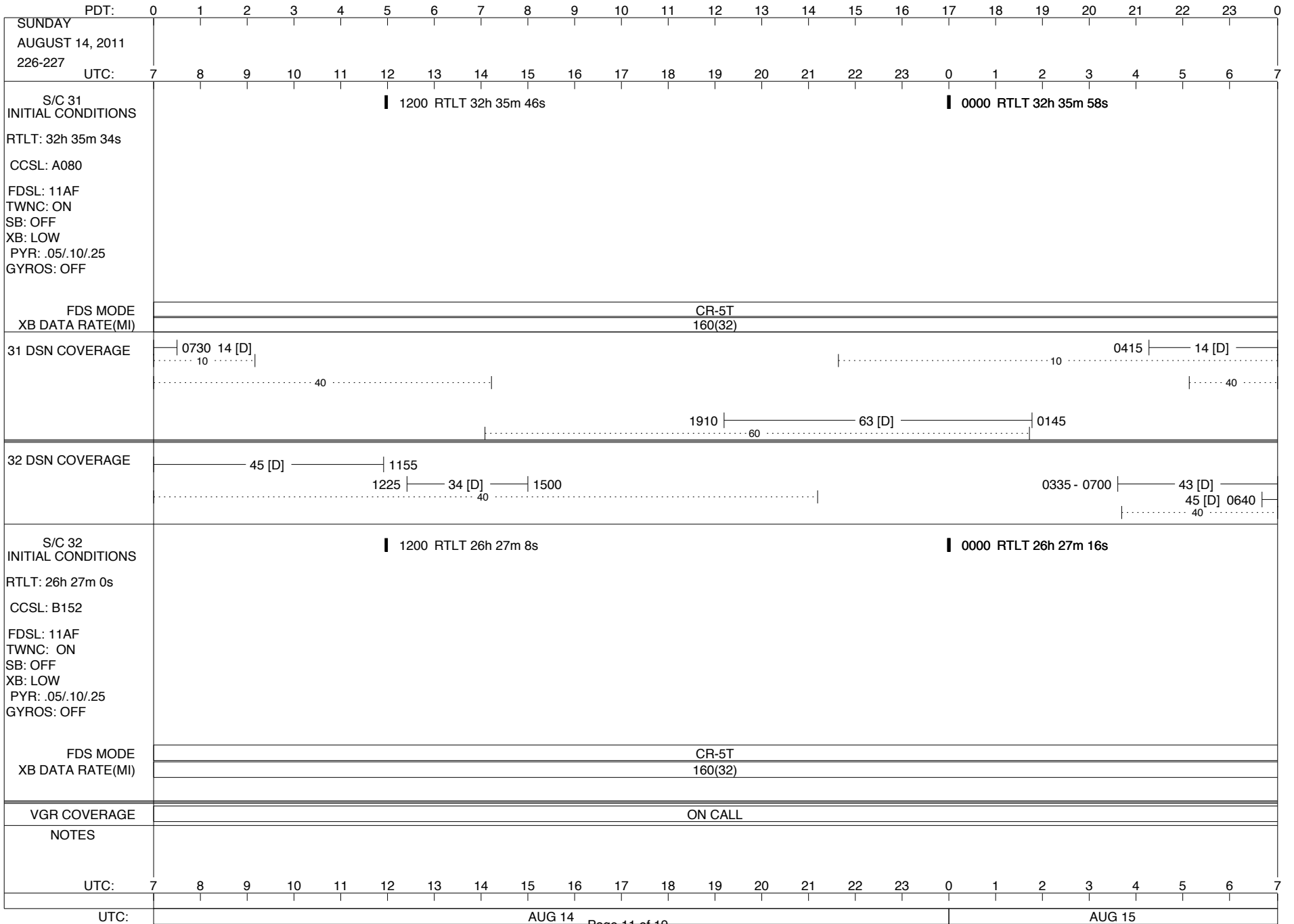
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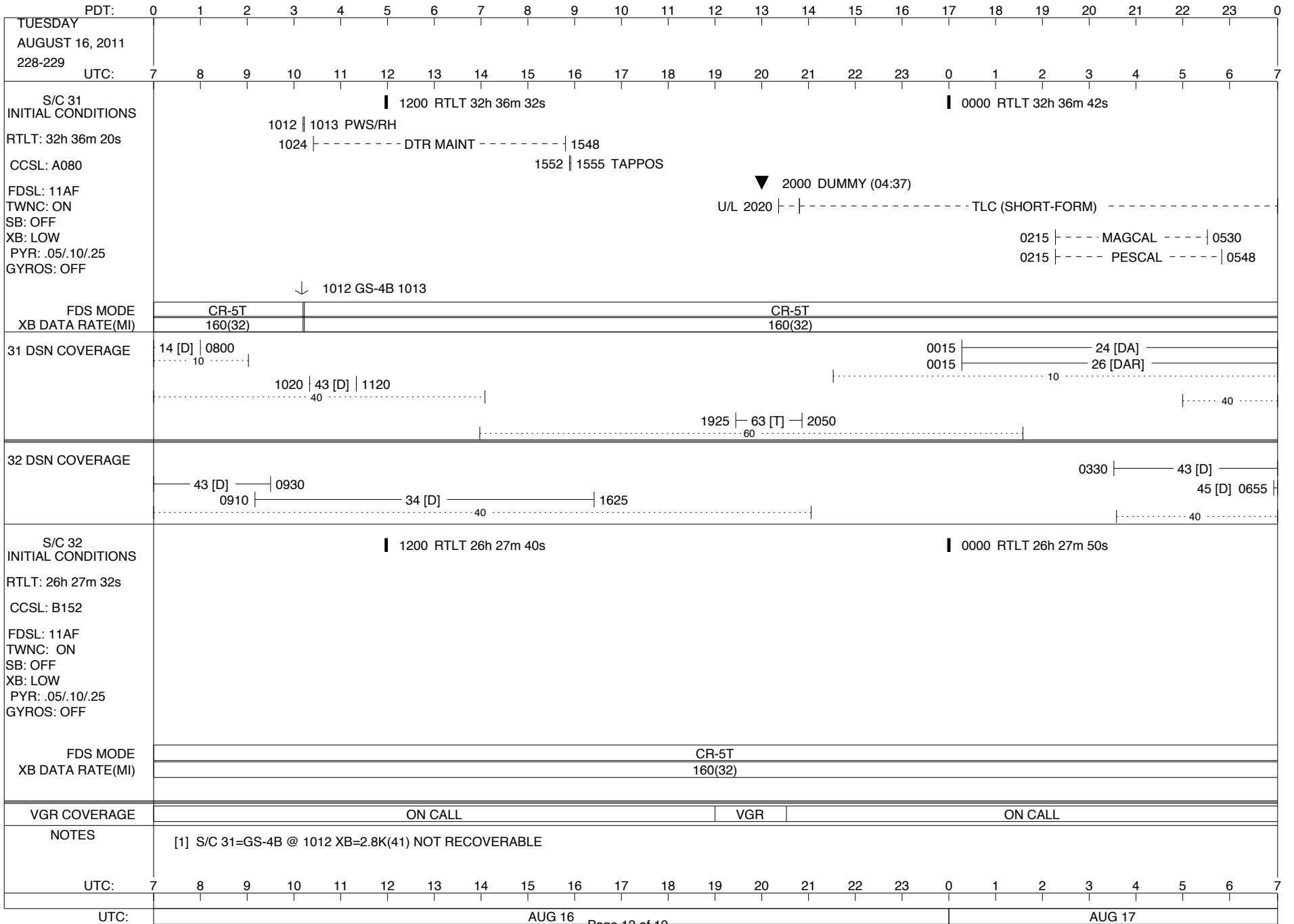


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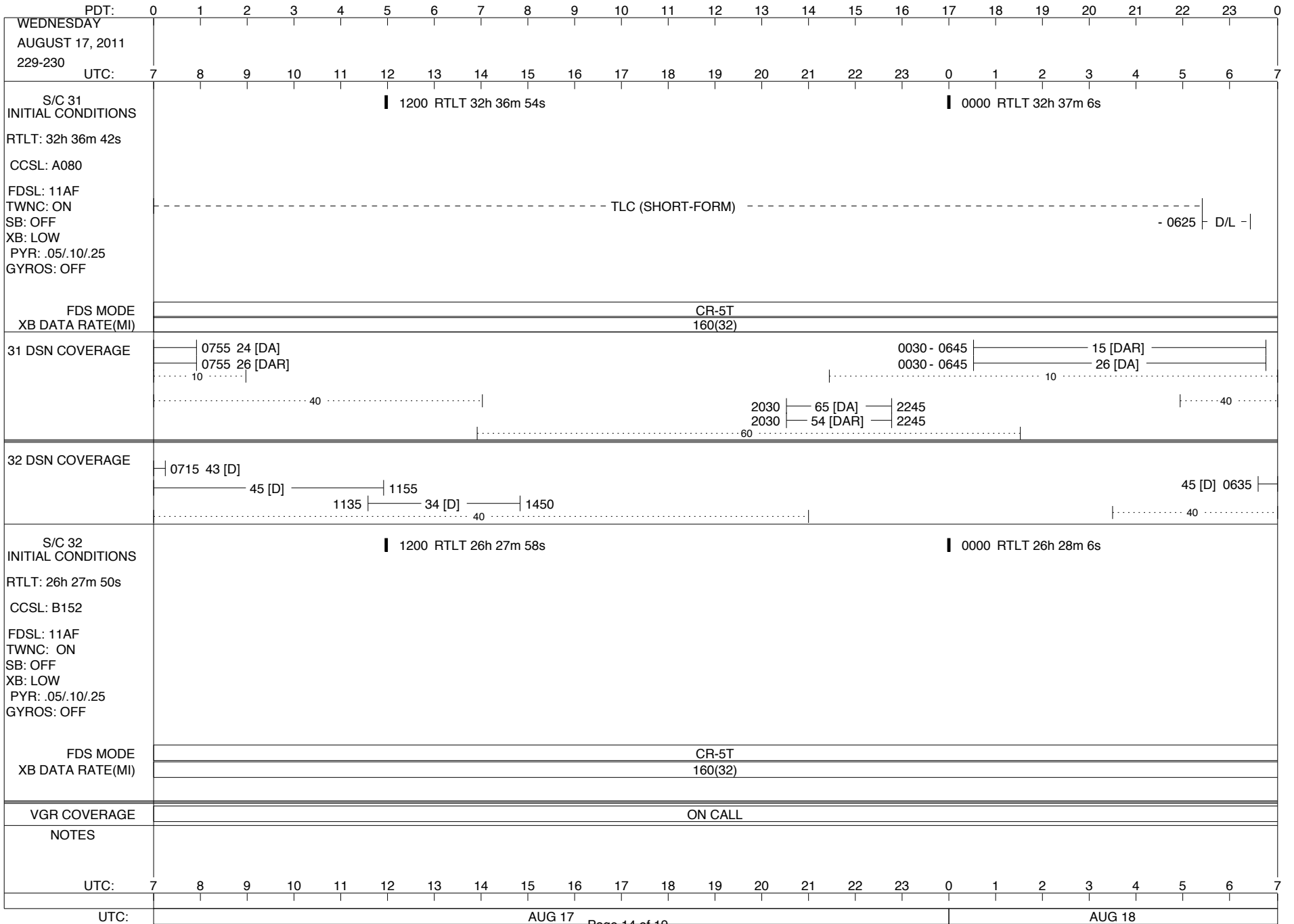


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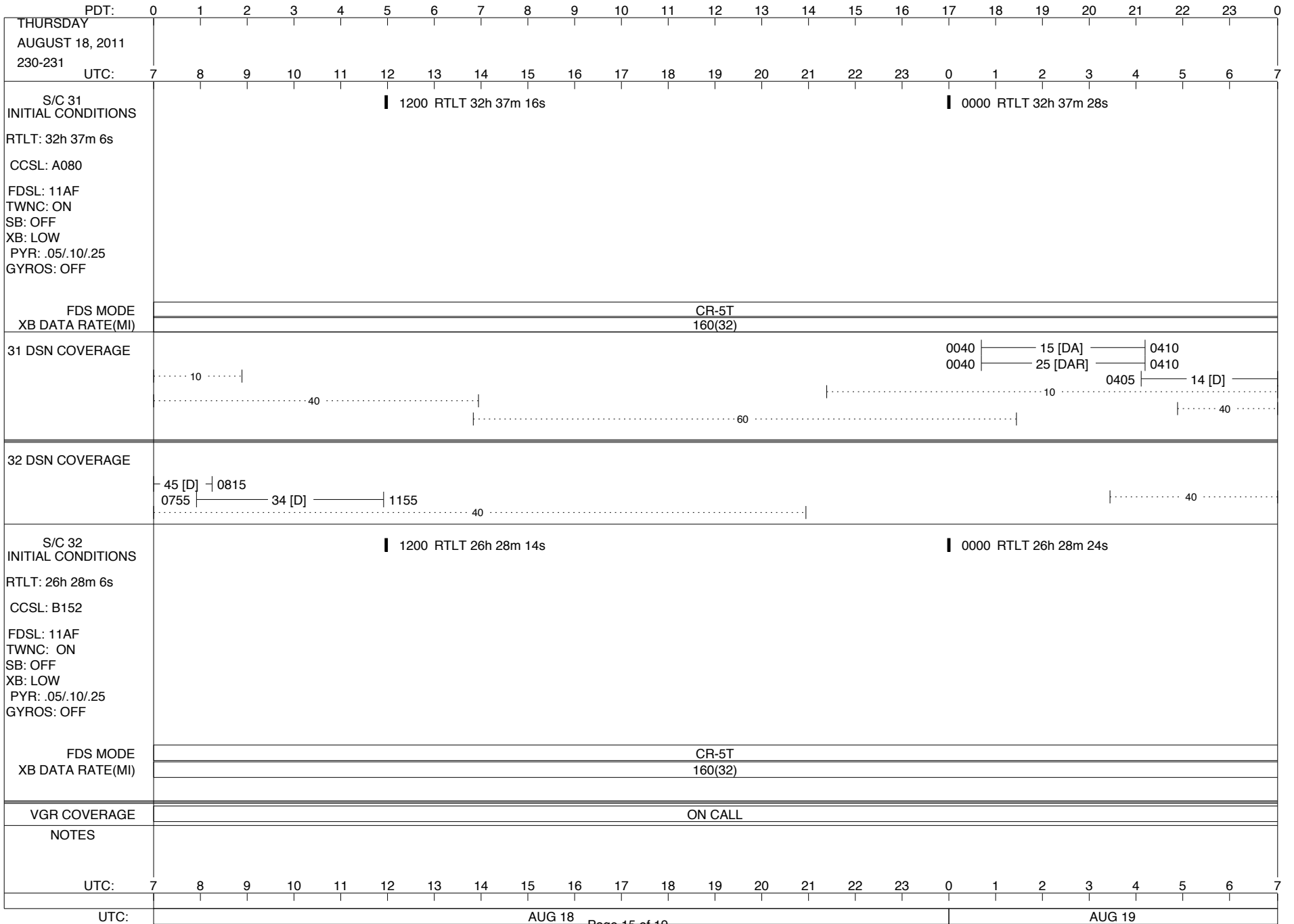
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MONDAY AUGUST 15, 2011 227-228																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 32h 35m 58s CCSL: A080 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 32h 36m 8s												0000 RTLT 32h 36m 20s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	14 [D] 0905 .....10..... .....40.....												2340 14 [D] .....10..... .....60..... .....40.....												
32 DSN COVERAGE	0700 43 [D] .....45 [D] 1905 .....40.....												43 [D] 0630 .....40.....												
S/C 32 INITIAL CONDITIONS RTLT: 26h 27m 16s CCSL: B152 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 26h 27m 24s												0000 RTLT 26h 27m 32s												
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 15												AUG 16												



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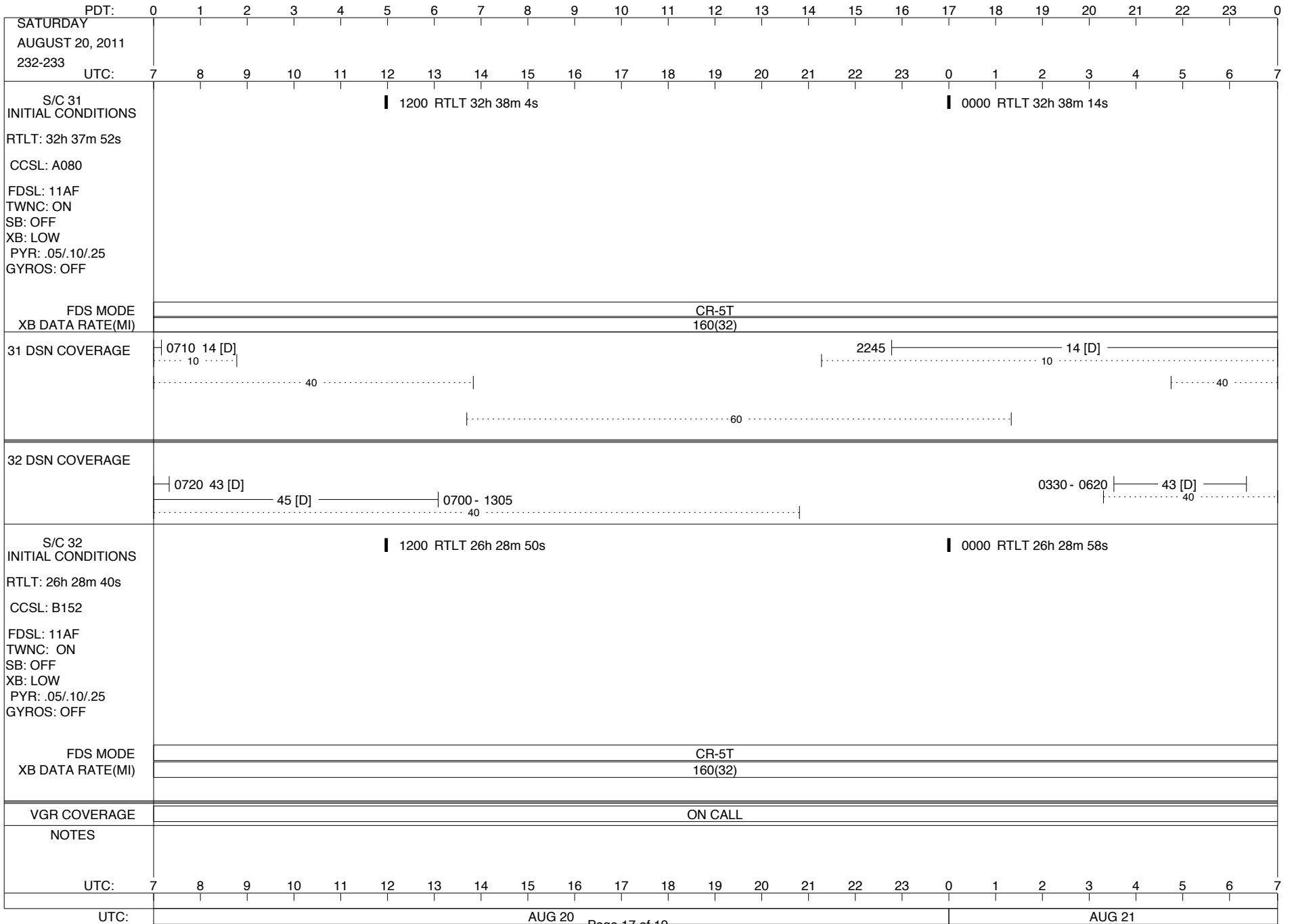
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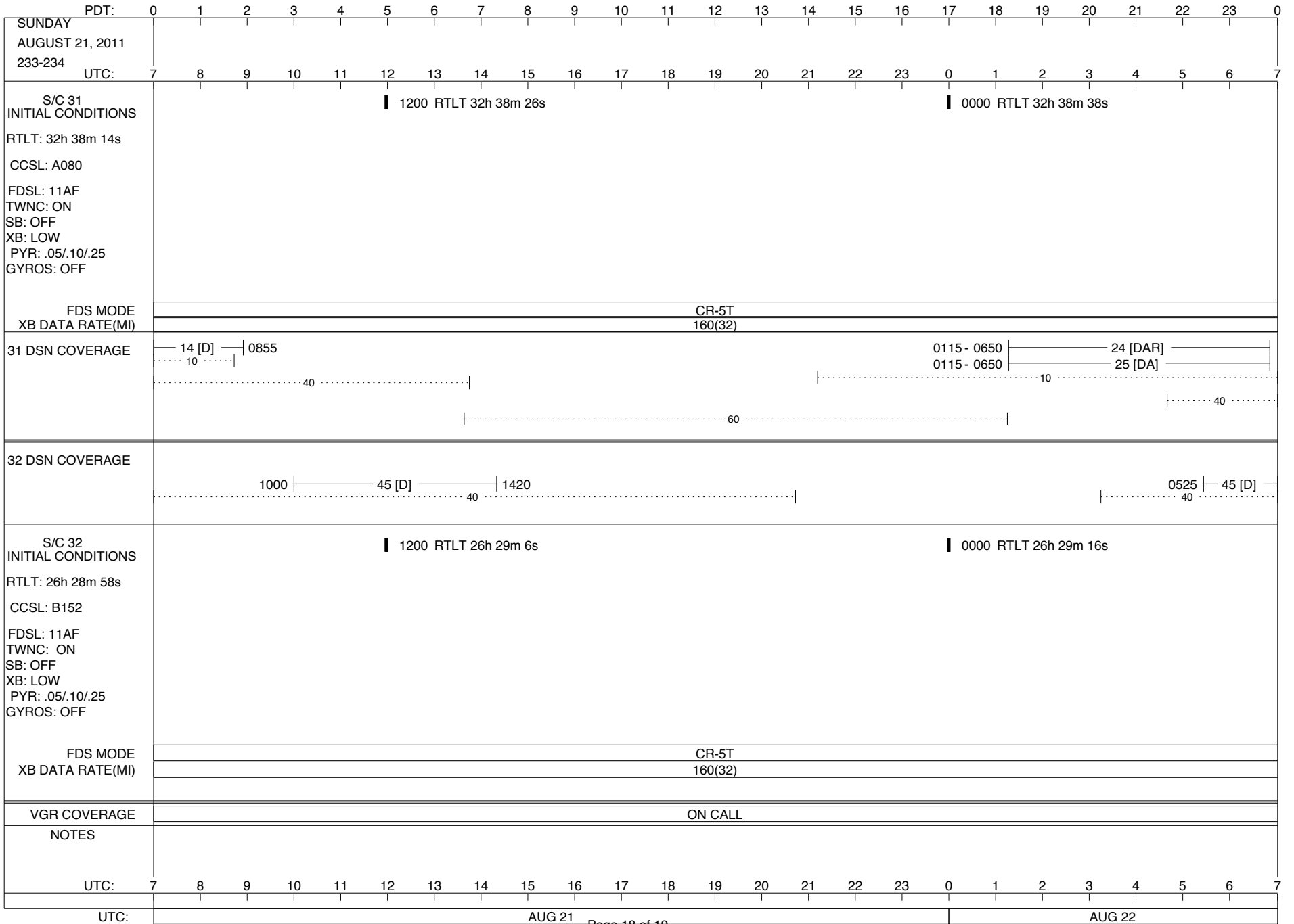




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MONDAY AUGUST 22, 2011 234-235																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLT: 32h 38m 38s CCSL: A080 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 38m 50s																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	.....10 .....  ..... 40 .....																										
32 DSN COVERAGE	..... 45 [D] .....  1740 ..... 40 .....																										
S/C 32 INITIAL CONDITIONS RTLT: 26h 29m 16s CCSL: B152 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 26h 29m 24s																										
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 22													AUG 23													