

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: December 17, 2003

For the Period: 12/18/03 to 01/18/04 (03-352 - 04-018)

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

**DSOT (1) 230-102**

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 \* Belinda.Arroyo@jpl.nasa.gov  
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 \* Karen.E.Yetter@jpl.nasa.gov  
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**SCIENCE (1)**

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 \* Leonard.F.Burlaga@nasa.gov  
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Hall, J.  
 Hogle, T. (2)  
 Howard, S. (3)  
 Ludwig, R. (2)  
 Massey, Ed  
 Matsumoto, S.  
 Medina (1) (AACS)  
 Poynter, R.  
 Presley (3) (DSE)  
 Weeks, T.  
 Zottarelli, L.  
 \*charlotte.m.weiss@jpl.nasa.gov  
 \*odivers@san.rr.com

**NOPES (1)**  
 Millner, I 507-120

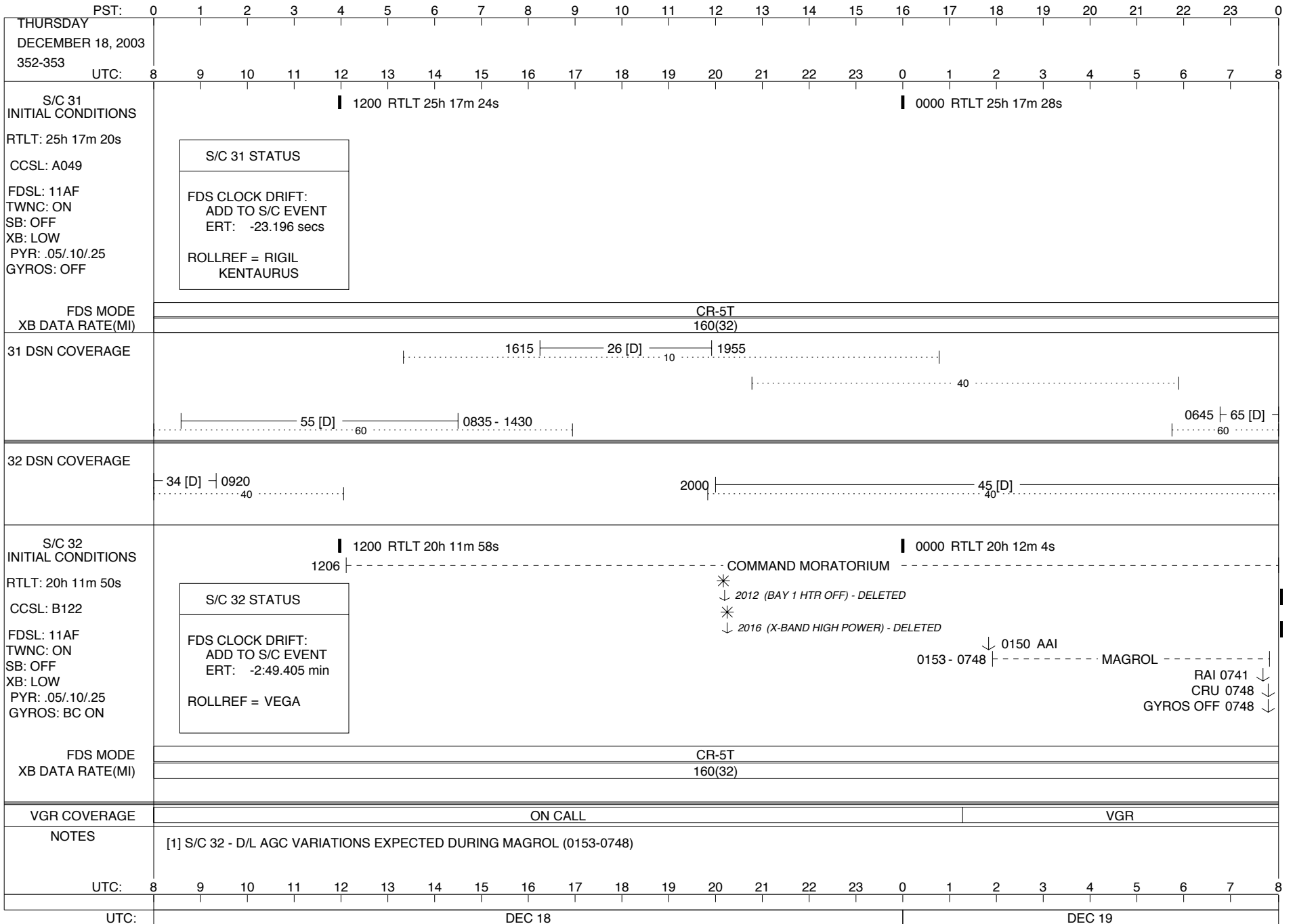
**LEGEND:** ∇ = R/T Command (Last chance or Contingency)  
 ▼ = R/T Command (Scheduled)  
 \* = Result of R/T Command  
 n = (where n = 1,2,3 ..) Special Note, see bottom of page  
 D = Downlink only pass  
 A = Arrayed station  
 U = Uplink only pass  
 B = BLF  
 [o] = Ramp-through  
 H = High Power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

**Note: Extended Holiday Issue, contains 2 additional weeks.**

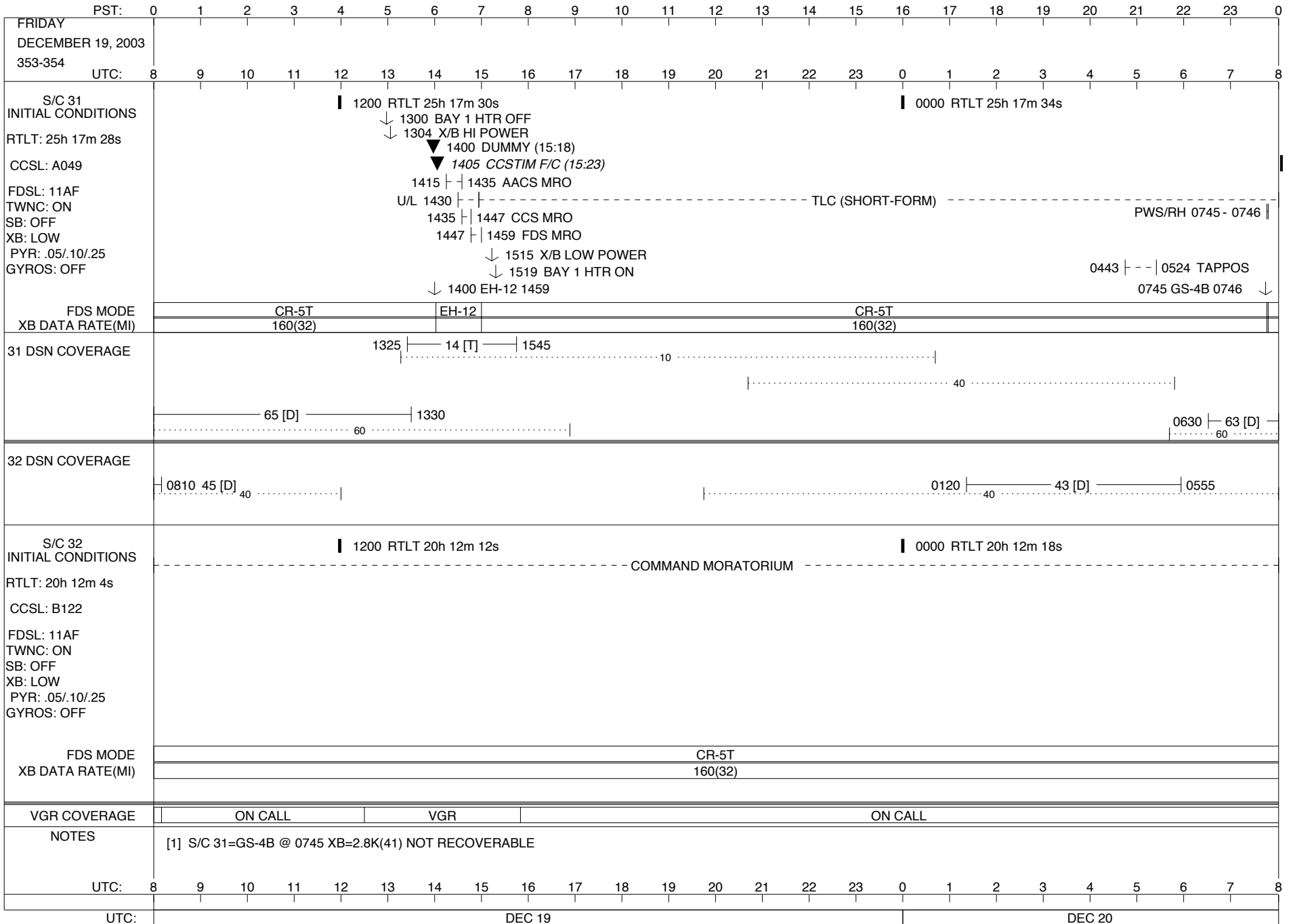
*Revised: 12/18/03 – S/C 32 – 03-352/20:15: DELETED – Bay 1 Htr Off  
 12/18/03 – S/C 32 – 03-352/20:16: DELETED – X-band High Power  
 This will change the Initial Conditions in the left column field for  
 S/C 32 to XB:LOW from 03-353 to 04-014.  
 12/18/03 – S/C 32 – 04-015/00:35: DELETED–U/L X-bd Low/Bay 1Htr on.  
 12/18/03 – S/C 32 – 04-015/20:52: DELETED – D/L X-Band Low Pwr  
 12/18/03 – S/C 32 – 04-015/20:56: DELETED – D/L Bay 1 Htr on.*

\*Electronic Copy Only  
 (23 – Dist/N: Paper Copies)  
 10/30/03

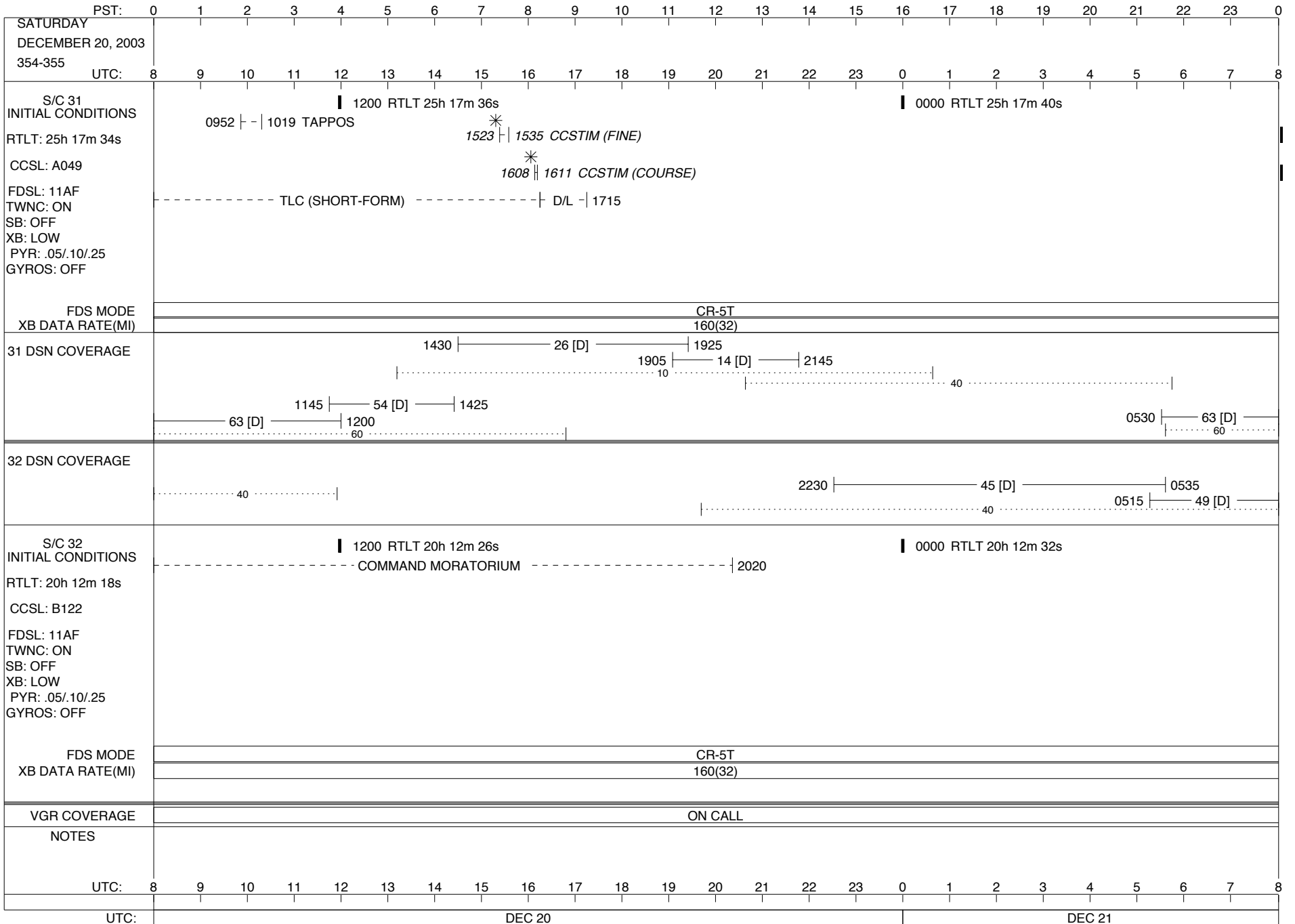
ISSUE DATE: 12/18/03 09:48:00



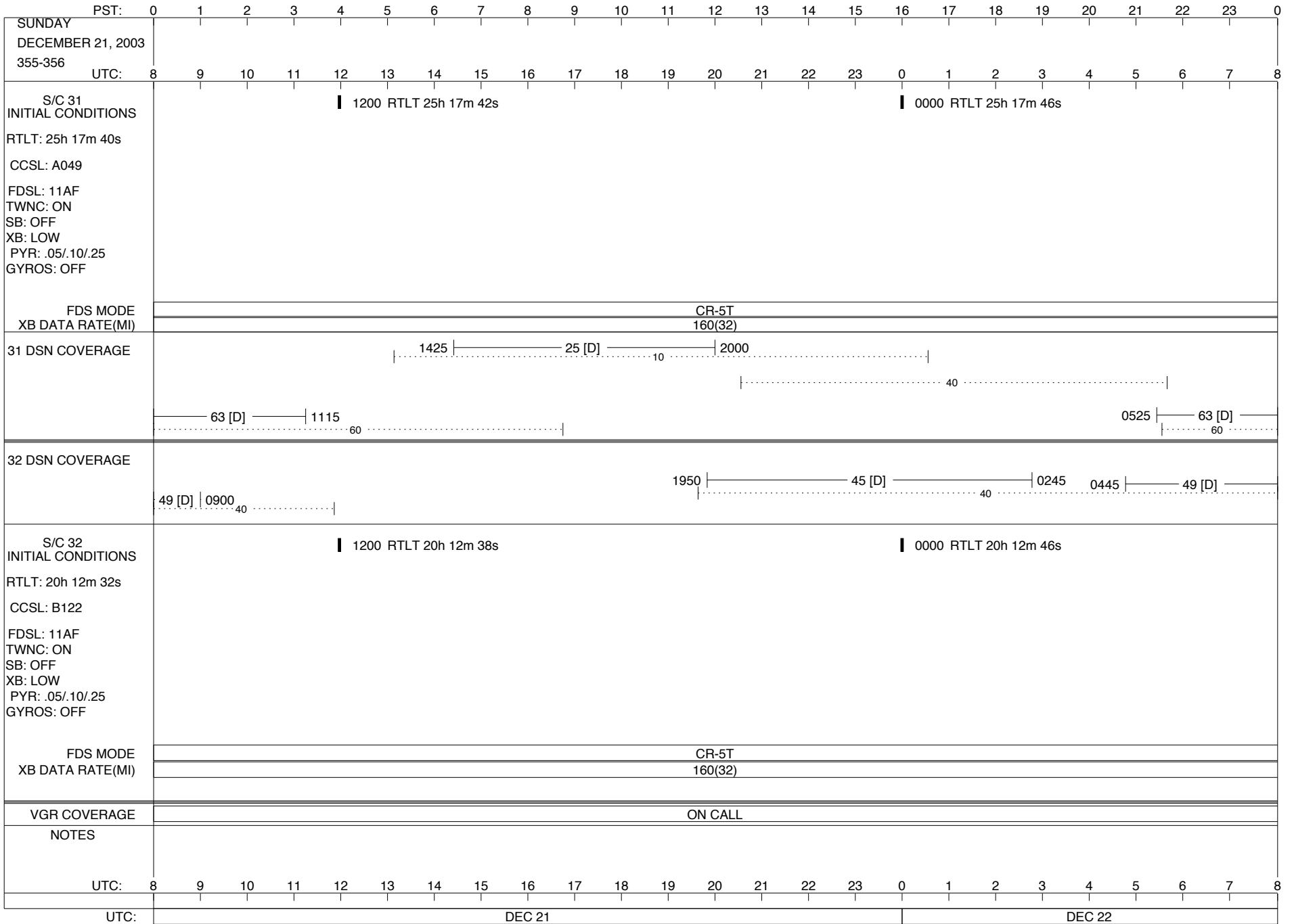
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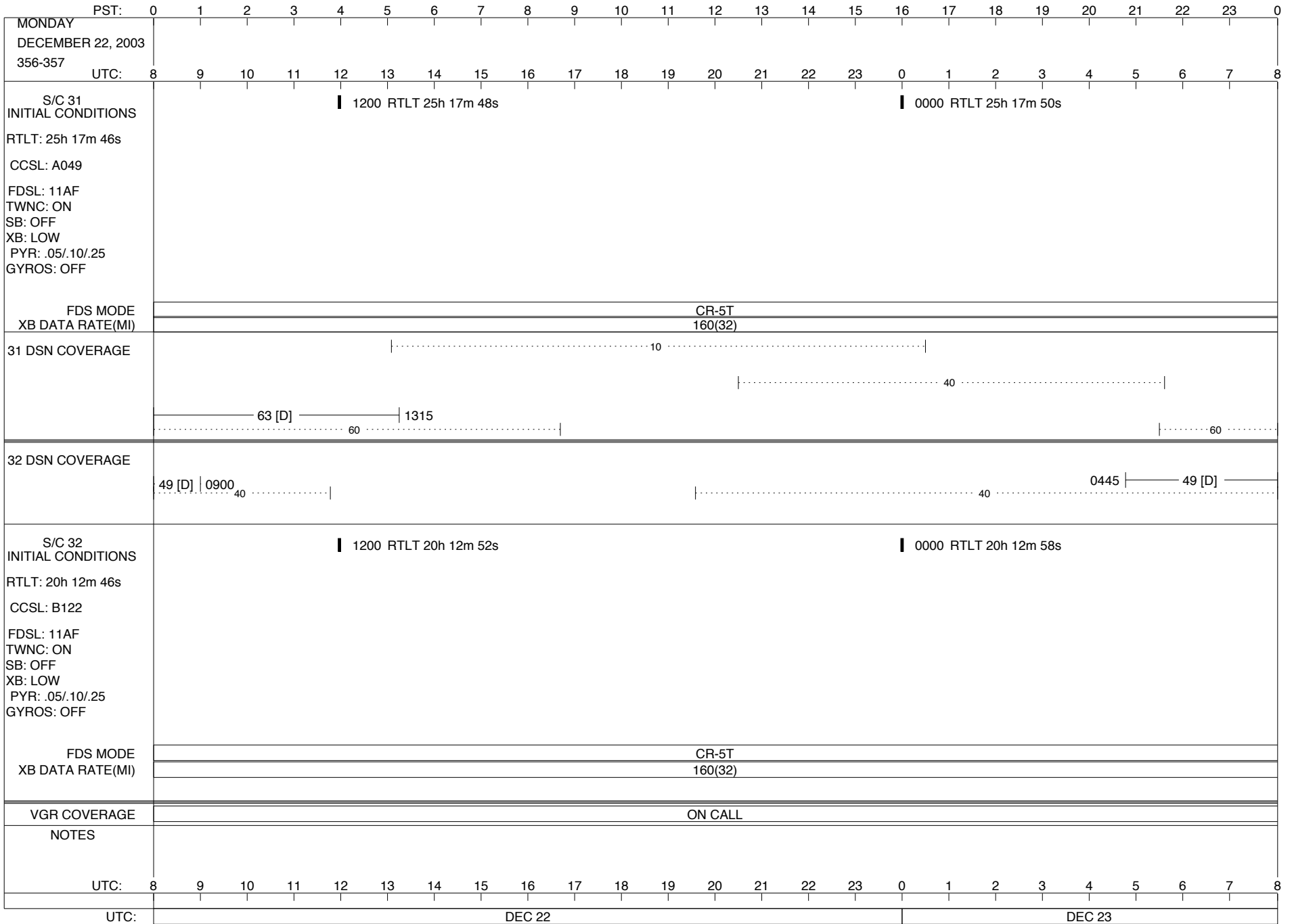
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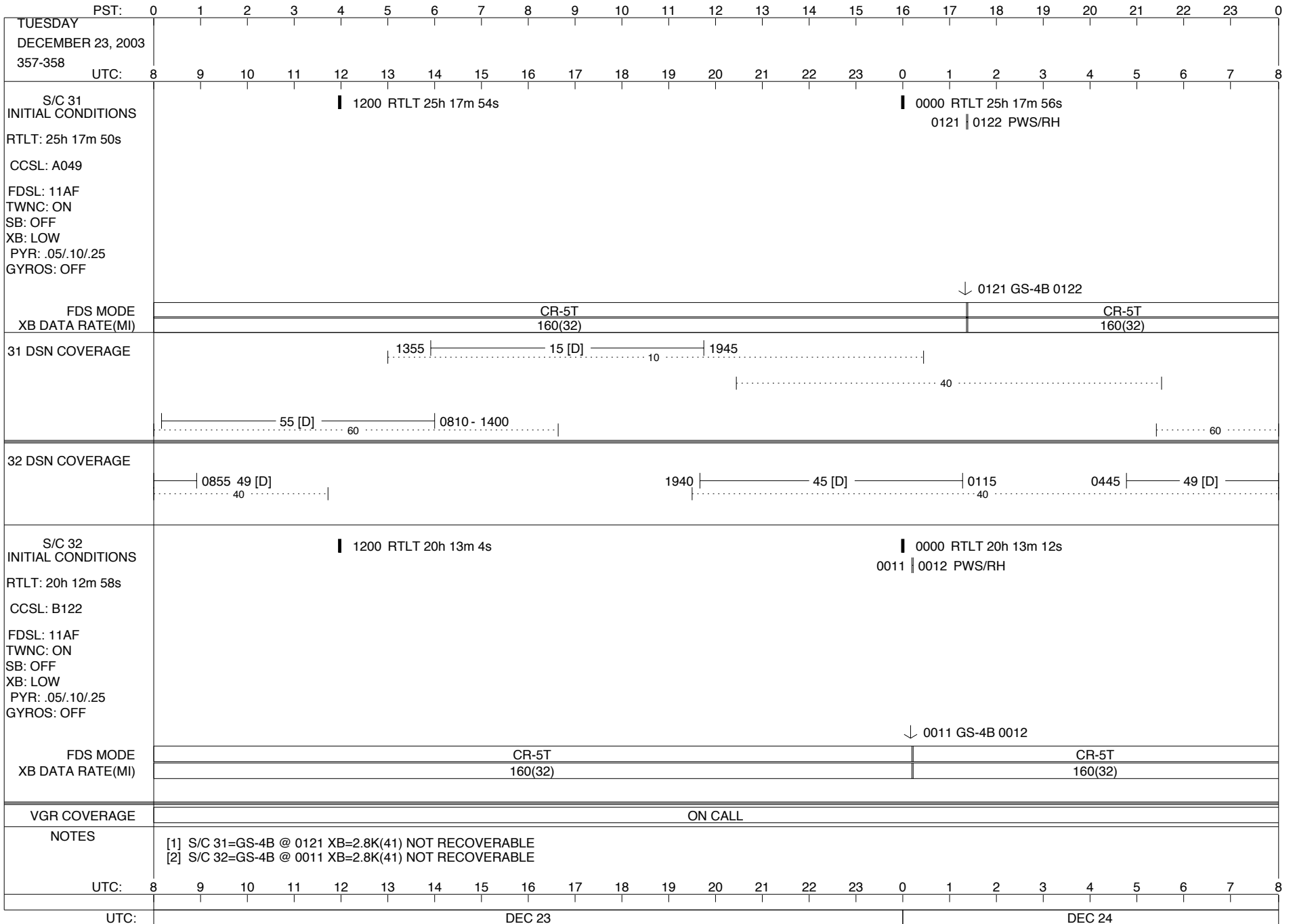
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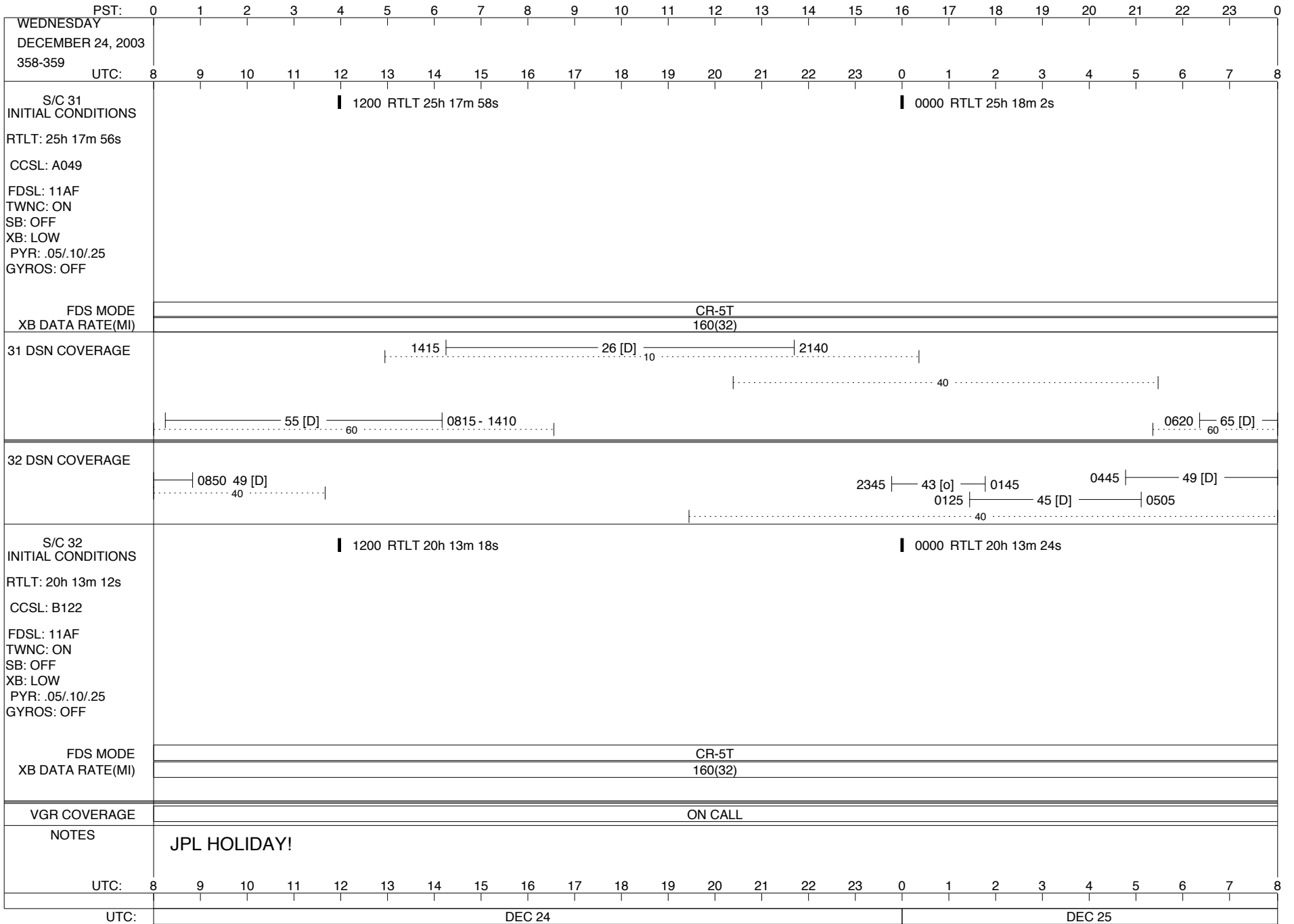
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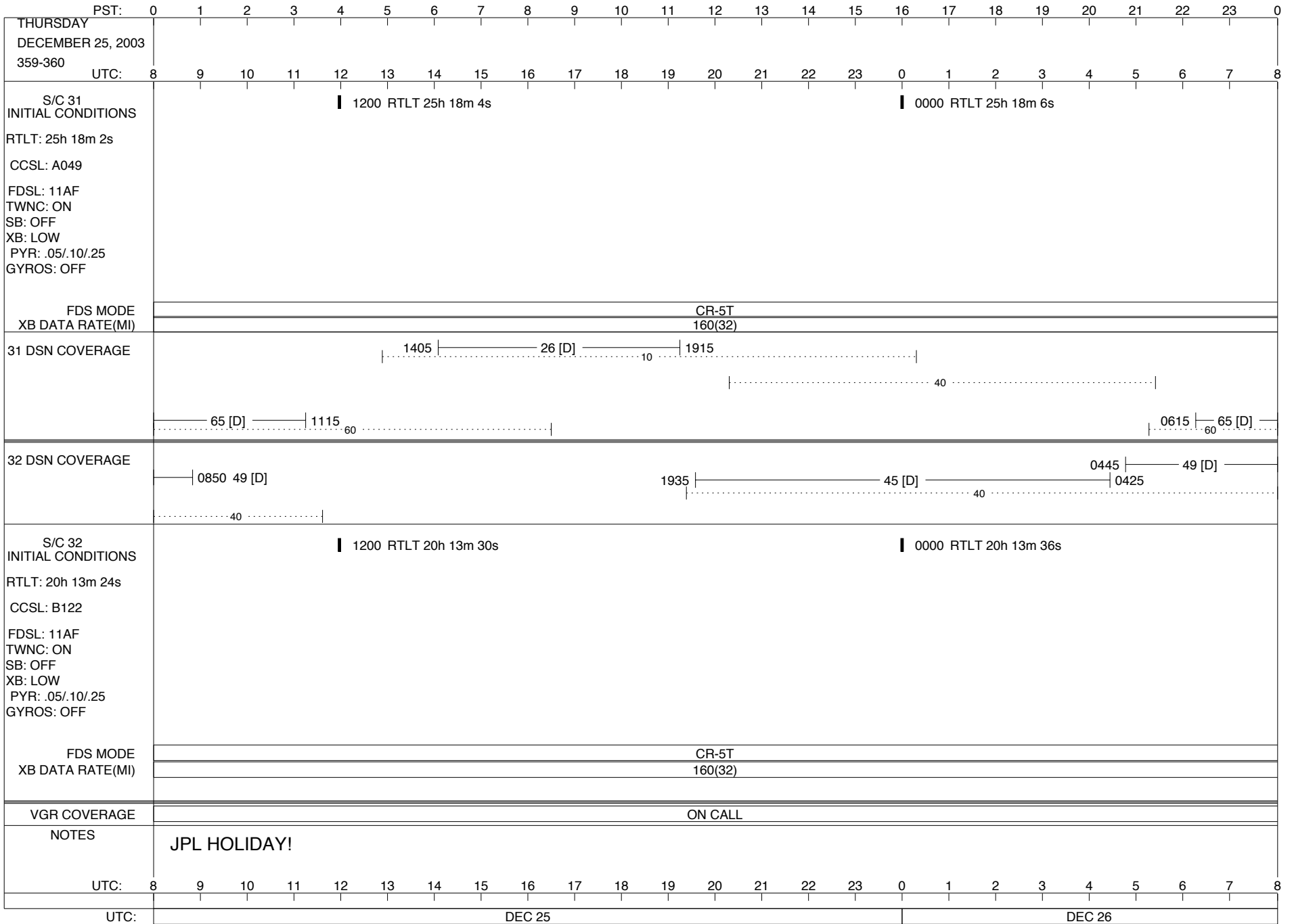


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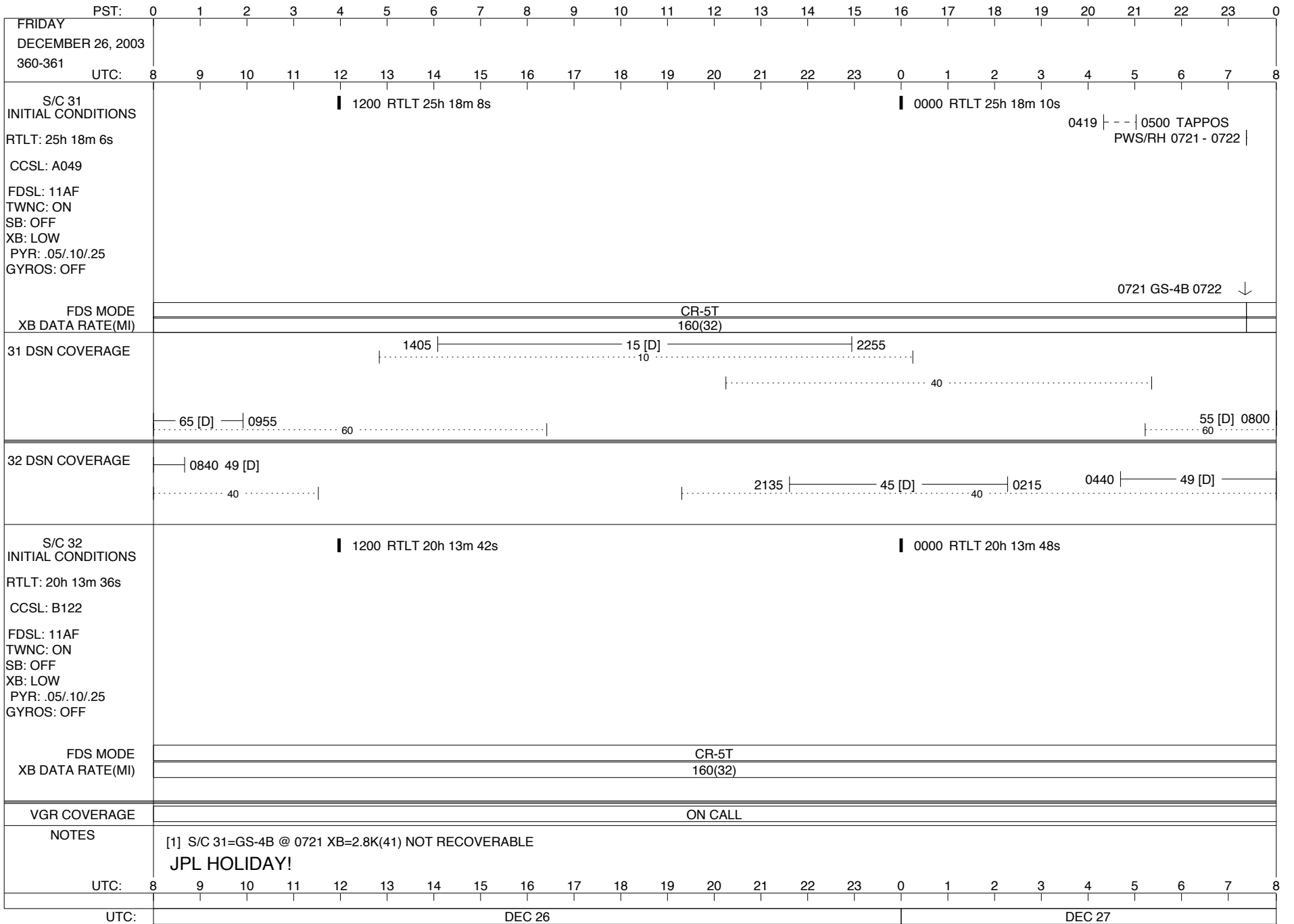




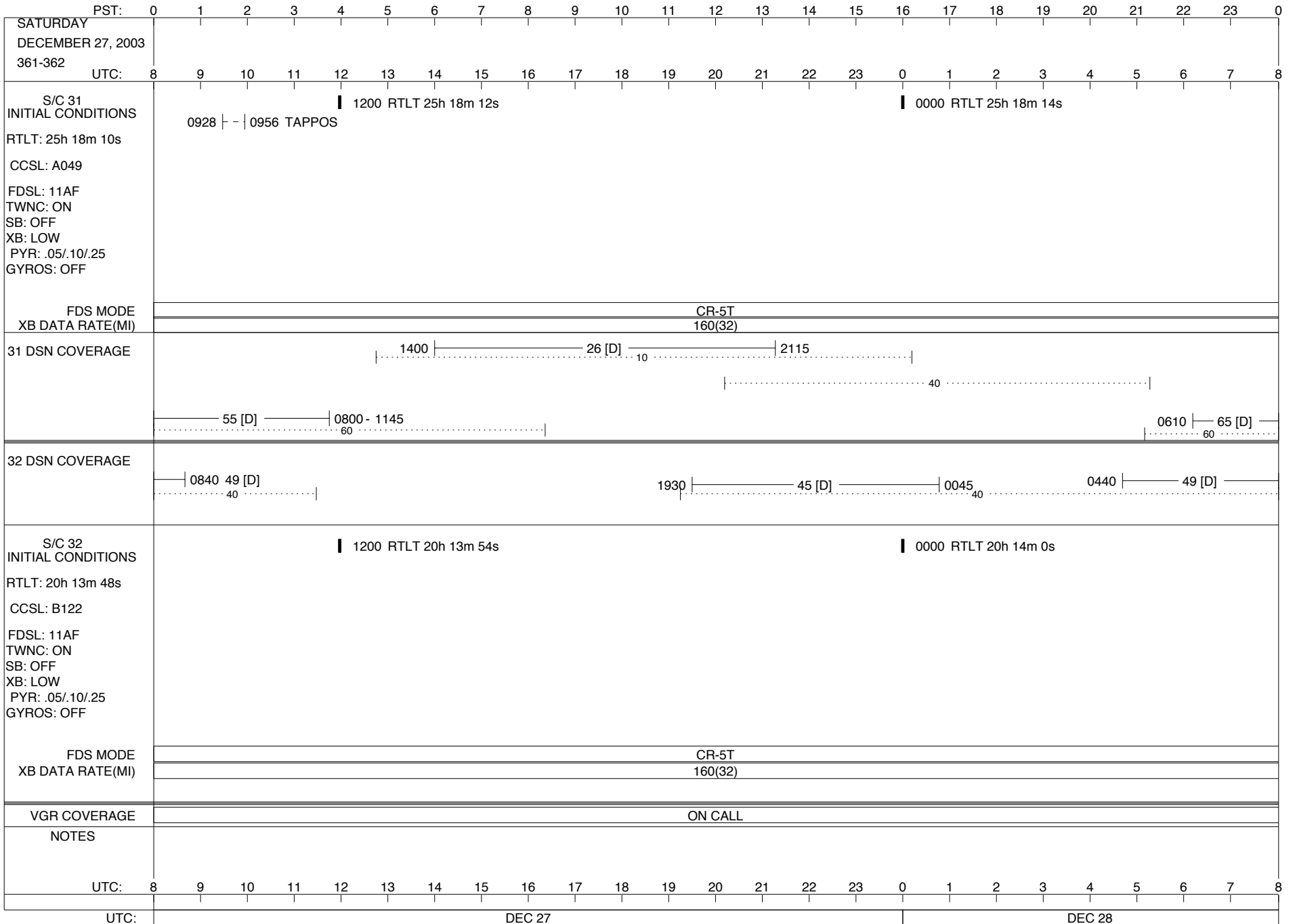
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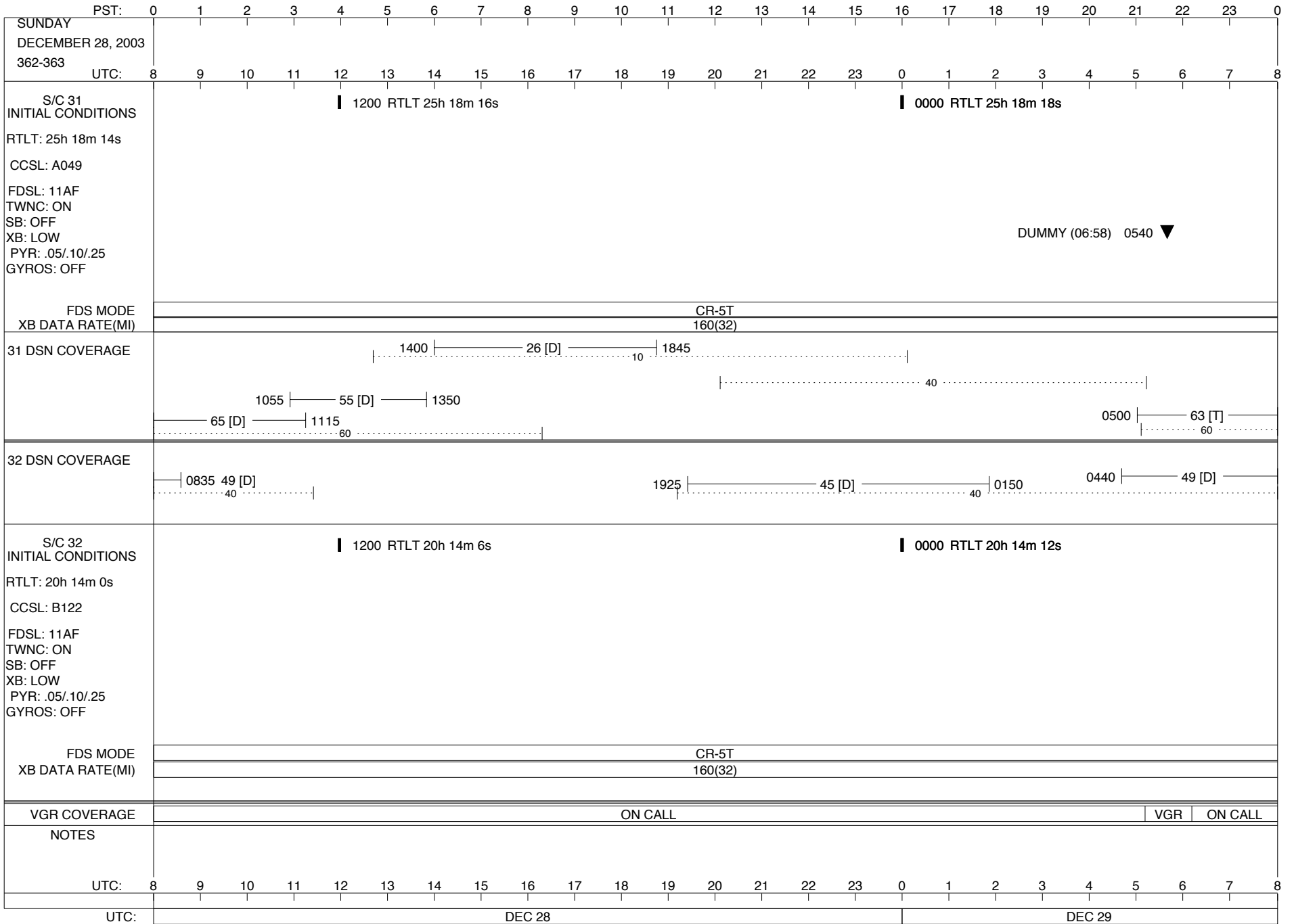
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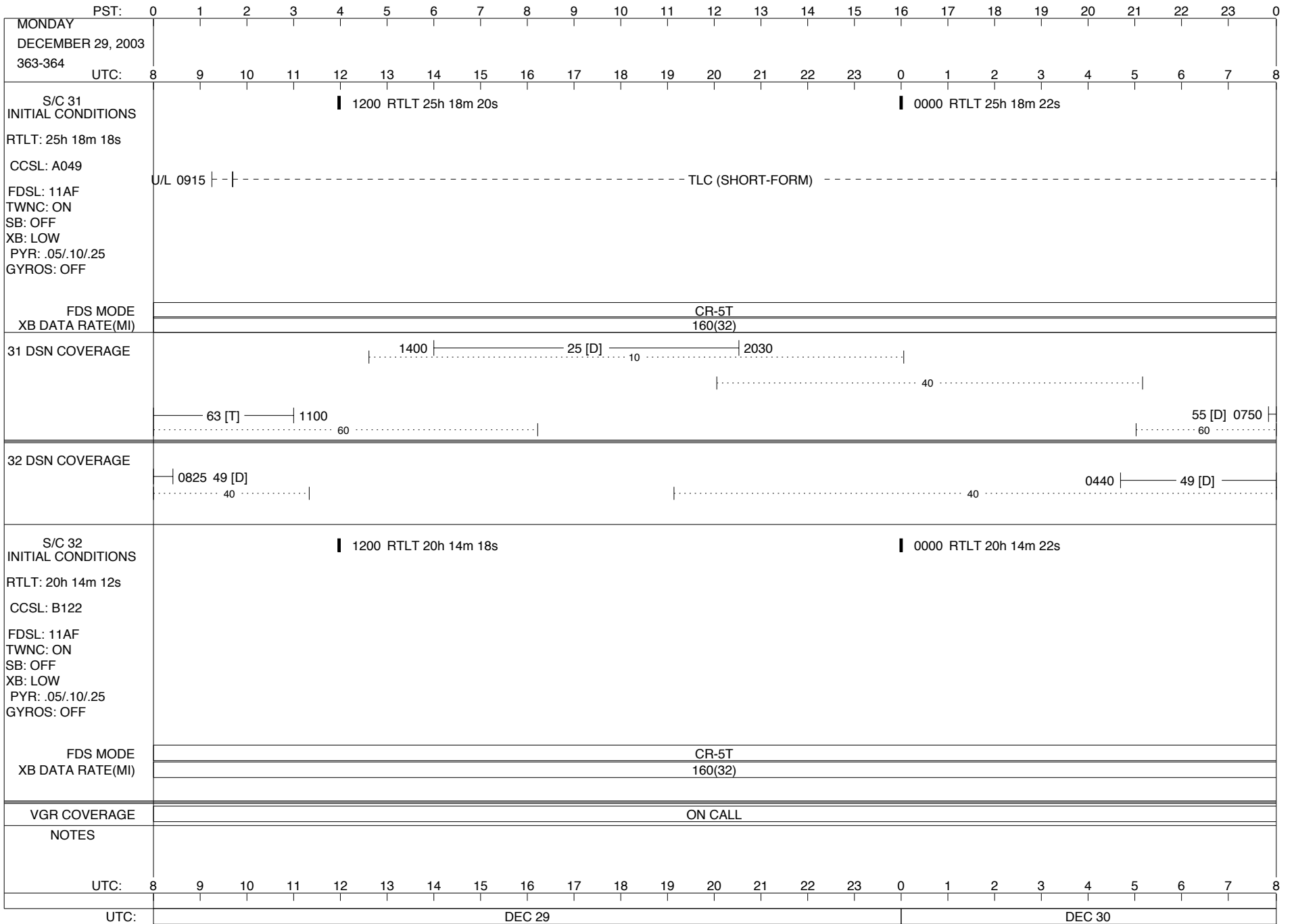
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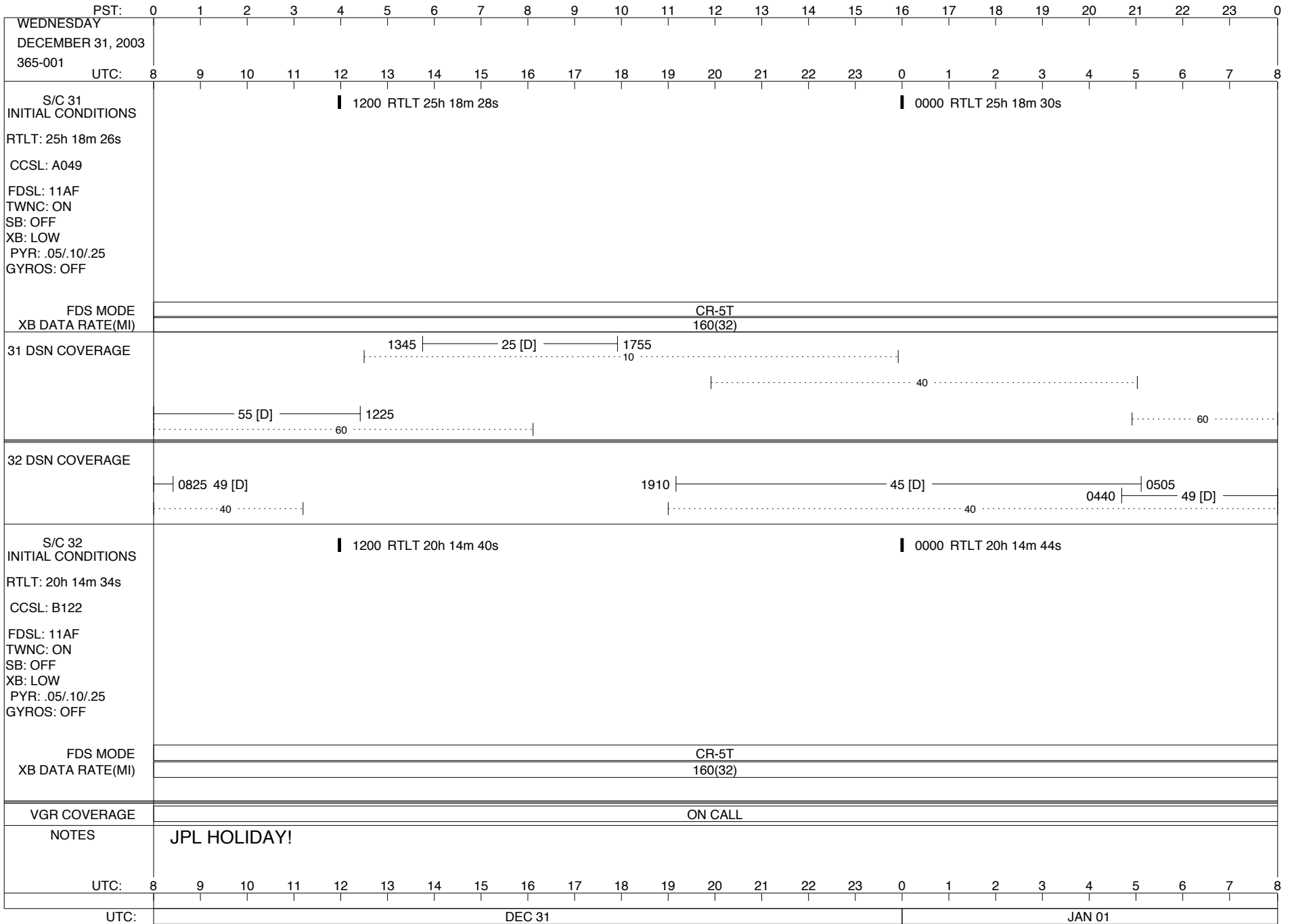
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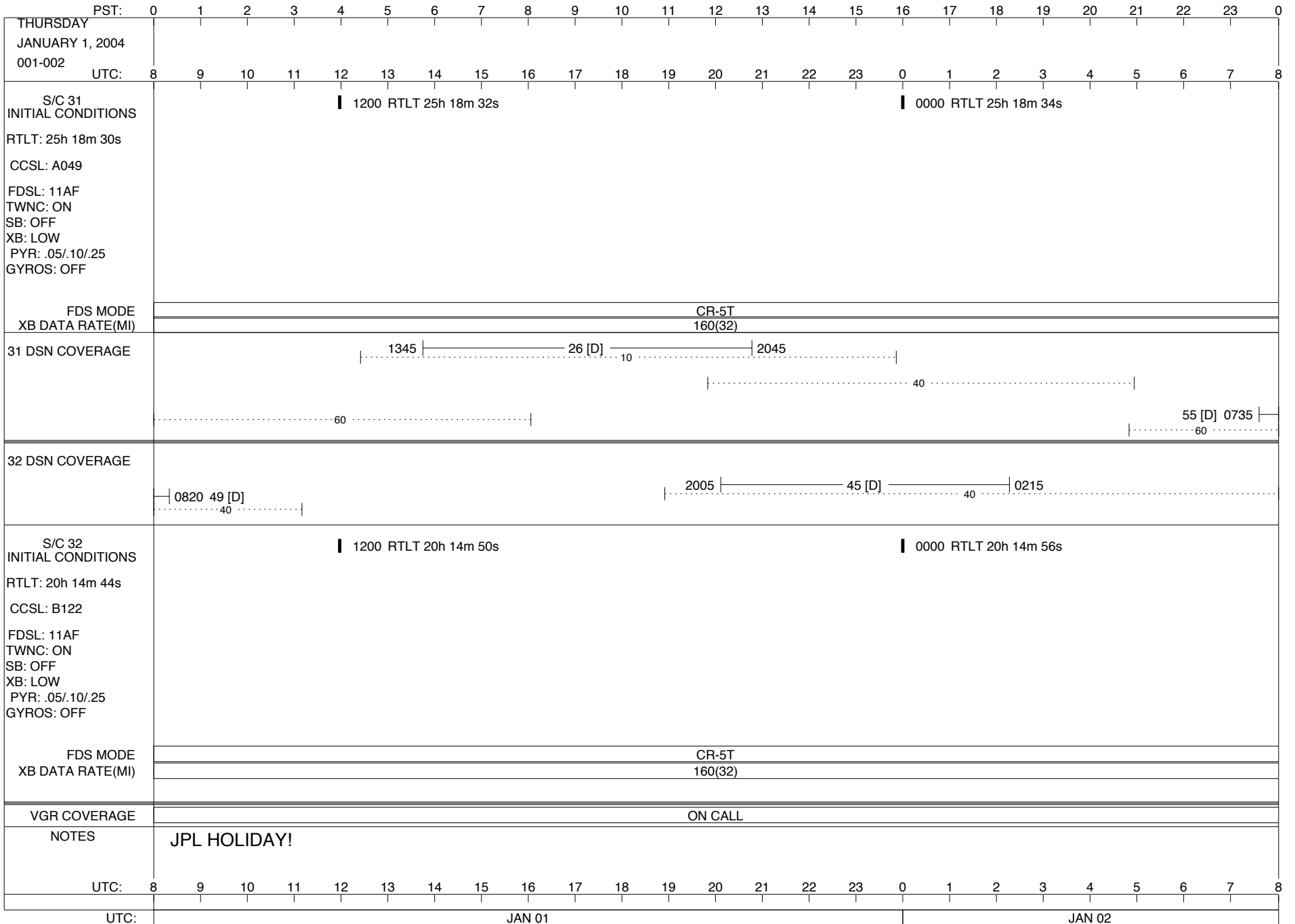
ISSUE DATE: 12/18/03 09:48:00

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 DECEMBER 30, 2003 364-365	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: 25h 18m 22s CCSL: A049 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 25h 18m 24s												█ 0000 RTLTL 25h 18m 26s 0057 █ 0058 PWS/RH												
TLC (SHORT-FORM)   D/L -   1201													↓ 0057 GS-4B 0058												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1350  ----- 25 [D] -----  1915  ----- 10 -----												----- 40 -----												
	55 [D]  ----- 1215 -----												55 [D] 0740  ----- 60 -----												
32 DSN COVERAGE	----- 40 -----  0825 49 [D]												1930  ----- 43 [B] -----  2230  ----- 2210 -----  45 [D] -----  0250  ----- 40 -----  0440  ----- 49 [D] -----												
S/C 32 INITIAL CONDITIONS RTLTL: 20h 14m 22s CCSL: B122 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 20h 14m 28s												█ 0000 RTLTL 20h 14m 34s 2348 █ 2349 PWS/RH												
													▼ 2057 DUMMY (5 MIN BRACKETED 17:12)												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												VGR	ON CALL											
NOTES	[1] S/C 31=GS-4B @ 0057 XB=2.8K(41) NOT RECOVERABLE [2] S/C 32=GS-4B @ 2348 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:	DEC 30												DEC 31												

ISSUE DATE: 12/18/03 09:48:00

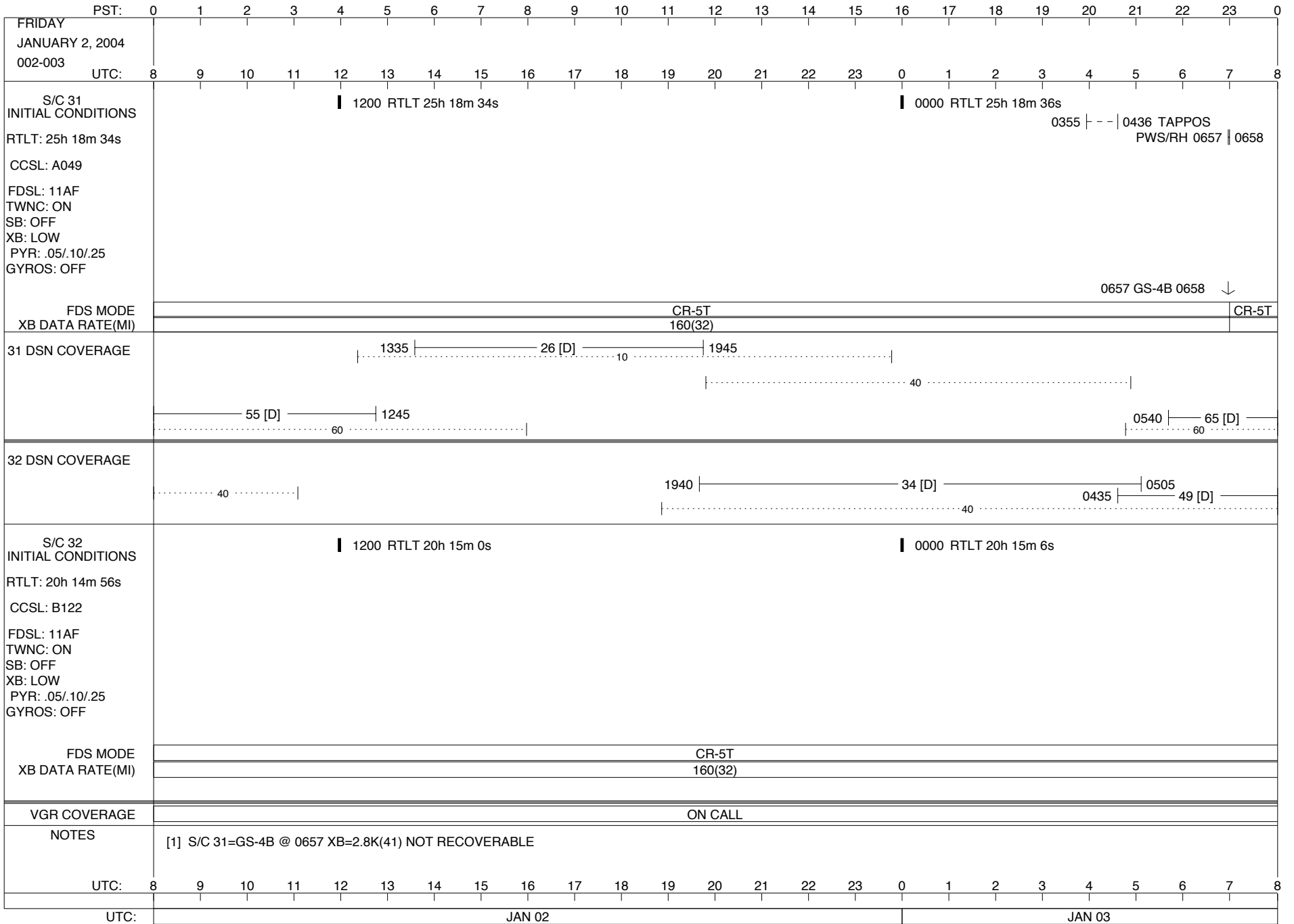


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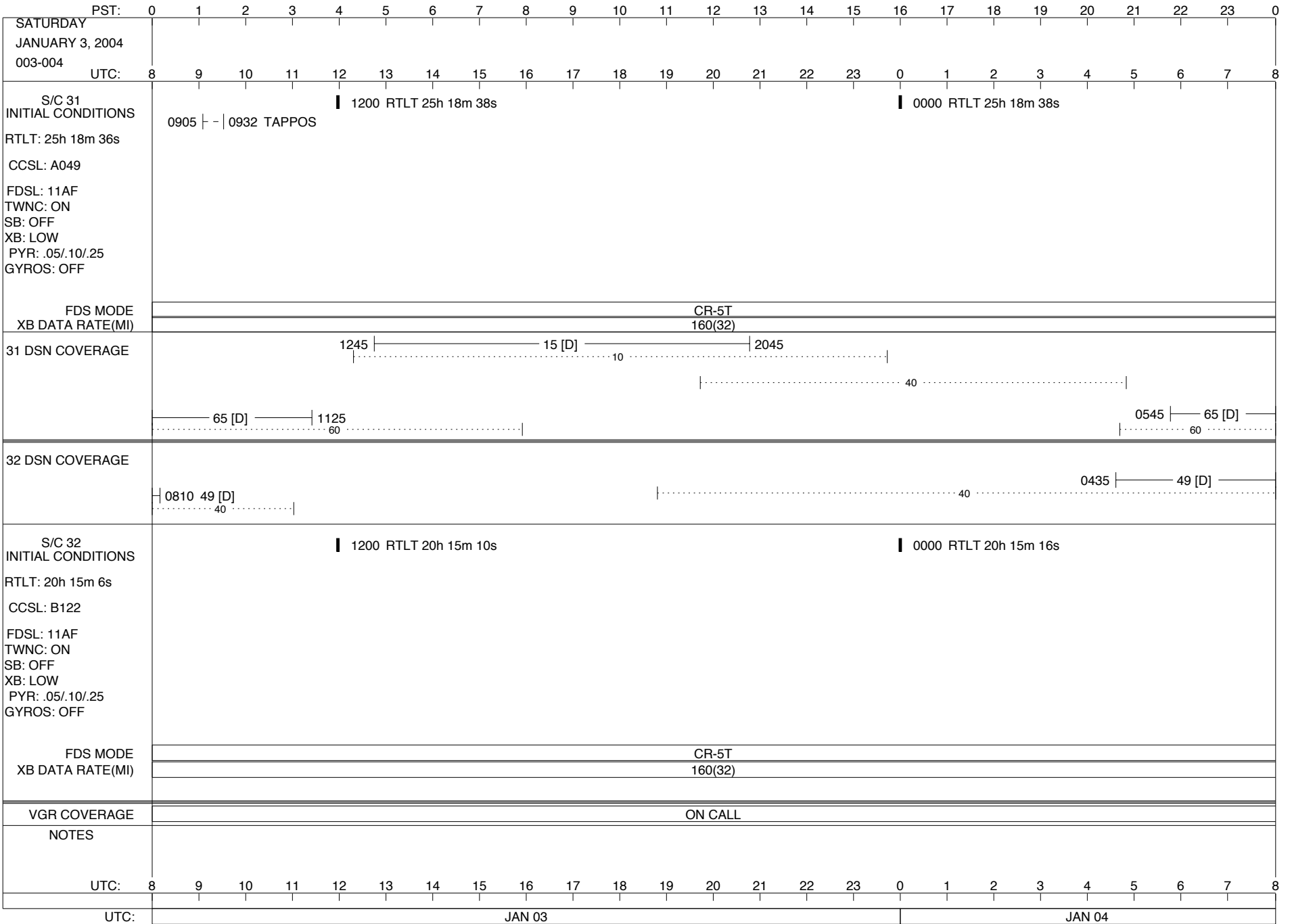




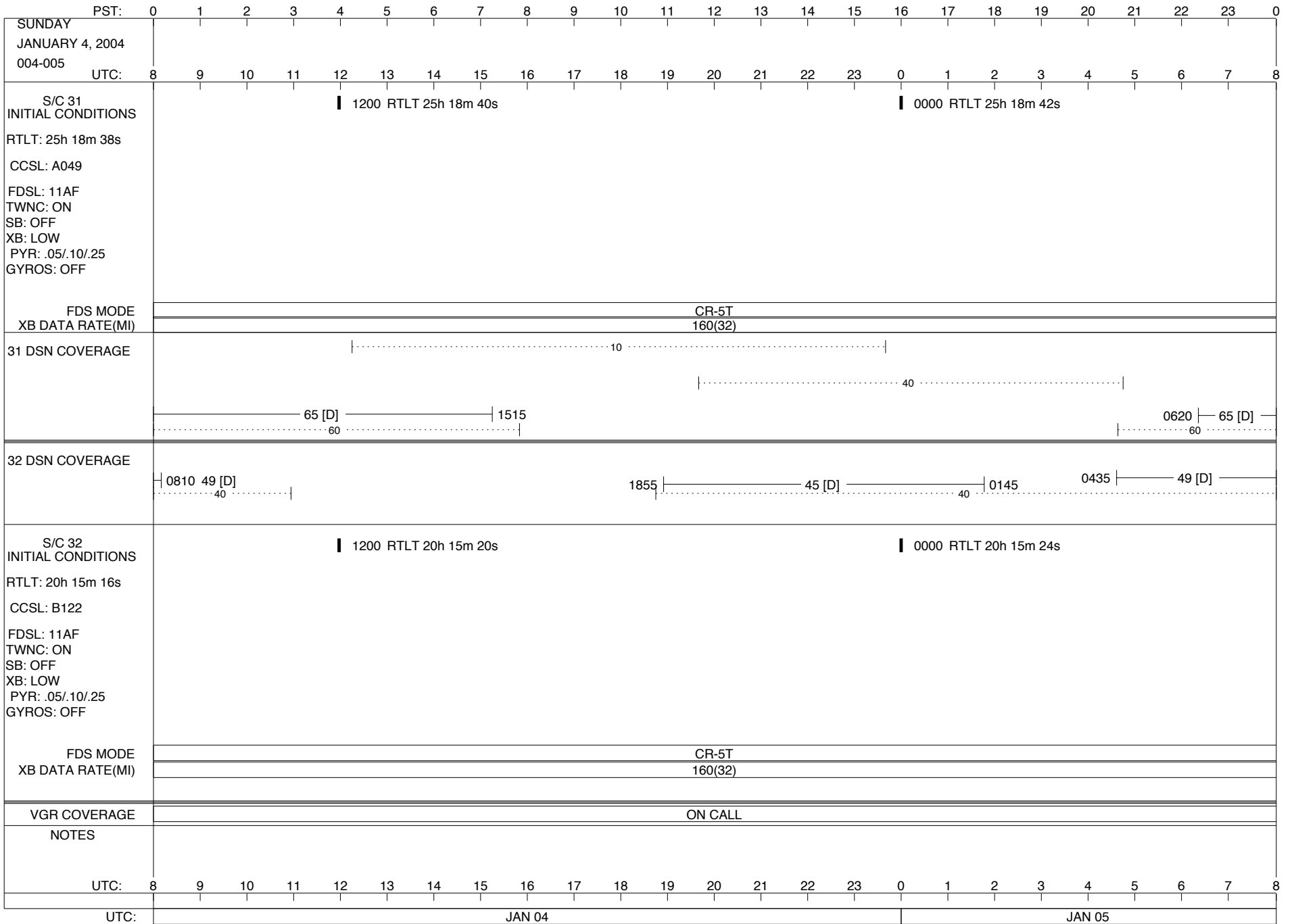
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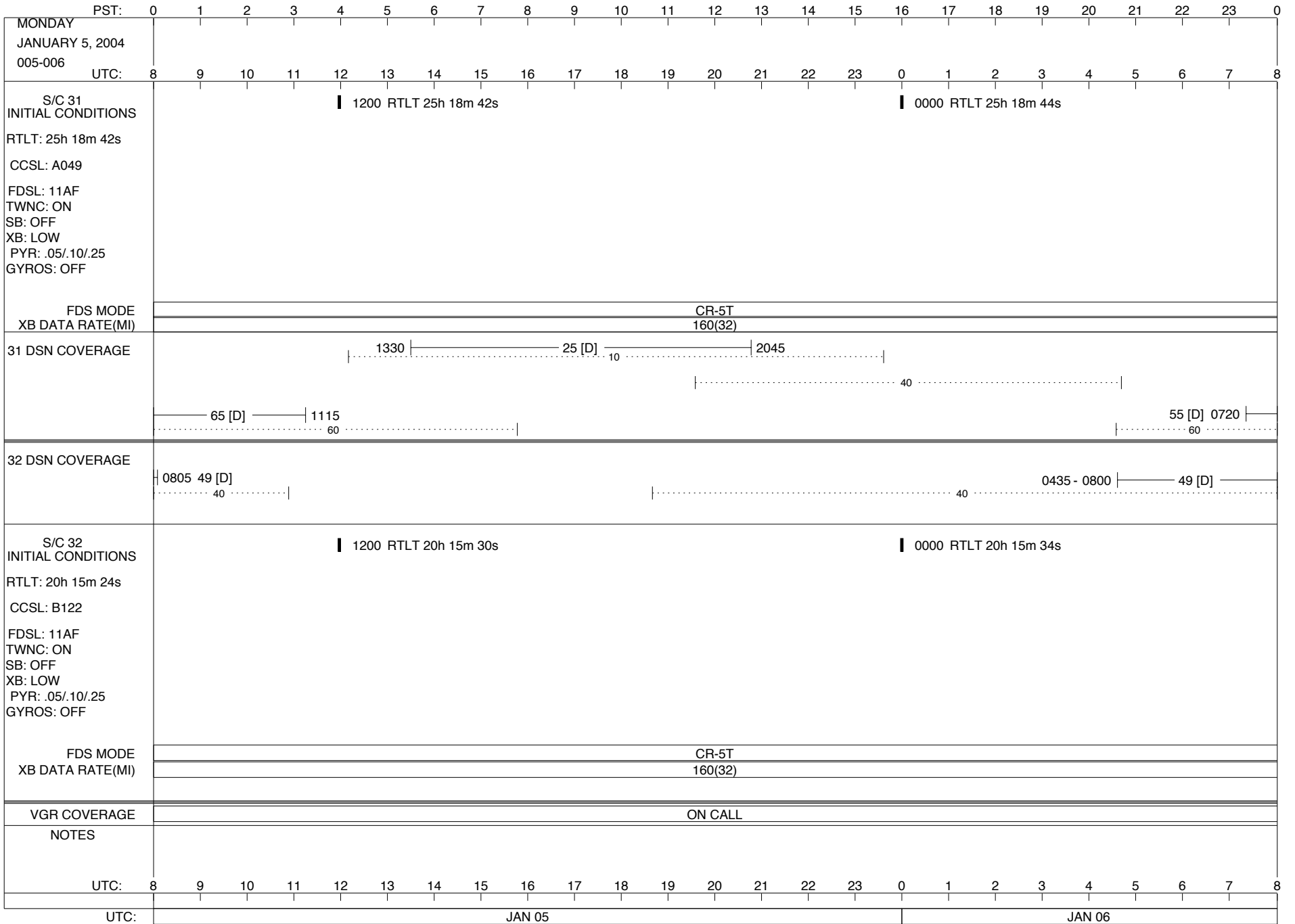
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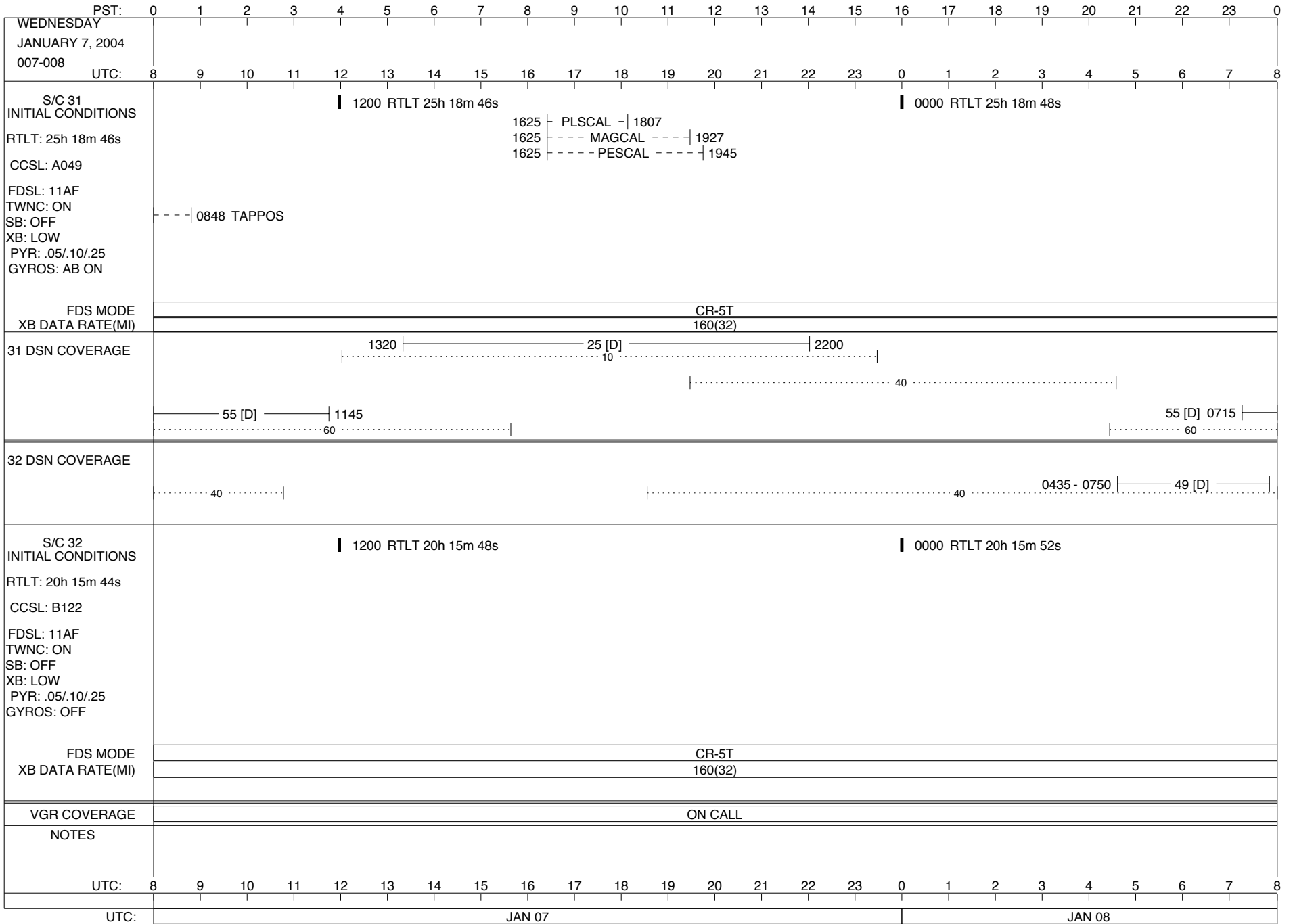
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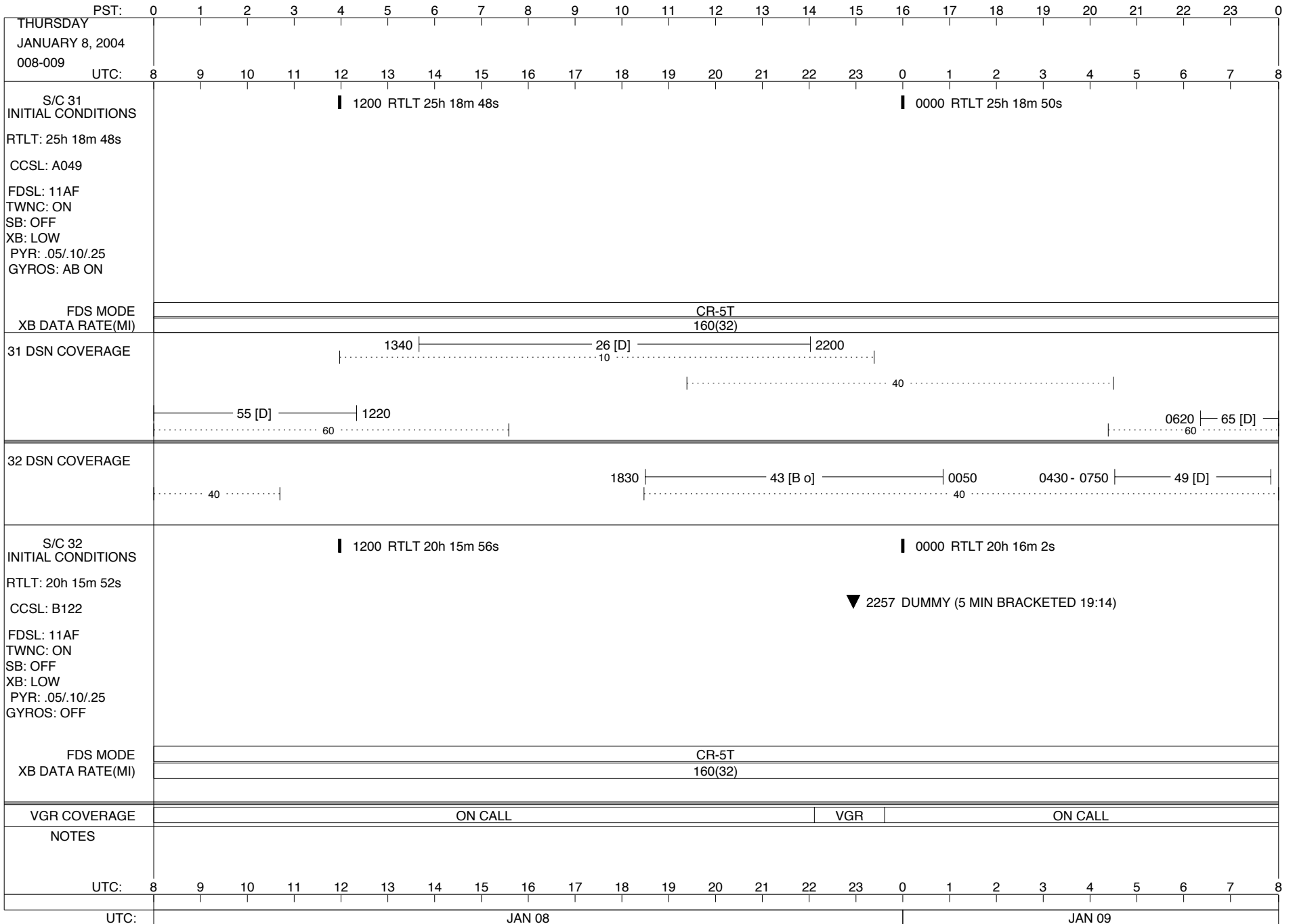
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		UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLTL: 25h 18m 44s CCSL: A049 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF																											
FDS MODE XB DATA RATE(MI)																											
31 DSN COVERAGE																											
32 DSN COVERAGE																											
S/C 32 INITIAL CONDITIONS RTLTL: 20h 15m 34s CCSL: B122 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:			JAN 06																JAN 07								

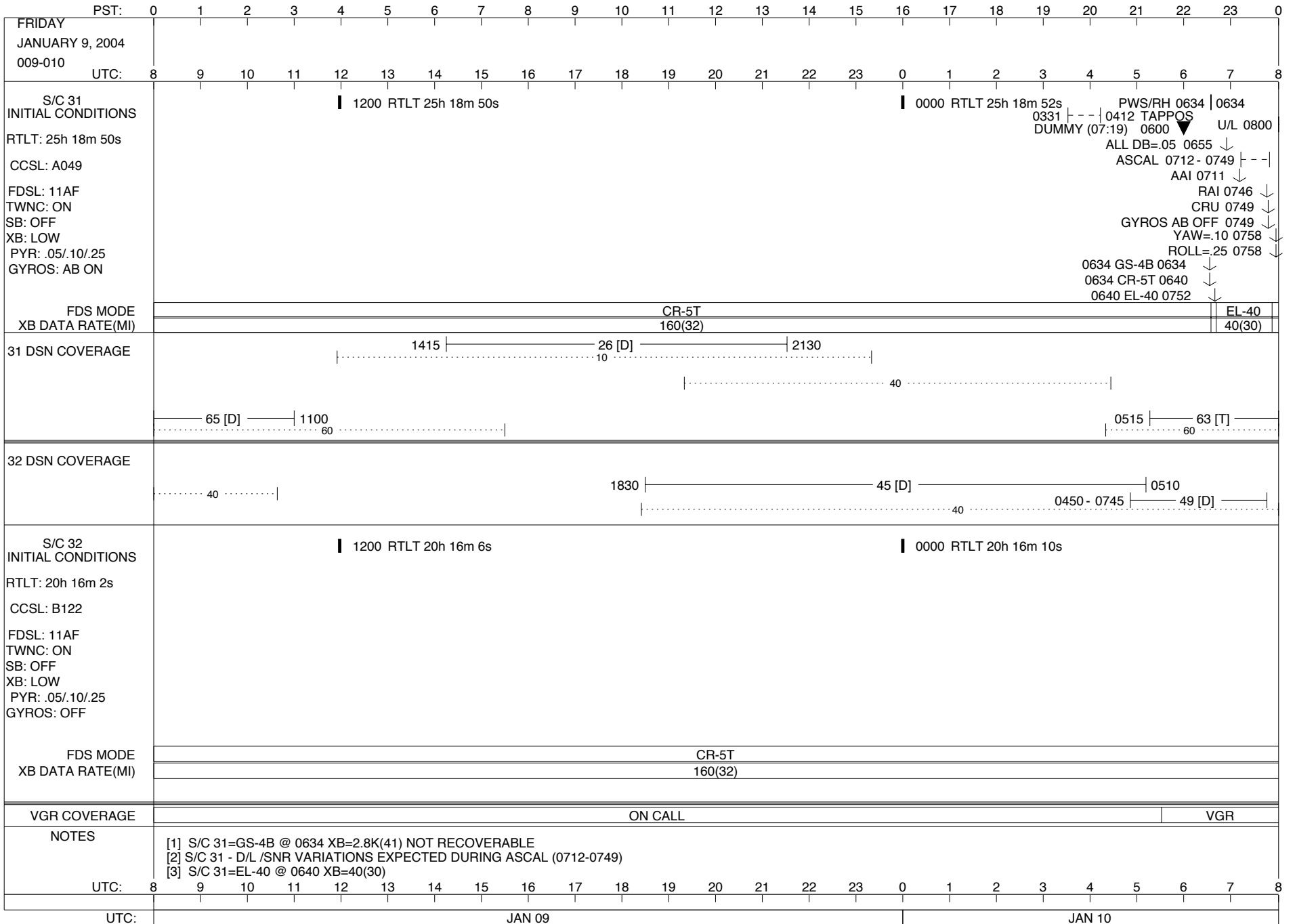
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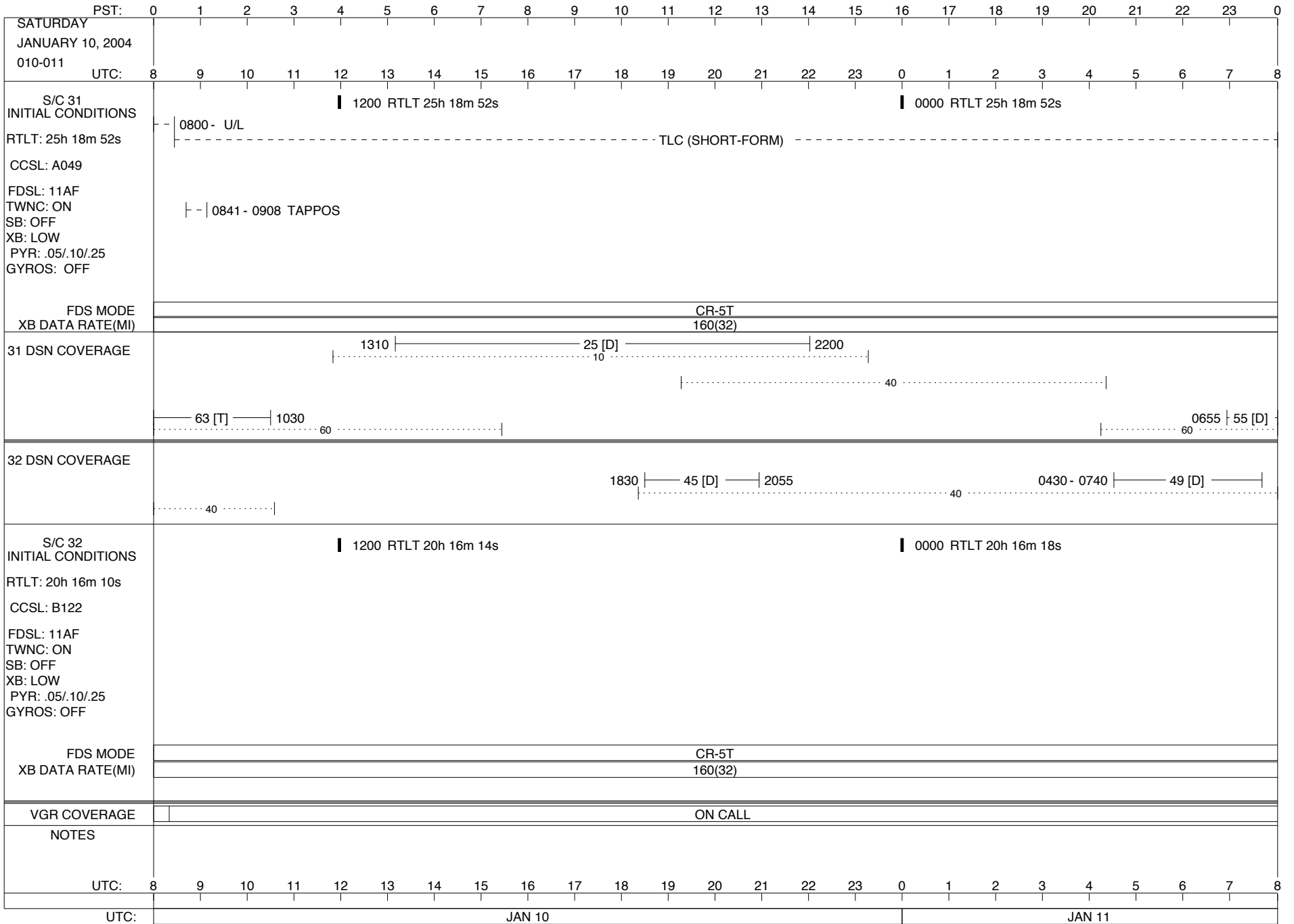


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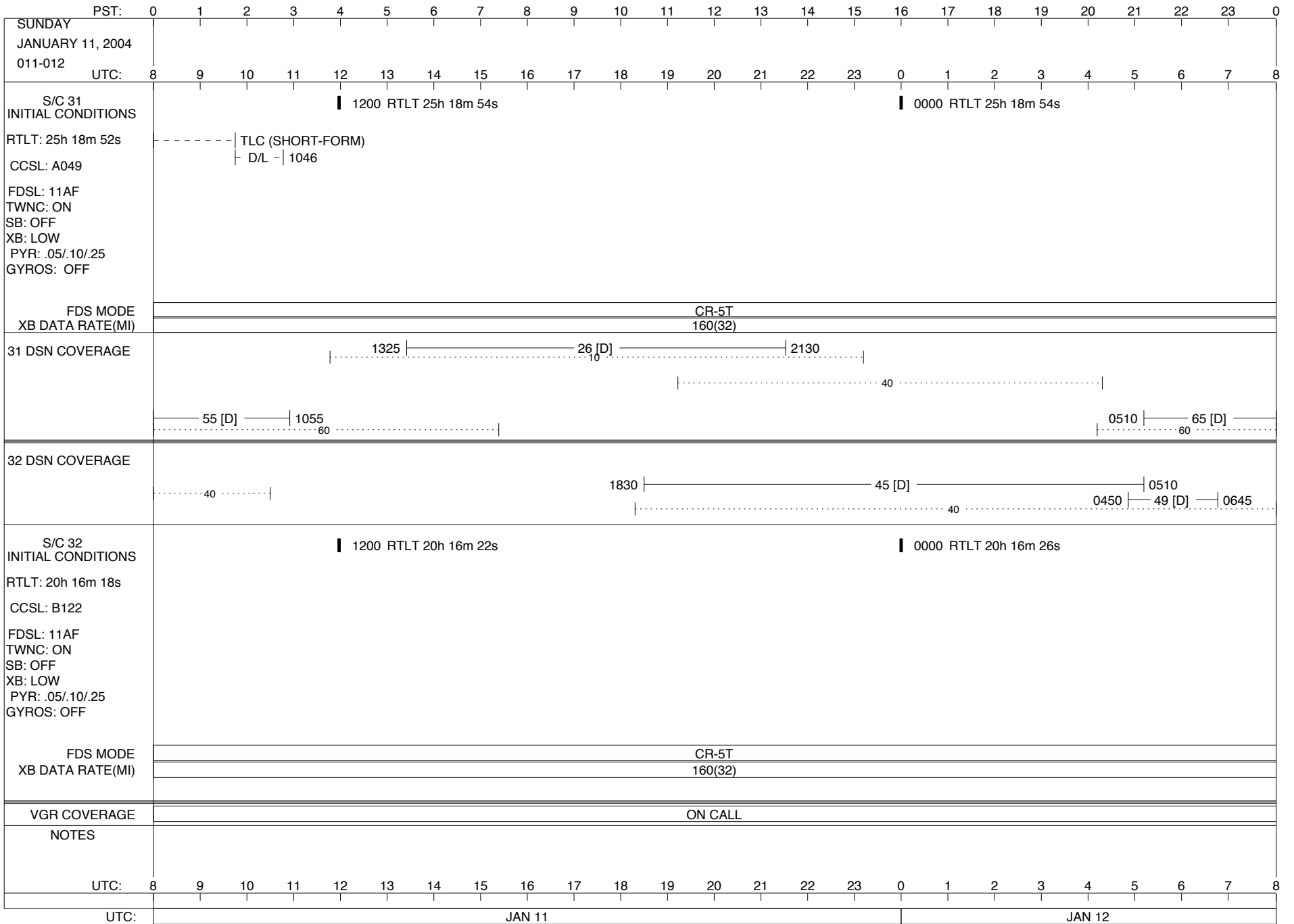




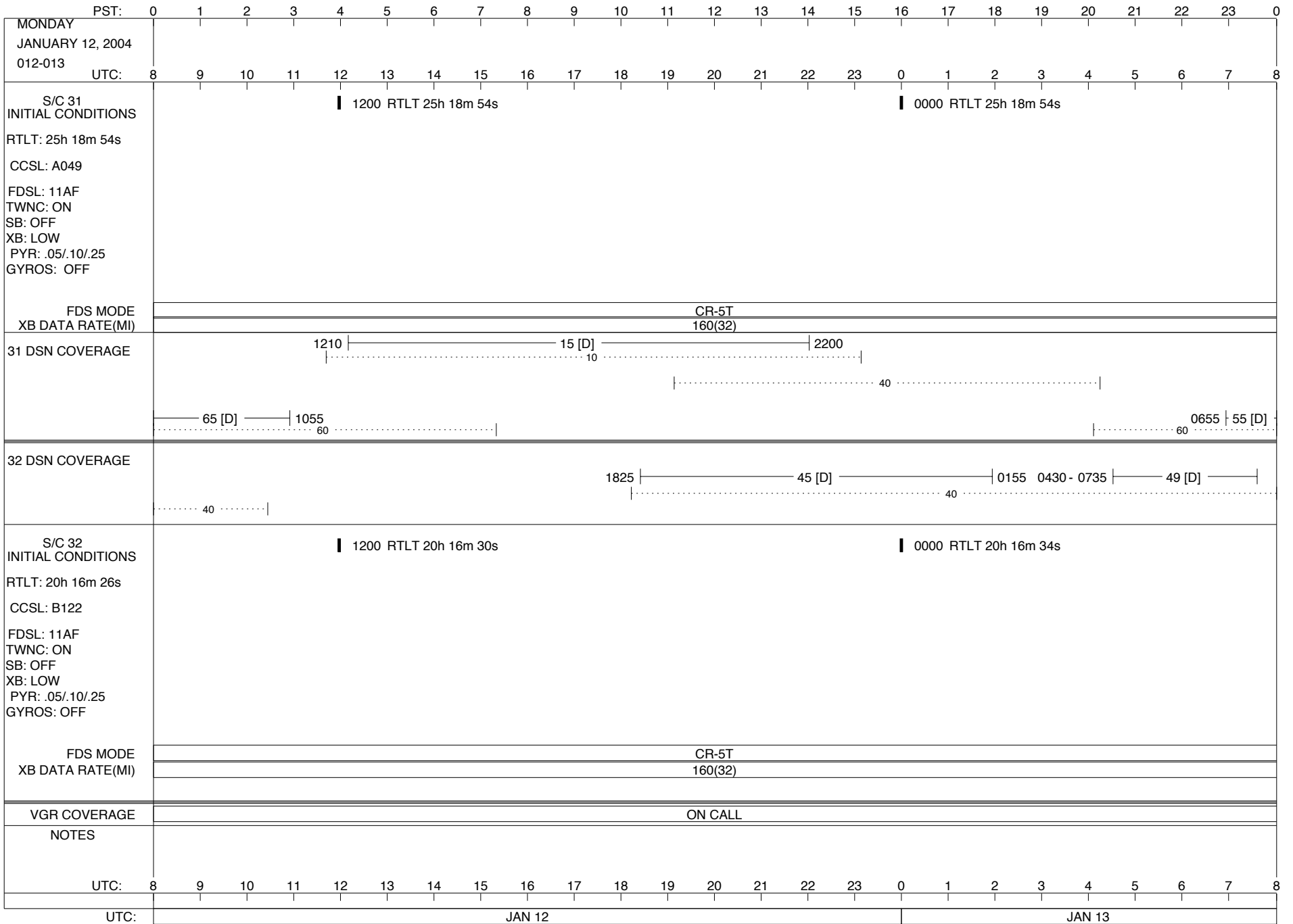
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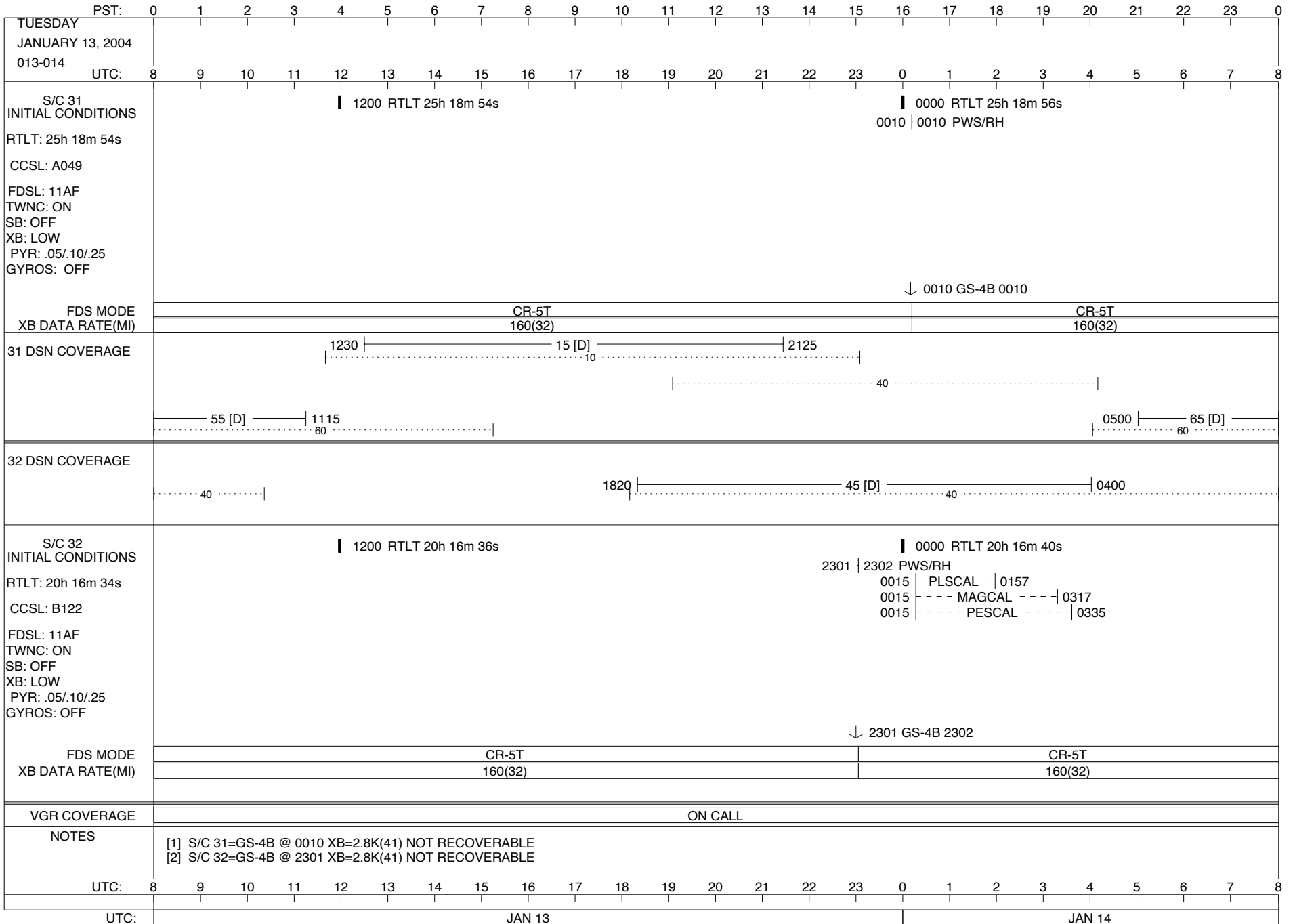
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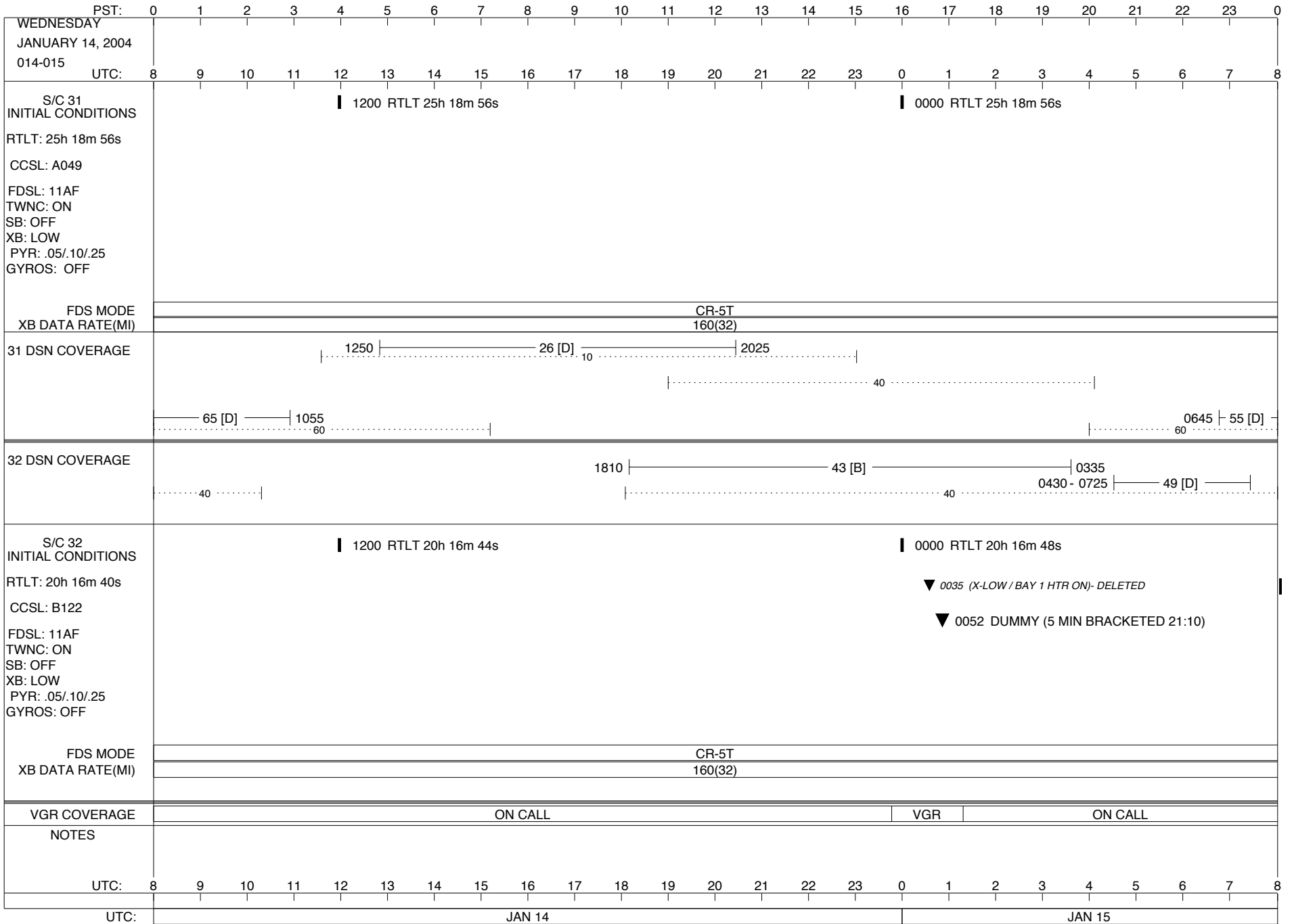
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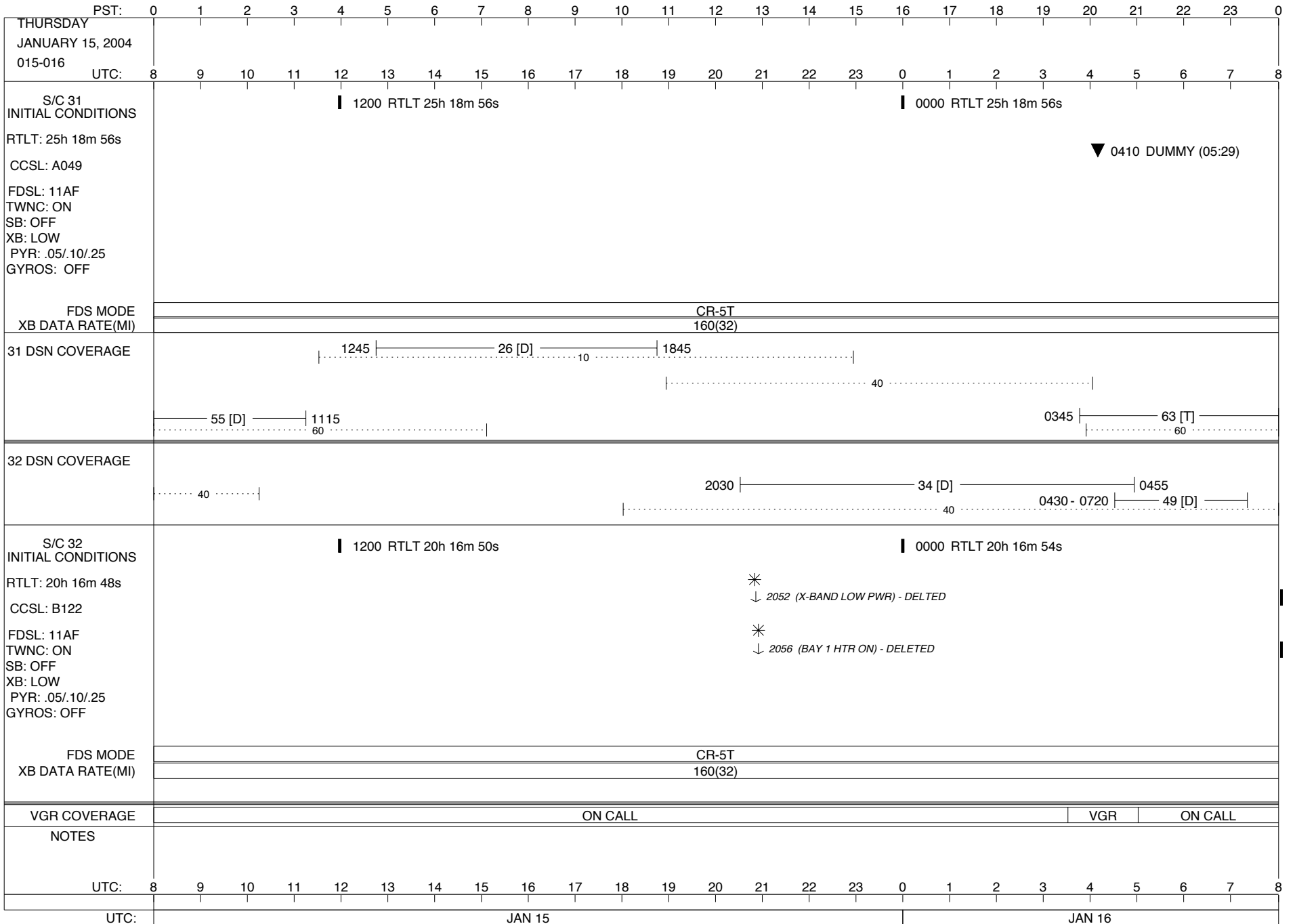
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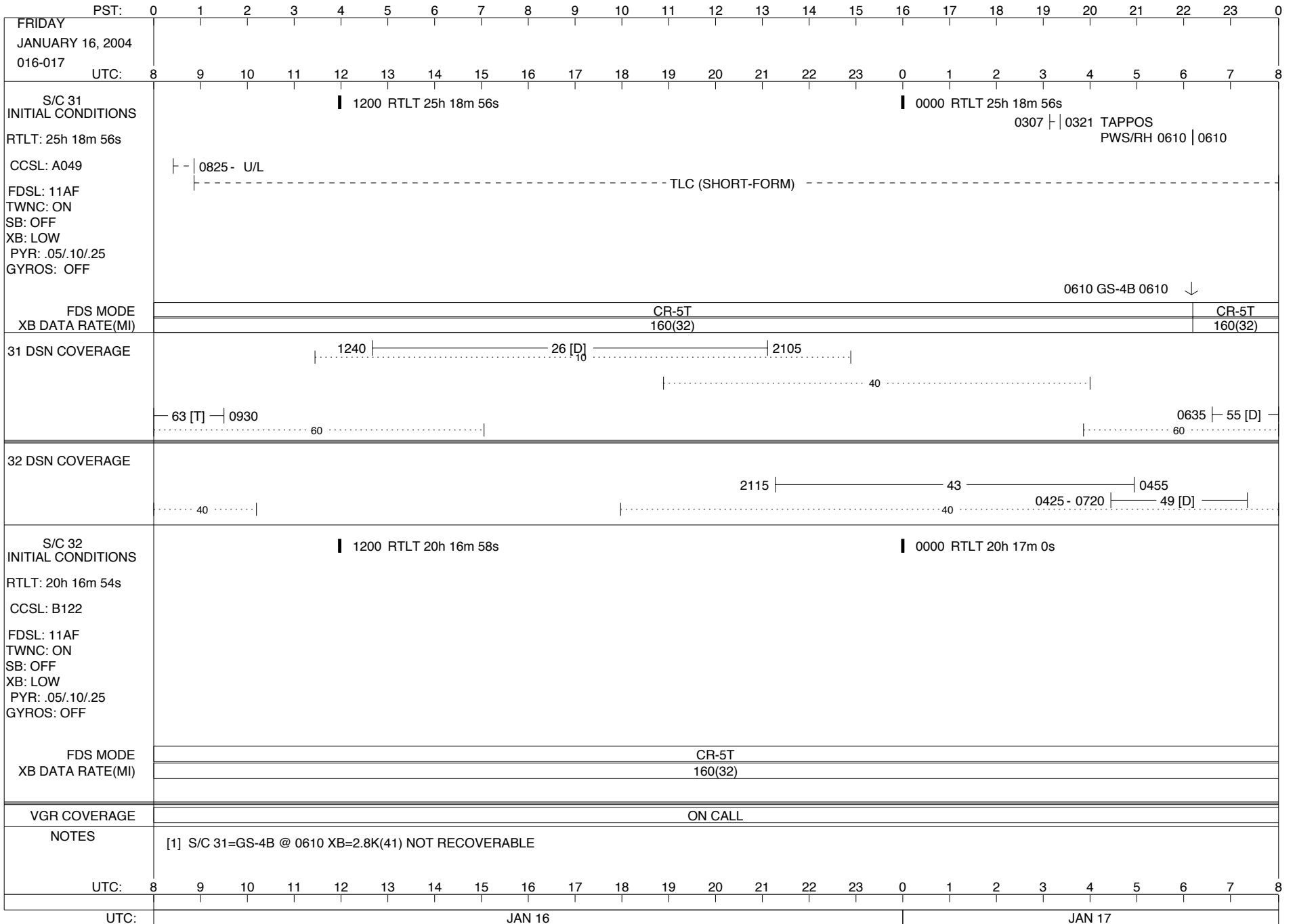
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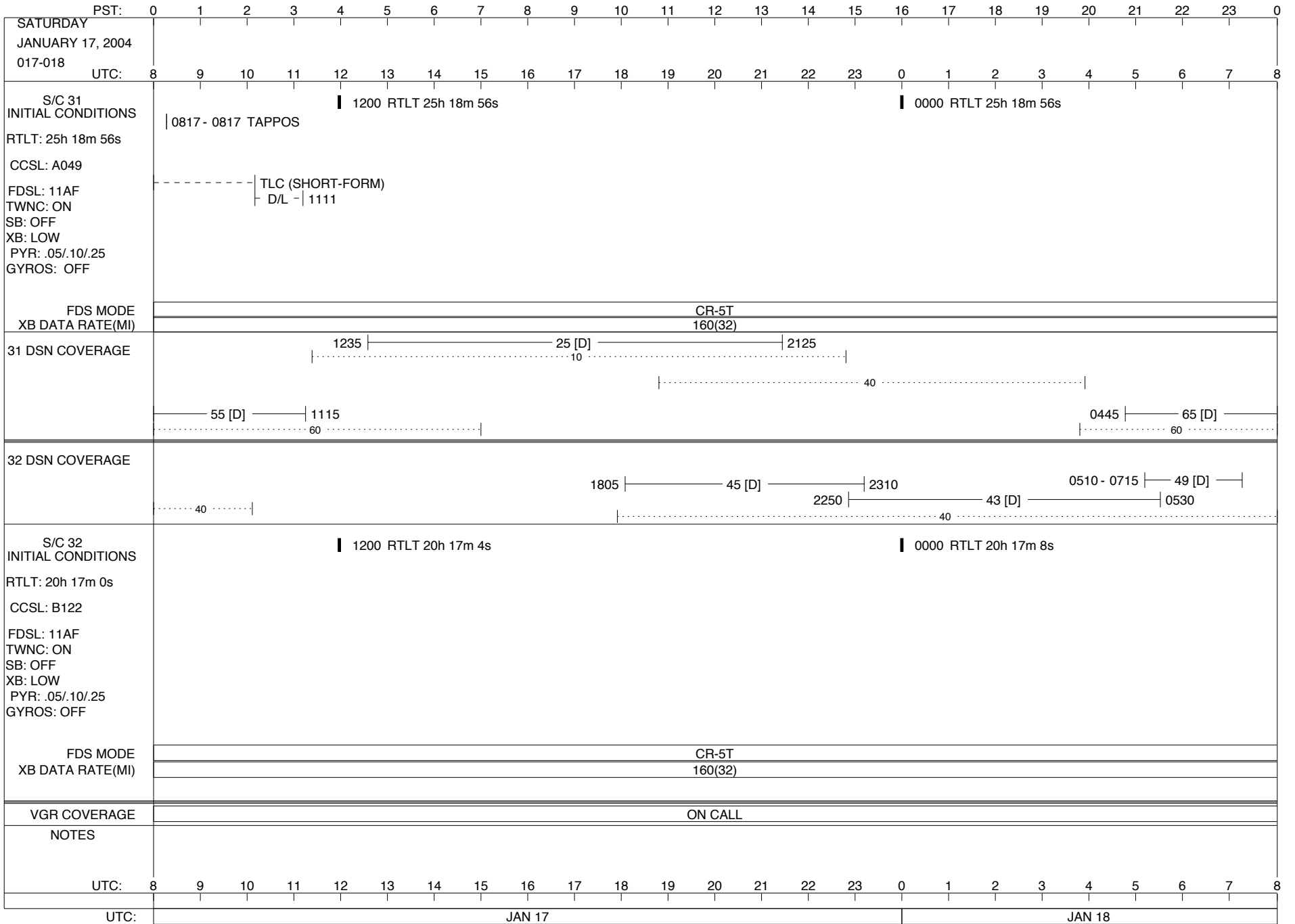
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