

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: October 28, 2009

For the Period: 10/29/09 to 11/16/09 (09-302 – 09-320)

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SCIENCE

FLIGHT TEAM (15) 600-100

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- Howard, S. (3)
- Ludwig, R. (2)
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- Matsumoto, S.
- Medina, E.
- Peralta, F.
- Poynter, R.
- Weeks, T.
- Wong, R.
- Yang, L
- Zottarelli, L.

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OTHER

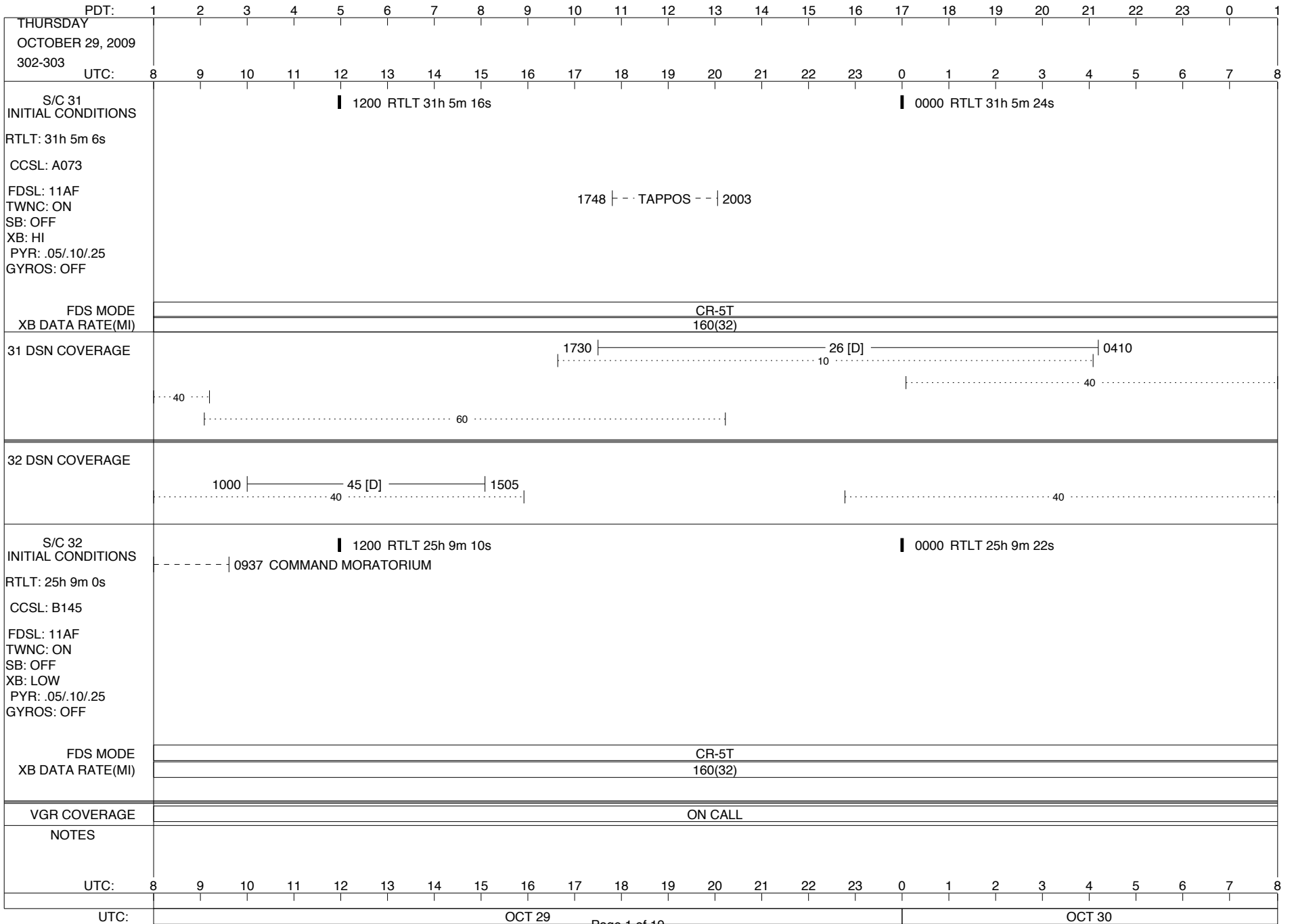
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LEGEND:

- ▽ = 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)
04/02/09

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PDT: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1

FRIDAY
OCTOBER 30, 2009
303-304
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: 31h 5m 24s
CCSL: A073
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: OFF

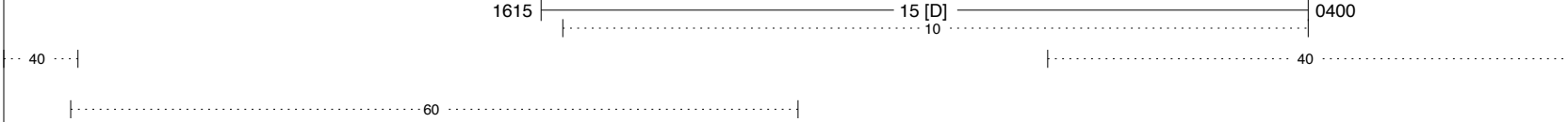
1200 RTLT 31h 5m 34s
0000 RTLT 31h 5m 42s

↓ 1833 GYROS BC ON
↓ 1834 GYRO INIT
↓ 1843 GYRO FAULT TEST
1933 || 1939 CCSTIM(B)

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS
RTLT: 25h 9m 22s
CCSL: B145
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 25h 9m 32s
0000 RTLT 25h 9m 44s

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

VGR COVERAGE



NOTES

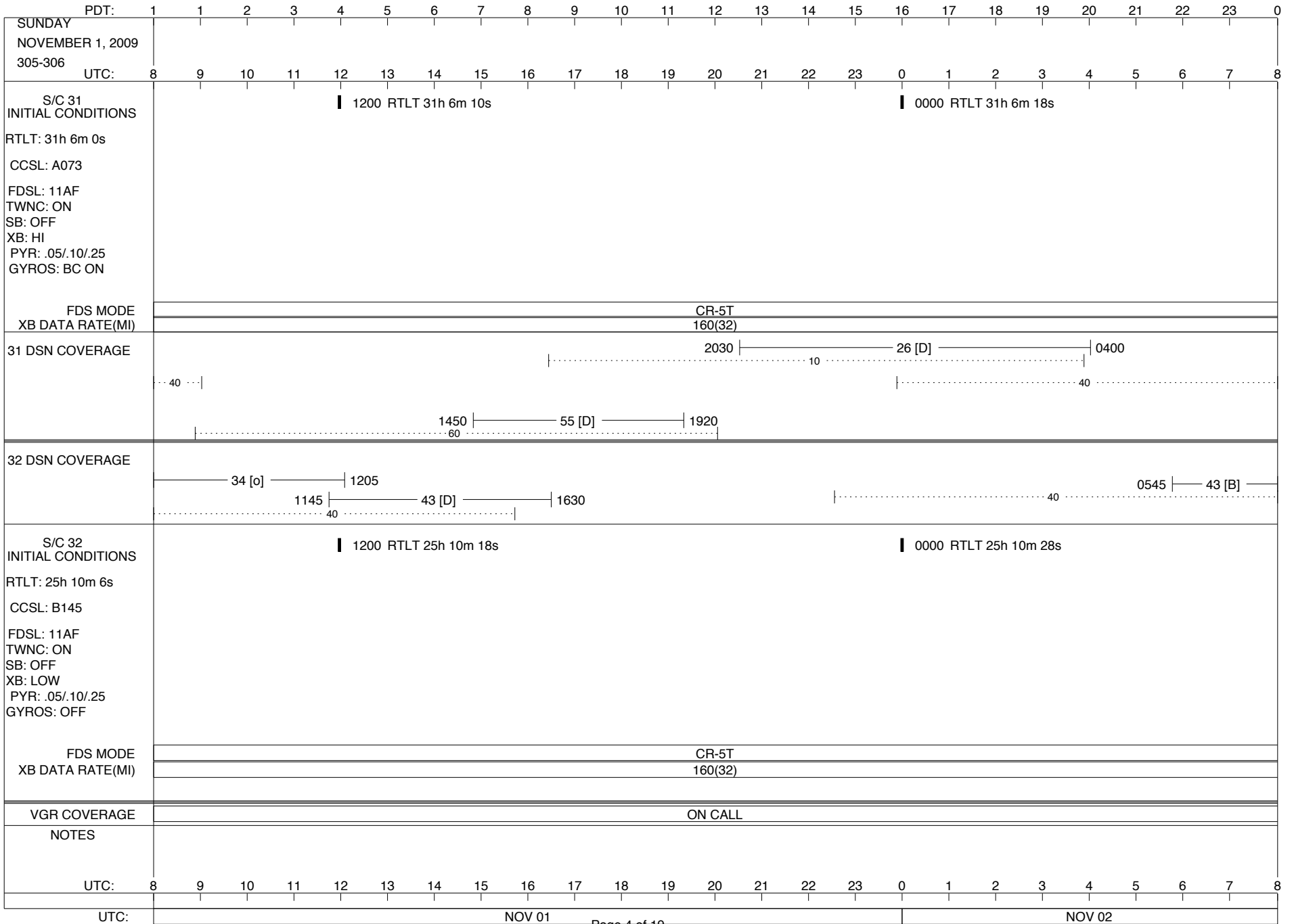
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UTC: OCT 30 Page 2 of 19 OCT 31

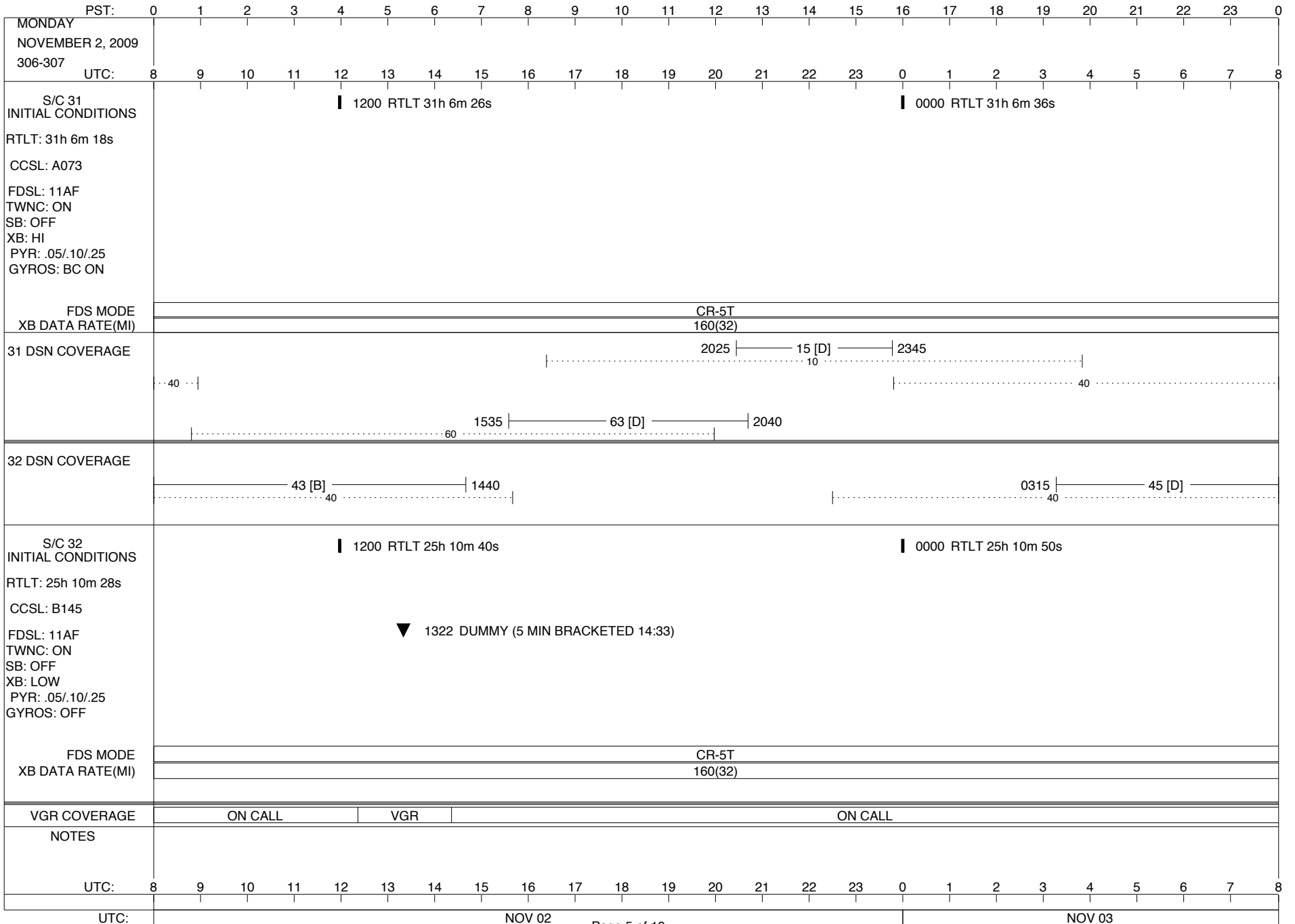
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SATURDAY OCTOBER 31, 2009 304-305																																				
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S/C 31 INITIAL CONDITIONS	1200 RTLT 31h 5m 52s												0000 RTLT 31h 6m 0s																							
RTLT: 31h 5m 42s	- TAPPOS - 0841 - 1045																																			
CCSL: A073	↓ 1046 YAW=.05																																			
FDSL: 11AF	1056 ----- PLAYBACK ----- 1848												2318 2319 TAPPOS																							
TWNC: ON	↓ 1858 YAW=.10																																			
SB: OFF																																				
XB: HI																																				
PYR: .05/10/25																																				
GYROS: BC ON	↓ 1056 PB-14												↓ 1848 CR-5T																							
FDS MODE	CR-5T												PB-14												CR-5T											
XB DATA RATE(MI)	160(32)												1.4K(39)												160(32)											
31 DSN COVERAGE	2305 ----- 24 [D] ----- 0405 40 ----- 0955 ----- 54 [DAR] ----- 1915 0955 ----- 55 [DA] ----- 1915 0955 ----- 63 [DA] ----- 2025 ----- 60 -----																																			
32 DSN COVERAGE	45 [D] ----- 1020 1015 ----- 34 [o] ----- 1210 1150 ----- 43 [D] ----- 1515 ----- 40 ----- 0210 ----- 45 [D] ----- 0515 0605 ----- 34 [o] -----																																			
S/C 32 INITIAL CONDITIONS	1200 RTLT 25h 9m 54s												0000 RTLT 25h 10m 6s																							
RTLT: 25h 9m 44s																																				
CCSL: B145																																				
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								VGR								ON CALL																			
NOTES	[1] S/C 31=PB-14 @ 1055 XB=1.4K(39) [2] S/C 31=CR-5T @ 1848 XB=160(32)																																			
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ISSUE DATE: 11/02/09 21:11



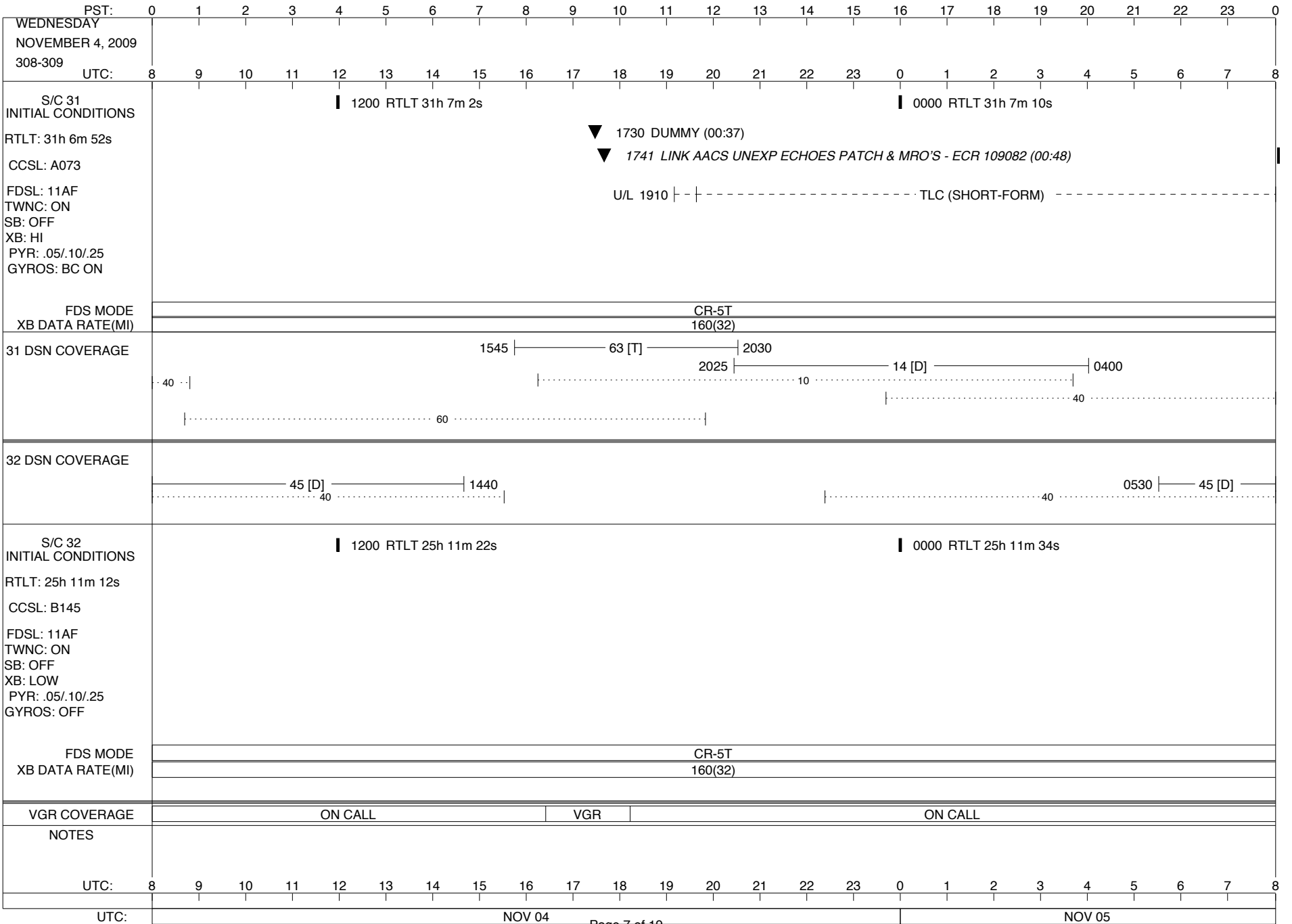
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ISSUE DATE: 11/02/09 21:11

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S/C 31 INITIAL CONDITIONS RTLT: 31h 6m 36s CCSL: A073 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLT 31h 6m 44s MEMUPD - UNEXP ECHOES PATCH ECR 109082 1811↓ AACS MRO 1813 1815 MEMUPD - ENABLE NEXT 30 AHELIO RECORDS 1914↓ TWO AHELIO SID MRO'S 1914 1915												0000 RTLT 31h 6m 52s 1950 ALL DB=.05 2006 AAI 2007 - 2040 ASCAL 2041 RAI 2052 ROLL=.25 2054 GYRO FAULT TEST 1935↓ 2047 0216 0216 PWS/RH 0216 GS-4B 0216												
FDS MODE	CR-5T						EL-40			CR-5T						CR-5T									
XB DATA RATE(MI)	160(32)						40(30)			160(32)						160(32)									
31 DSN COVERAGE	1945 14 [D] 2115 0015 25 [D] 0355 40 40 1445 63 [D] 2005 60																								
32 DSN COVERAGE	45 [D] 1445 40 40 0605 45 [D]																								
S/C 32 INITIAL CONDITIONS RTLT: 25h 10m 50s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 25h 11m 2s												0000 RTLT 25h 11m 12s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL								VGR								ON CALL								
NOTES	[1] S/C 31=EL-40 @ 1935 XB=40(30) [2] S/C 31=CR-5T @ 2047 XB=160(32) [3] S/C 31=GS-4B @ 0215 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:	NOV 03												NOV 04												

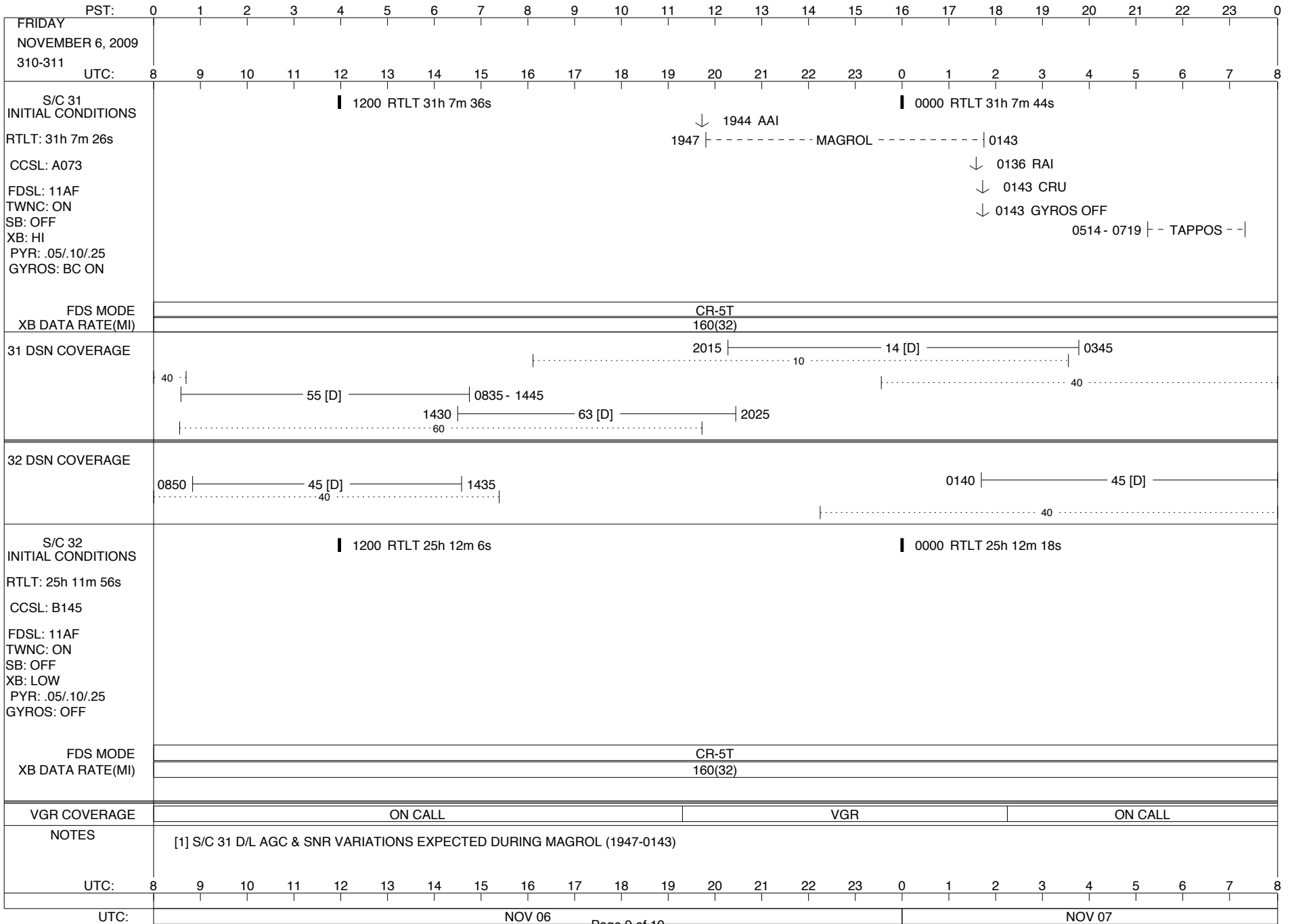
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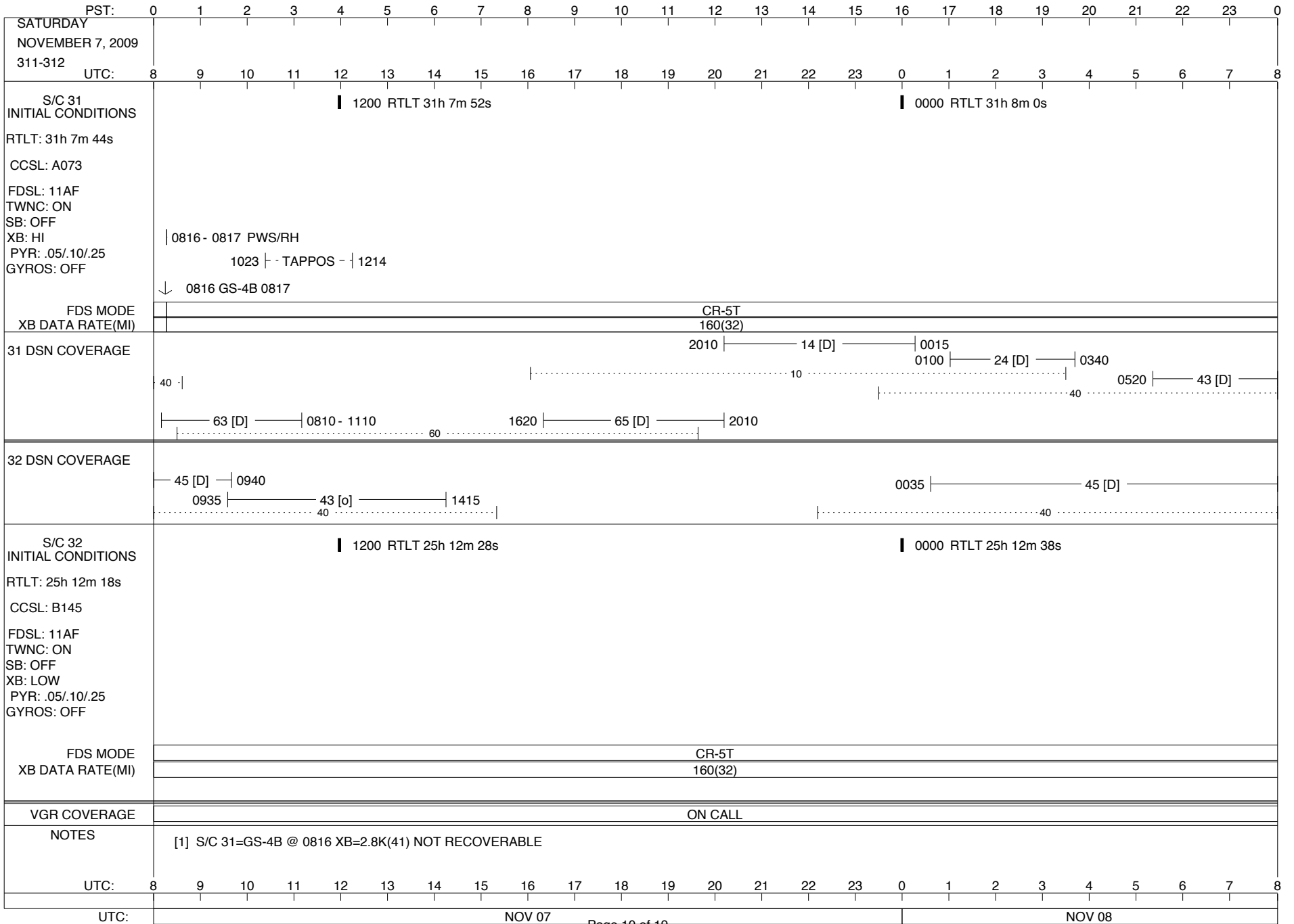
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S/C 31 INITIAL CONDITIONS	1200 RTLT 31h 7m 18s												0000 RTLT 31h 7m 26s													
RTLT: 31h 7m 10s CCSL: A073 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	----- TLC (SHORT-FORM) -----												+ D/L - 0345													
	LINK AACS UNEXP ECHOES PATCH - ECR 109082 0049↓												AACS MRO'S 0051 0057													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																									
31 DSN COVERAGE	----- 1200 ----- 55 [D] ----- 2020												----- 0030 ----- 14 [D] ----- 0355													
	----- 40 -----												----- 40 -----													
32 DSN COVERAGE	----- 45 [D] ----- 1415												----- 40 -----													
S/C 32 INITIAL CONDITIONS	1200 RTLT 25h 11m 44s												0000 RTLT 25h 11m 56s													
RTLT: 25h 11m 34s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF																										
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																									
VGR COVERAGE	ON CALL												VGR		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:	NOV 05												NOV 06													

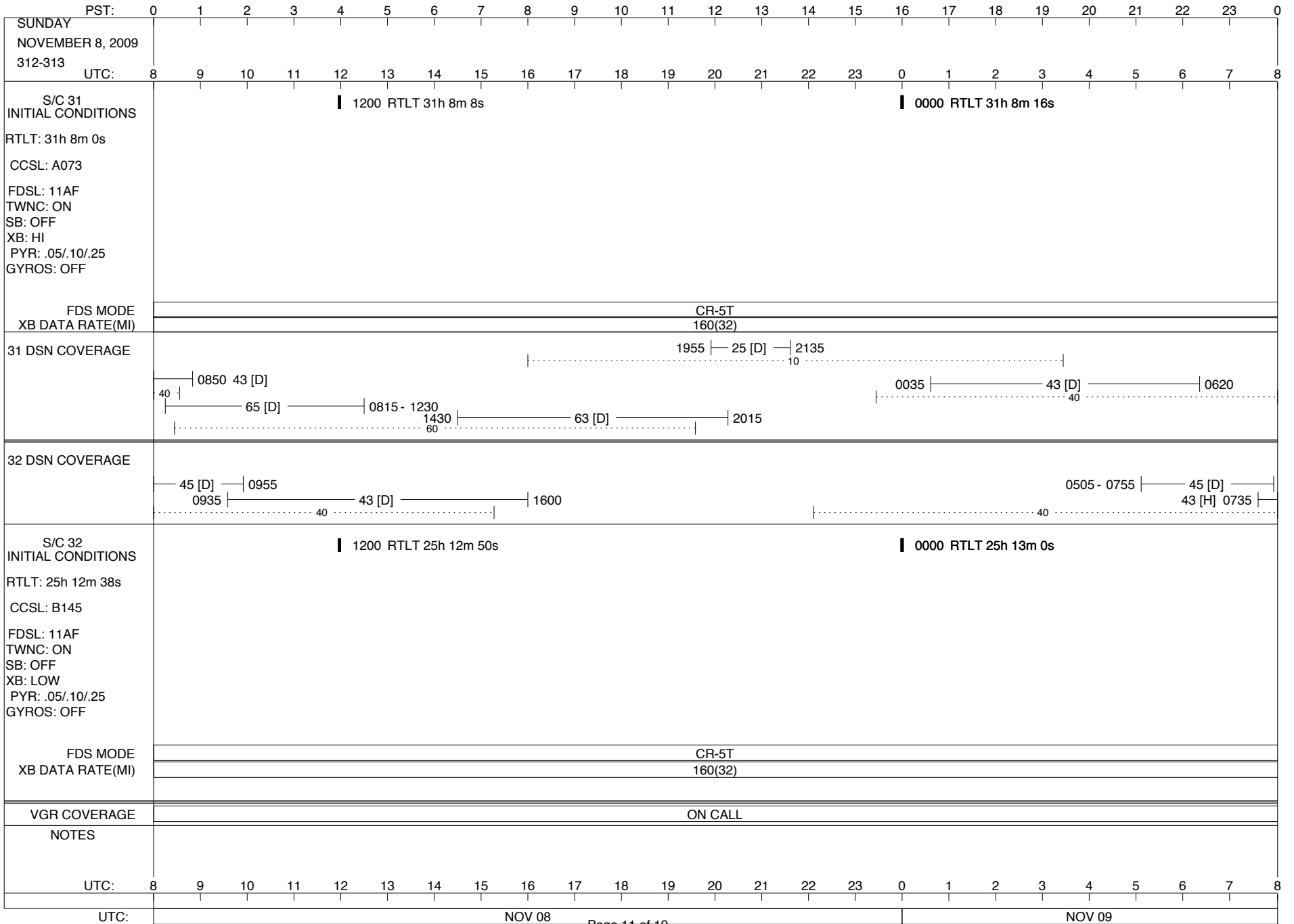
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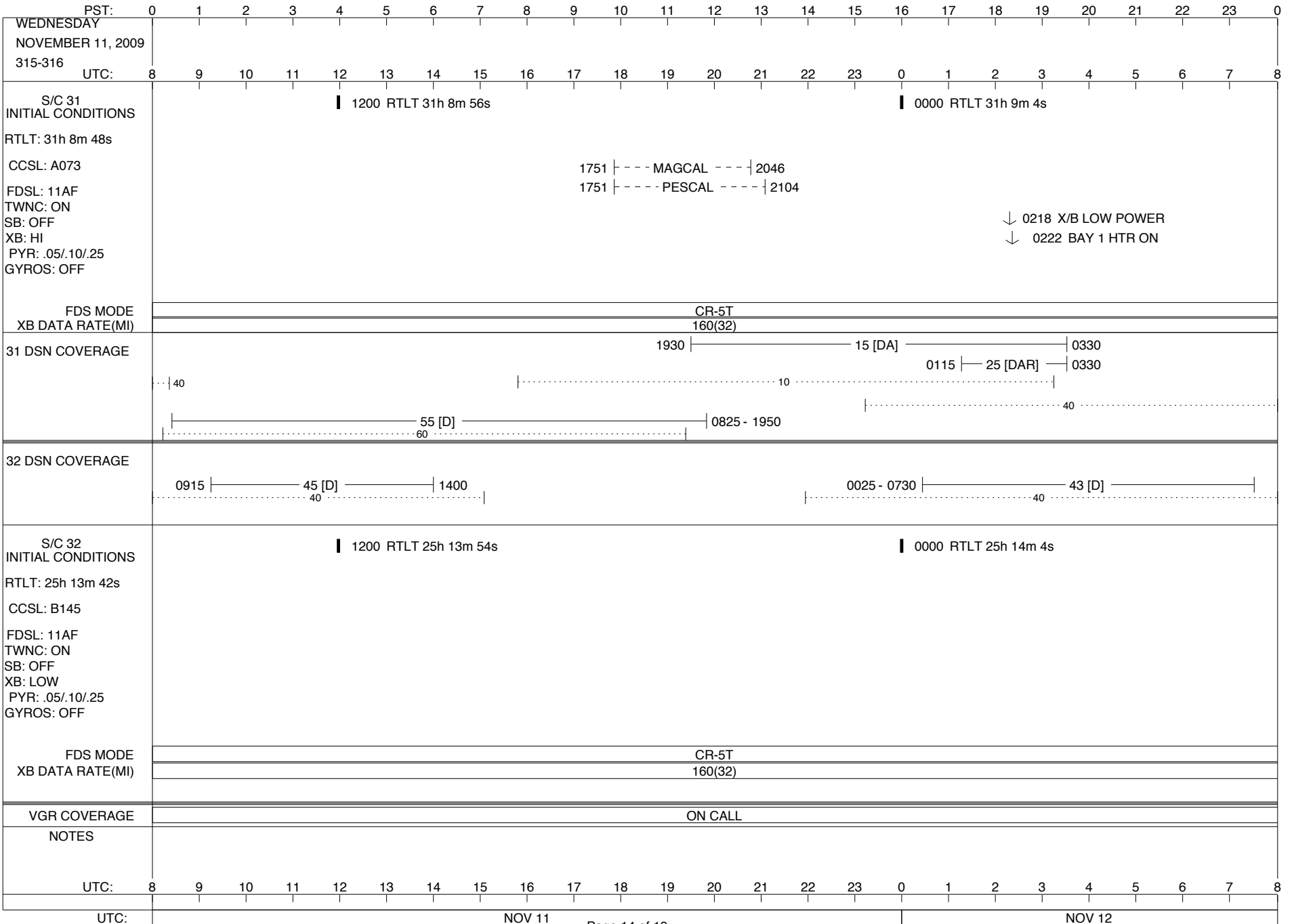
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S/C 31 INITIAL CONDITIONS RTLT: 31h 8m 16s CCSL: A073 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF	1200 RTLT 31h 8m 24s												0000 RTLT 31h 8m 32s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	1540 ----- 15 [D] ----- 2345 ----- 10 ----- 0045 ----- 14 ----- 0340 40 ----- 40 0845 ----- 63 [T] ----- 1010 ----- 60 -----																								
32 DSN COVERAGE	43 [H] ----- 1410 ----- 40 -----																								
S/C 32 INITIAL CONDITIONS RTLT: 25h 13m 0s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 25h 13m 10s												0000 RTLT 25h 13m 22s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	VGR												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:	NOV 09												NOV 10												

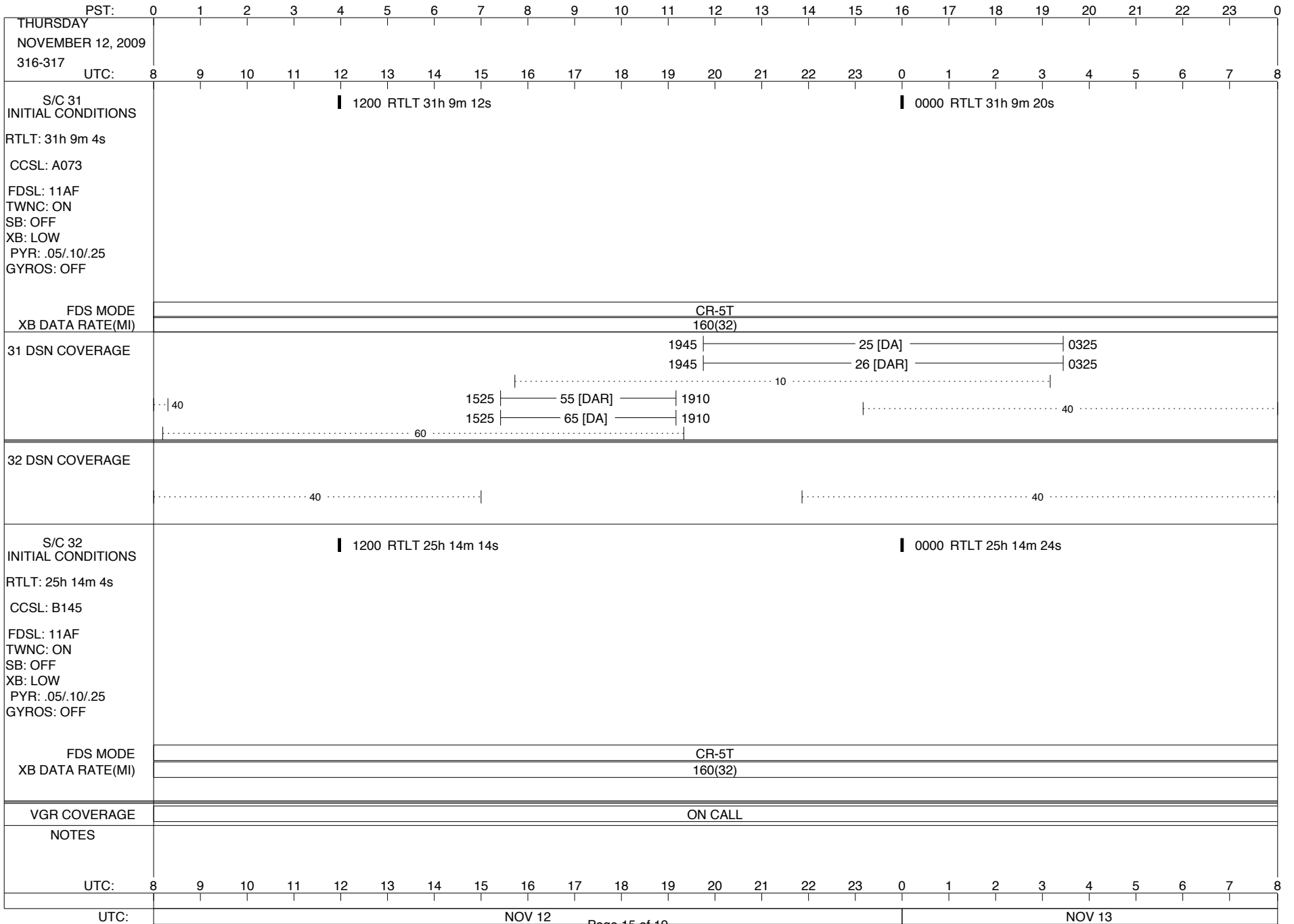
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TUESDAY																													
NOVEMBER 10, 2009																													
314-315																													
UTC:		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS		1200 RTLT 31h 8m 40s														0000 RTLT 31h 8m 48s													
RTLTL: 31h 8m 32s																													
CCSL: A073		----- TLC (SHORT-FORM) -----														D/L - 1751													
FDSL: 11AF																0153 0153 PWS/RH													
TWNC: ON																													
SB: OFF																													
XB: HI																													
PYR: .05/.10/.25																													
GYROS: OFF																													
FDS MODE		CR-5T														CR-5T													
XB DATA RATE(MI)		160(32)														160(32)													
31 DSN COVERAGE		<p>0030 ----- 15 [D] ----- 0330</p> <p>40 ----- 40 ----- </p> <p>1530 ----- 65 [D] ----- 1950</p> <p>60 ----- 60 ----- </p>																											
32 DSN COVERAGE		<p>1000 ----- 45 [D] ----- 1405</p> <p>40 ----- 40 ----- </p>																											
S/C 32 INITIAL CONDITIONS		1200 RTLT 25h 13m 32s														0000 RTLT 25h 13m 42s													
RTLTL: 25h 13m 22s																													
CCSL: B145																													
FDSL: 11AF		TBD CCSL B146 CHKSUM																											
TWNC: ON																													
SB: OFF																													
XB: LOW																													
PYR: .05/.10/.25																													
GYROS: OFF																													
FDS MODE		EL-40 1056 ↓							↓ 1156 CR-5T																				
XB DATA RATE(MI)		CR-5T							EL-40							CR-5T													
		160(32)							40(30)							160(32)													
VGR COVERAGE		ON CALL							VGR							ON CALL													
NOTES		<p>[1] S/C 31=GS-4B @ 0152 XB=2.8K(41) NOT RECOVERABLE</p> <p>[2] S/C 32=EL-40 @ 1056 XB=40(30)</p> <p>[3] S/C 32=CR-5T @ 1156 XB=160(32)</p>																											
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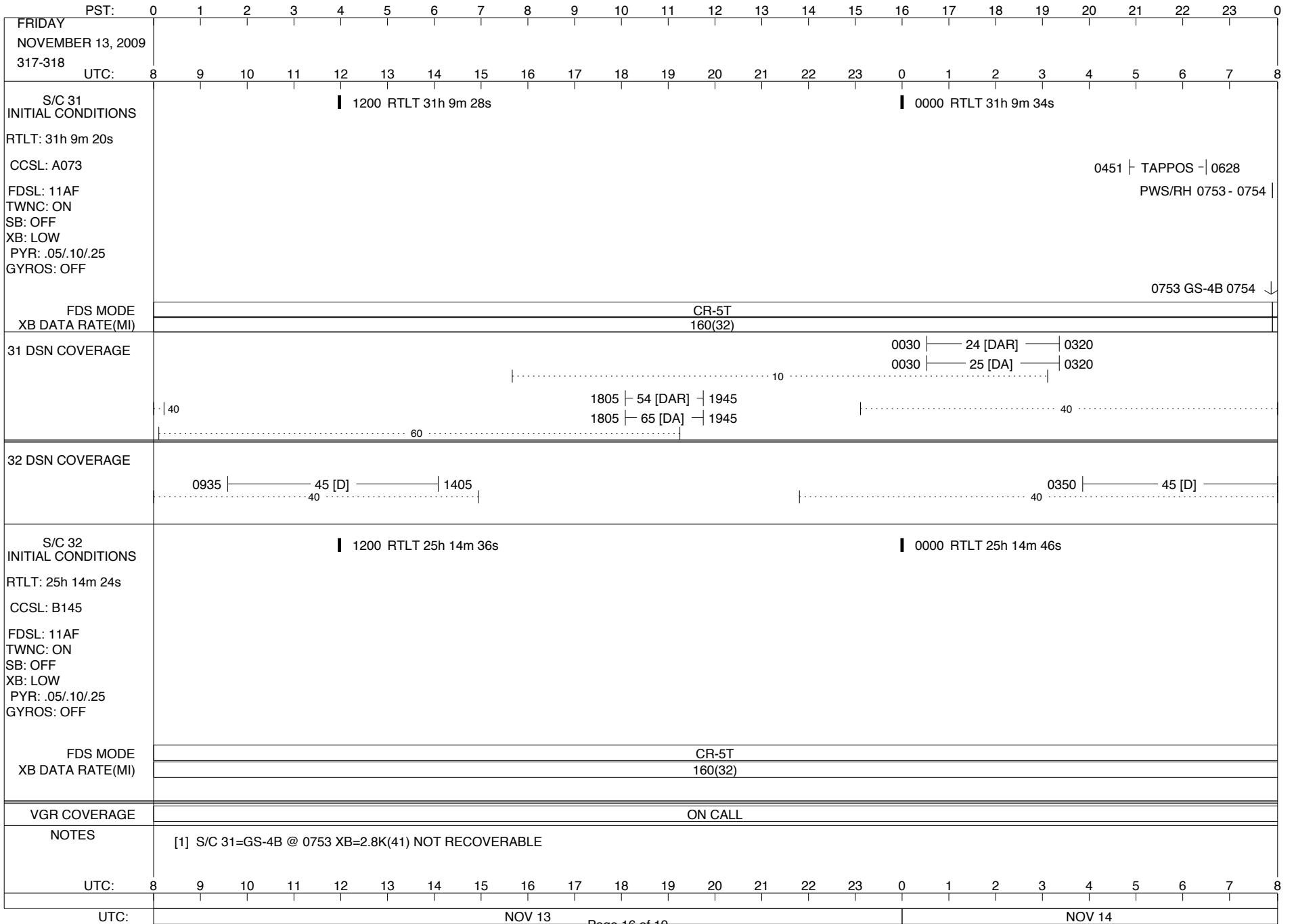
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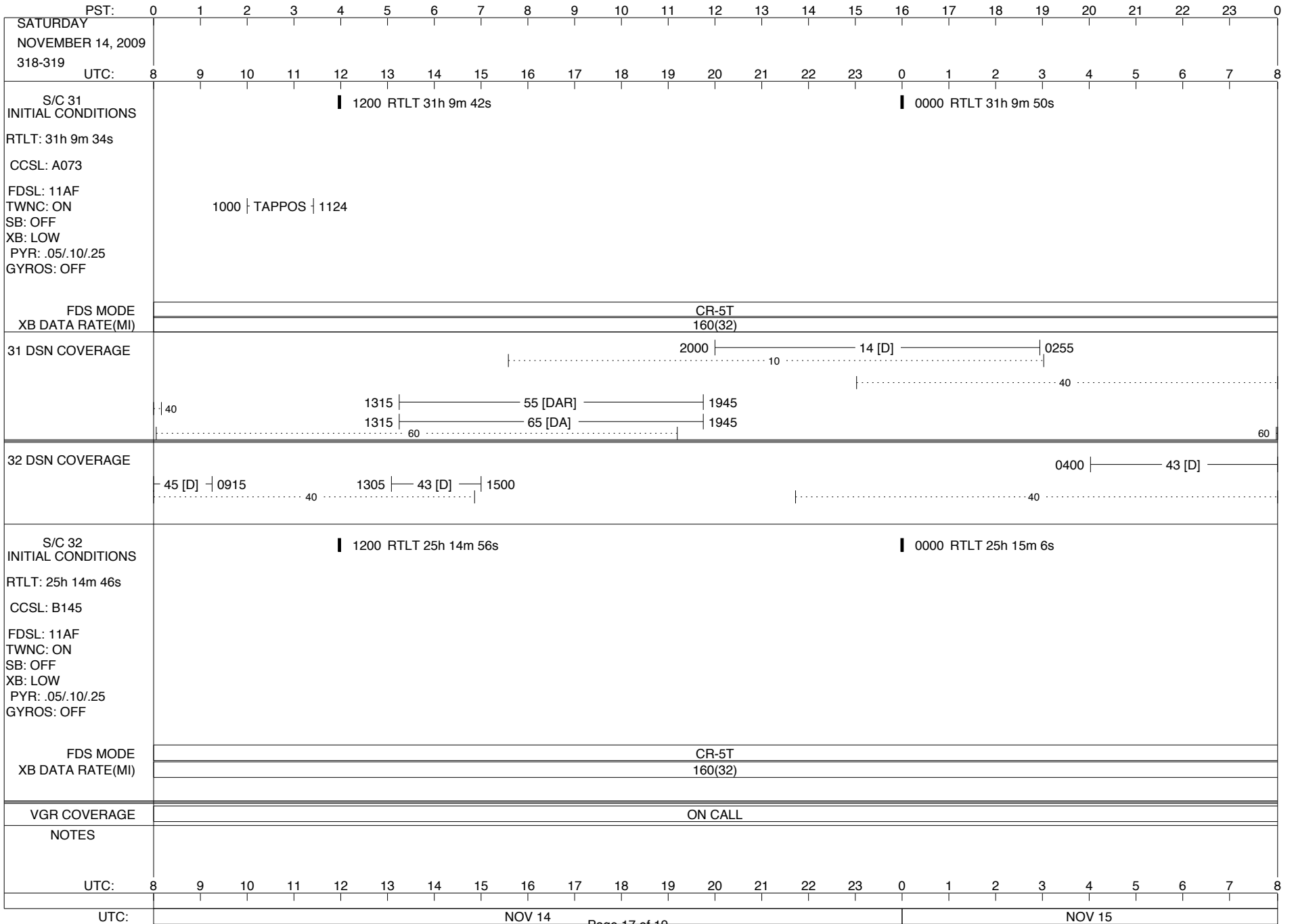
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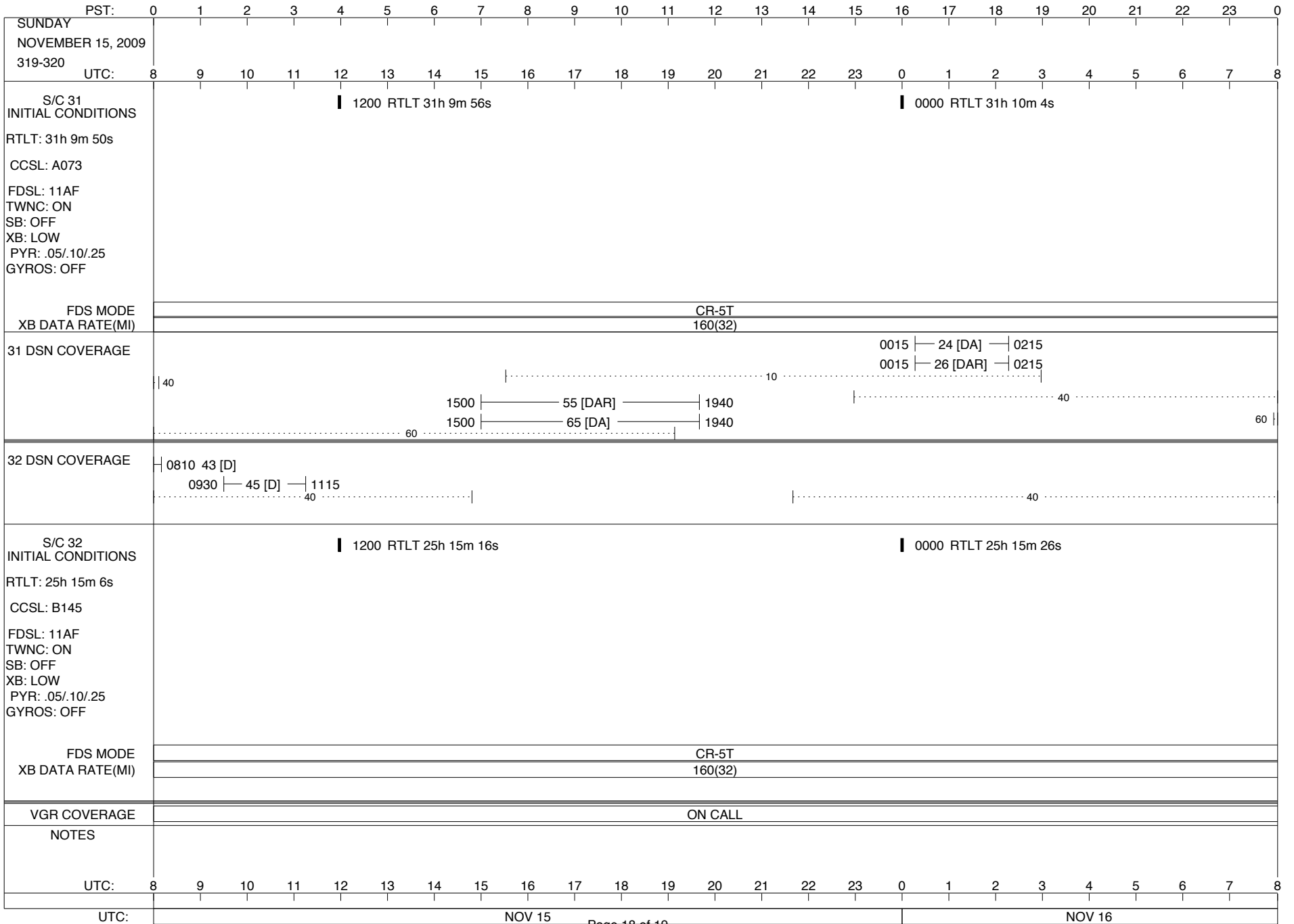
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ISSUE DATE: 11/02/09 21:11

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S/C 31 INITIAL CONDITIONS RTLT: 31h 10m 4s CCSL: A073 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 31h 10m 12s																								
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	40 60																								
32 DSN COVERAGE	0940 -----45 [D]----- 1355 40																								
S/C 32 INITIAL CONDITIONS RTLT: 25h 15m 26s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 25h 15m 36s																								
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
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