

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: October 21, 2009

For the Period: 10/22/09 to 11/09/09 (09-295 – 09-313)

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

**SCIENCE**

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

**DSOT (1) 230-102**

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 \*Leonard.F.Burlaga@nasa.gov  
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 Ludwig, R. (2)  
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 Poynter, R.  
 Weeks, T.  
 Wong, R.  
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**OTHER**

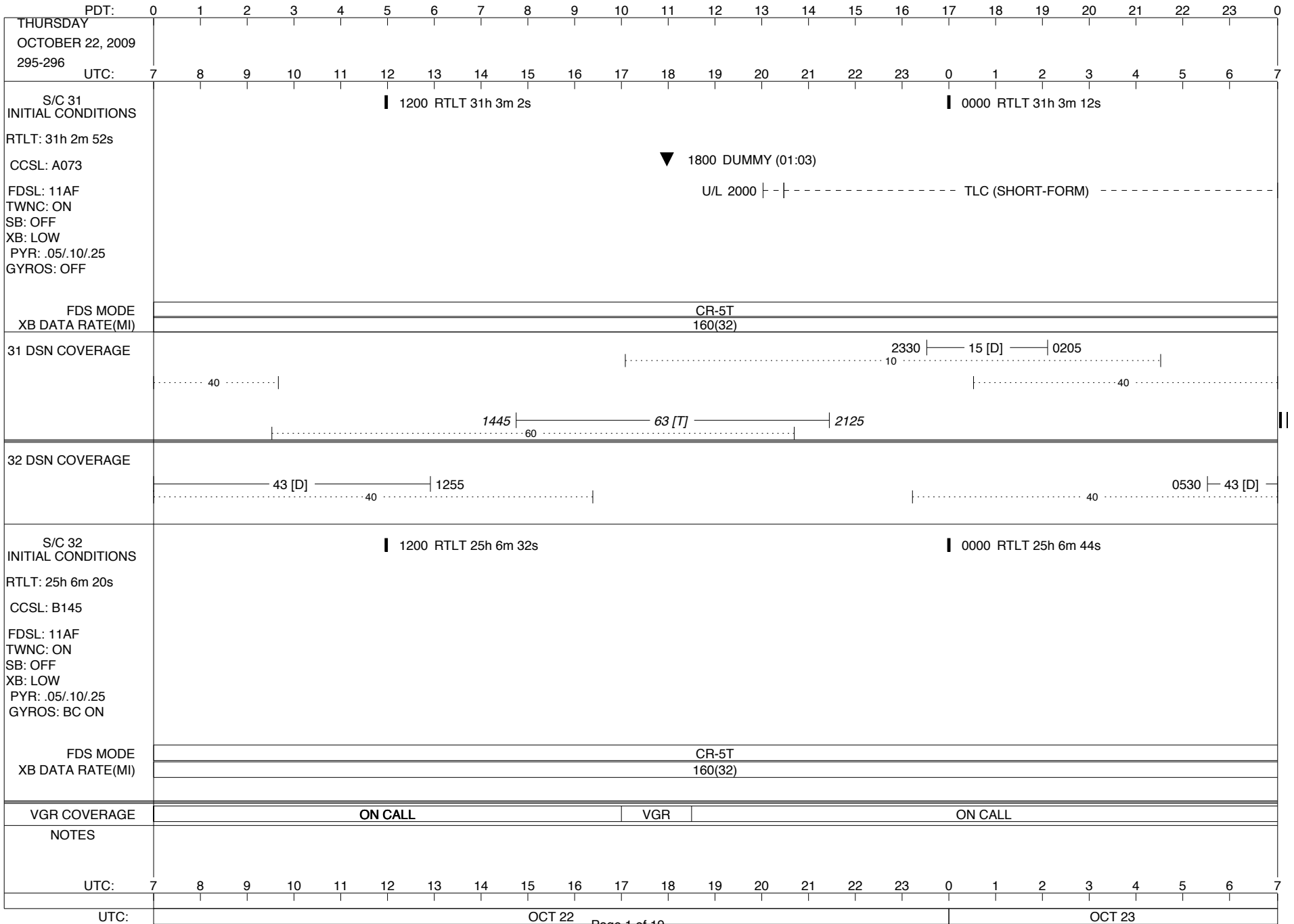
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 \* Belinda.Arroyo@jpl.nasa.gov  
 \* DSN-MPSETA@jjpl.jpl.nasa.gov

**LEGEND:**

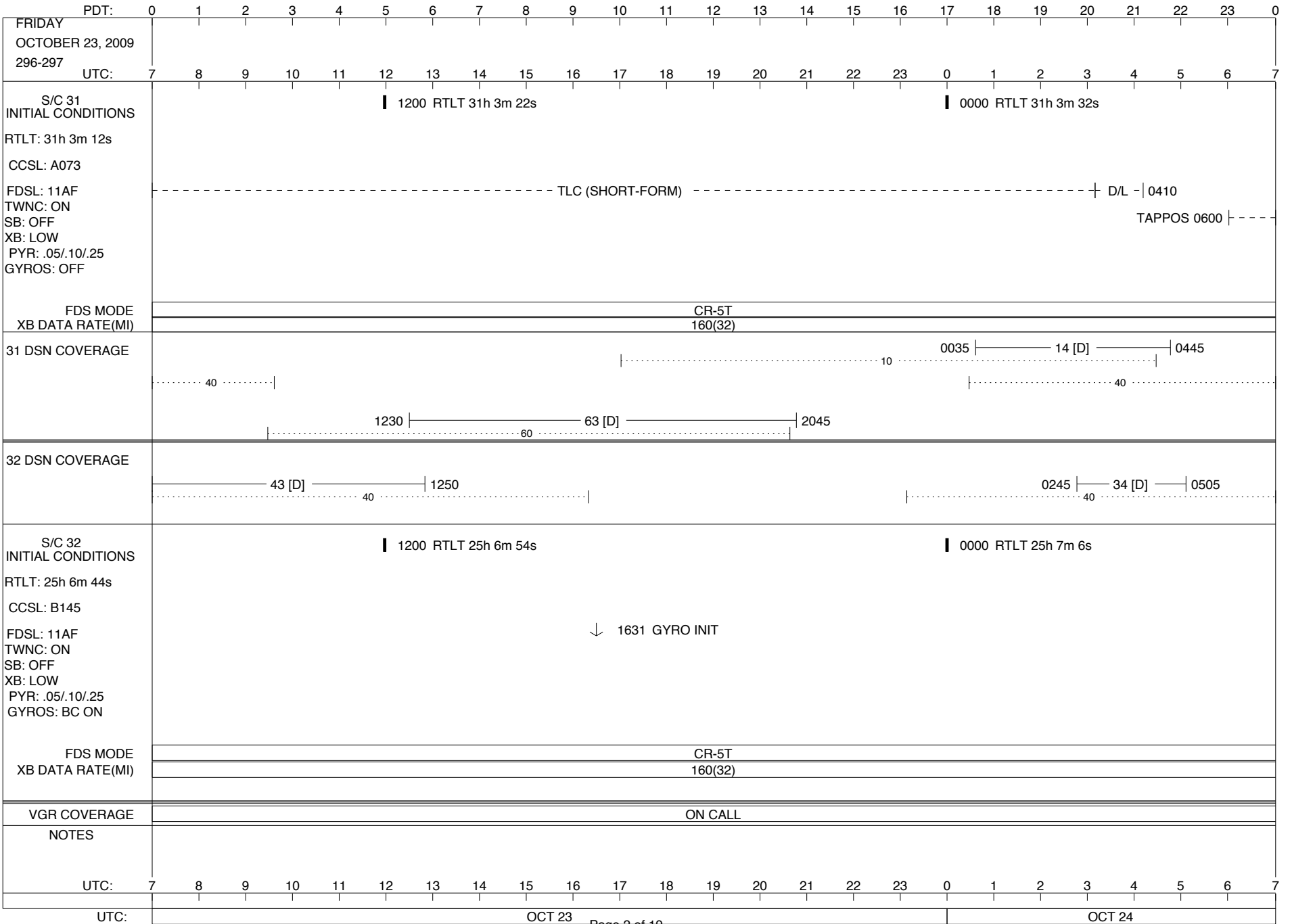
∇ = R/T Command (Last chance or Contingency)  
 ▼ = R/T Command (Scheduled)  
 \* = Result of R/T Command  
 n = (where n = 1,2,3 ..) Special Note, see bottom of page  
 A = Arrayed station  
 B = 7-Point BLF  
 D = Downlink only pass  
 H = High Power Transmitter  
 R = Array Reference Antenna  
 T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

\*Electronic Copy Only  
 (17 – Dist/N: Paper Copies)  
 04/02/09

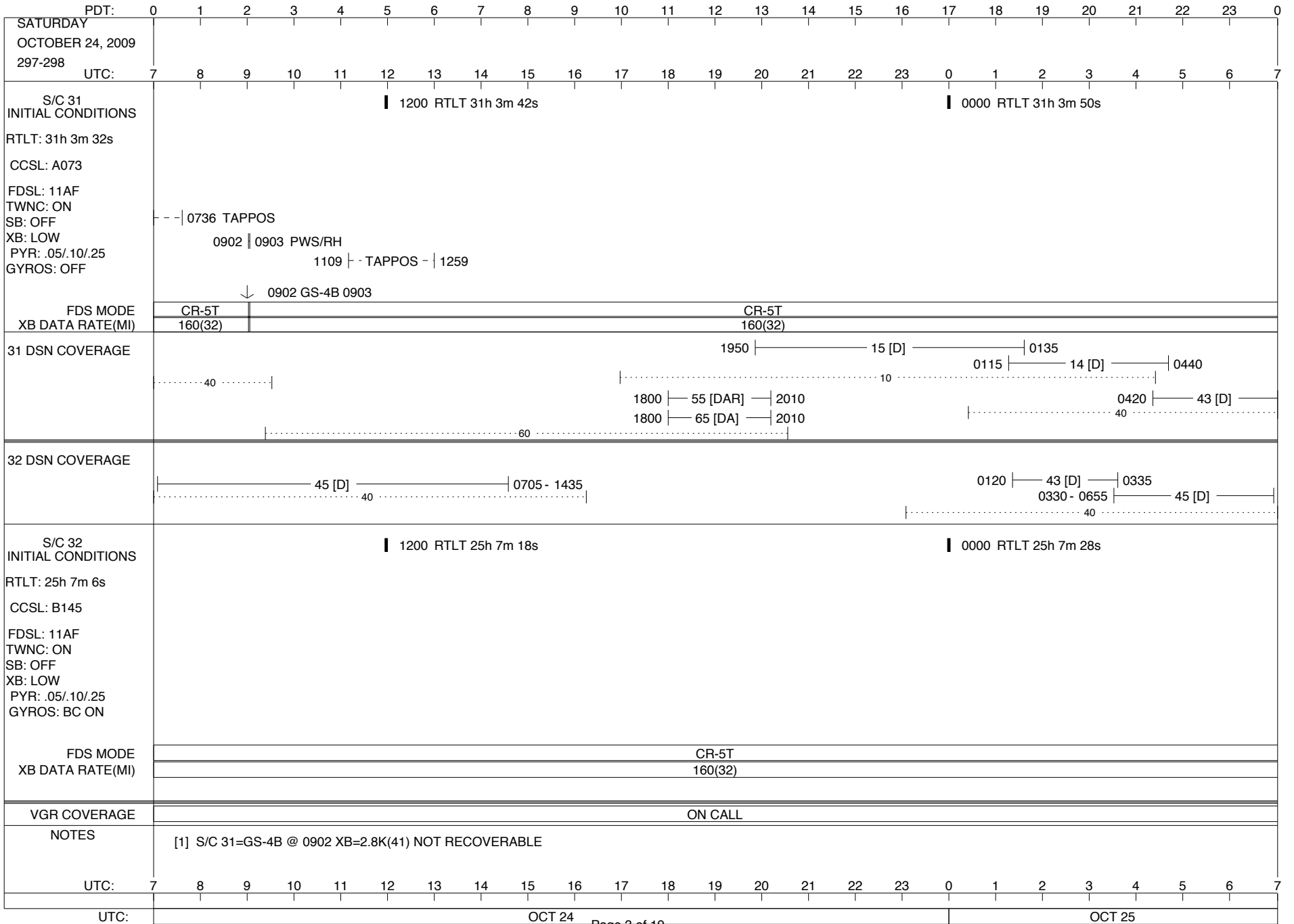
ISSUE DATE: 10/27/09 21:59



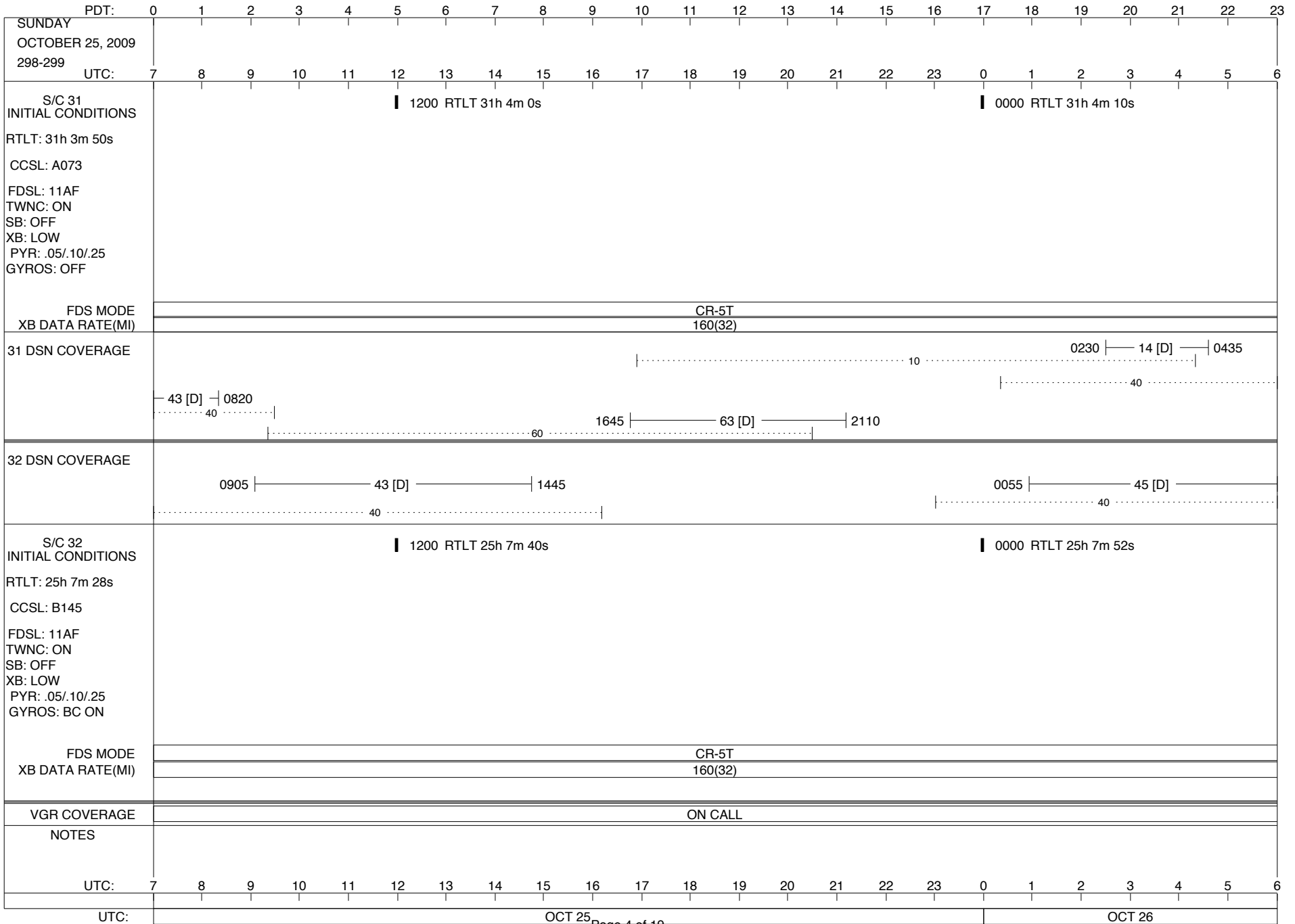
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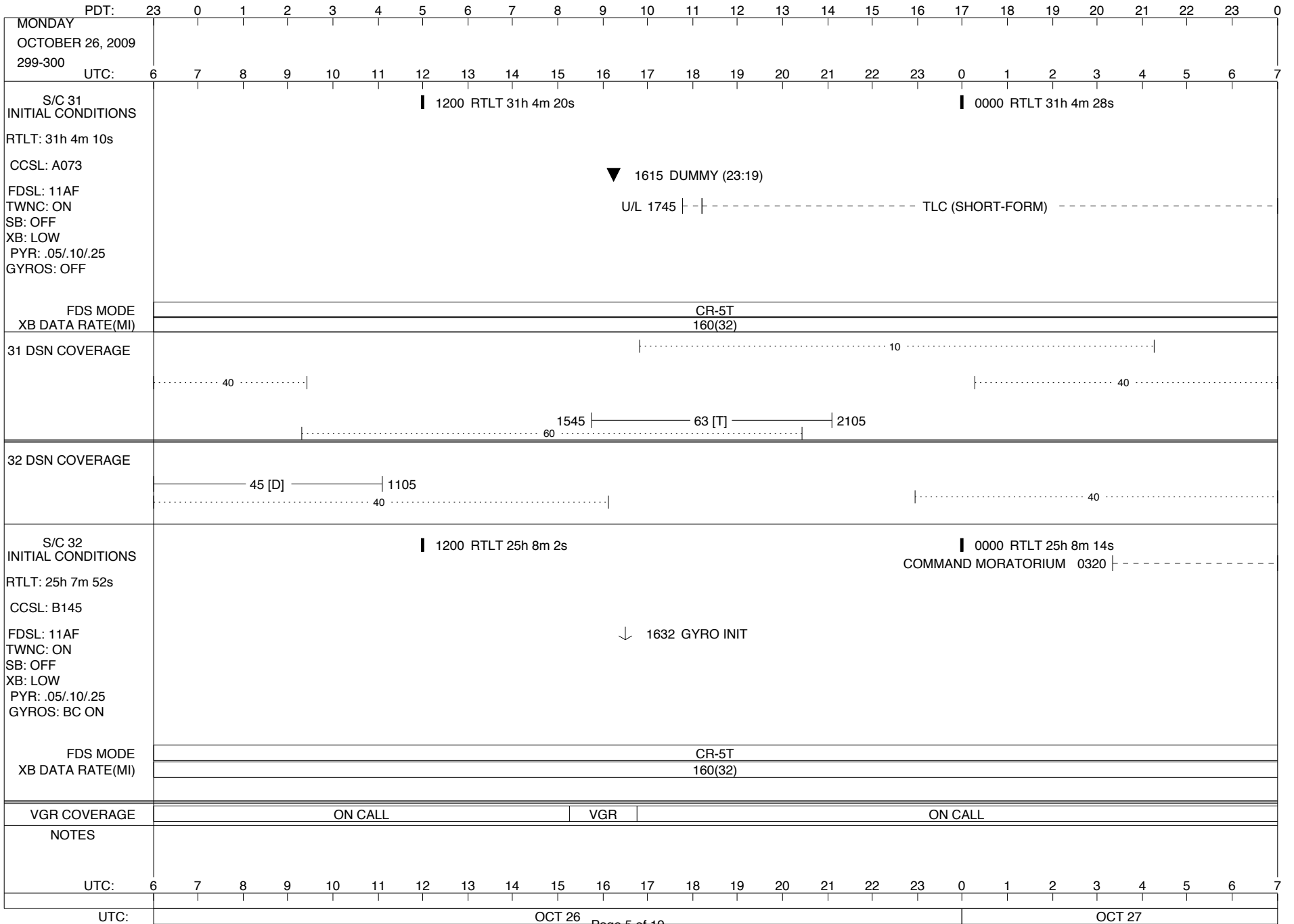


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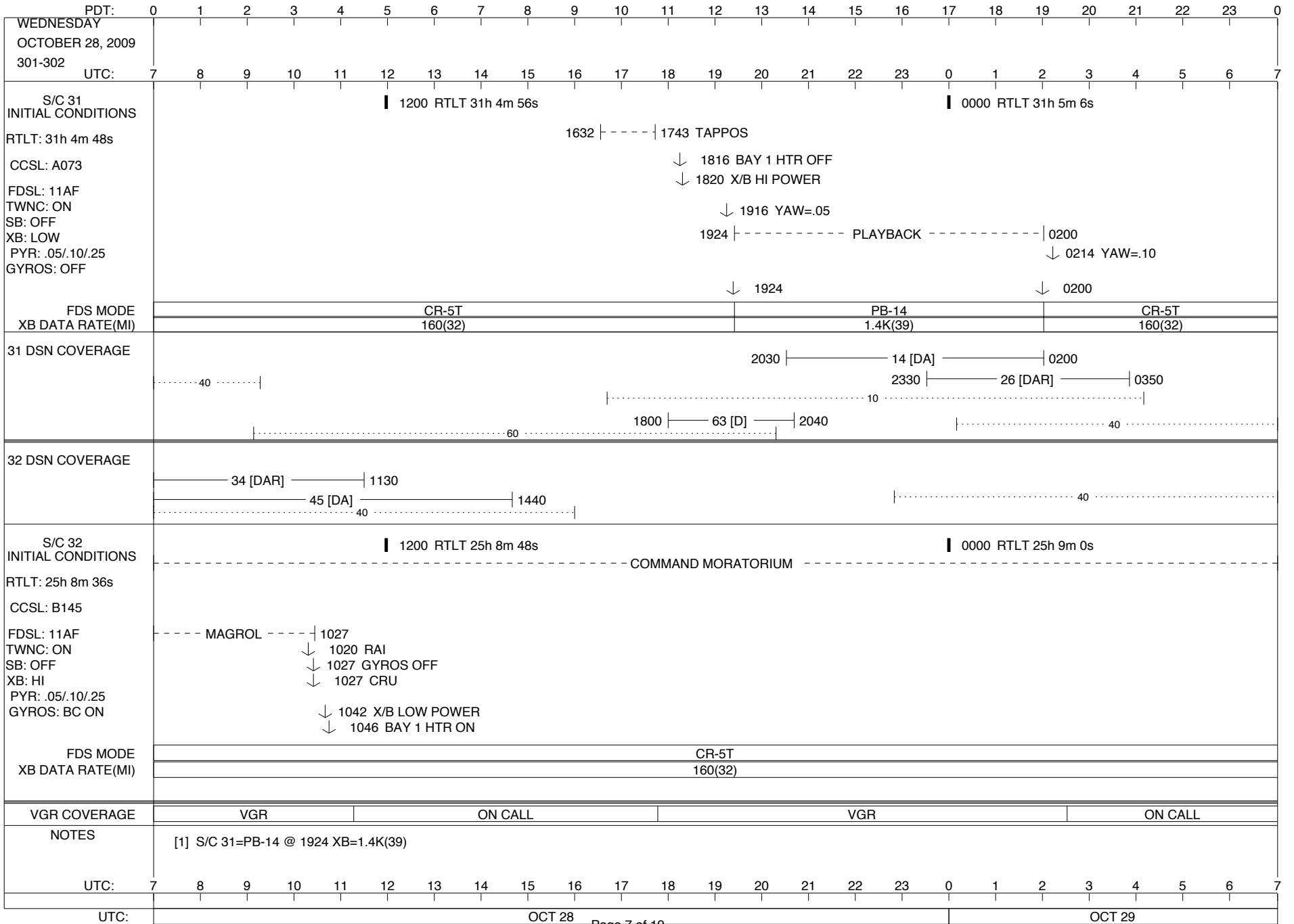




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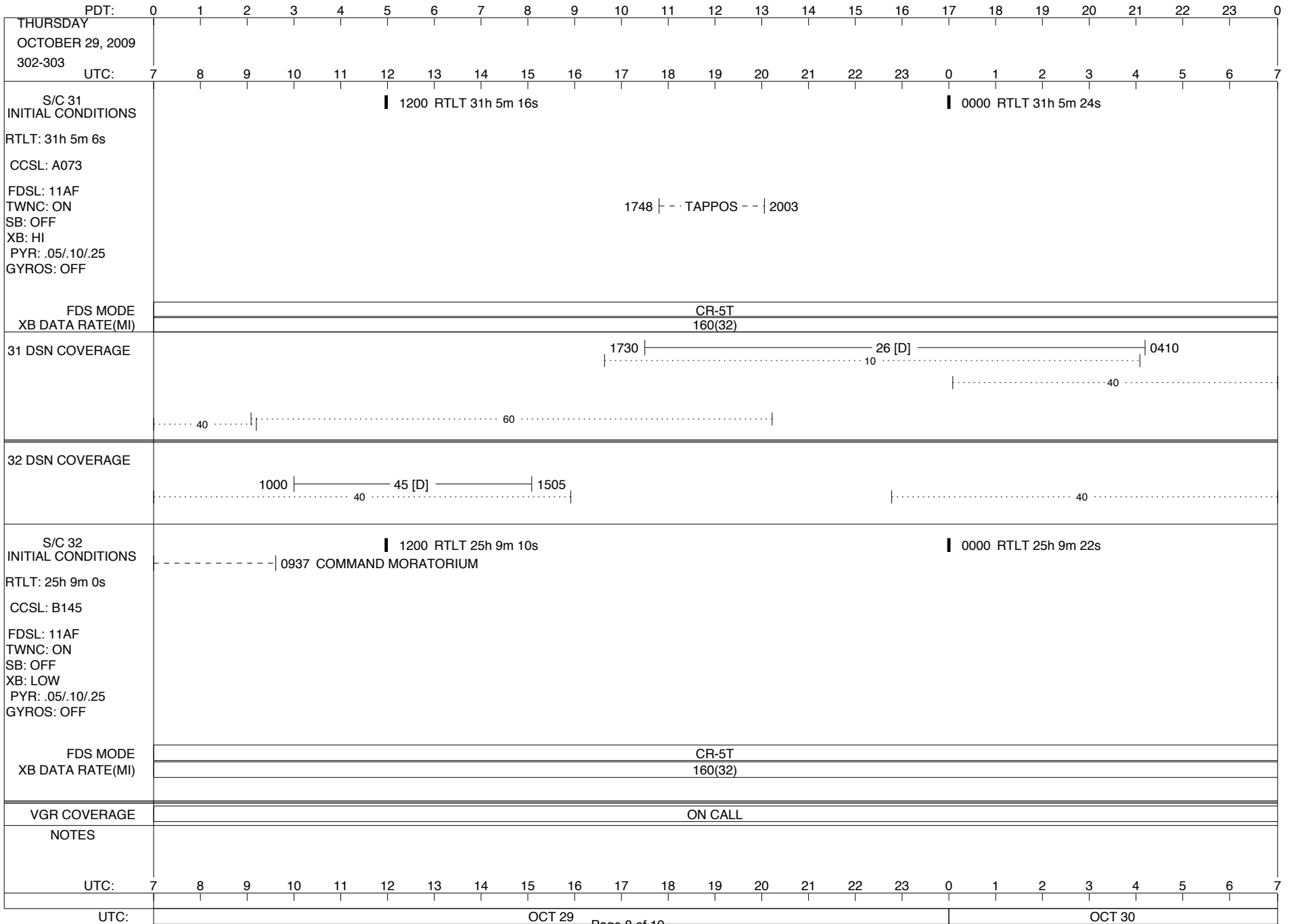
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TUESDAY OCTOBER 27, 2009 300-301	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 31h 4m 28s CCSL: A073 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 31h 4m 38s												0000 RTLT 31h 4m 48s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	1930  -----  15 [D]  -----  0220  -----  10  -----  40												0239   0239 PWS/RH ↓ 0239 GS-4B 0239												
32 DSN COVERAGE	0855  -----  45 [D]  -----  1440  -----  40  -----  60												0335  -----  34 [DAR]  -----  0335  -----  45 [DA]  -----   -----  40												
S/C 32 INITIAL CONDITIONS RTLT: 25h 8m 14s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: BC ON	1200 RTLT 25h 8m 26s												0000 RTLT 25h 8m 36s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												COMMAND MORATORIUM												
VGR COVERAGE	ON CALL												BAY 1 HTR OFF 0358 ↓ X/B HI POWER 0402 ↓ AAI 0428 ↓ 0431  --- MAGROL ---												
NOTES	[1] S/C 31=GS-4B @ 0239 XB=2.8K(41) NOT RECOVERABLE [2] S/C 32 D/L AGC & SNR VARIATIONS EXPECTED DURING MAGROL (0431-1026)																								
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:	OCT 27												OCT 28												

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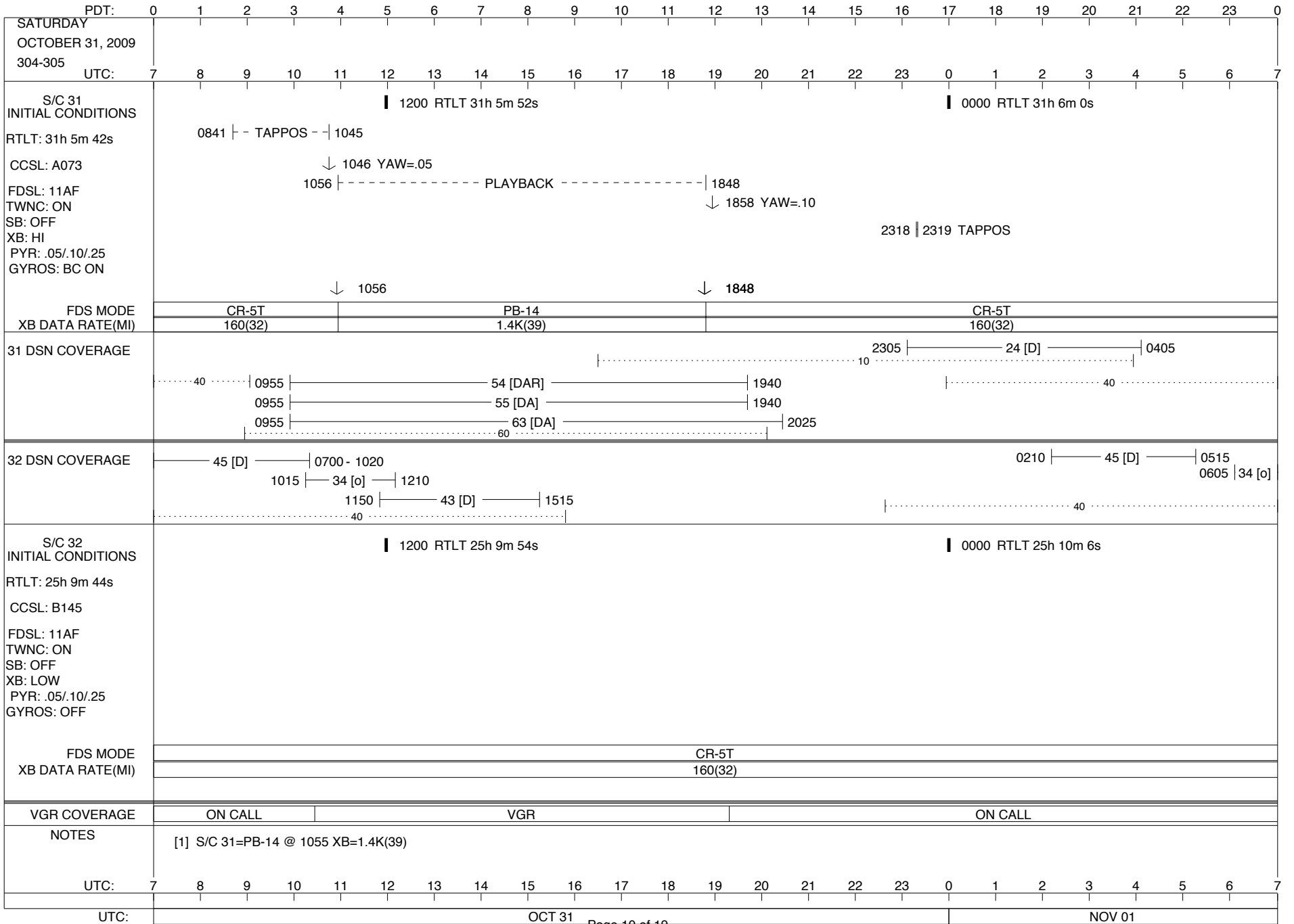


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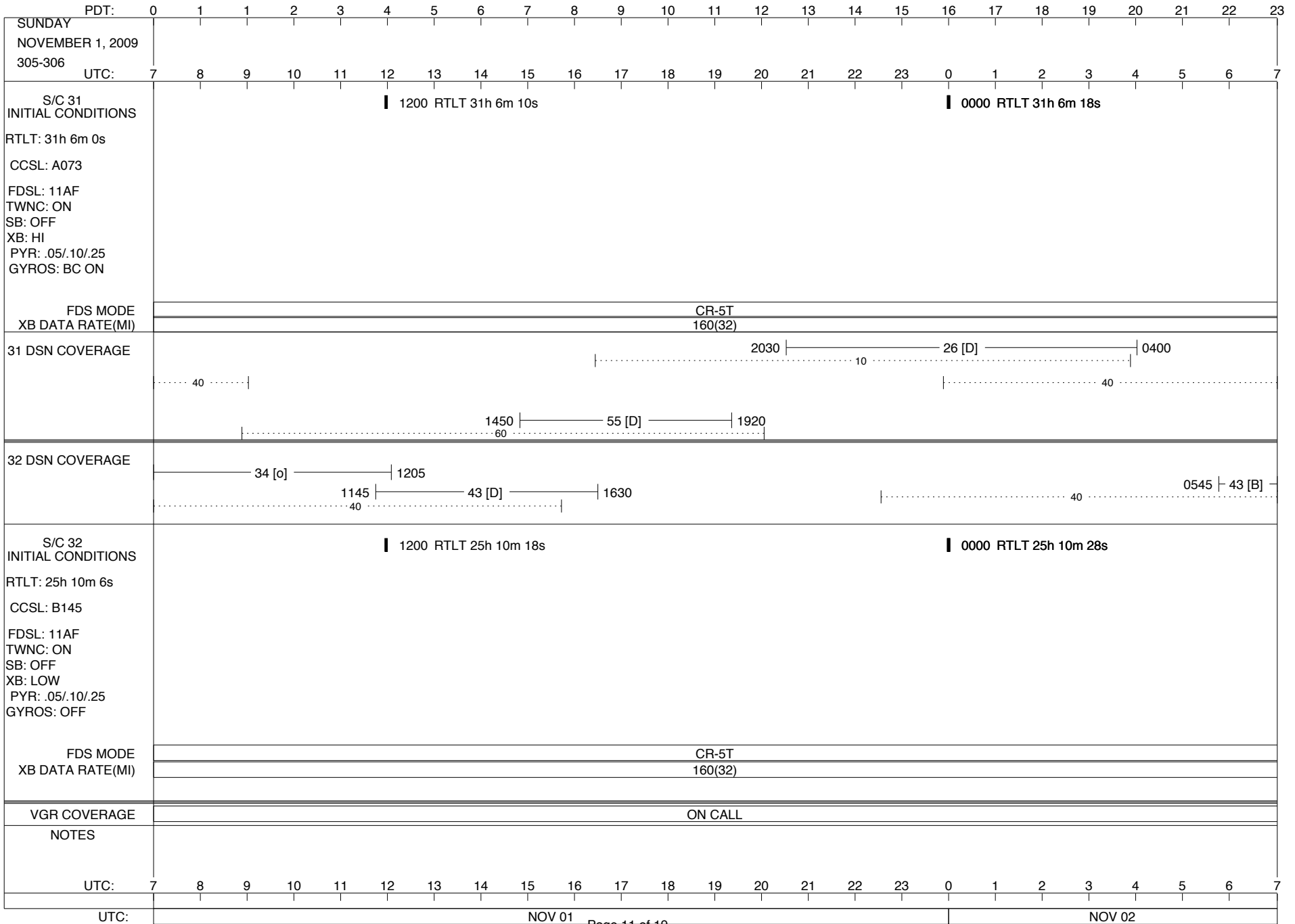


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FRIDAY OCTOBER 30, 2009 303-304																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLTL: 31h 5m 24s CCSL: A073 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF	1200 RTLTL 31h 5m 34s												0000 RTLTL 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	.....40.....  .....60.....												1615  -----15 [D]----- 0400  -----10-----  .....40.....													
32 DSN COVERAGE	.....40.....  .....60.....												1000  -----43 [D]----- 1635 .....40.....  .....40.....													
S/C 32 INITIAL CONDITIONS RTLTL: 25h 9m 22s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 25h 9m 32s												0000 RTLTL 25h 9m 44s													
FDS MODE XB DATA RATE(MI)													CR-5T 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	
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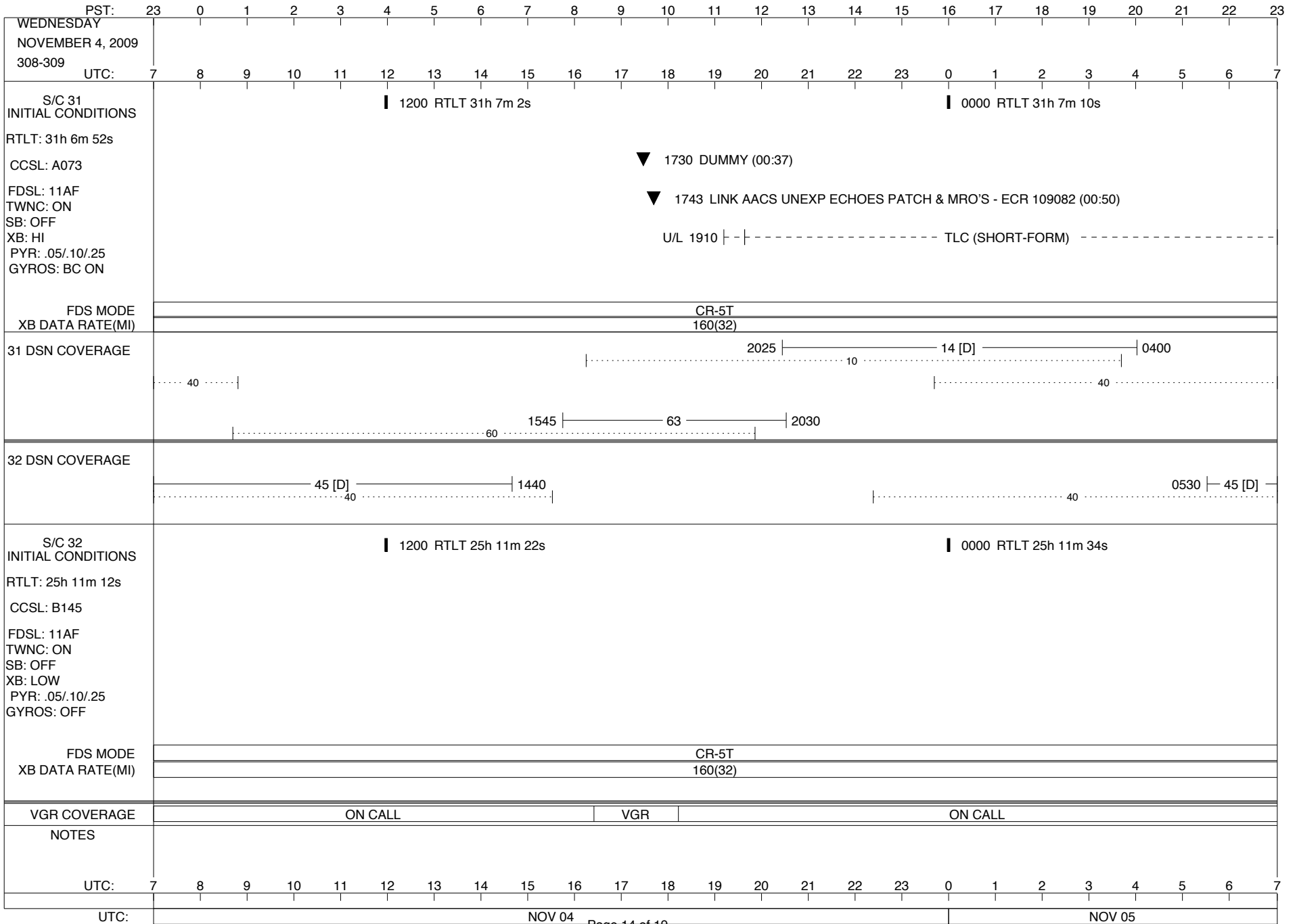
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MONDAY NOVEMBER 2, 2009 306-307																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLTL: 31h 6m 18s CCSL: A073 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON						█ 1200																					
FDS MODE												CR-5T															
XB DATA RATE(MI)												160(32)															
31 DSN COVERAGE																											
32 DSN COVERAGE																											
S/C 32 INITIAL CONDITIONS RTLTL: 25h 10m 28s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF						█ 1200																					
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:	NOV 02													NOV 03													

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		PST:	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
TUESDAY																											
NOVEMBER 3, 2009																											
307-308		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								1200													0000						
RTLT: 31h 6m 36s																											
CCSL: A073																											
FDSL: 11AF																											
TWNC: ON																											
SB: OFF																											
XB: HI																											
PYR: .05/10/25																											
GYROS: BC ON																											
FDS MODE																											
XB DATA RATE(MI)																											
31 DSN COVERAGE																											
32 DSN COVERAGE																											
S/C 32 INITIAL CONDITIONS								1200													0000						
RTLT: 25h 10m 50s																											
CCSL: B145																											
FDSL: 11AF																											
TWNC: ON																											
SB: OFF																											
XB: LOW																											
PYR: .05/10/25																											
GYROS: OFF																											
FDS MODE																											
XB DATA RATE(MI)																											
VGR COVERAGE																											
NOTES																											
UTC:																											
UTC:																											

- [1] S/C 31=EL-40 @ 1934 XB=40(30)
- [2] S/C 31=GS-4B @ 0215 XB=2.8K(41) NOT RECOVERABLE

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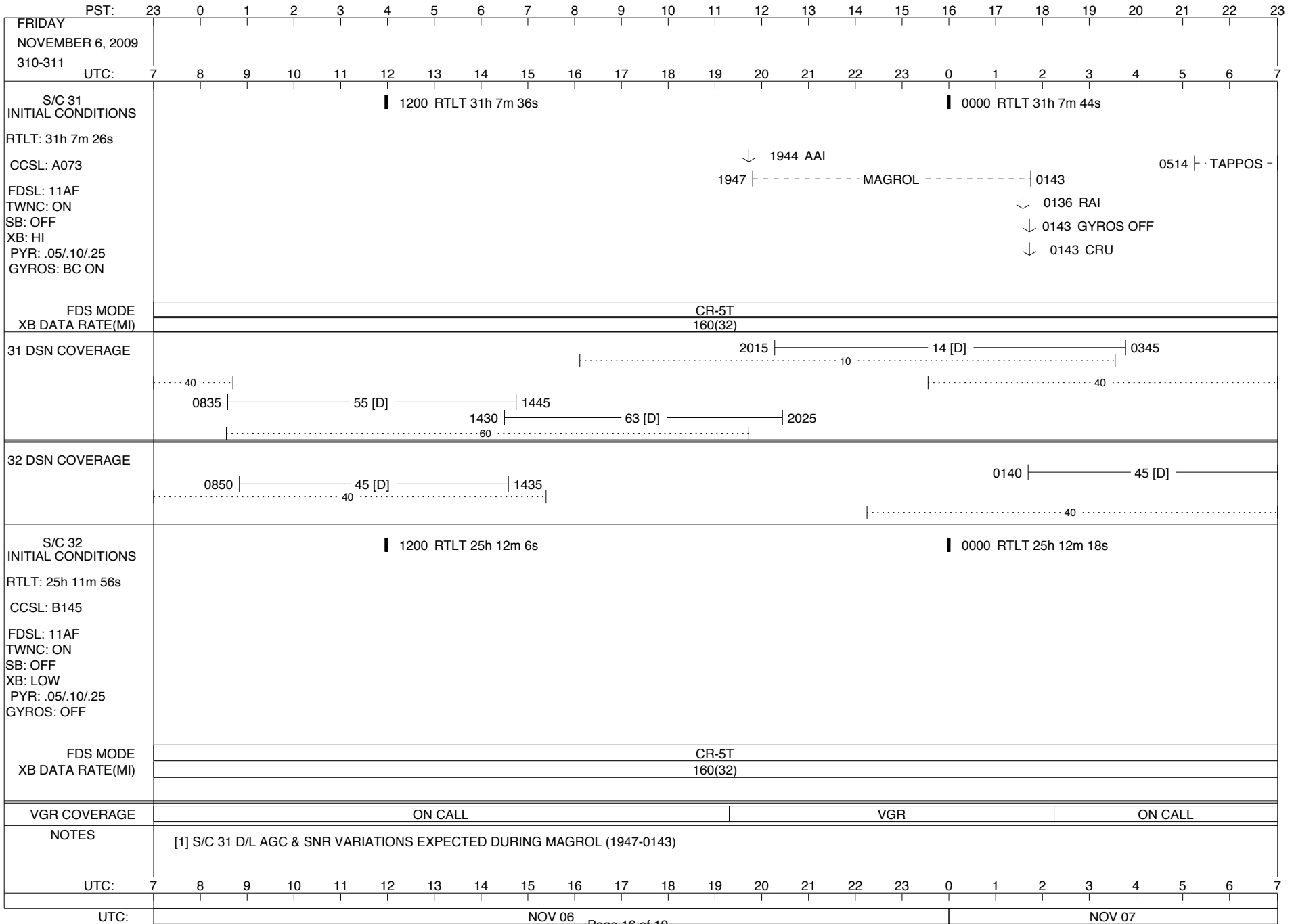


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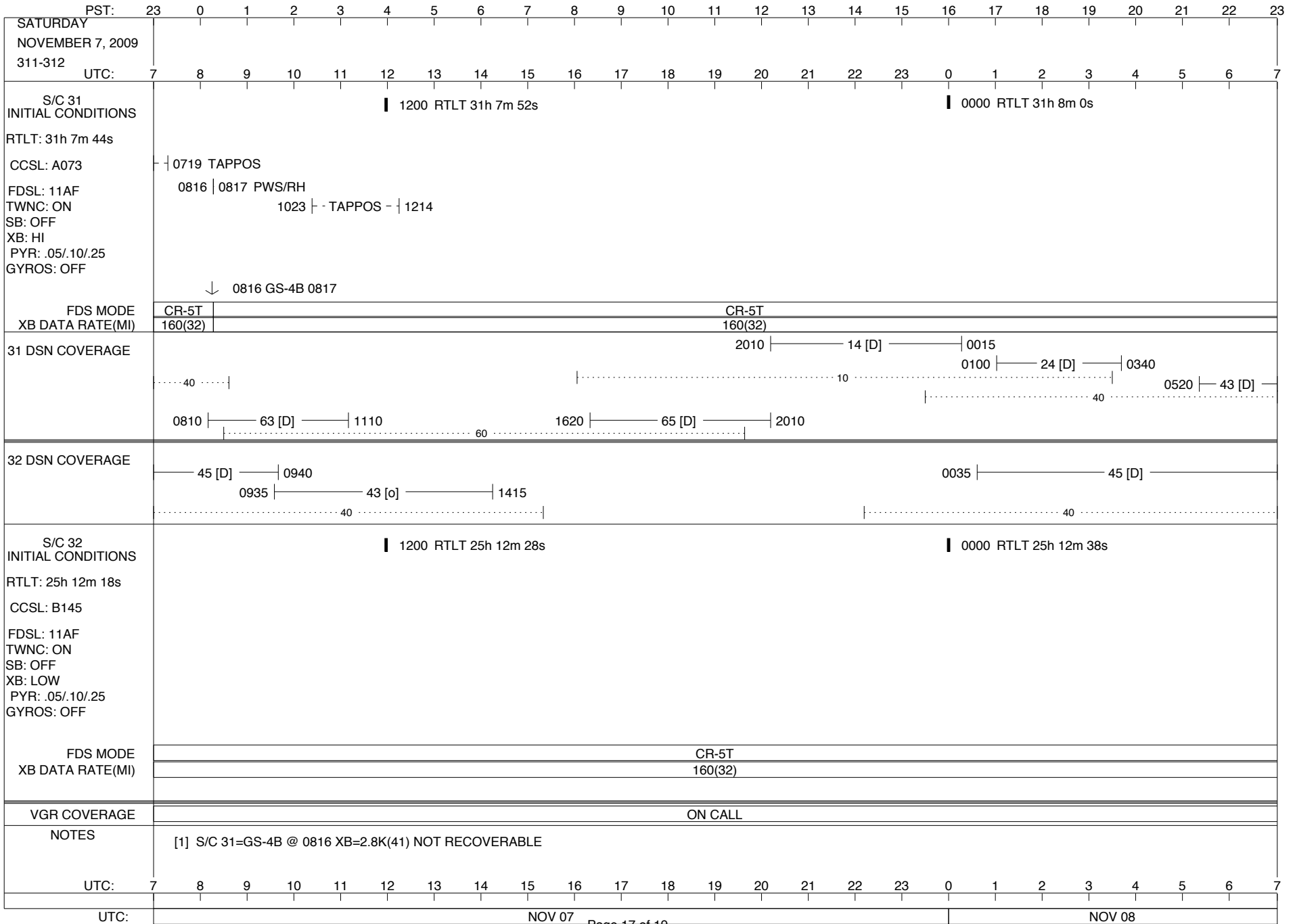
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THURSDAY NOVEMBER 5, 2009 309-310																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 31h 7m 10s CCSL: A073 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON						1200													0000						
LINK AACS UNEXP ECHOES PATCH - ECR 109082 0049↓ AACS MRO'S 0051    0057																									
TLC (SHORT-FORM) -----   D/L -   0345																									
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 25h 11m 34s CCSL: B145 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:																									



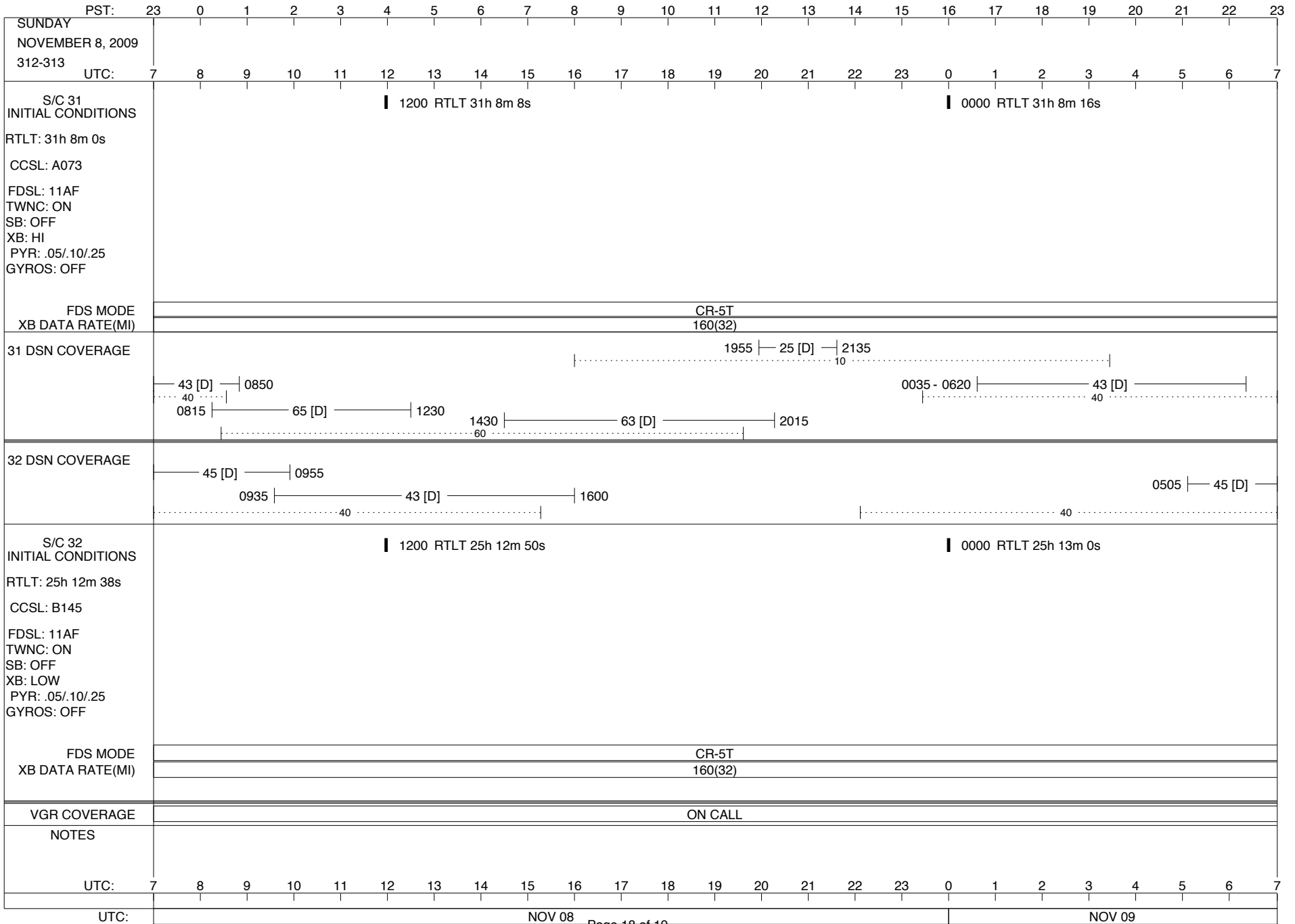
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		PST:	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
MONDAY NOVEMBER 9, 2009 313-314		UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLT: 31h 8m 16s CCSL: A073 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF		1200 RTLT 31h 8m 24s																										
FDS MODE XB DATA RATE(MI)																	CR-5T 160(32)											
31 DSN COVERAGE		1540  -----  15 [D]  -----  2345 ..... 40 ..... 0830  -----  63 [D]  -----  1010 ..... 60 .....																										
32 DSN COVERAGE		-----  0755 45 [D]  -----  43 [H]  -----  0735 - 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  ▼ 0935 DUMMY ▼ 0942 EL-40 ▼ 1004 CCSL B146 ▼ 1042 CR-5T																										
FDS MODE XB DATA RATE(MI)																	CR-5T 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:		NOV 09															NOV 10											