

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: January 5, 2011

For the Period: 01/06/2011 to 01/24/2011 (11-006 – 11-024)

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

**SCIENCE**

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

**DSOT (1) 230-102**

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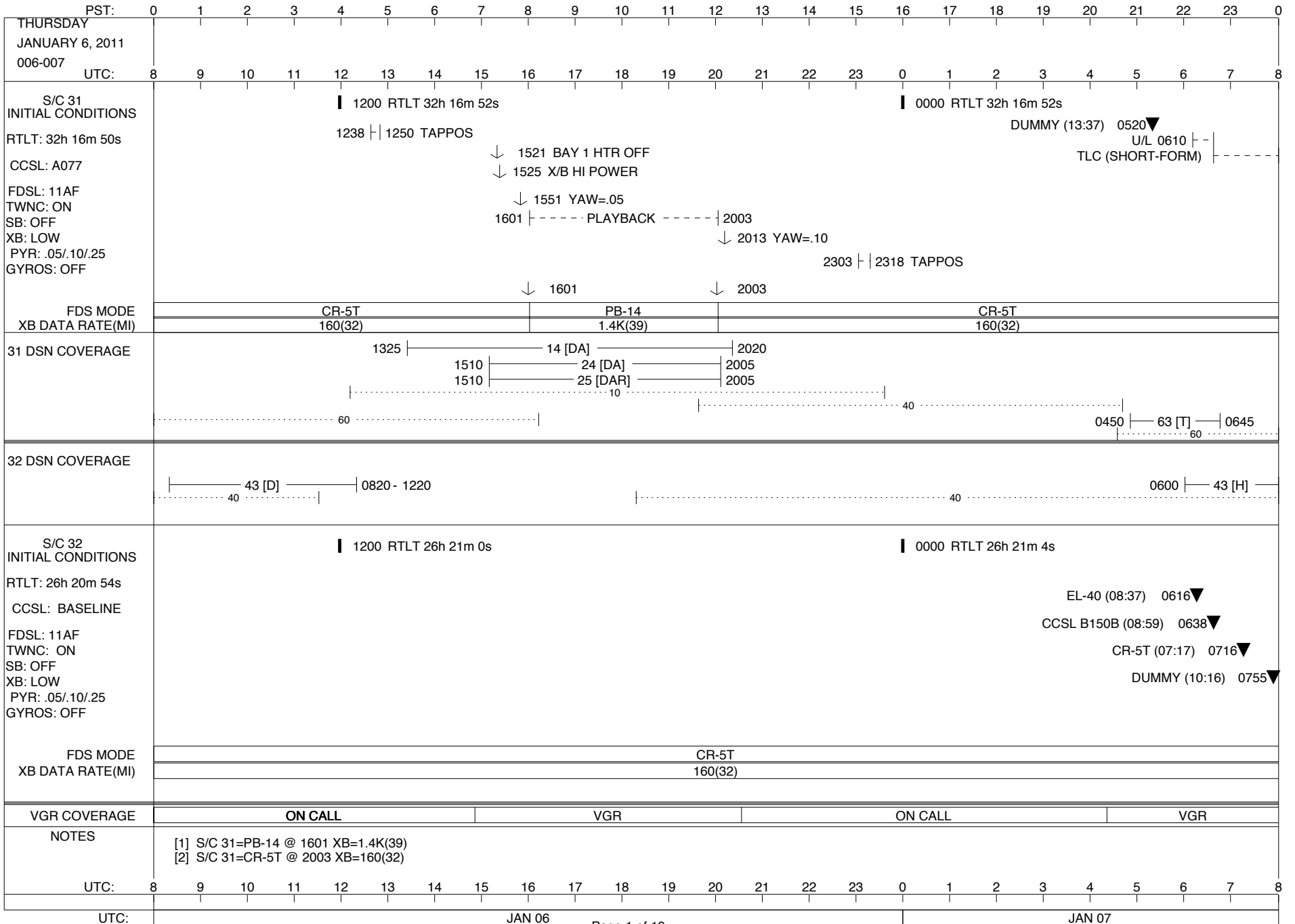
Dodd, S.  
 Hall, J.  
 Howard, S. (3)  
 Ludwig, R. (2)  
 Matsumoto, S.  
 Medina, E.  
 Peralta, F.  
 Weeks, T.  
 Wong, R.  
 Yang, L  
 Zottarelli, L.  
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**OTHER**

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

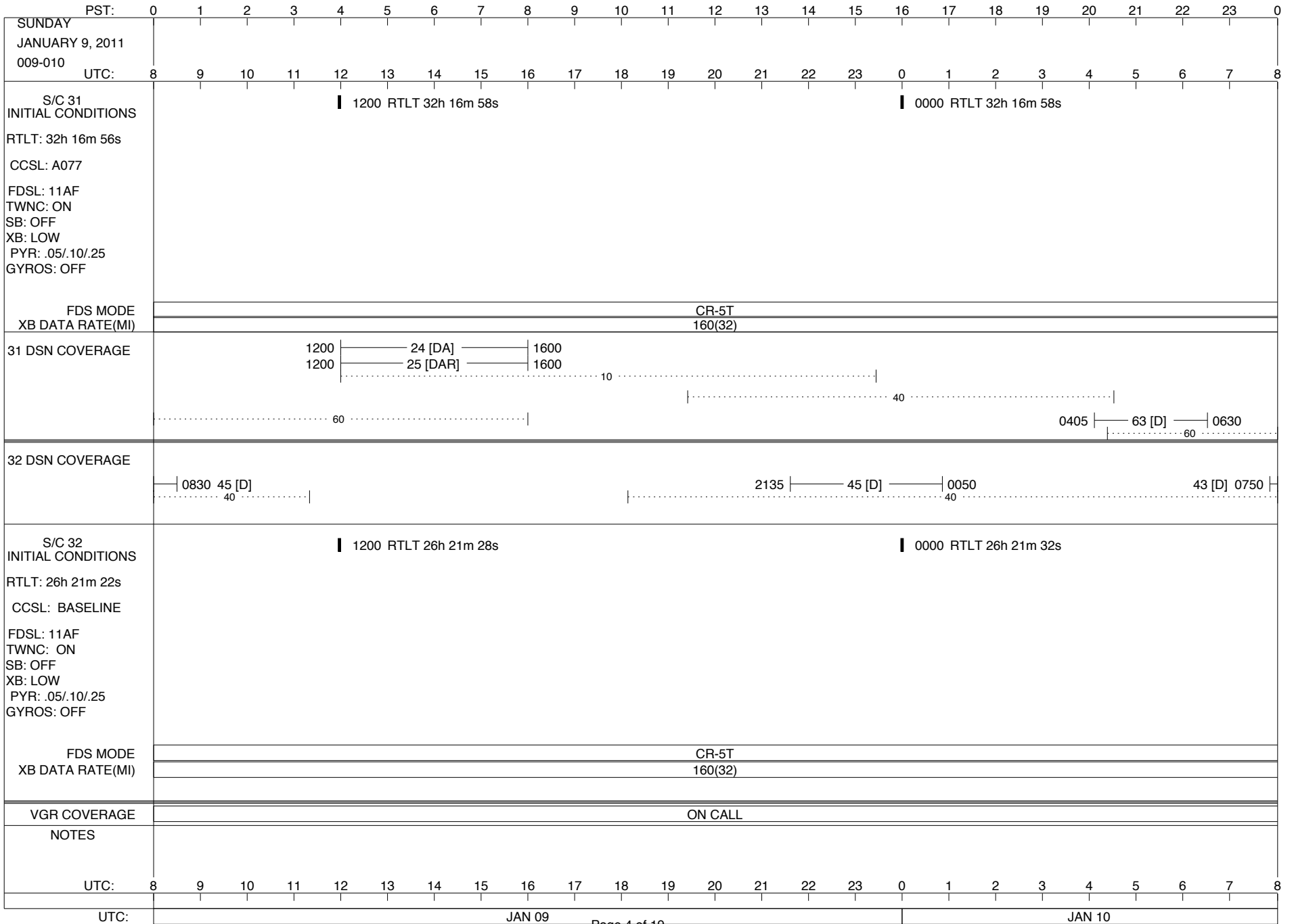
**LEGEND:**  
 ▽ = R/T Command (Last chance or Contingency)  
 ▼ = R/T Command (Scheduled)  
 \* = Result of R/T Command  
 n = (where n = 1,2,3 ..) Special Note, see bottom of page  
 A = Arrayed station  
 B = 7-Point BLF  
 D = Downlink only pass  
 H = High Power Transmitter  
 R = Array Reference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

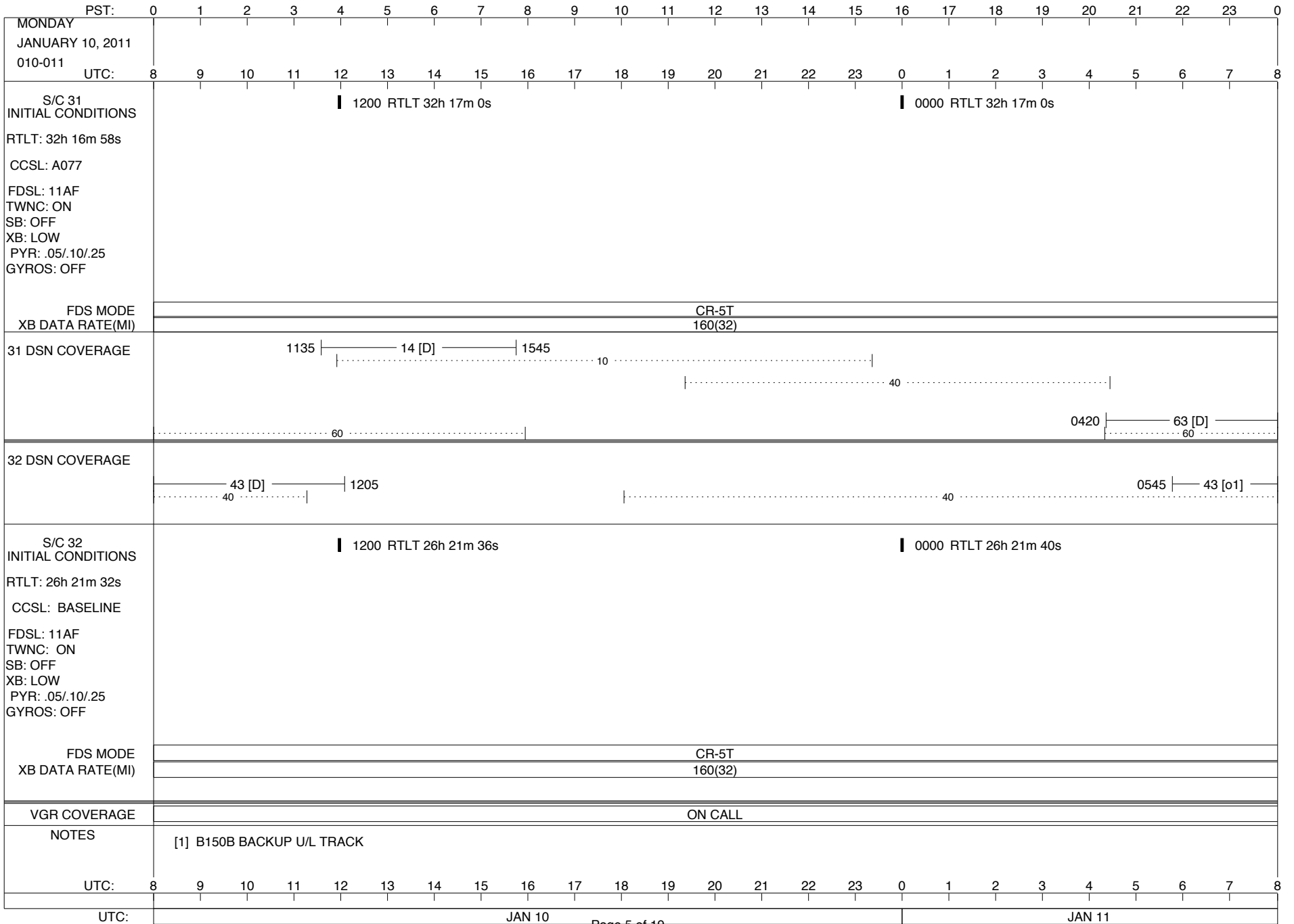
\*Electronic Copy Only  
 (16 – Dist/N: Paper Copies)  
 09/08/10





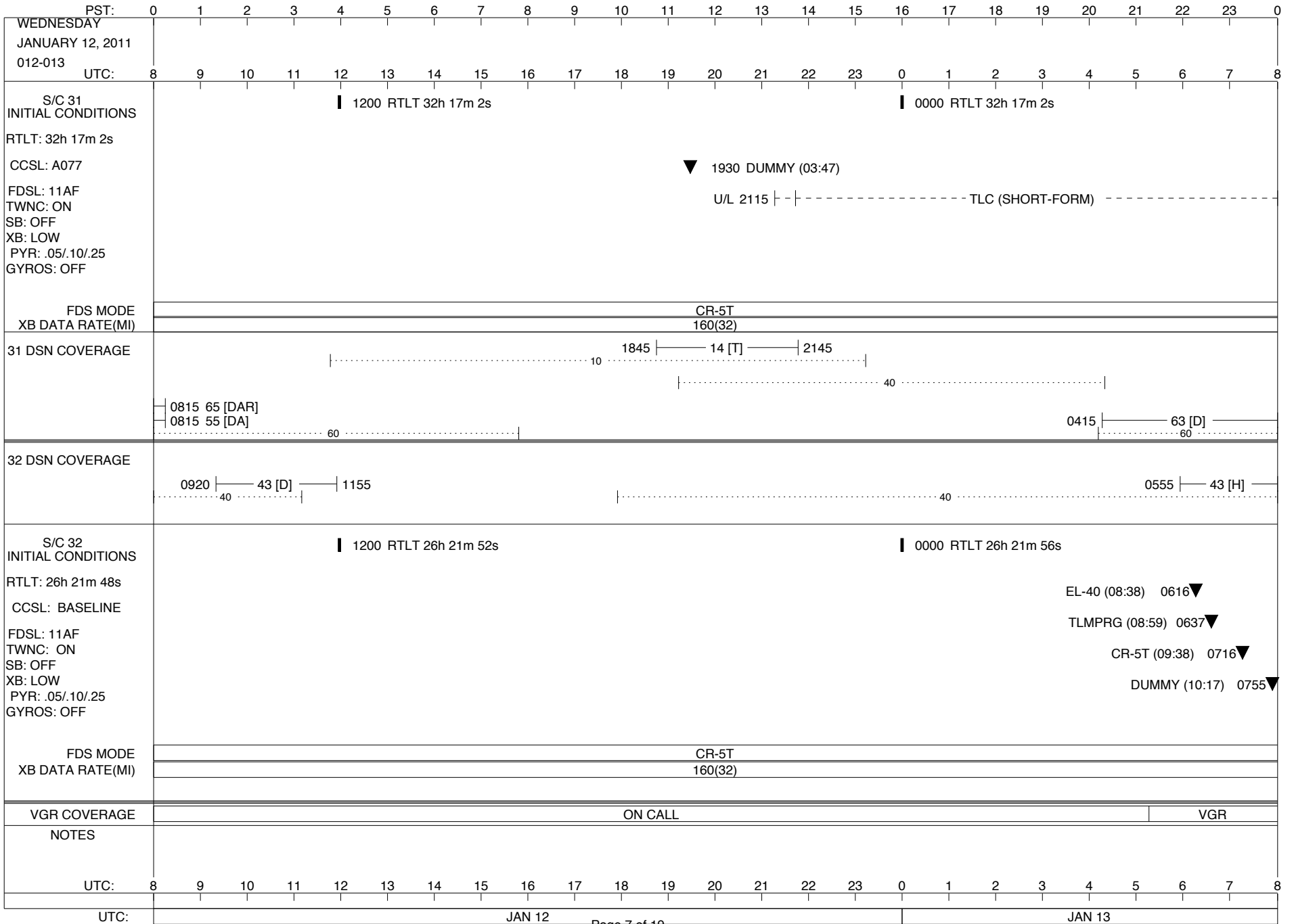
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SATURDAY JANUARY 8, 2011 008-009	UTC: 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 32h 16m 54s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 16m 56s												0000 RTLT 32h 16m 56s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	1145  -----  14 [D]  -----  1555												2000  -----  14 [D]  -----  2345												
32 DSN COVERAGE	43 [D]  -----  0820 - 1210												0335  -----  45 [D]  -----												
S/C 32 INITIAL CONDITIONS RTLT: 26h 21m 14s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 26h 21m 18s												0000 RTLT 26h 21m 22s												
FDS MODE XB DATA RATE(MI)	EL-40 40(30)												CR-5T 160(32)												
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 32=EL-40 XB=40(30) @ 0838 [2] S/C 32=CR-5T XB=160(32) @ 0938																								
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:	JAN 08												JAN 09												





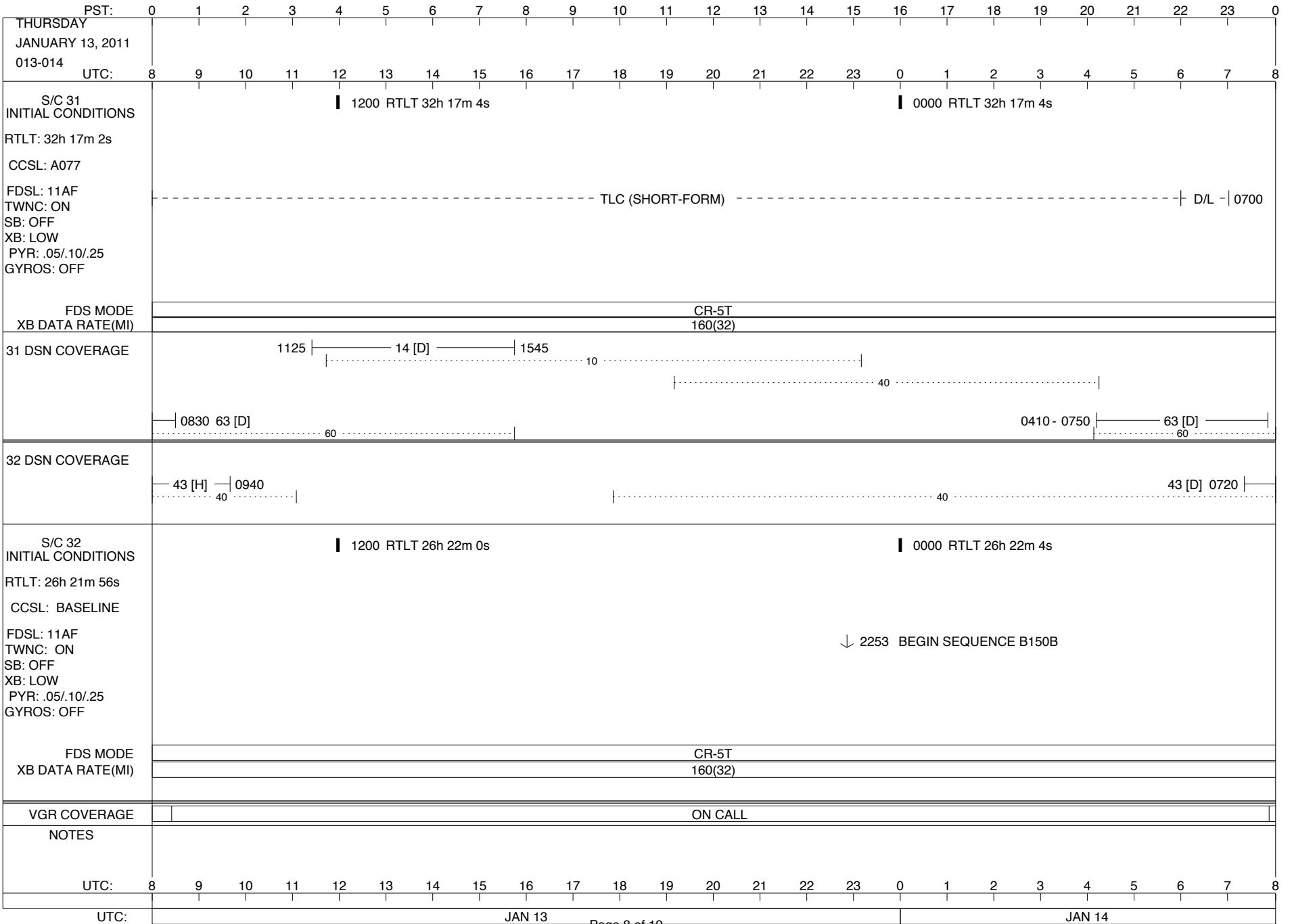
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TUESDAY JANUARY 11, 2011 011-012	UTC: 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 32h 17m 0s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 32h 17m 2s												█ 0000 RTLT 32h 17m 2s												
	↓ 1727 ENABLE AHELIO RECORDS																								
	↓ 1728 AHELIO SID MRO																								
	↓ 1828 AHELIO SID MRO																								
	2227   2228 PWS/RH																								
	↓ 2227 GS-4B 2228																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	-----  10												-----  40												
	-----  60												0415  -----  65 [DAR]												
	-----  60												0415  -----  55 [DA]												
	-----  60												-----  60												
32 DSN COVERAGE	-----  40												0200  -----  40												
	-----  40												-----  40												
	-----  40												-----  40												
S/C 32 INITIAL CONDITIONS RTLT: 26h 21m 40s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 26h 21m 44s												█ 0000 RTLT 26h 21m 48s												
													0241   PLSCAL -   0423												
													0241   --- MAGCAL ---   0543												
													0241   --- PESCAL ---   0601												
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 @ 2227 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:	JAN 11												JAN 12												

ISSUE DATE: 01/06/11 16:39



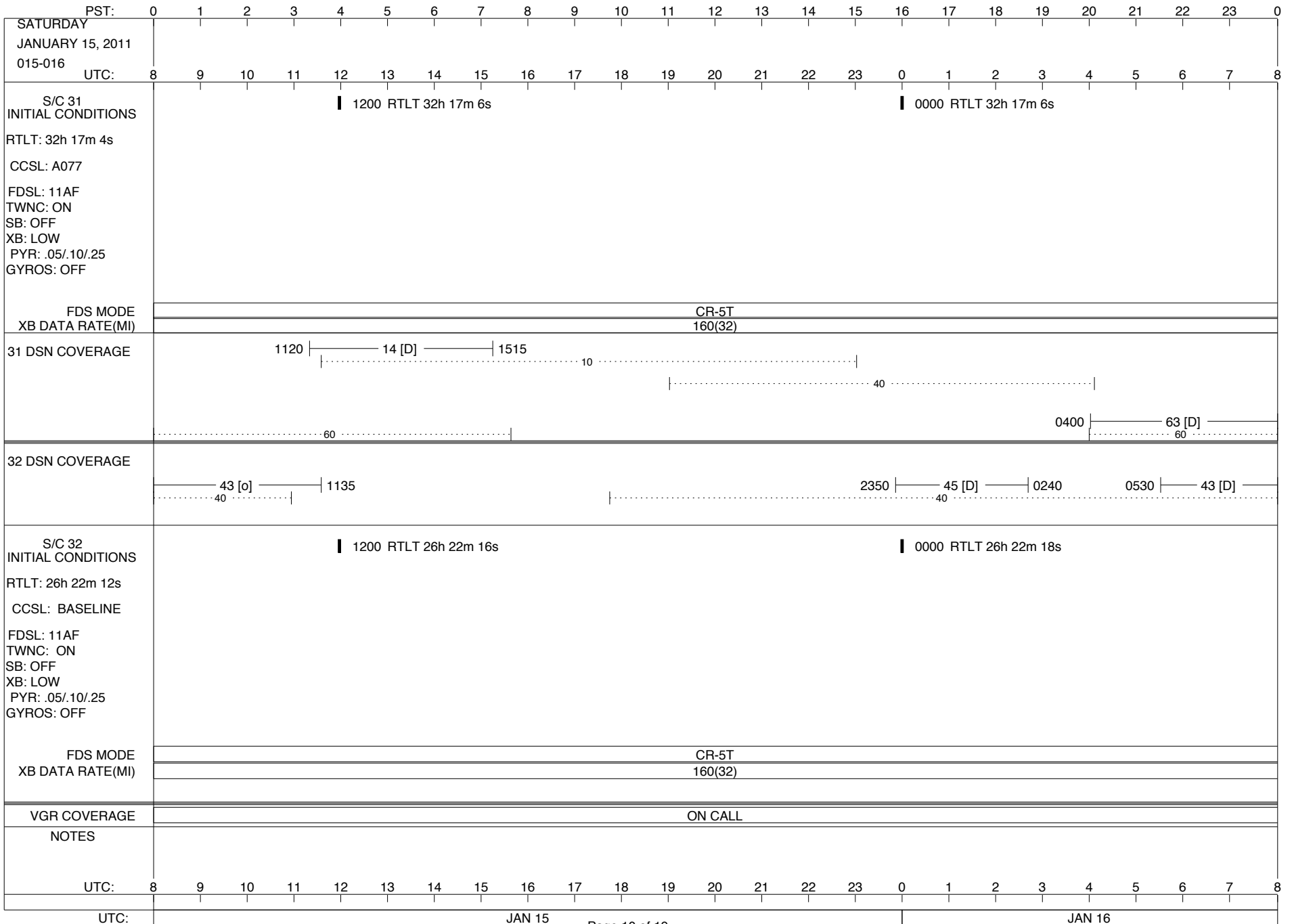


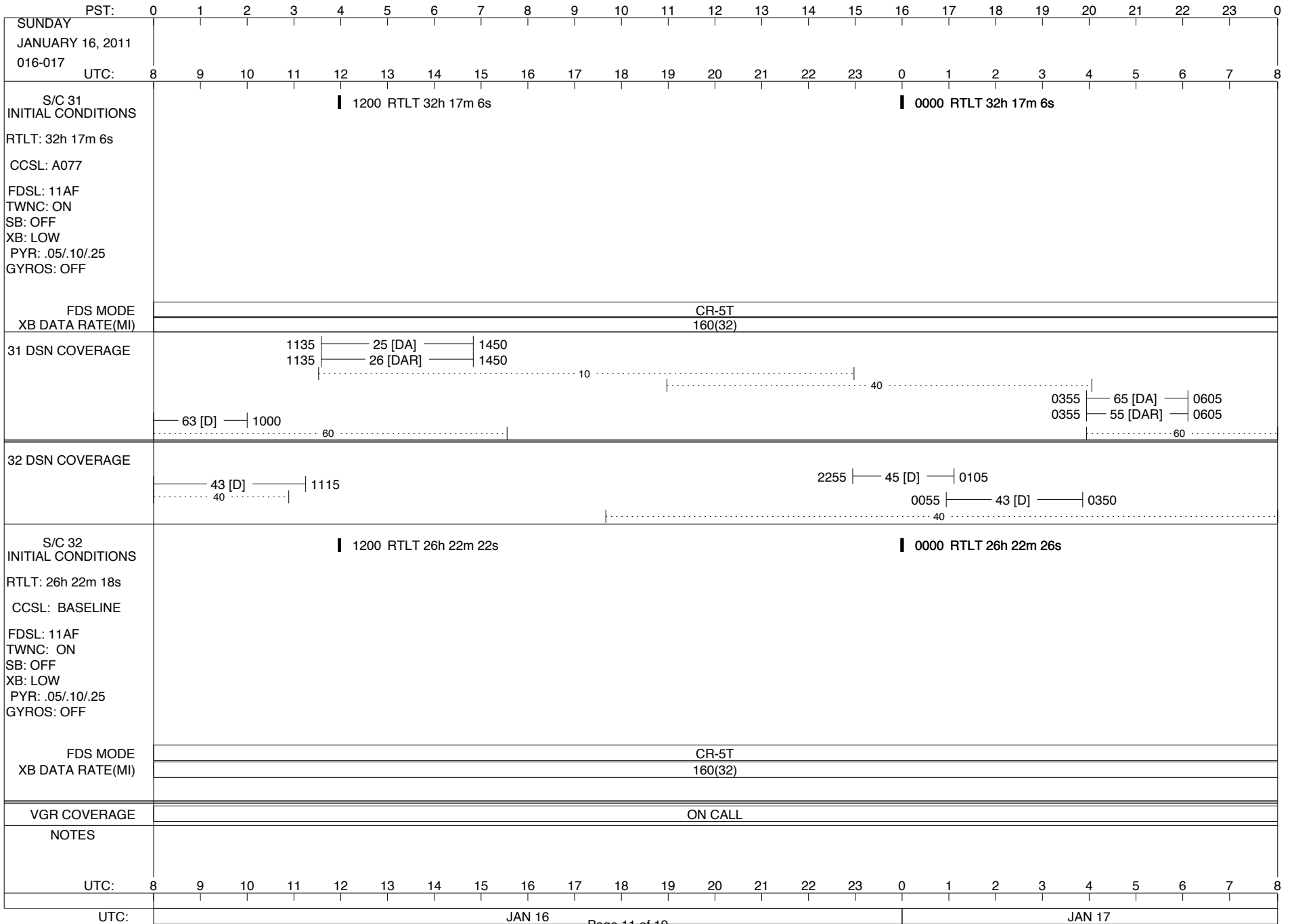
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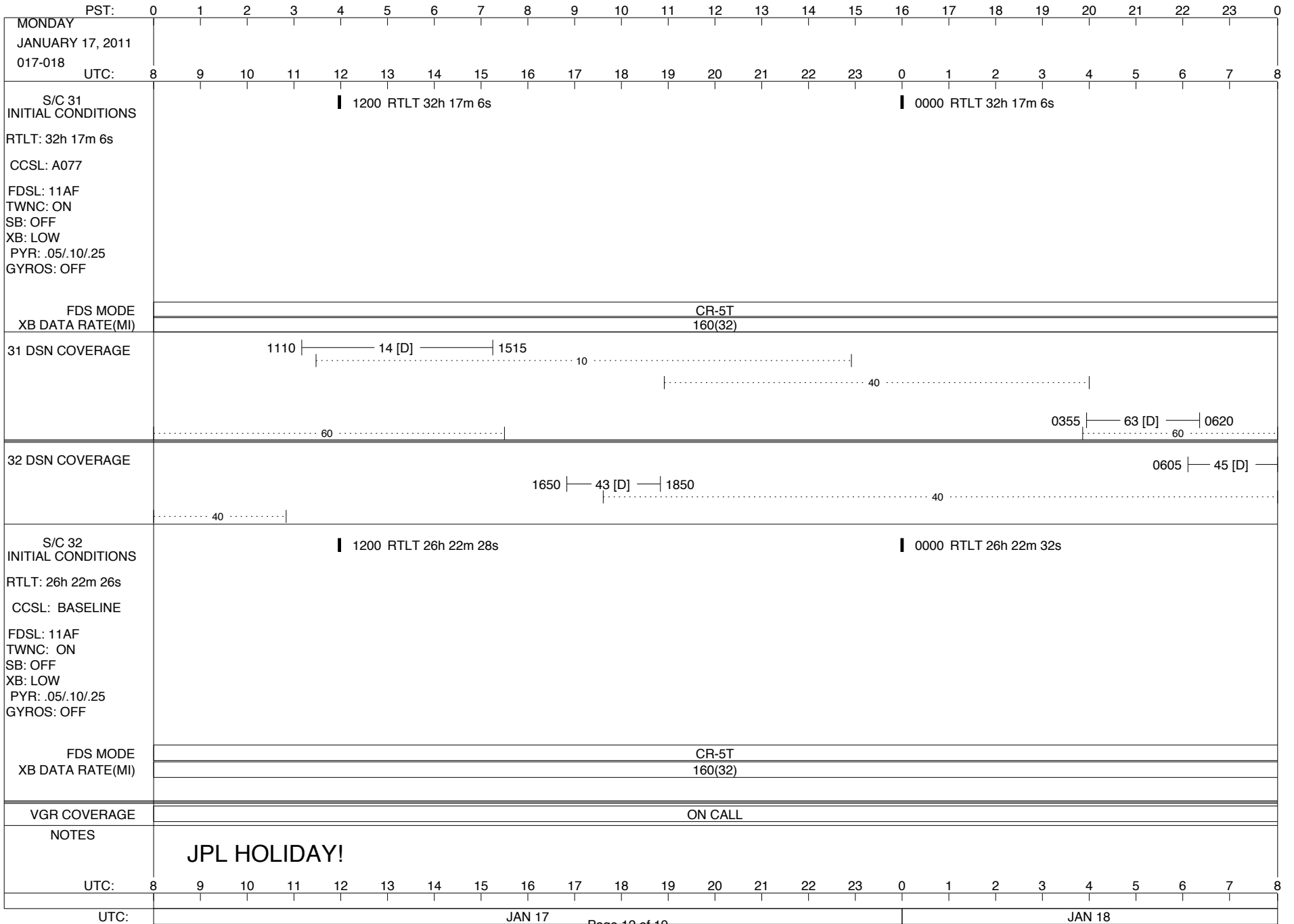


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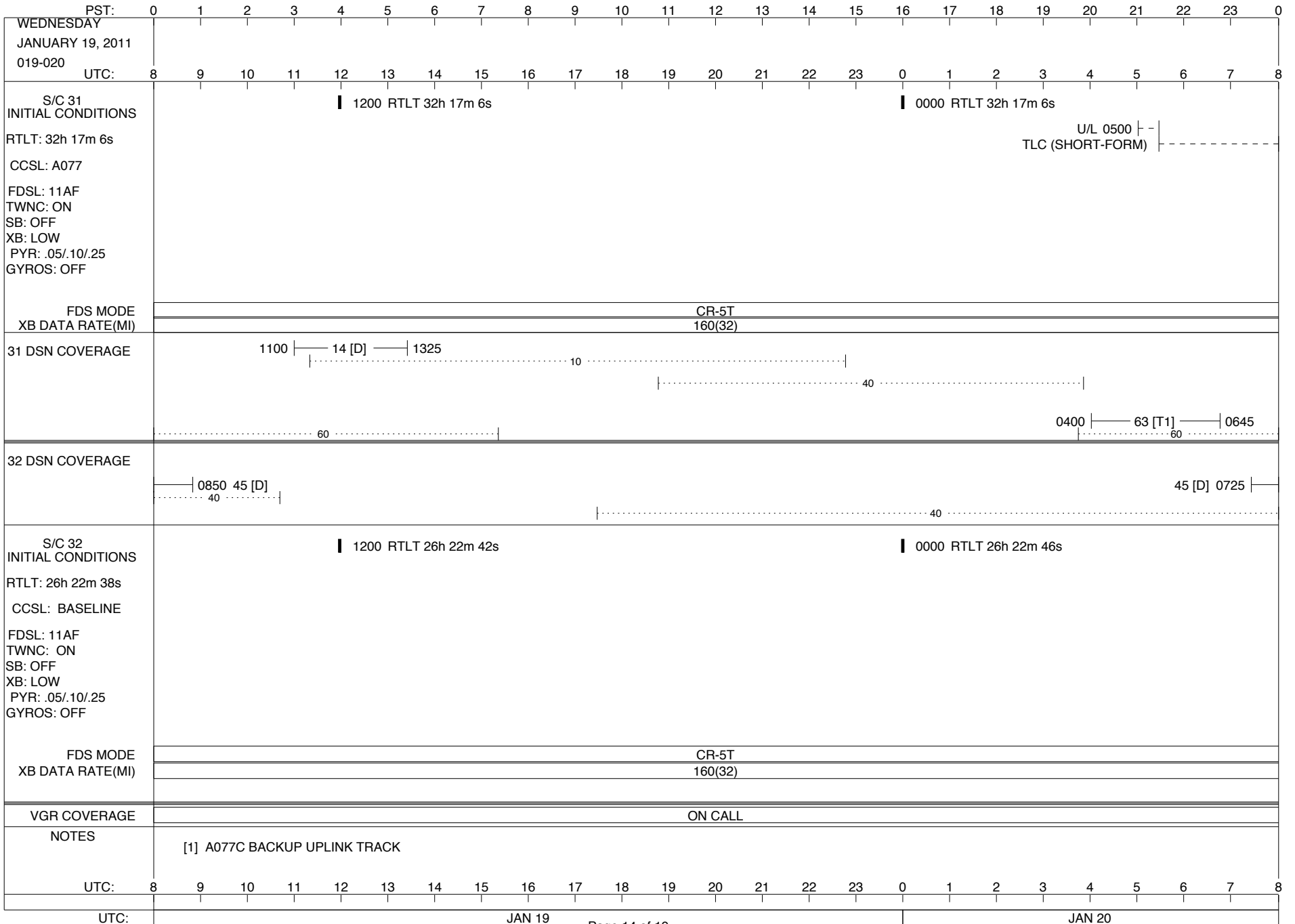
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FRIDAY JANUARY 14, 2011 014-015																													
UTC:		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS RTLTL: 32h 17m 4s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF		1200 RTLT 32h 17m 4s												0000 RTLT 32h 17m 4s															
FDS MODE		CR-5T												CR-5T															
XB DATA RATE(MI)		160(32)												160(32)															
31 DSN COVERAGE		<p>1120   14 [D]   1330</p> <p>..... 10 ..... 40 ..... 0405   63 [D]   0625</p> <p>..... 60 .....</p>																											
32 DSN COVERAGE		<p>43 [D]   1150 1700   43 [D]   1900 0400   43 [o]  </p> <p>..... 40 ..... 40 .....</p>																											
S/C 32 INITIAL CONDITIONS RTLTL: 26h 22m 4s CCSL: B150B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF		1200 RTLT 26h 22m 8s												0000 RTLT 26h 22m 12s															
FDS MODE		EL-40												CR-5T															
XB DATA RATE(MI)		40(30)												160(32)															
VGR COVERAGE		VGR							ON CALL							VGR							ON CALL						
NOTES		<p>[1] S/C 32=EL-40 @ 0839 XB=40(30)</p> <p>[2] S/C 32=CR-5T @ 0939 XB=160(32)</p> <p>[3] S/C 31=GS-4B @ 0427 XB=2.8K(41) NOT RECOVERABLE</p>																											
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:		JAN 14														JAN 15													







PST:	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 JANUARY 18, 2011 018-019																									
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: 32h 17m 6s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 32h 17m 6s												█ 0000 RTLT 32h 17m 6s												
													2203 █ 2204 PWS/RH												
													EL-40 (13:02) 0445▼ CCSL A077C (13:24) 0507▼ AHELIO MRO'S, CR-5T (13:57) 0540▼												
													↓ 2203 GS-4B 2204												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	1105  ----- 14 [D] -----  1520  ----- 10 -----   ----- 40 -----												0405- 0730  ----- 63 -----   ----- 60 -----												
32 DSN COVERAGE	45 [D]  ----- 0925 -----  0925  ----- 43 [D] -----  1135  ----- 40 -----												0425  ----- 45 [D] -----   ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLT: 26h 22m 32s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 26h 22m 36s												█ 0000 RTLT 26h 22m 38s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL												VGR ON CALL												
NOTES	[1] S/C 31=GS-4B @ 2203 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:	JAN 18												JAN 19												

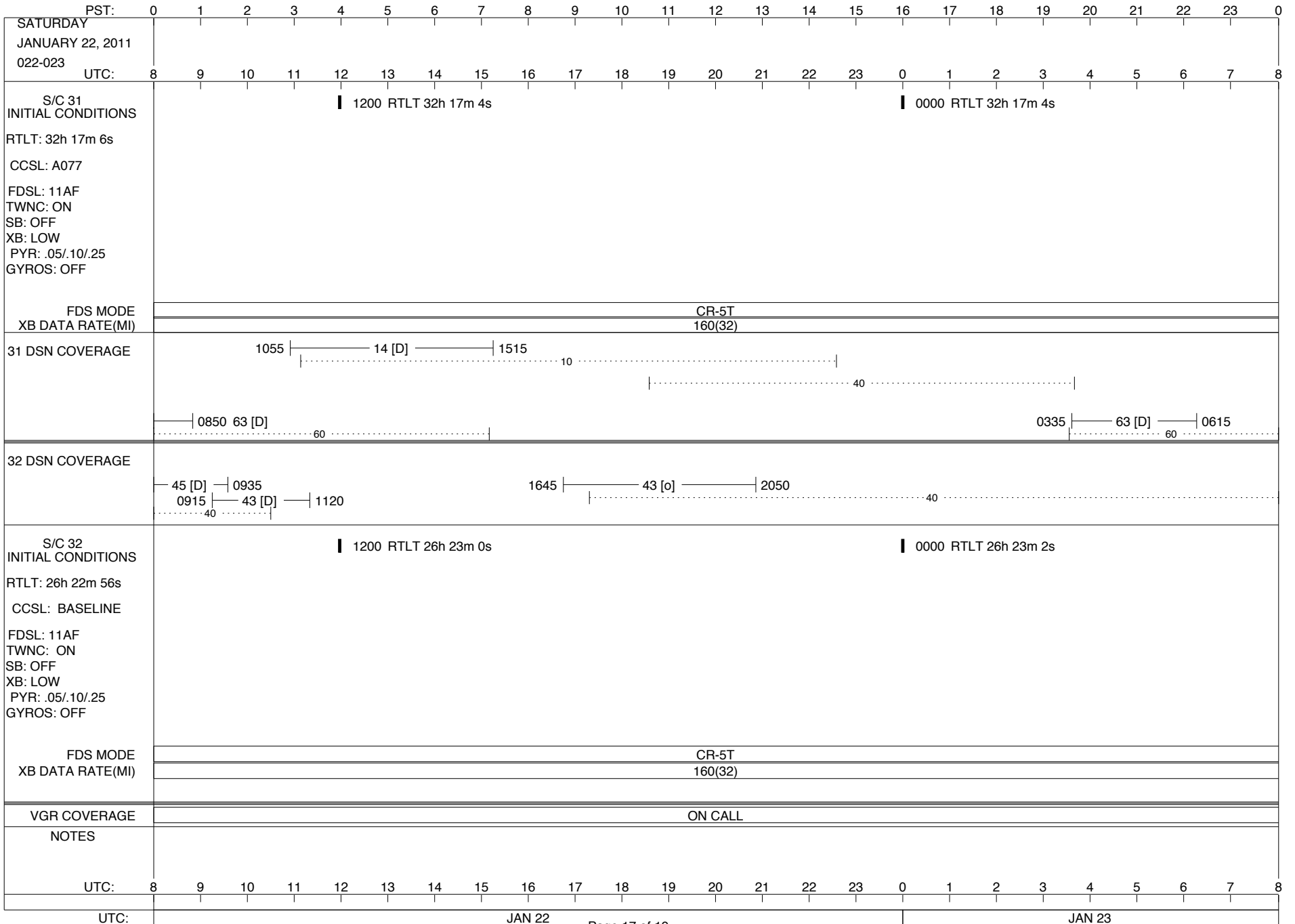


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THURSDAY JANUARY 20, 2011 020-021																												
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS	1200 RTLT 32h 17m 6s												0000 RTLT 32h 17m 6s															
RTLT: 32h 17m 6s	----- TLC (SHORT-FORM) -----																											
CCSL: A077	* 1328    1333 A077C CHKSUM																											
FDSL: 11AF	* 1400   1401 2 AHELIO SID MRO'S																											
TWNC: ON																												
SB: OFF																												
XB: LOW																												
PYR: .05/10/25																												
GYROS: OFF																												
FDS MODE	EL-40 1303 ↓ * ↓ 1403 CR-5T																											
XB DATA RATE(MI)	CR-5T 160(32) EL-40 40(30) CR-5T 160(32)																											
31 DSN COVERAGE	1100  ----- 14 [D] -----  1505												----- 10 -----   ----- 40 -----  0340  ----- 63 [D] -----  0645  ----- 60 -----															
32 DSN COVERAGE	45 [D]   0935 0920  ----- 43 [D] -----  1125												----- 40 -----  0100  ----- 43 [B] -----  0455  ----- 40 -----															
S/C 32 INITIAL CONDITIONS	1200 RTLT 26h 22m 48s												0000 RTLT 26h 22m 52s															
RTLT: 26h 22m 46s																												
CCSL: BASELINE																												
FDSL: 11AF	▼ 0117 DUMMY (5 MIN BRACKETED 03:40)																											
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				ON CALL									
NOTES	[1] S/C 31=EL-40 XB=40(30) @ 1303 [2] S/C 31=CR-5T XB=160(32) @ 1403																											
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:	JAN 20														JAN 21													

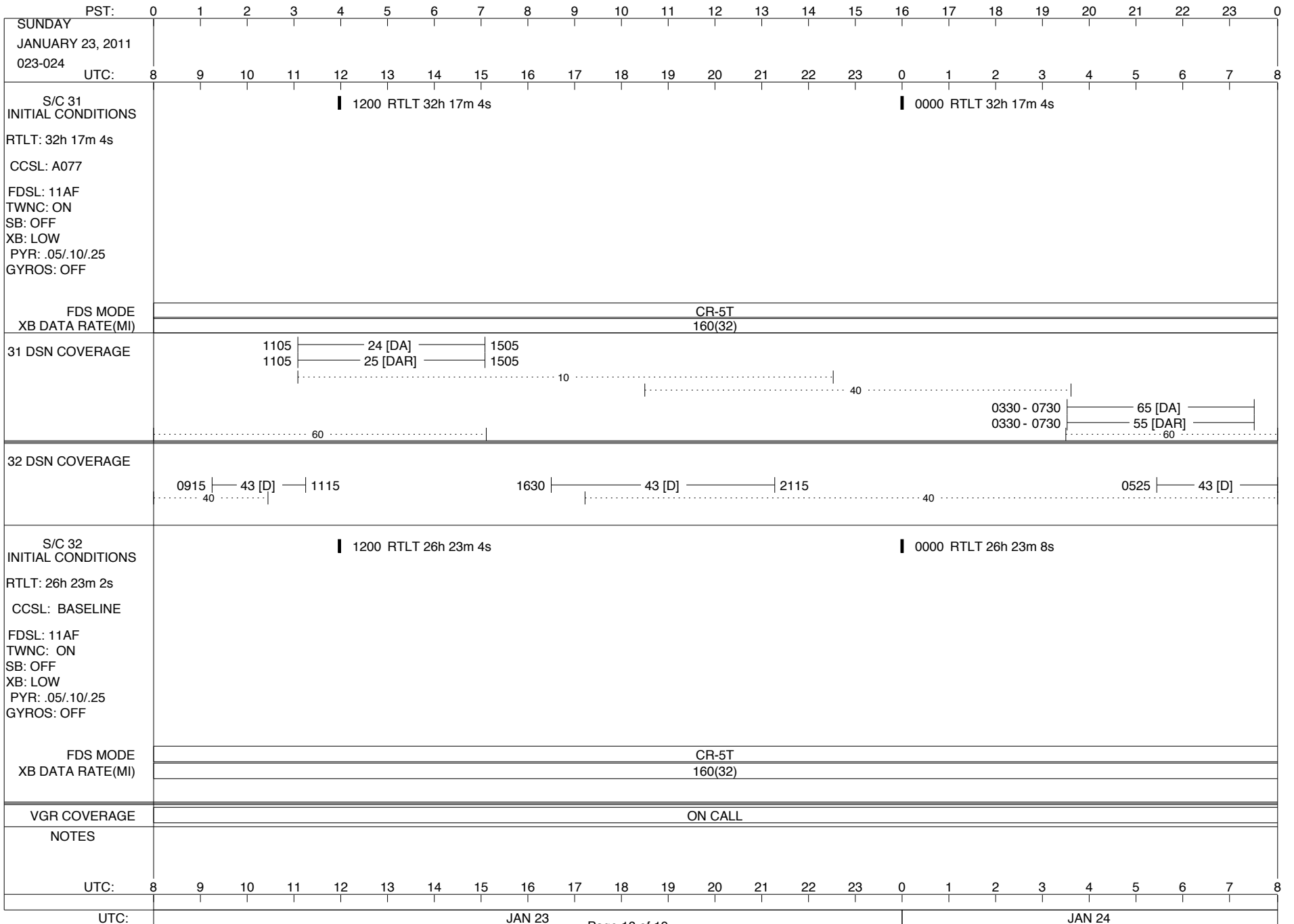


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S/C 31 INITIAL CONDITIONS	1200 RTLT 32h 17m 6s												0000 RTLT 32h 17m 6s												
RTLT: 32h 17m 6s	----- TLC (SHORT-FORM) -----   D/L -  1445																								
CCSL: A077																			0100   0115 TAPPOS						
FDSL: 11AF																			0403   0404 PWS/RH						
TWNC: ON																			TAPPOS 0610   0610						
SB: OFF																			↓ 0403 GS-4B 0404						
XB: LOW													CR-5T						CR-5T						
PYR: .05/.10/.25													160(32)						160(32)						
GYROS: OFF																									
FDS MODE																									
XB DATA RATE(MI)																									
31 DSN COVERAGE	1055  ----- 14 [D] -----  1510  ----- 10 -----   ----- 40 -----  0335  ----- 63 [D] -----   ----- 60 -----																								
32 DSN COVERAGE	----- 40 -----   ----- 40 -----  0655   45 [D]																								
S/C 32 INITIAL CONDITIONS	1200 RTLT 26h 22m 54s												0000 RTLT 26h 22m 56s												
RTLT: 26h 22m 52s																									
CCSL: BASELINE																									
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																								
NOTES	[1] S/C 31=GS-4B @ 0403 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:	JAN 21																JAN 22								



ISSUE DATE: 01/06/11 16:39



ISSUE DATE: 01/06/11 16:39

PST:	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 JANUARY 24, 2011 024-025																											
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S/C 31 INITIAL CONDITIONS RTLT: 32h 17m 4s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 32h 17m 4s</p> </div>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<div style="text-align: center;"> <p>.....  10  .....</p> <p>.....  60  .....</p> </div>																										
32 DSN COVERAGE	<div style="text-align: center;"> <p>.....  43 [D]   0925  .....</p> <p>.....  40  .....</p> </div>																										
S/C 32 INITIAL CONDITIONS RTLT: 26h 23m 8s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 26h 23m 10s</p> </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		
UTC:	JAN 24													JAN 25													