

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: February 10, 2010

For the Period: 02/11/2010 to 03/01/2010 (10-042 – 10-060)

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- Howard, S. (3)
- 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

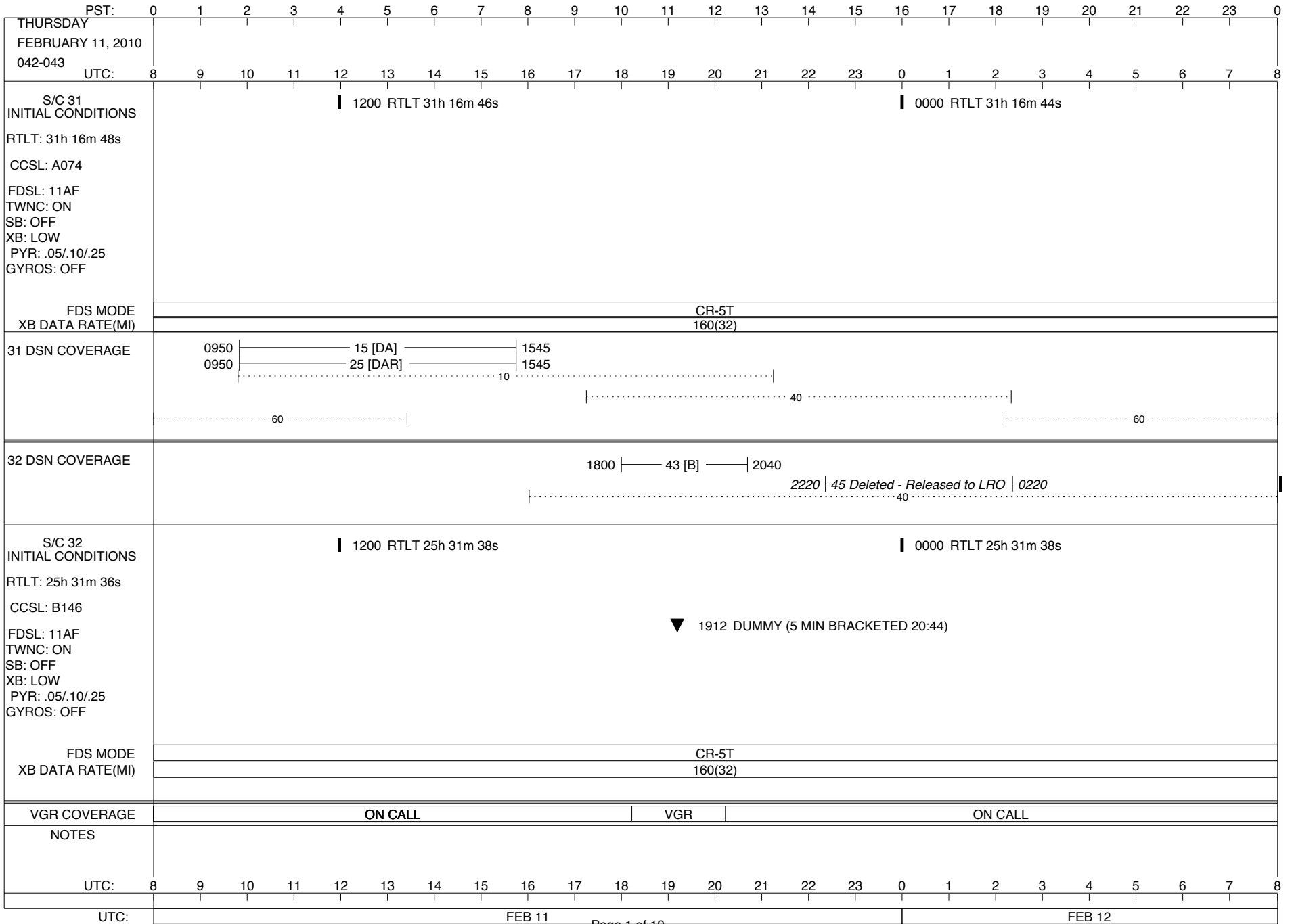
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LEGEND:

- ∇ = 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

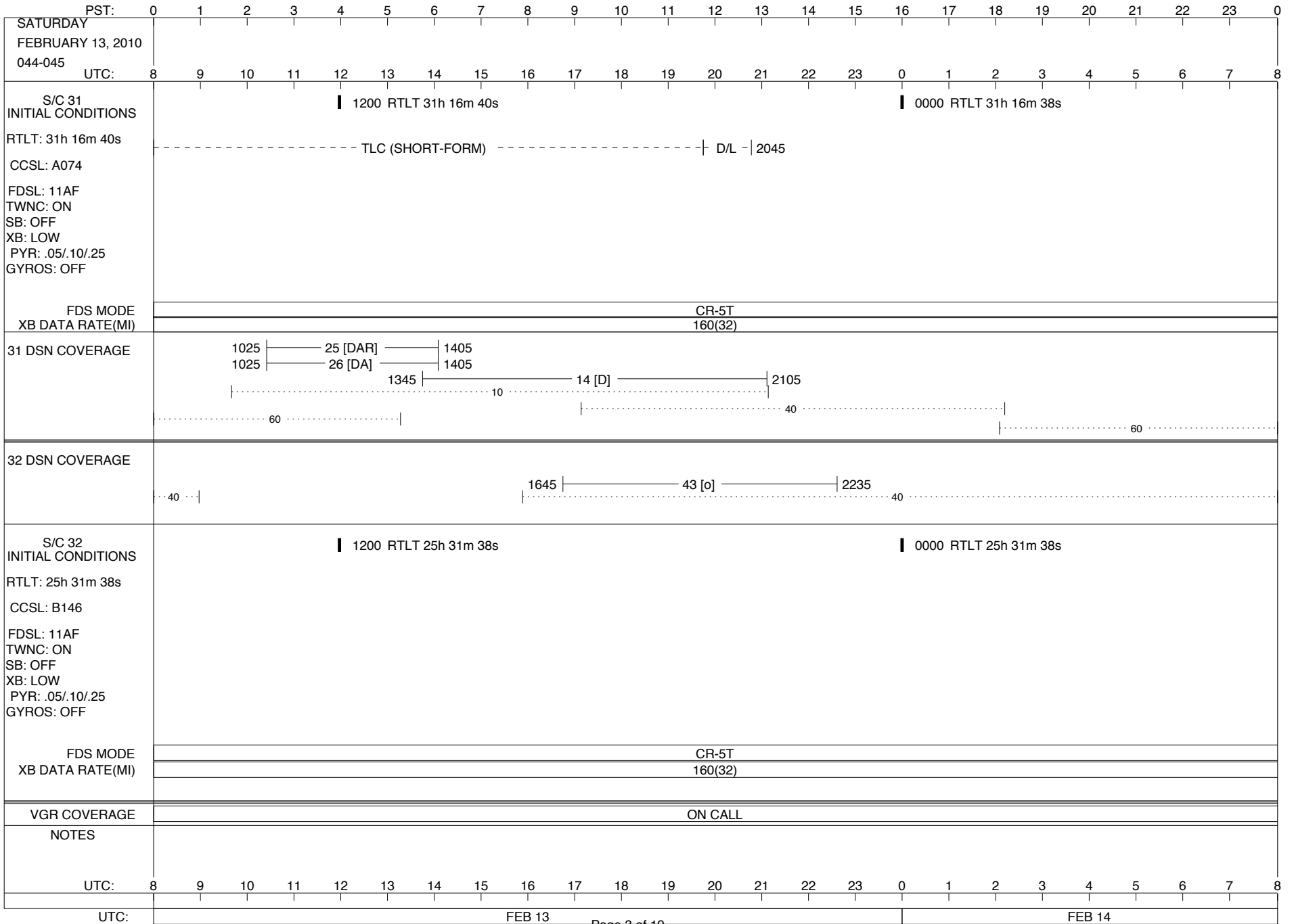
ISSUE DATE: 02/16/10 20:00



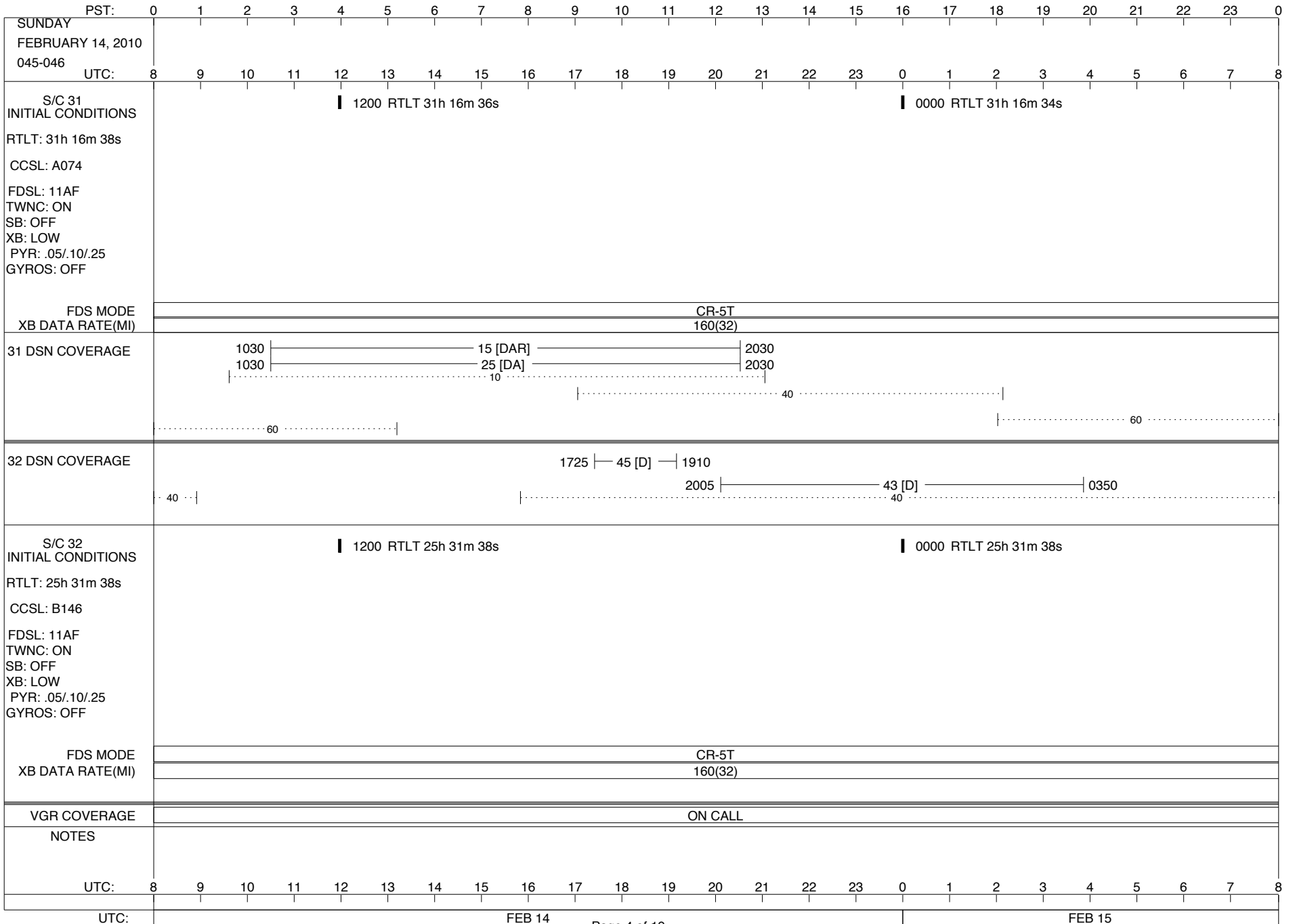
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S/C 31 INITIAL CONDITIONS	█ 1200 RTLT 31h 16m 42s														█ 0000 RTLT 31h 16m 40s													
RTLTL: 31h 16m 44s	U/L 1200 - ----- TLC (SHORT-FORM) -----																											
CCSL: A074	2342 2355 TAPPOS																											
FDSL: 11AF	0244 0245 PWS/RH																											
TWNC: ON	0452 0452 TAPPOS																											
SB: OFF																												
XB: LOW																												
PYR: .05/.10/.25																												
GYROS: OFF																												
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														160(32)													
31 DSN COVERAGE	1110 ----- 14 [T] ----- 2010 ----- 10 ----- ----- 40 ----- ----- 60 -----																											
32 DSN COVERAGE	40 ----- 1645 ----- 45 [D] ----- 2140 ----- 40 -----																											
S/C 32 INITIAL CONDITIONS	█ 1200 RTLT 25h 31m 38s														█ 0000 RTLT 25h 31m 38s													
RTLTL: 25h 31m 38s																												
CCSL: B146																												
FDSL: 11AF																												
TWNC: ON																												
SB: OFF																												
XB: LOW																												
PYR: .05/.10/.25																												
GYROS: OFF																												
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														160(32)													
VGR COVERAGE	ON CALL																											
NOTES	[1] S/C 31=GS-4B @ 0244 XB=2.8K(41) NOT RECOVERABLE																											
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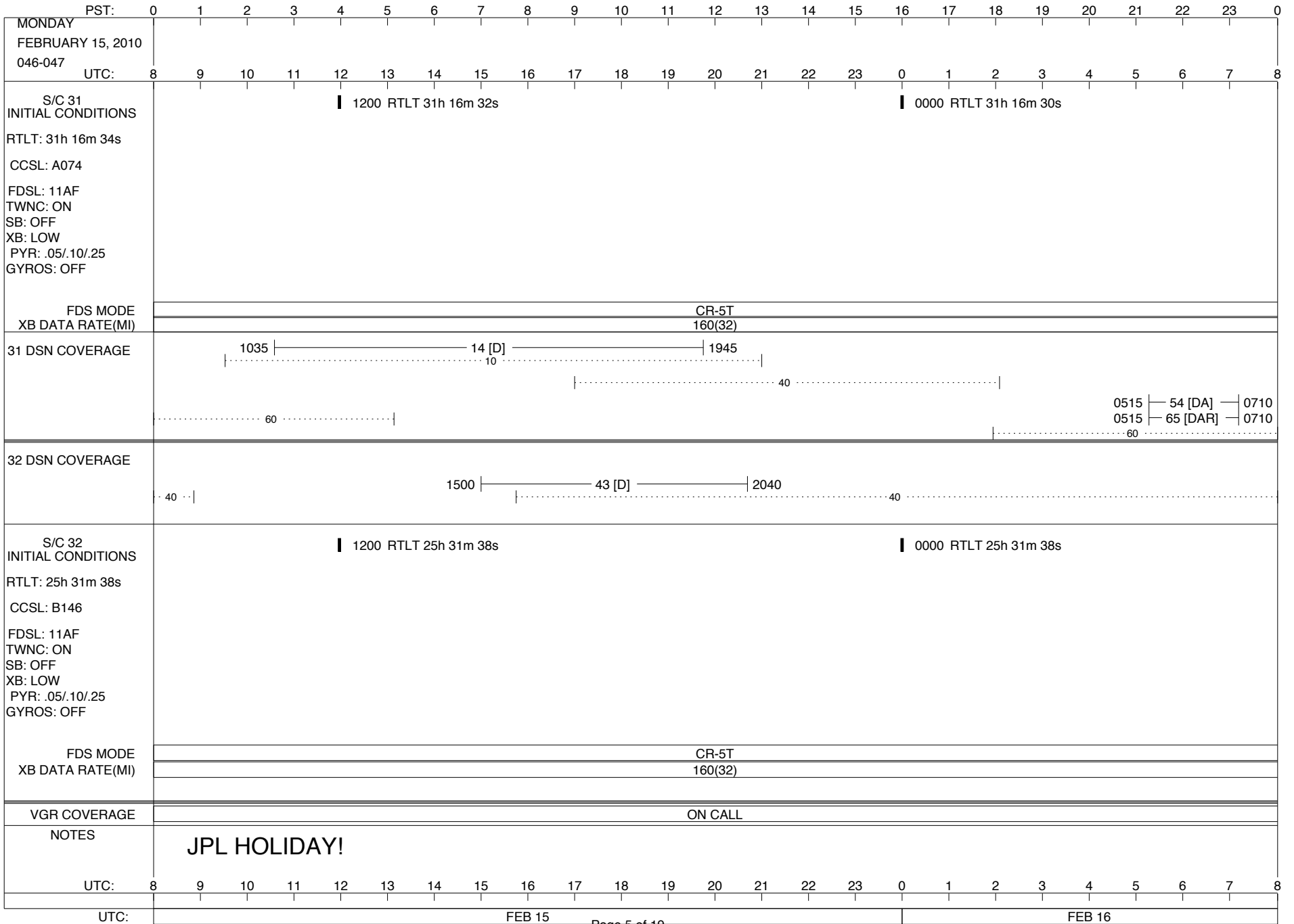
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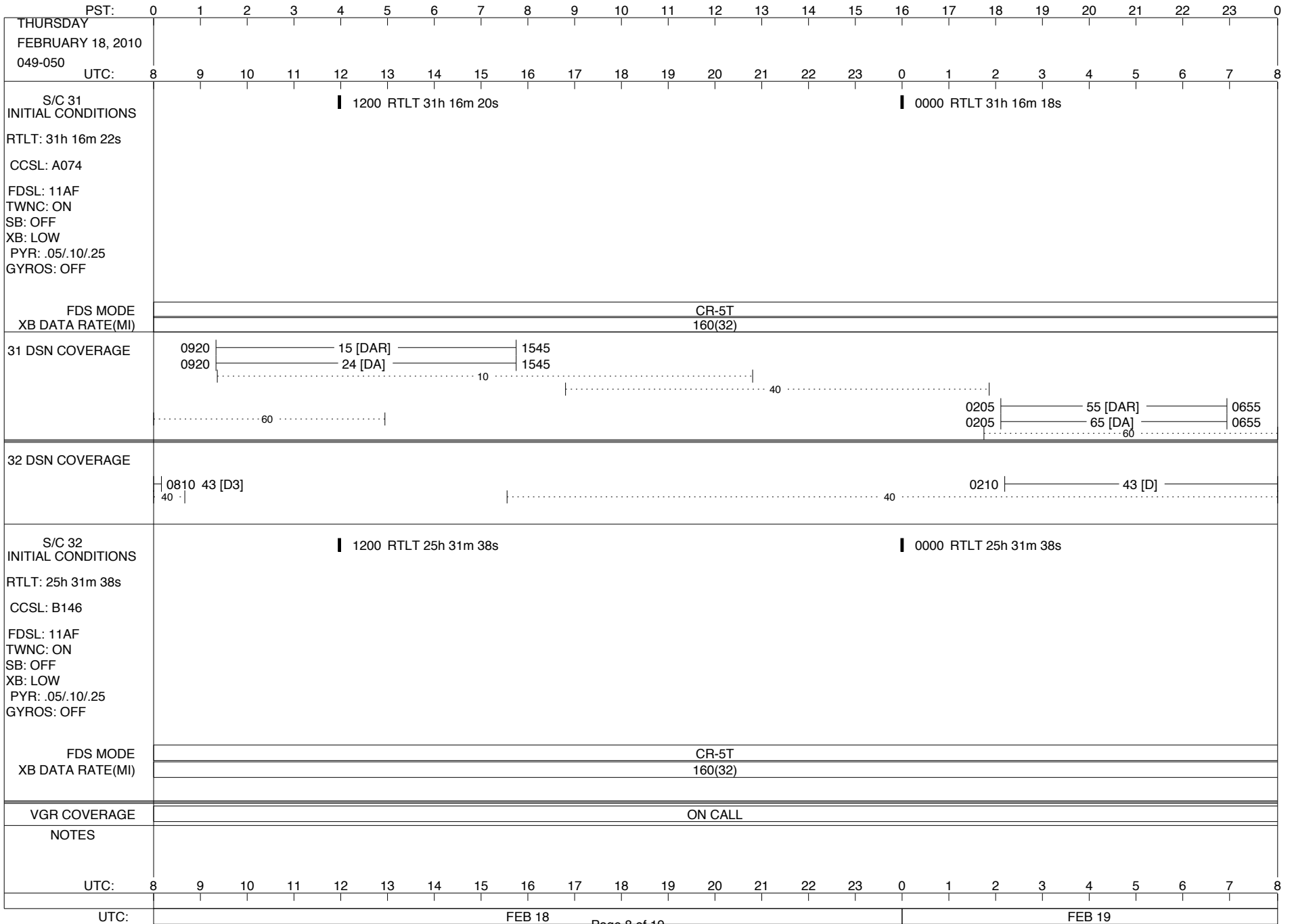


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TUESDAY																																							
FEBRUARY 16, 2010																																							
047-048																																							
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S/C 31 INITIAL CONDITIONS RTLT: 31h 16m 30s CCSL: A074 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 31h 16m 28s												0000 RTLT 31h 16m 26s																										
															2020 2021 PWS/RH																								
															↓ 2020 GS-4B 2021																								
	FDS MODE														CR-5T																								
	XB DATA RATE(MI)														160(32)																								
31 DSN COVERAGE		1010 ----- 14 [D] ----- 1545 ----- 10 ----- ----- 40 ----- ----- 60 -----																																					
32 DSN COVERAGE		1745 ----- 43 [H] ----- 2250 ----- 40 ----- ----- 40 ----- 0130 ----- 43 [D] ----- 0600																																					
S/C 32 INITIAL CONDITIONS RTLT: 25h 31m 38s CCSL: B146 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 25h 31m 38s												0000 RTLT 25h 31m 38s																										
															▼ 1825 DUMMY (19:57) ▼ 1833 EL-40 (20:05) ▼ 1855 CCSL B147 (20:26) ▼ 1933 CR-5T (21:05)																								
	FDS MODE														CR-5T																								
	XB DATA RATE(MI)														160(32)																								
VGR COVERAGE		ON CALL														VGR														ON CALL									
NOTES		[1] S/C 31=GS-4B @ 2020 XB=2.8K(41) NOT RECOVERABLE																																					
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ISSUE DATE: 02/16/10 20:00

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S/C 31 INITIAL CONDITIONS RTLTL: 31h 16m 26s CCSL: A074 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 31h 16m 24s												█ 0000 RTLTL 31h 16m 22s																	
FDS MODE													CR-5T																	
XB DATA RATE(MI)													160(32)																	
31 DSN COVERAGE	0920 ----- 14 ----- 1545 ----- 10 ----- ----- 40 ----- ----- 60 -----																													
32 DSN COVERAGE	----- 40 ----- ----- 1720 ----- 43 [D3] ----- 40 -----																													
S/C 32 INITIAL CONDITIONS RTLTL: 25h 31m 38s CCSL: B146 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 25h 31m 38s												█ 0000 RTLTL 25h 31m 38s																	
FDS MODE													2035 2039 B147 CHKSUM																	
XB DATA RATE(MI)	CR-5T												EL-40 2006 ↓ ↓ 2106 CR-5T																	
	160(32)												40(30)																	
													CR-5T																	
													160(32)																	
VGR COVERAGE	ON CALL						VGR						ON CALL						VGR						ON CALL					
NOTES	[1] S/C 32=EL-40 XB=40(30) @ 2006 [2] S/C 32=CR-5T XB=160(32) @ 2106 [3] B147 U/L BACKUP																													
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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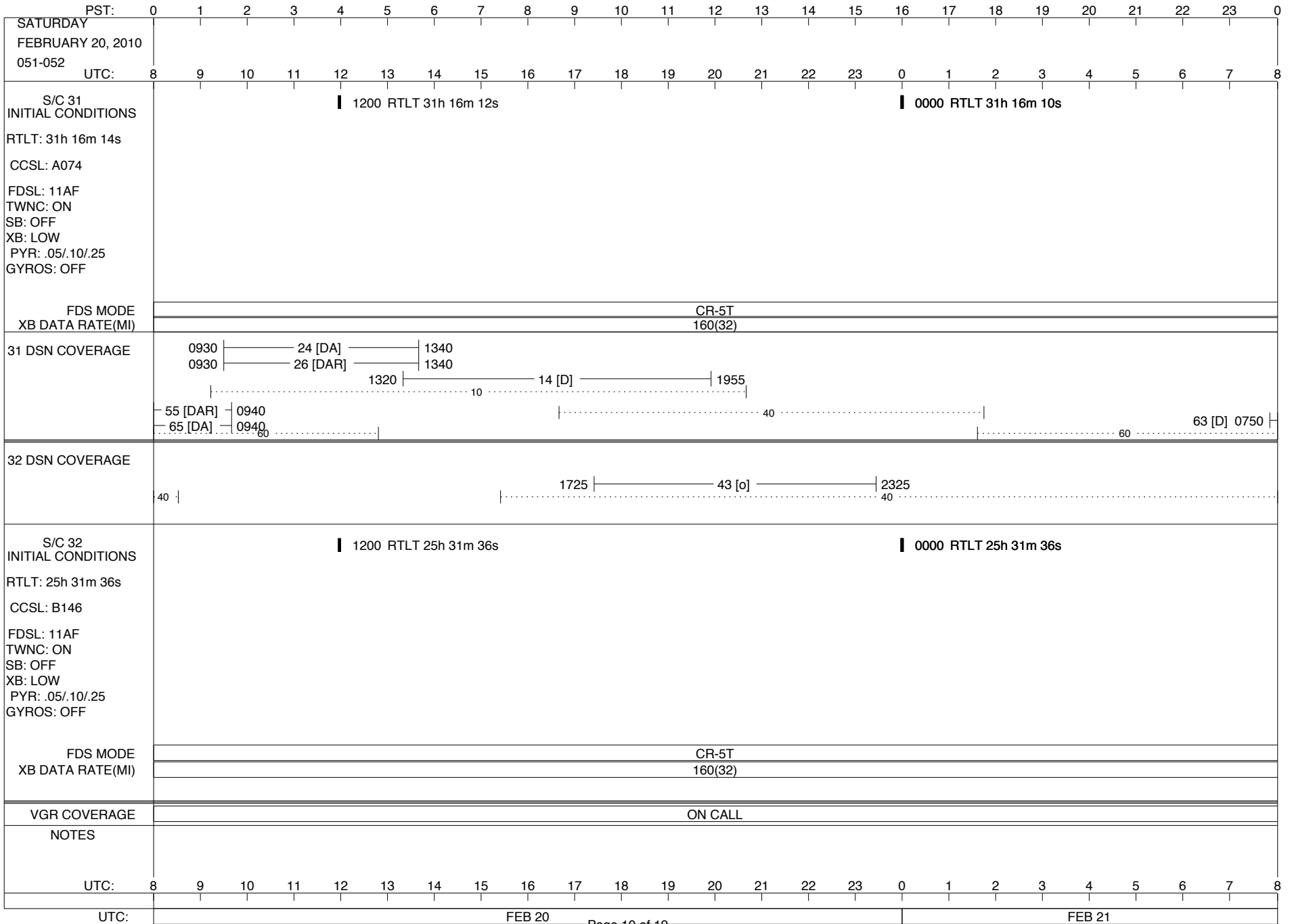
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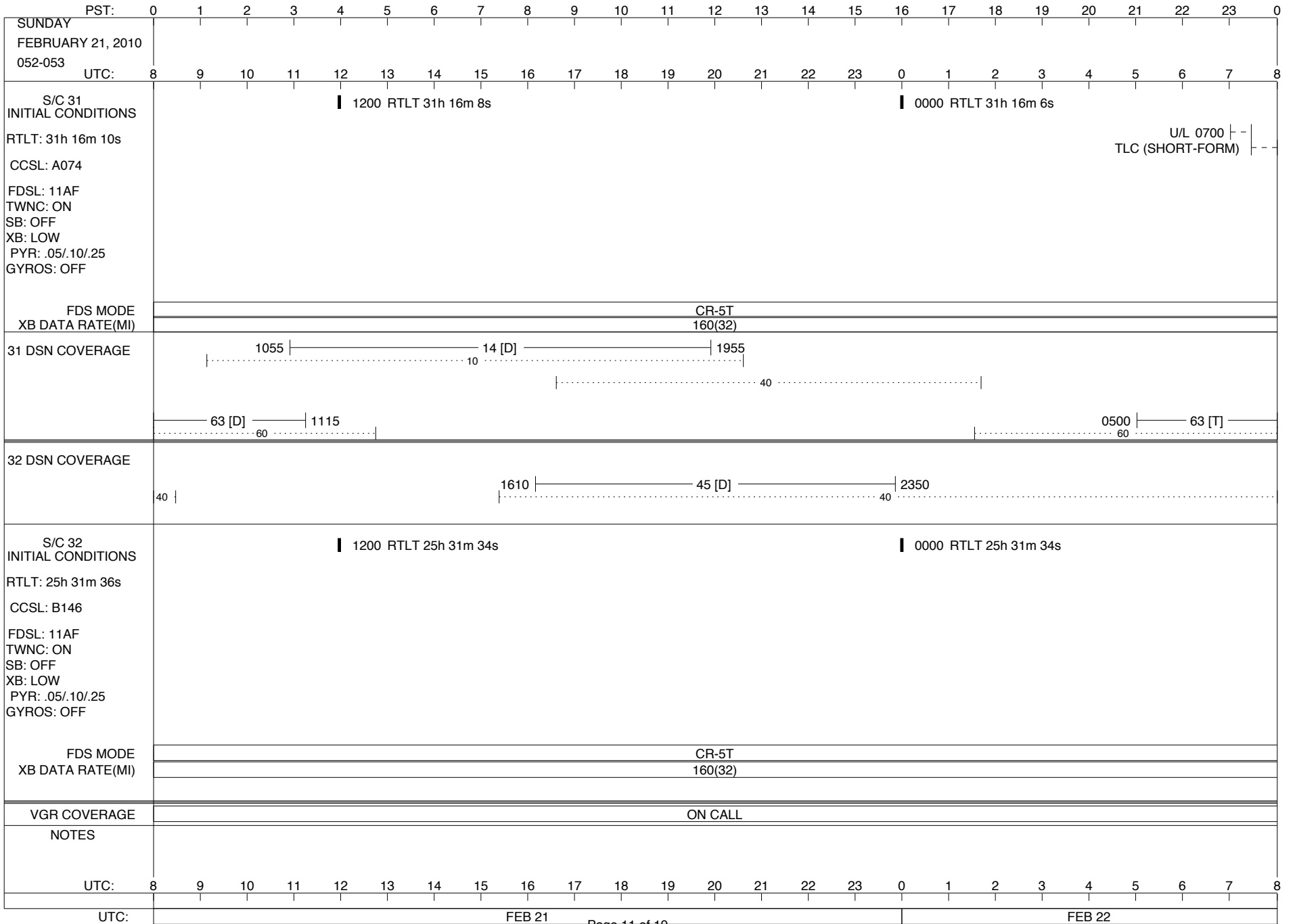
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S/C 31 INITIAL CONDITIONS	1200 RTLT 31h 16m 16s												0000 RTLT 31h 16m 14s												
RTLT: 31h 16m 18s																									
CCSL: A074																									
FDSL: 11AF																									
TWNC: ON																									
SB: OFF																									
XB: LOW																									
PYR: .05/.10/.25																									
GYROS: OFF																									
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS	1200 RTLT 25h 31m 36s												0000 RTLT 25h 31m 36s												
RTLT: 25h 31m 38s																									
CCSL: B146																									
FDSL: 11AF																									
TWNC: ON																									
SB: OFF																									
XB: LOW																									
PYR: .05/.10/.25																									
GYROS: OFF																									
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 0220 XB=2.8K(41) NOT RECOVERABLE																								
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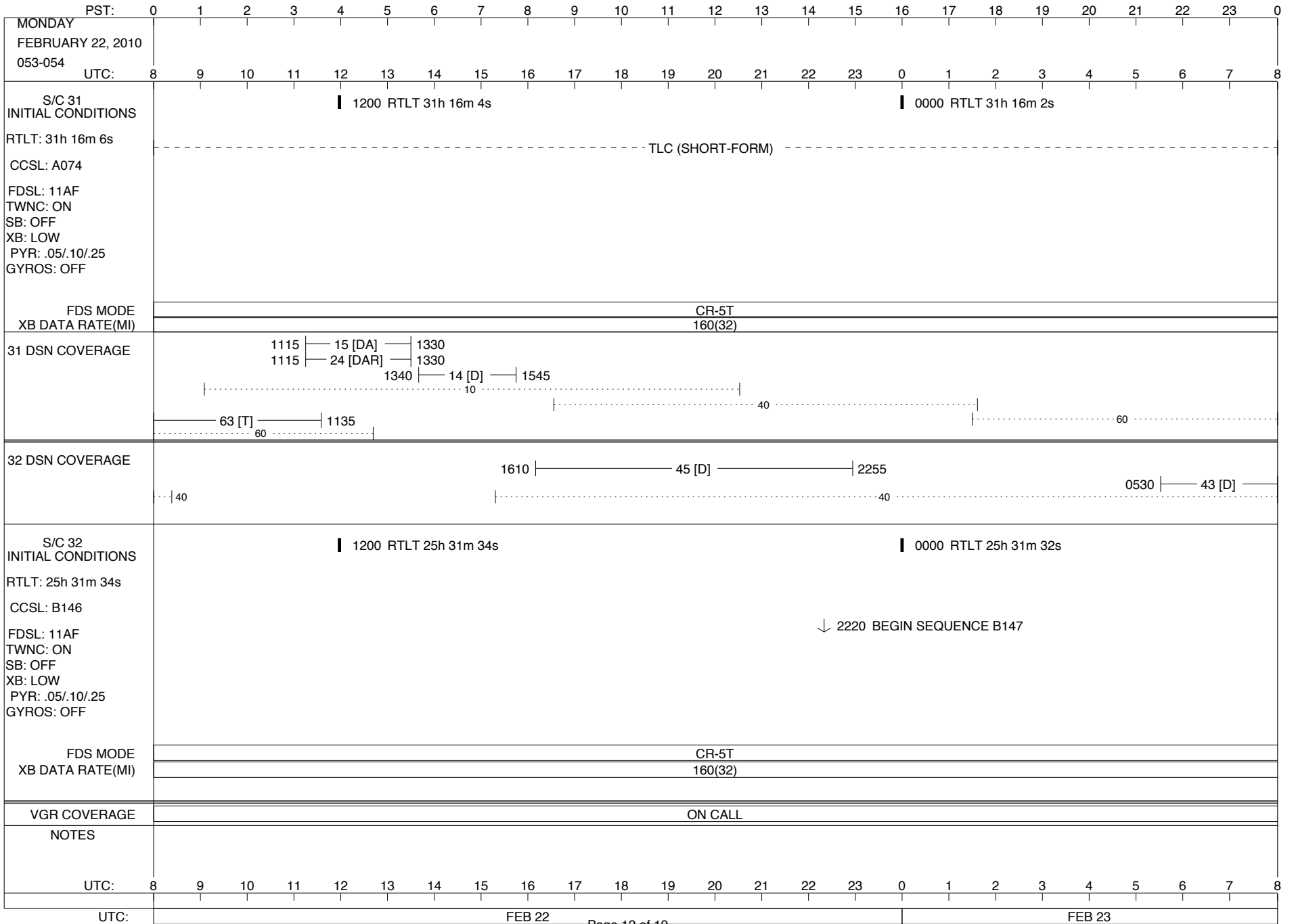
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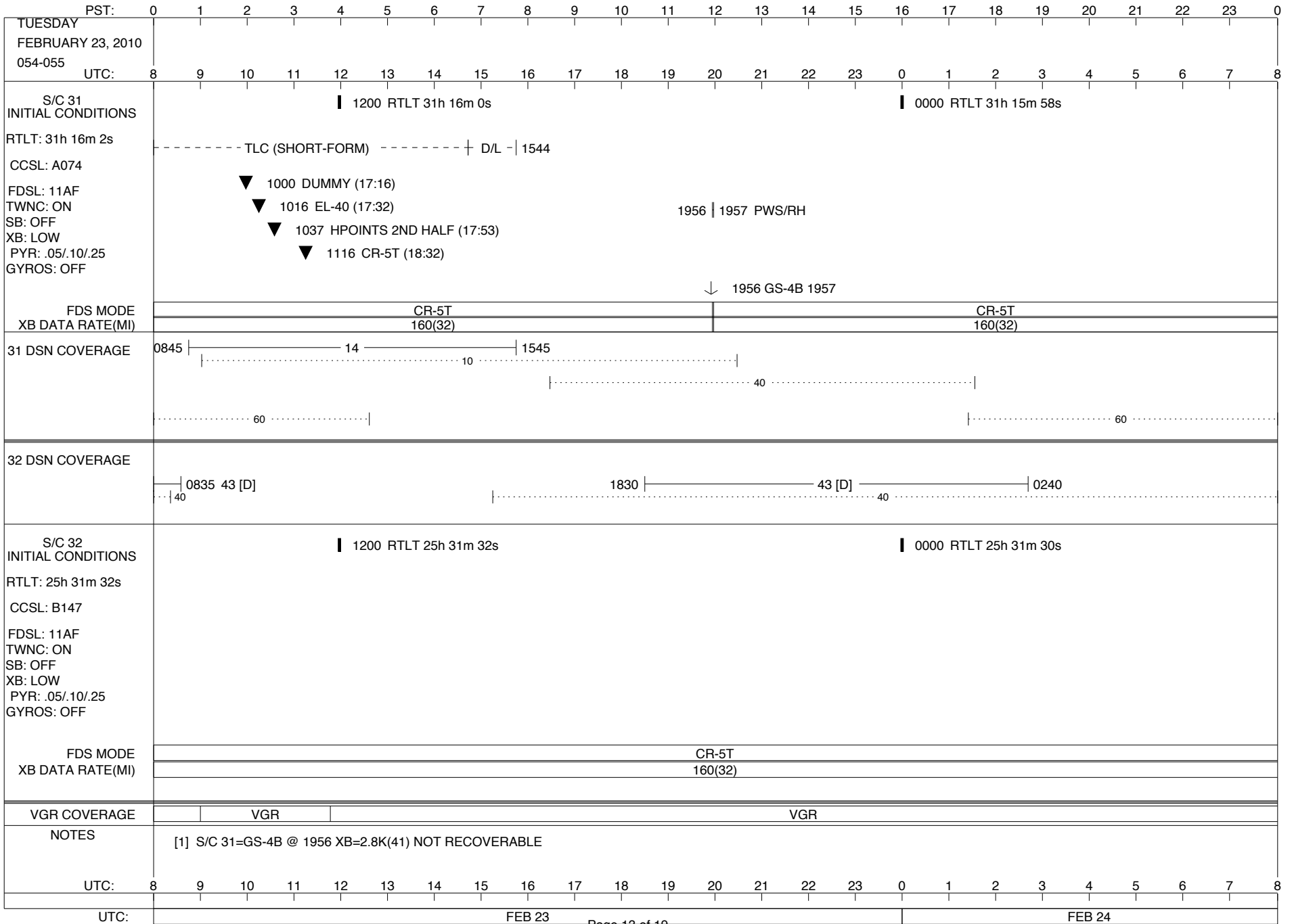
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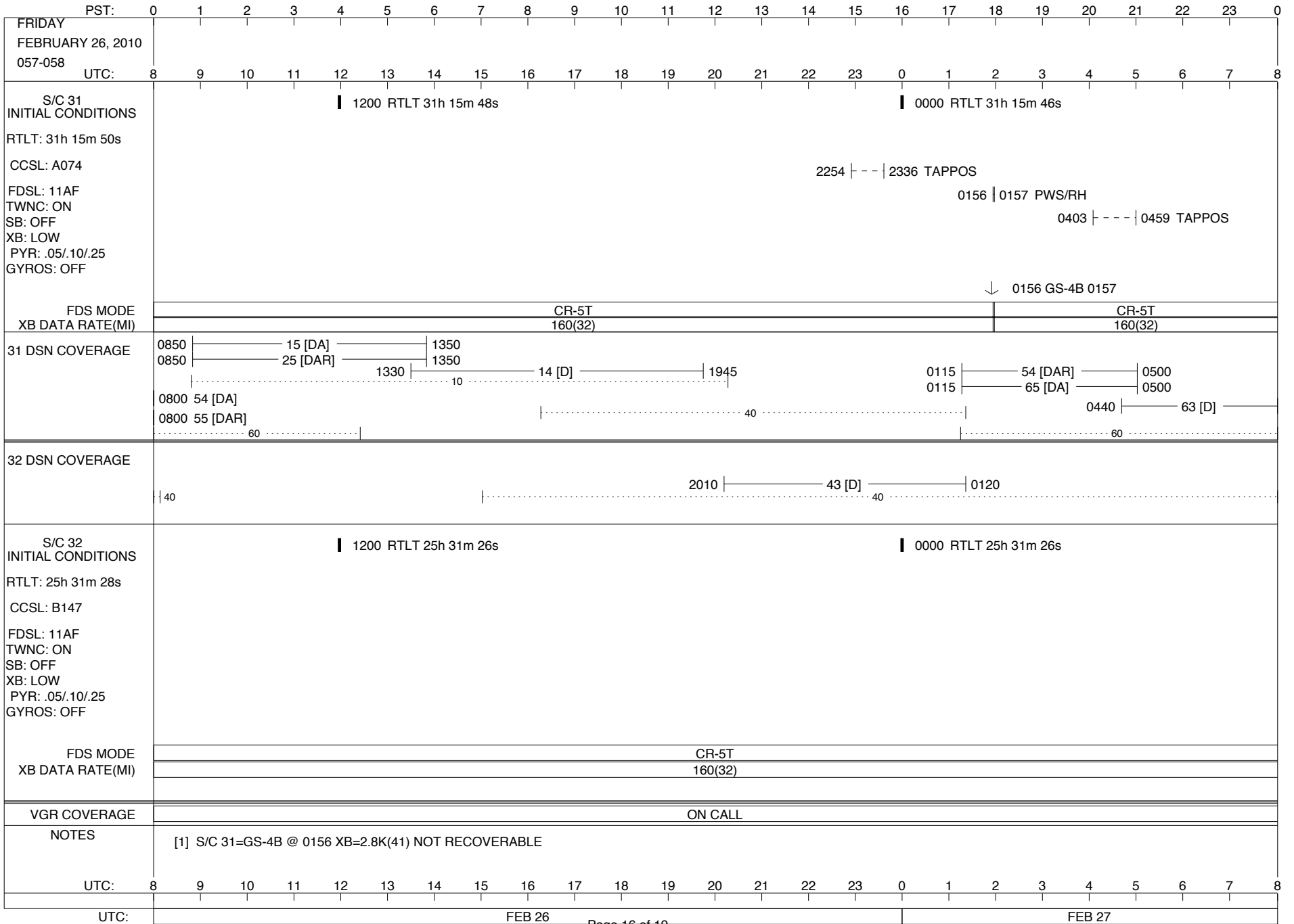
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WEDNESDAY																													
FEBRUARY 24, 2010																													
055-056																													
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S/C 31 INITIAL CONDITIONS		1200 RTLT 31h 15m 56s														0000 RTLT 31h 15m 54s													
RTLT: 31h 15m 58s																													
CCSL: A074																													
FDSL: 11AF																													
TWNC: ON																													
SB: OFF																													
XB: LOW																													
PYR: .05/10/25																													
GYROS: OFF																													
FDS MODE		CR-5T														EL-40				CR-5T									
XB DATA RATE(MI)		160(32)														40(30)				160(32)									
31 DSN COVERAGE		<p>0900 ----- 15 [DA] ----- 1350 0900 ----- 25 [DAR] ----- 1350 ----- 1330 ----- ----- 14 [D] ----- 2040 ----- 10 ----- ----- 40 ----- ----- 60 ----- ----- 40 ----- ----- 60 ----- </p>																											
32 DSN COVERAGE		<p> ----- 40 ----- ----- 45 [D] ----- 2245 ----- 40 ----- ----- 40 ----- </p>																											
S/C 32 INITIAL CONDITIONS		1200 RTLT 25h 31m 30s														0000 RTLT 25h 31m 30s													
RTLT: 25h 31m 30s																													
CCSL: B147																													
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		VGR														VGR				ON CALL									
NOTES		[1] S/C 31=EL-40 @ 1733 XB=40(30) [2] S/C 31=CR-5T @ 1833 XB=160(32)																											
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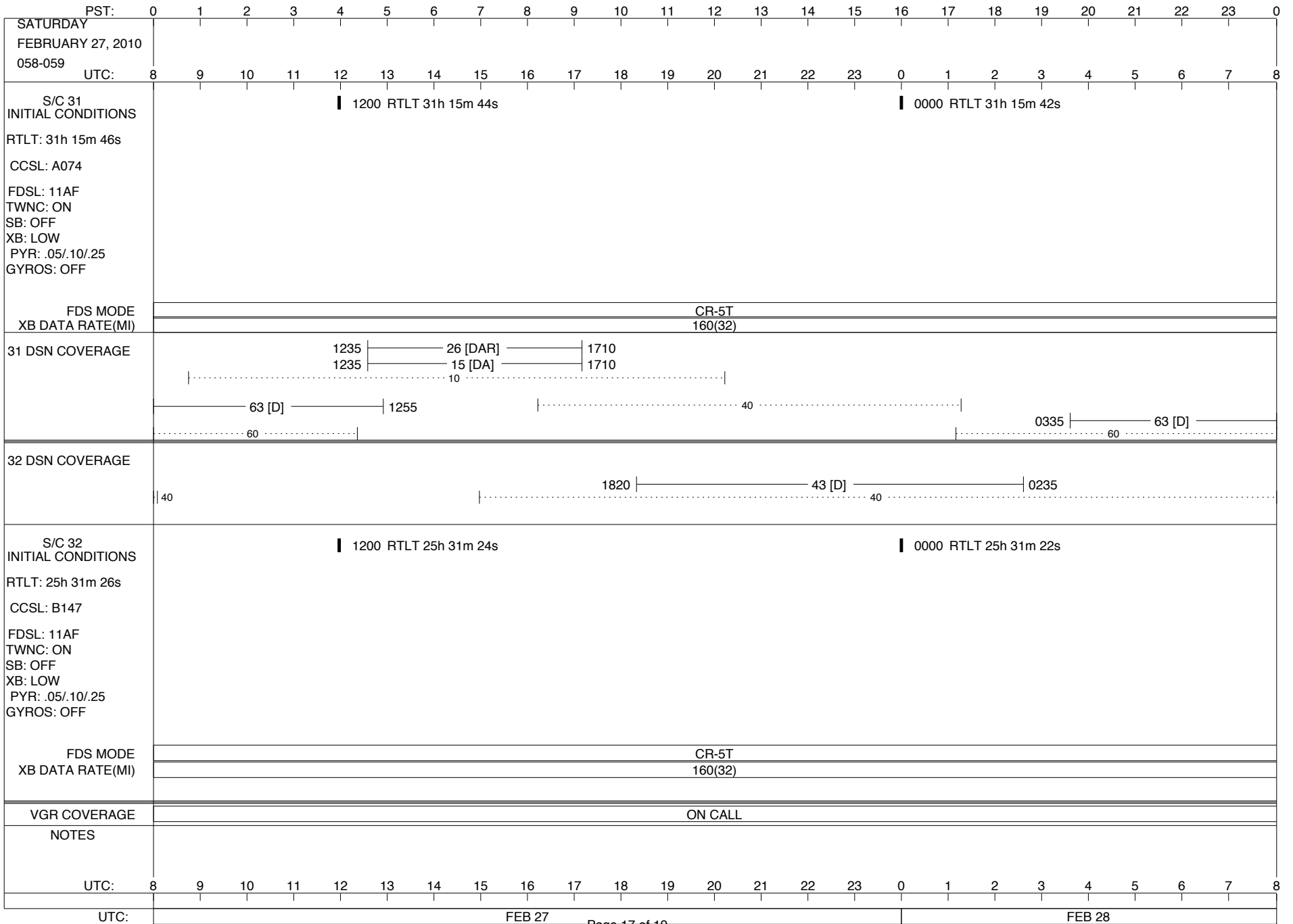
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S/C 31 INITIAL CONDITIONS RTLT: 31h 15m 54s CCSL: A074 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 31h 15m 52s													0000 RTLT 31h 15m 50s													
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	0915 ----- 14 [D1] ----- 1545 ----- 10 ----- ----- 40 ----- ----- 60 ----- 0520 - 0800 ----- 54 [DA] ----- 0520 - 0800 ----- 55 [DAR] ----- ----- 60 -----																										
32 DSN COVERAGE	40 ----- 1845 ----- 43 [B] ----- 0045 ----- 40 -----																										
S/C 32 INITIAL CONDITIONS RTLT: 25h 31m 30s CCSL: B147 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 25h 31m 28s													0000 RTLT 25h 31m 28s													
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
VGR COVERAGE	ON CALL													VGR					ON CALL								
NOTES	[1] VGR1 HPOINT 2 U/L BACKUP																										
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:	FEB 25													Page 15 of 19					FEB 26								

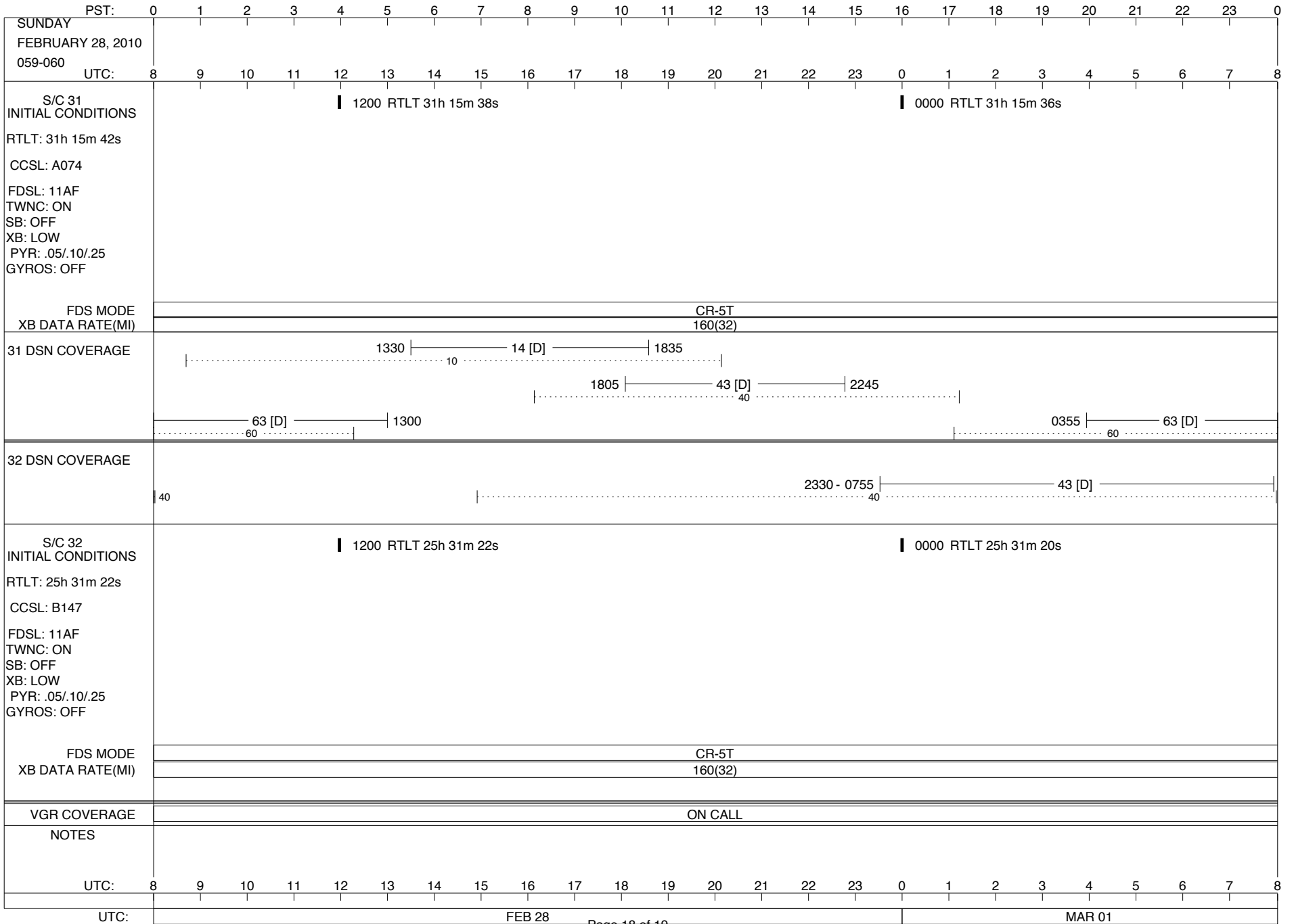
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MONDAY MARCH 1, 2010 060-061																												
S/C 31 INITIAL CONDITIONS RTLT: 31h 15m 36s CCSL: A074 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 31h 15m 34s</p> <p>↓ 1501 GYROS BC ON ↓ 1501 GYRO INIT ↓ 1511 GYRO FAULT TEST</p> </div>																											
FDS MODE XB DATA RATE(MI)															CR-5T 160(32)													
31 DSN COVERAGE	<div style="text-align: center;"> <p>1225 ----- 14 [D] ----- 1545</p> <p style="margin-left: 100px;"> ----- 10 ----- </p> <p>63 [D] ----- 1245</p> <p style="margin-left: 10px;">60 ----- </p> </div>																											
32 DSN COVERAGE	<p>1825 ----- 45 [D] ----- 2235</p>																											
S/C 32 INITIAL CONDITIONS RTLT: 25h 31m 20s CCSL: B147 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 25h 31m 20s</p> </div>																											
FDS MODE XB DATA RATE(MI)															CR-5T 160(32)													
VGR COVERAGE	ON CALL																											
NOTES																												
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UTC:	MAR 01														MAR 02													