

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: November 10, 2004

For the Period: 11/11/04 to 12/13/04 (04-316 - 04-347)

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DSOT (1) 230-102

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 Howard, S. (3)
 Ludwig, R. (2)
 Massey, Ed
 Matsumoto, S.
 Medina (AACS)
 Poynter, R.
 Presley (3) (DSE)
 Weeks, T.
 Zottarelli, L.
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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
 D = Downlink only pass
 A = Arrayed station
 U = Uplink only pass
 B = BLF
 [o] = Ramp-through
 H = High Power Transmitter
 T = TLC Uplink

*Electronic Copy Only
 (20 – Dist/N: Paper Copies)
 09/08/04

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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

THURSDAY
NOVEMBER 11, 2004
316-317

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: 26h 10m 30s
CCSL: A053
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/10/25
GYROS: OFF

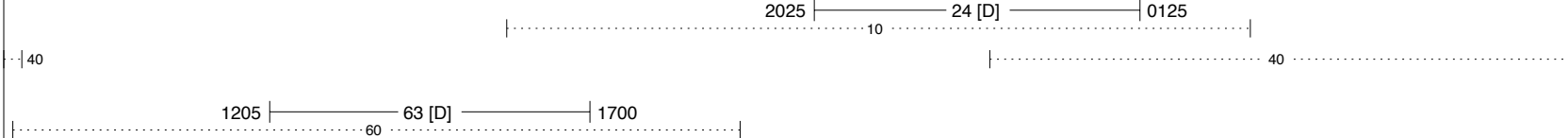
1200 RTLT 26h 10m 38s
0000 RTLT 26h 10m 46s
TLC (SHORT-FORM) ----- D/L -| 2123

S/C 31 STATUS
FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -24.130 secs
ROLLREF = RIGIL
KENTAURUS

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS
RTLT: 20h 52m 48s
CCSL: B125
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/10/25
GYROS: OFF

1200 RTLT 20h 52m 58s
0000 RTLT 20h 53m 10s

S/C 32 STATUS
FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -3:40.819 min
ROLLREF = VEGA

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

VGR COVERAGE

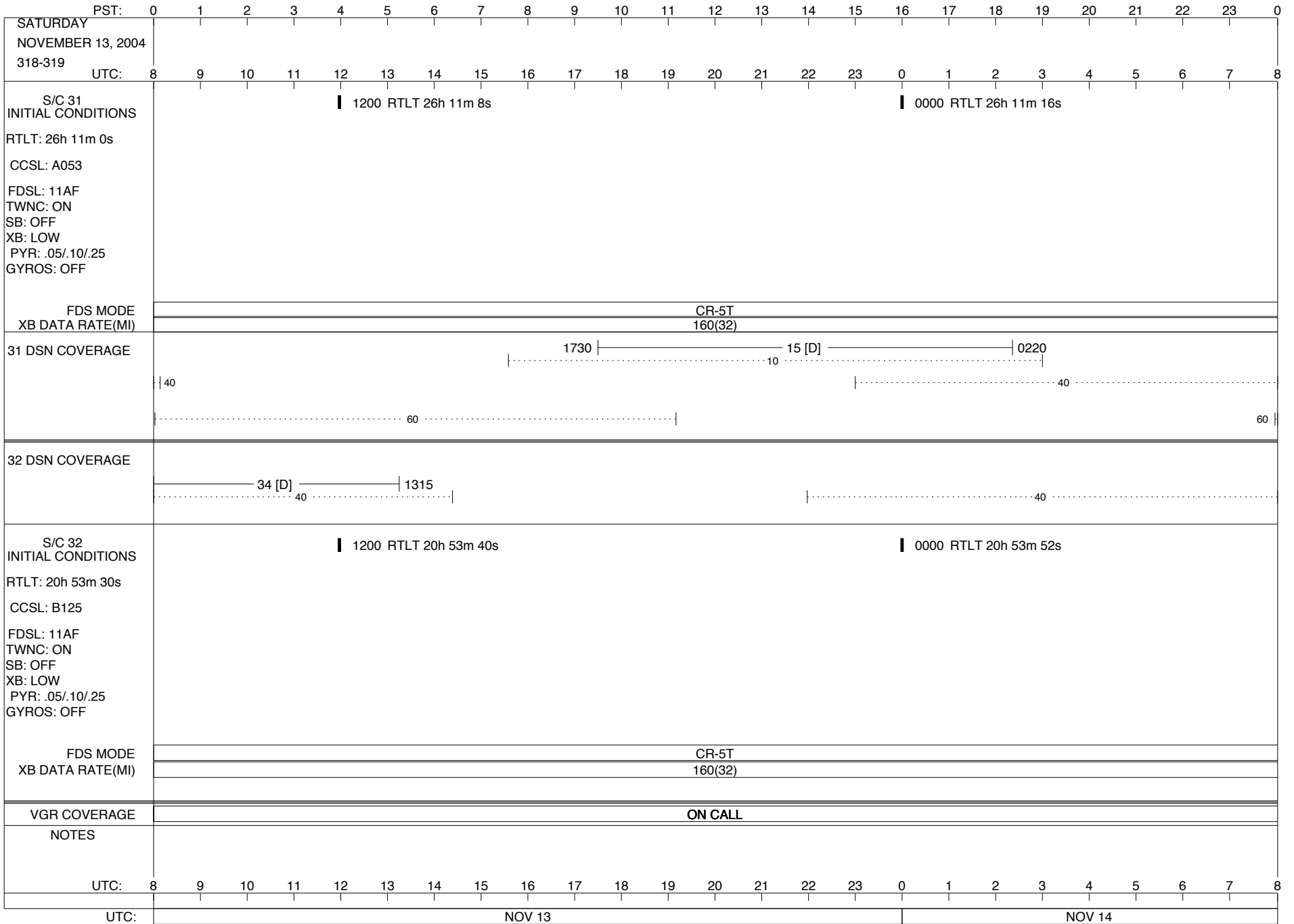
ON CALL

NOTES

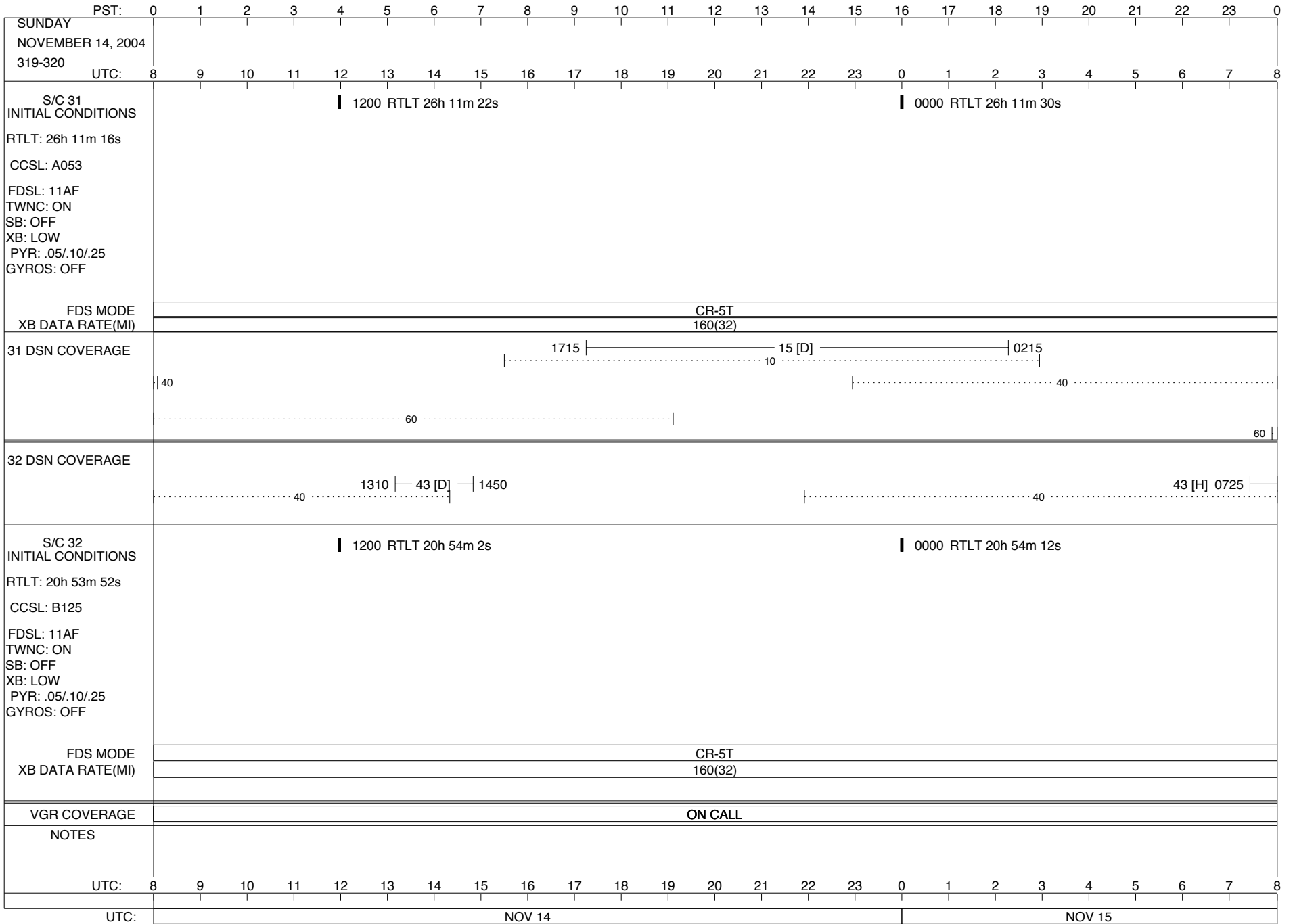
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UTC: NOV 11 NOV 12

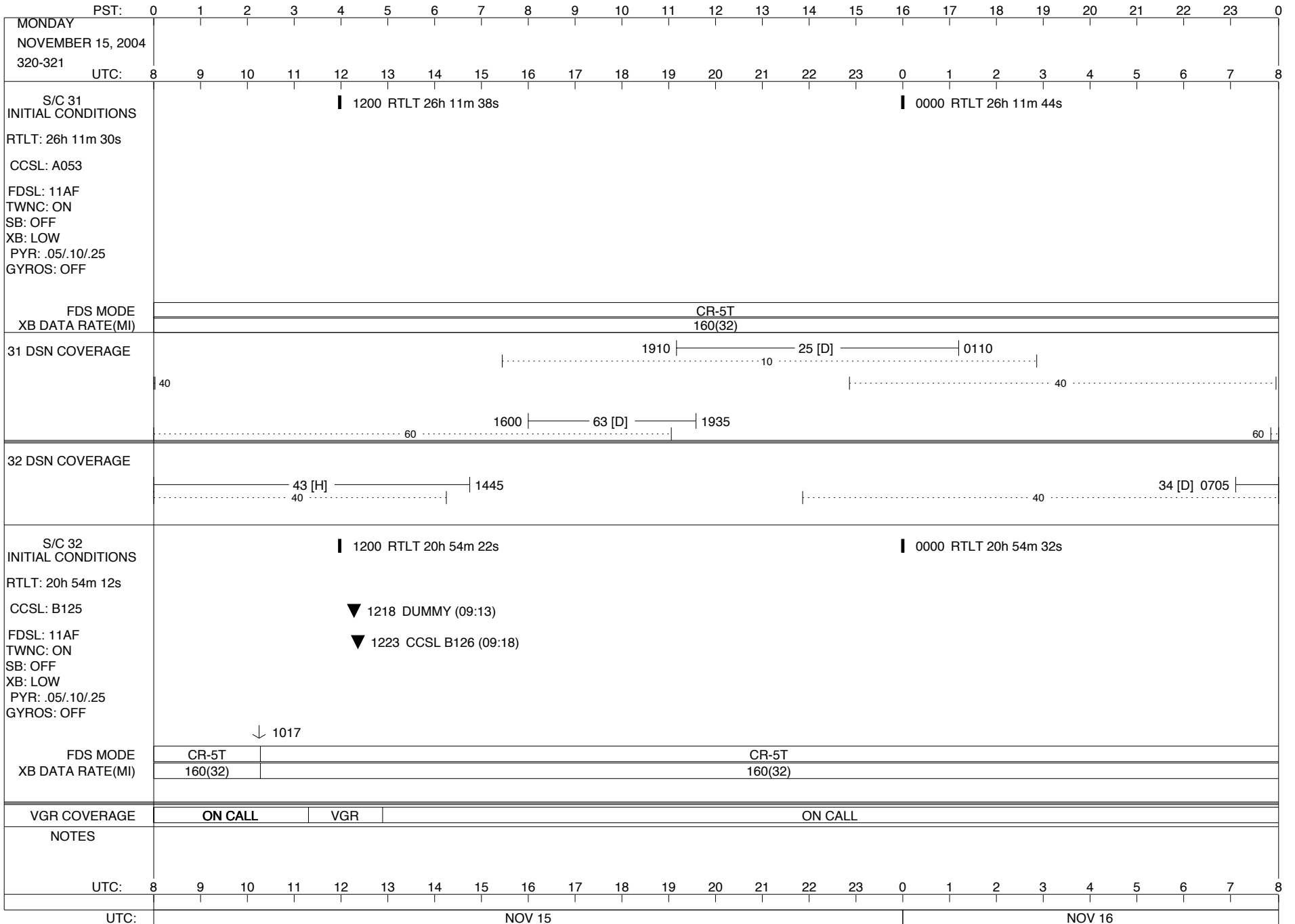
ISSUE DATE: 11/10/04 18:18



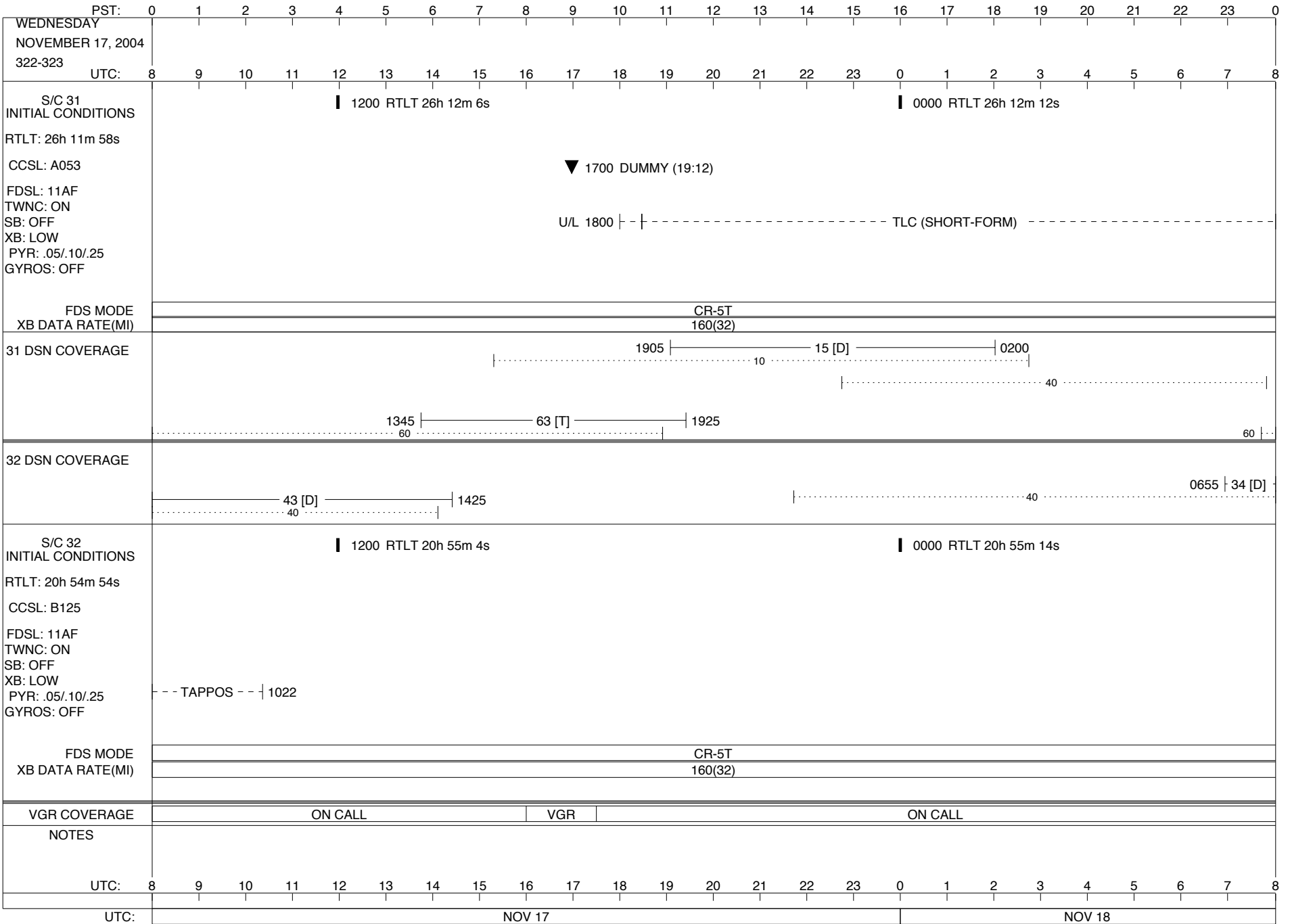
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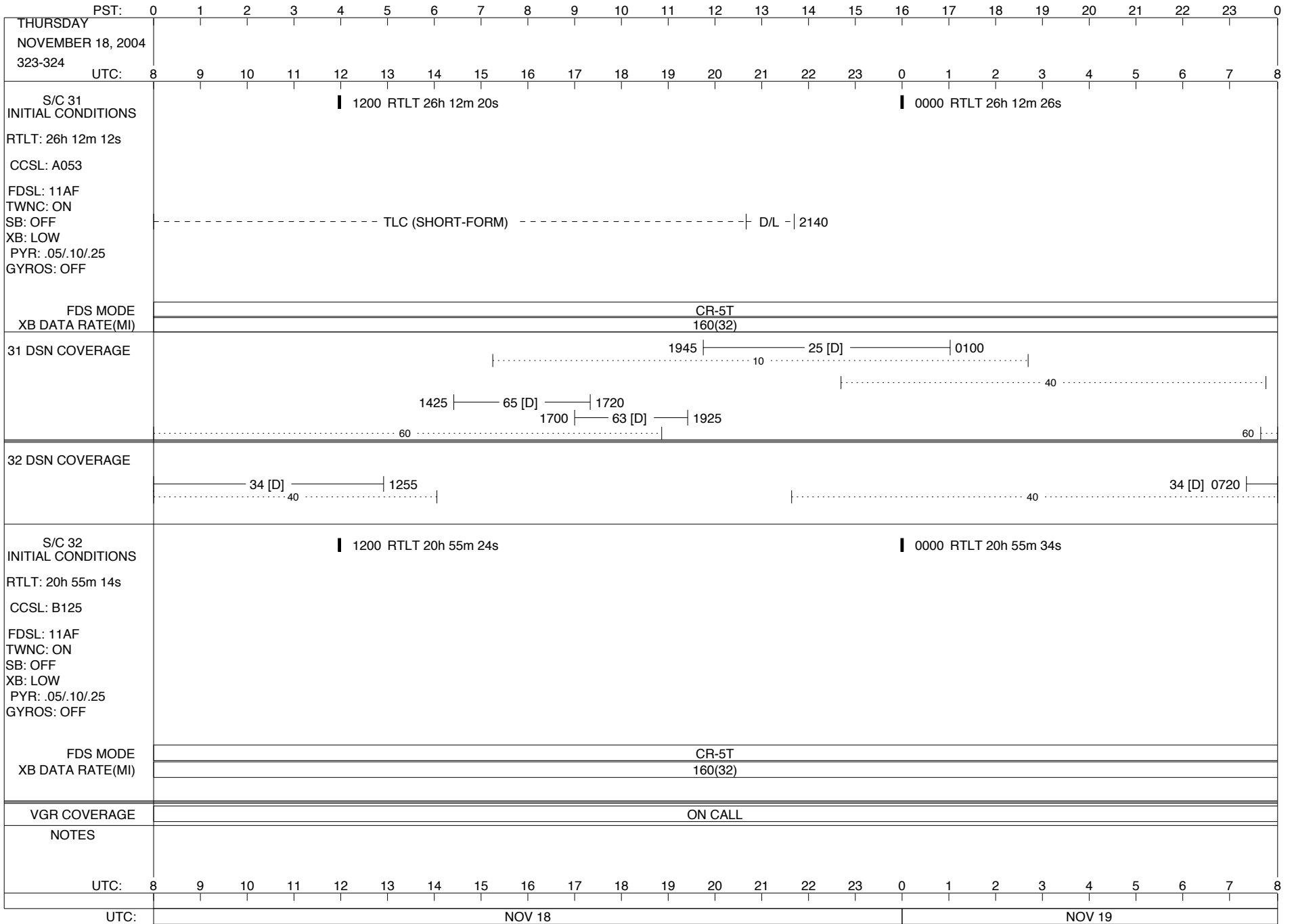
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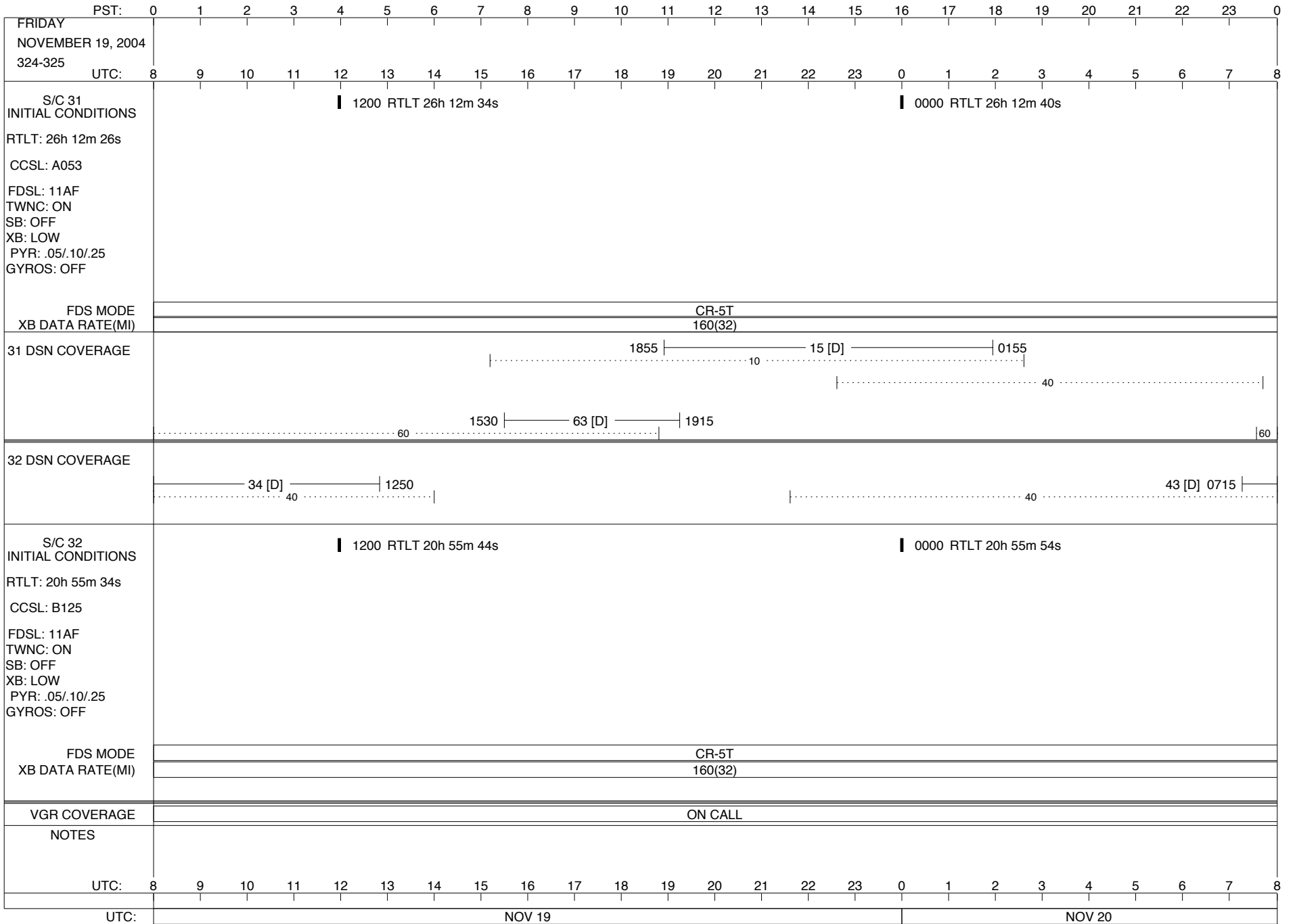
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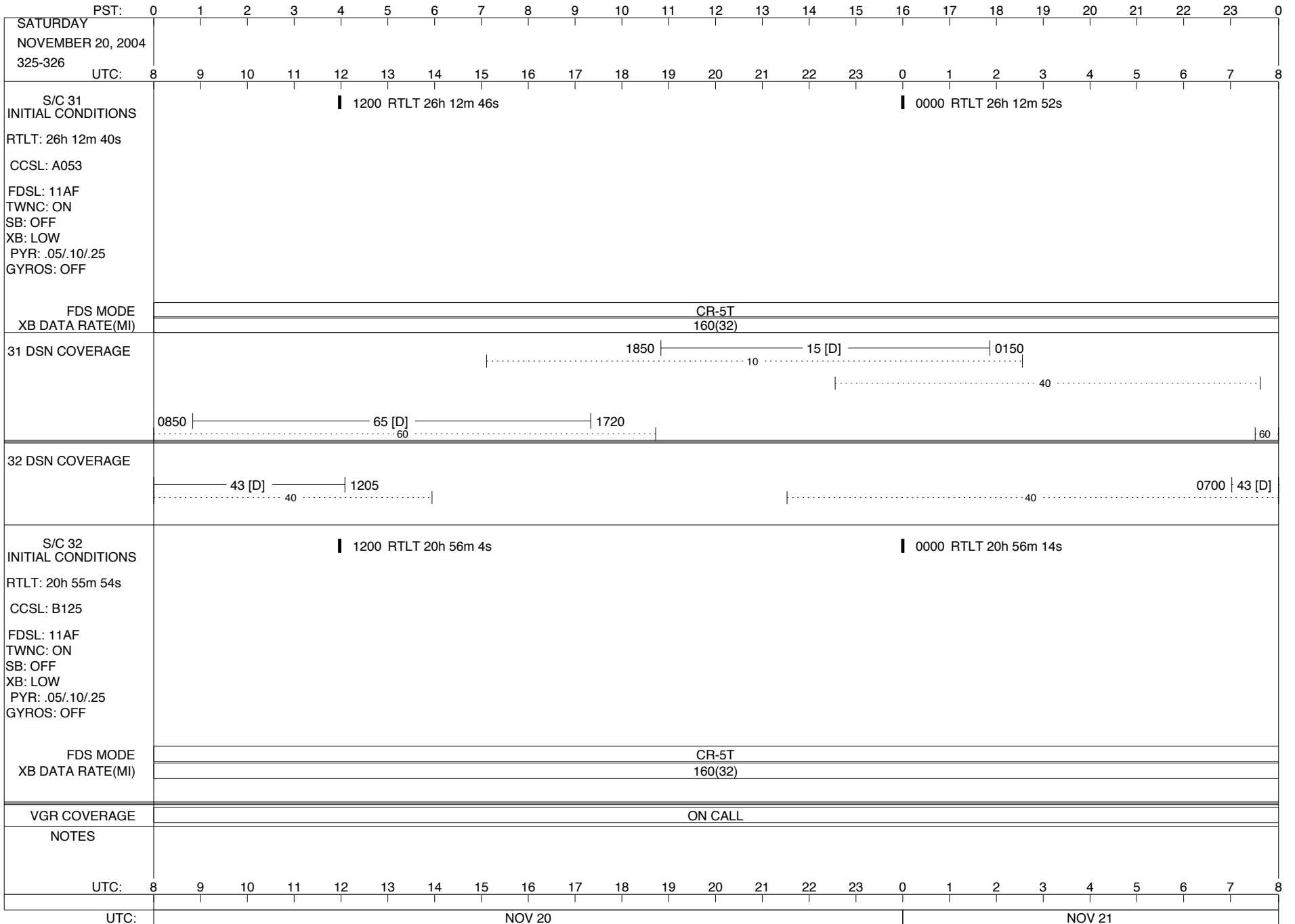
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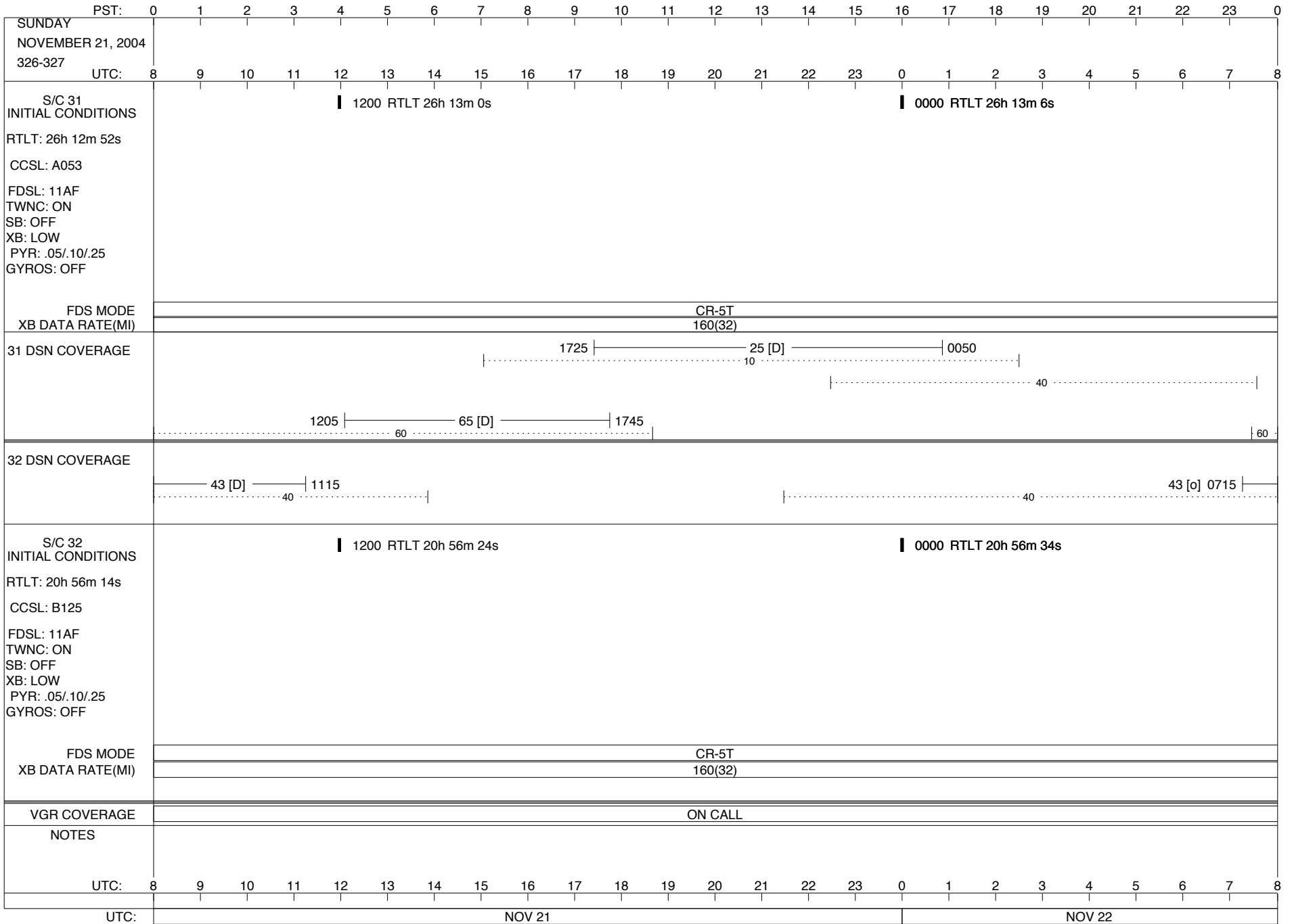
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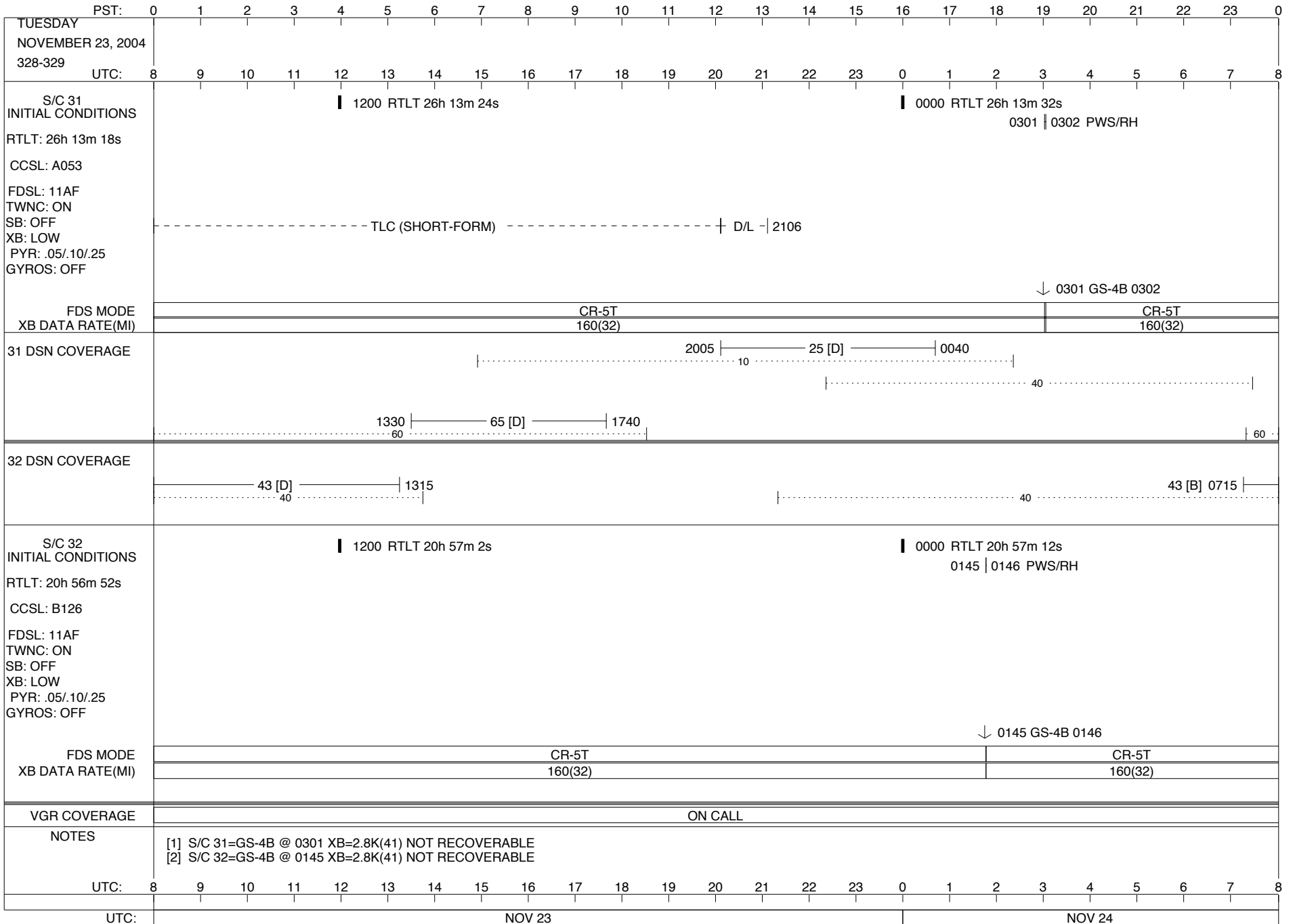
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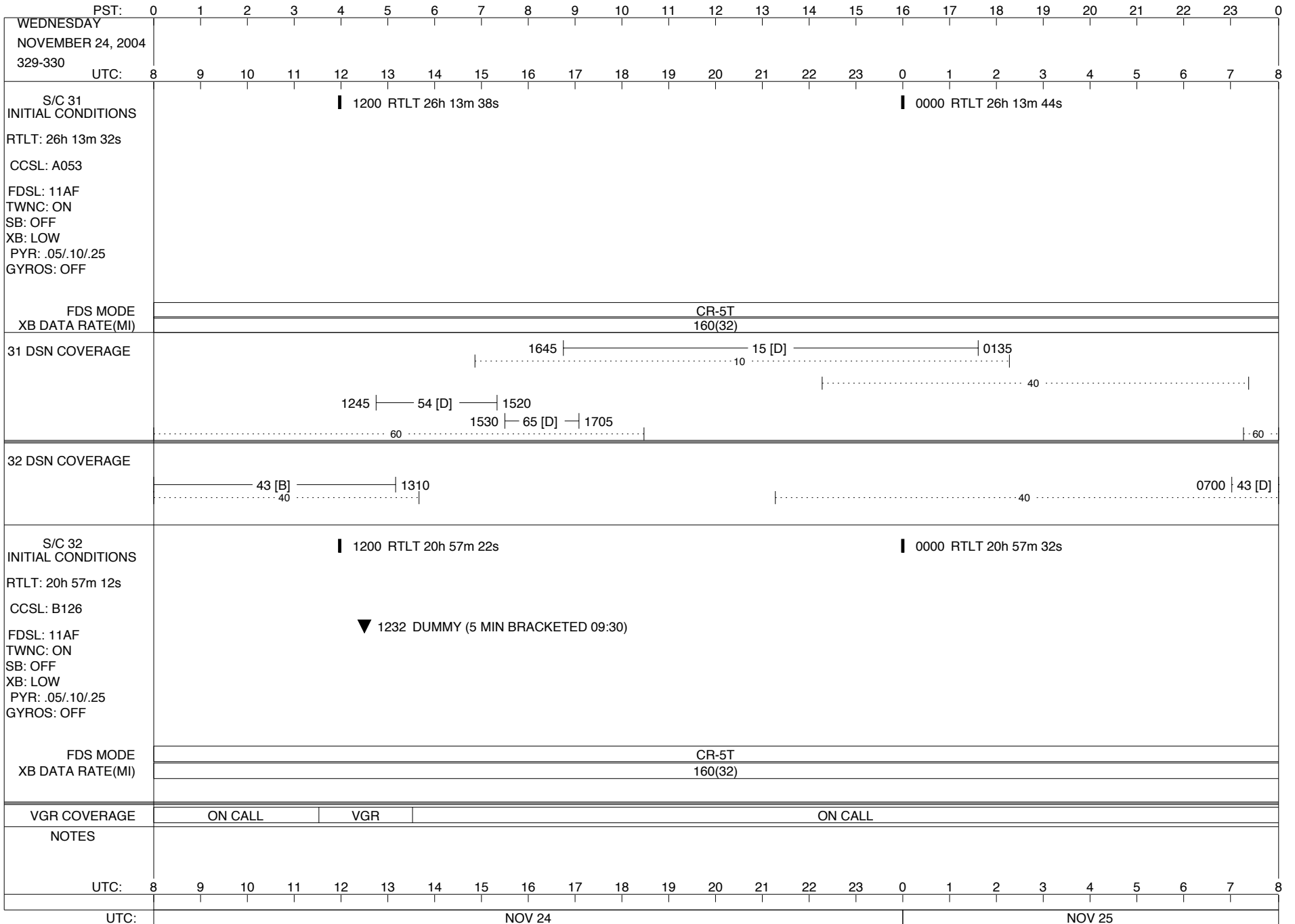
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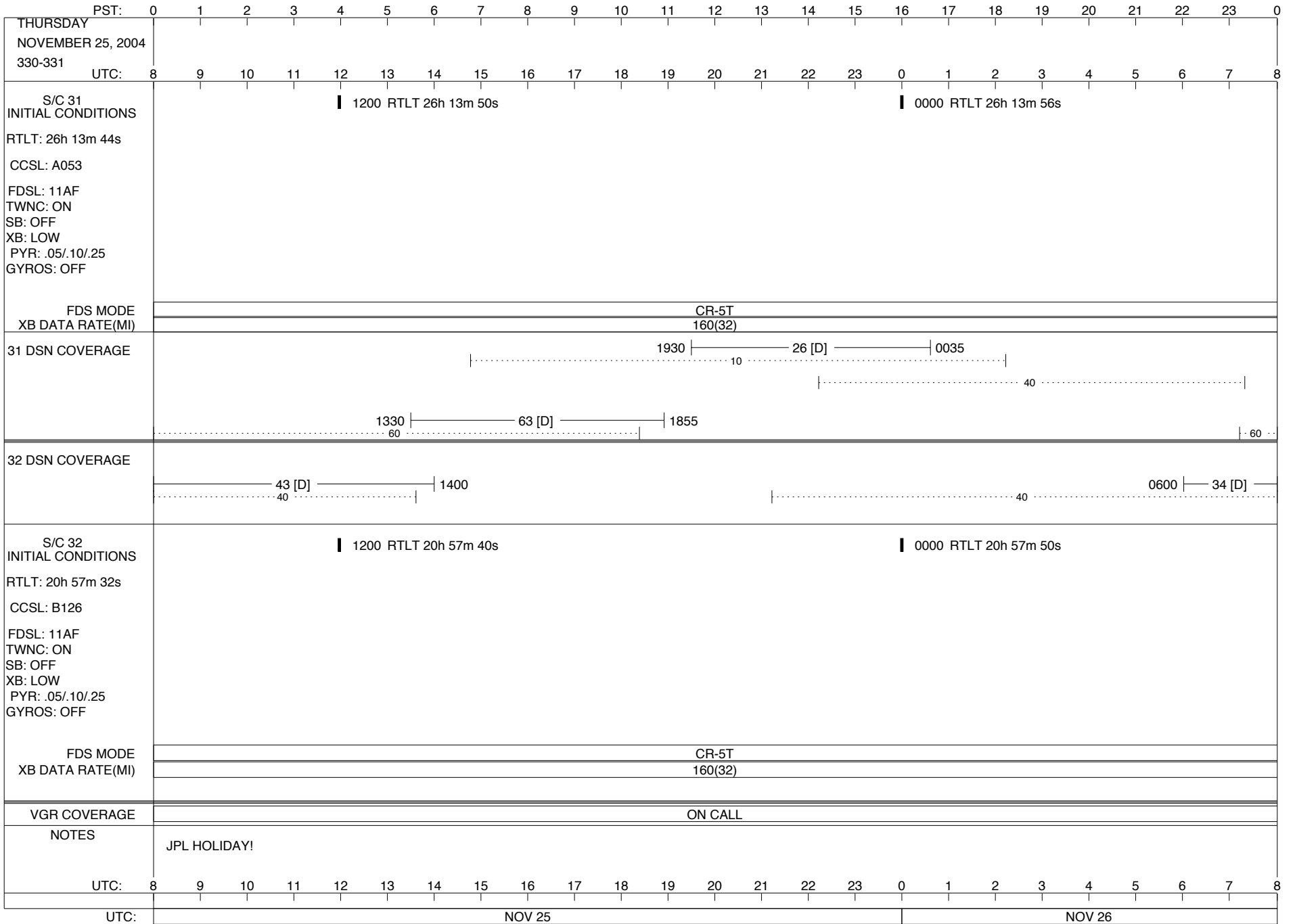
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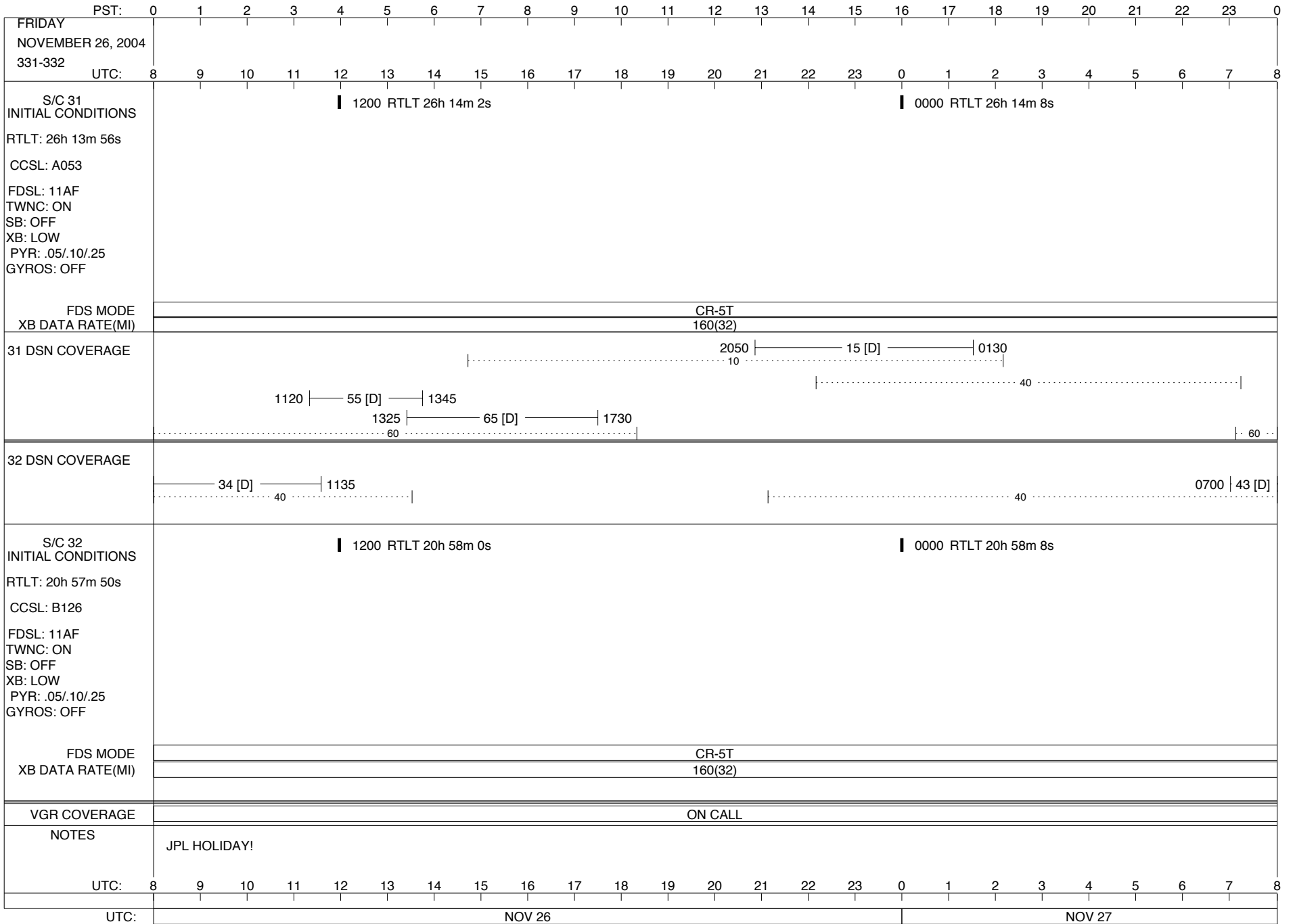
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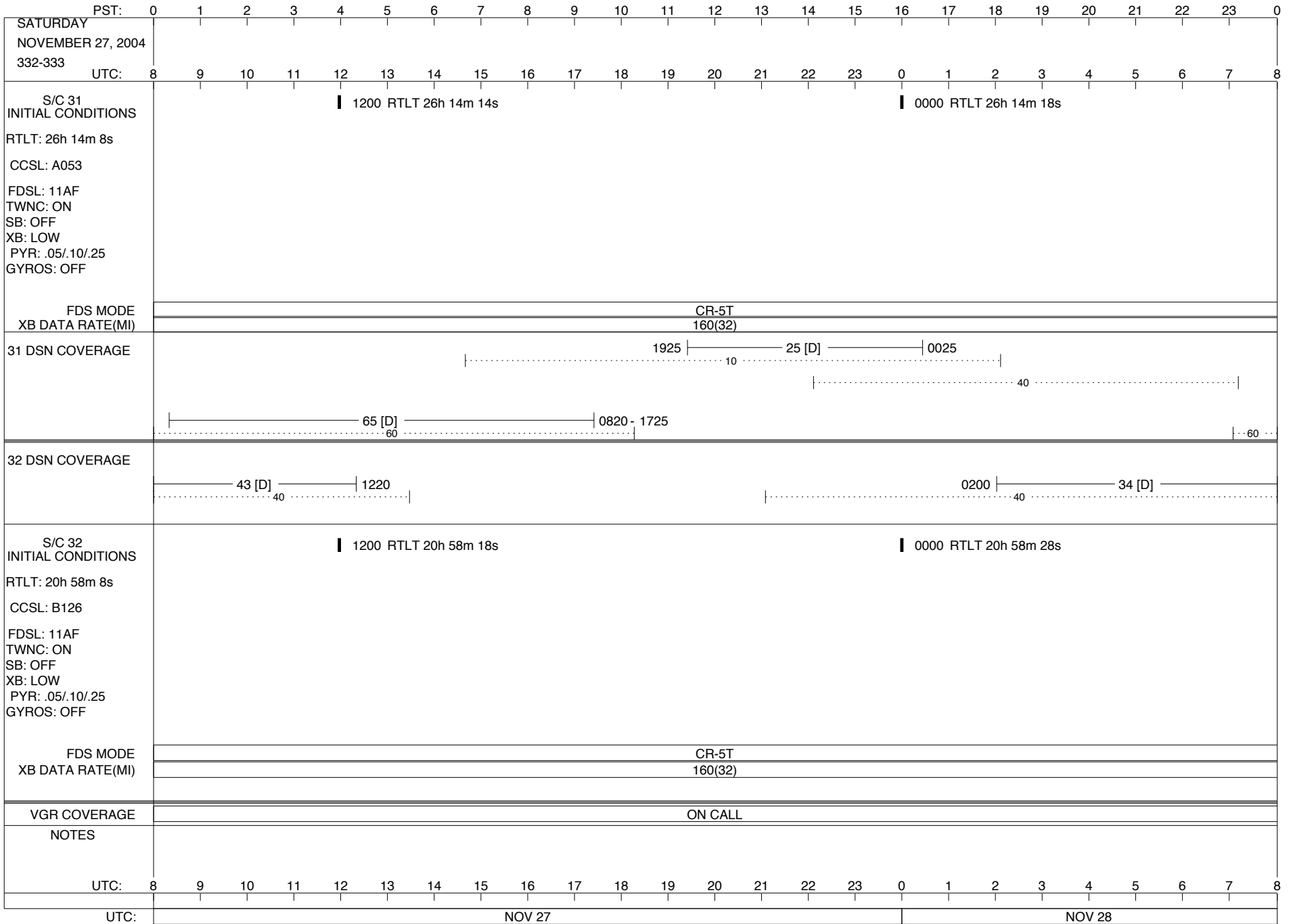
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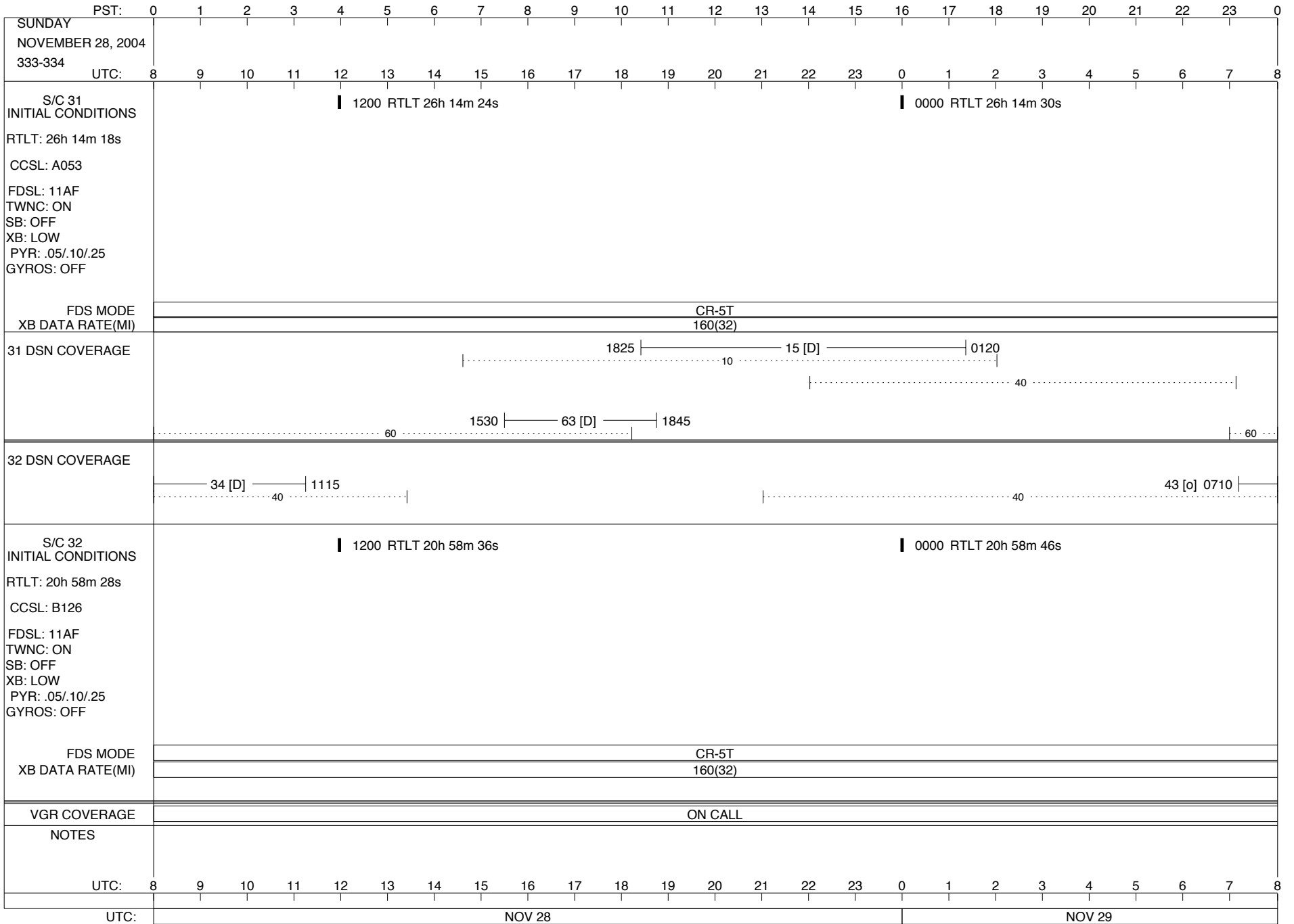
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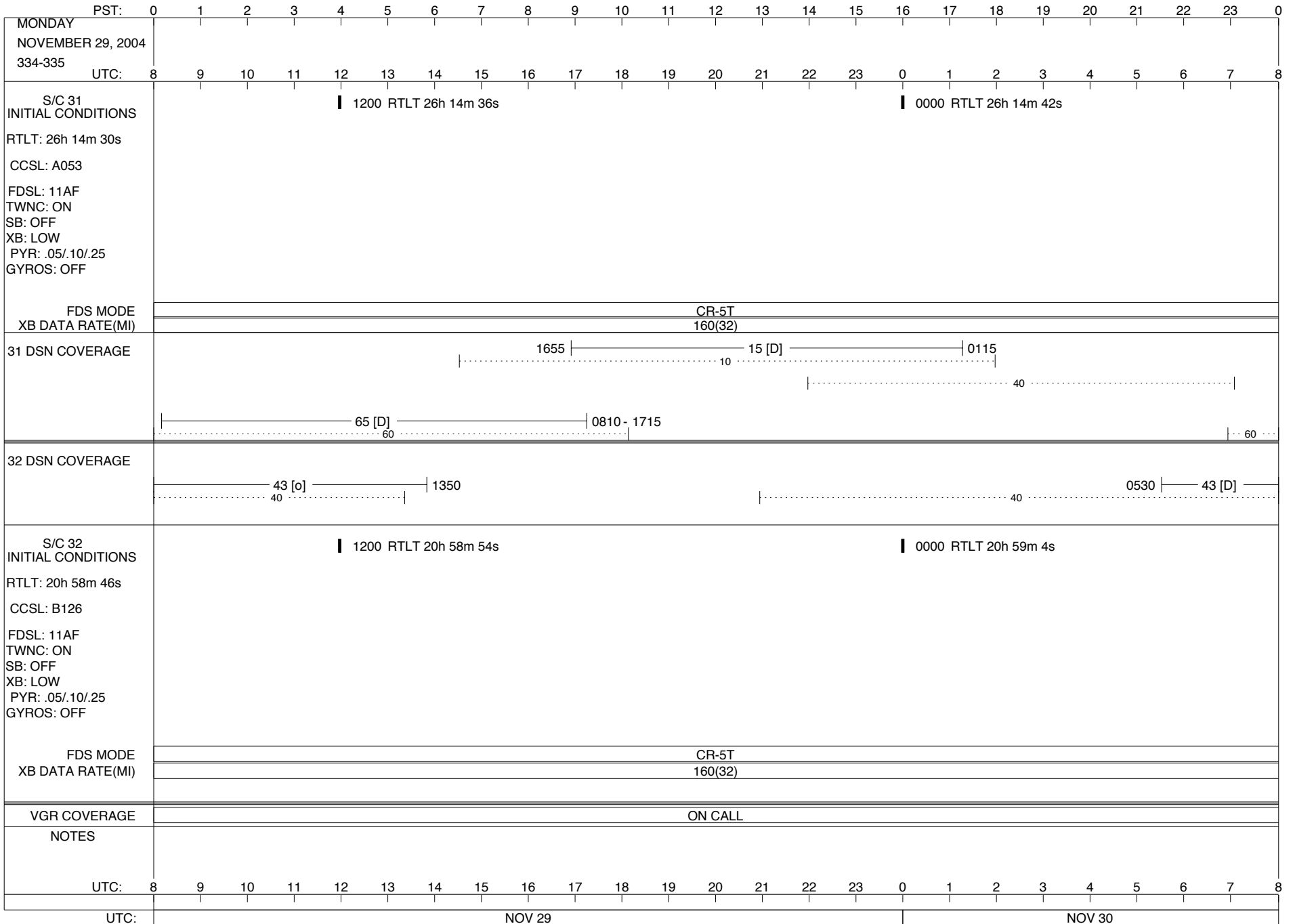
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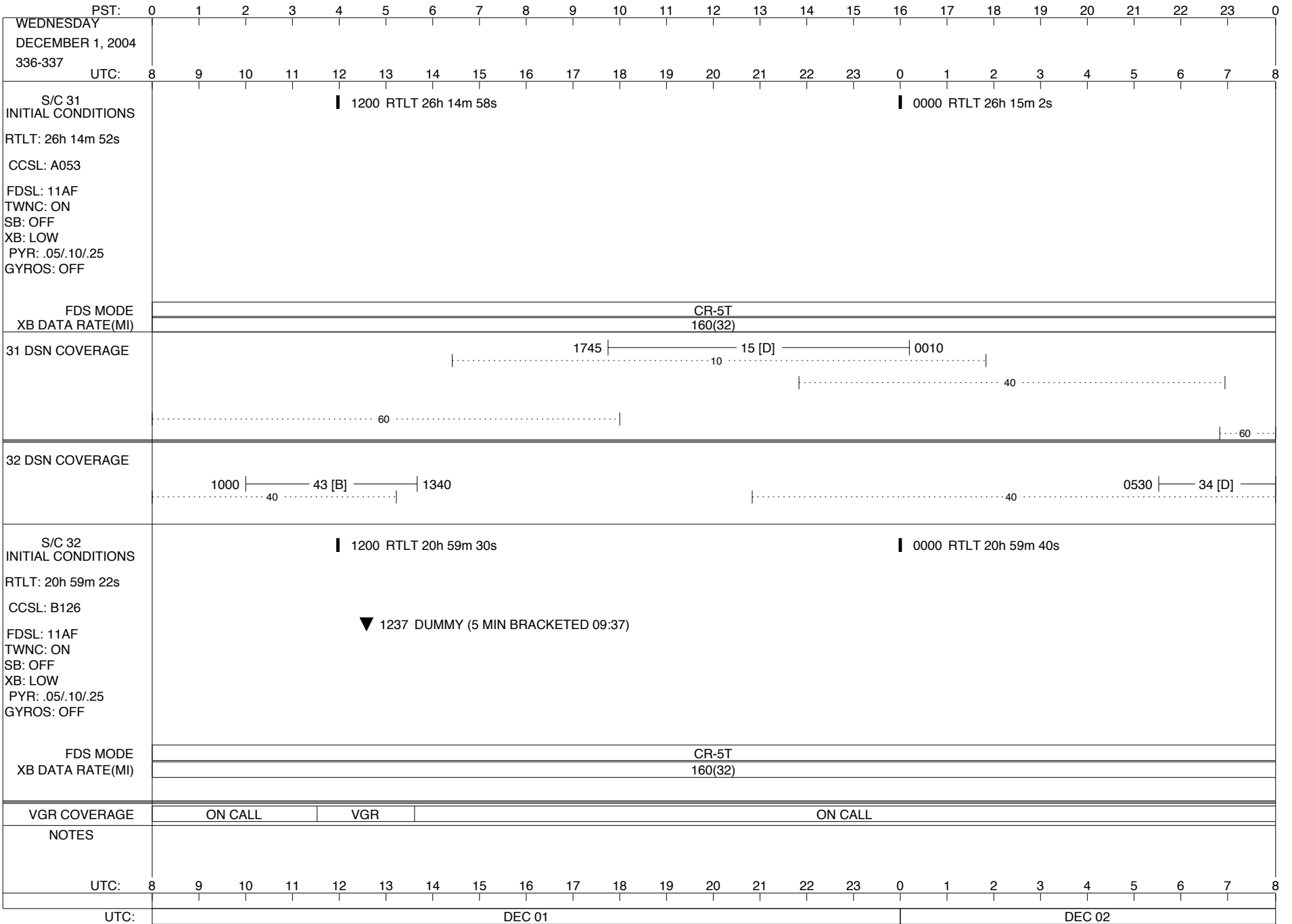
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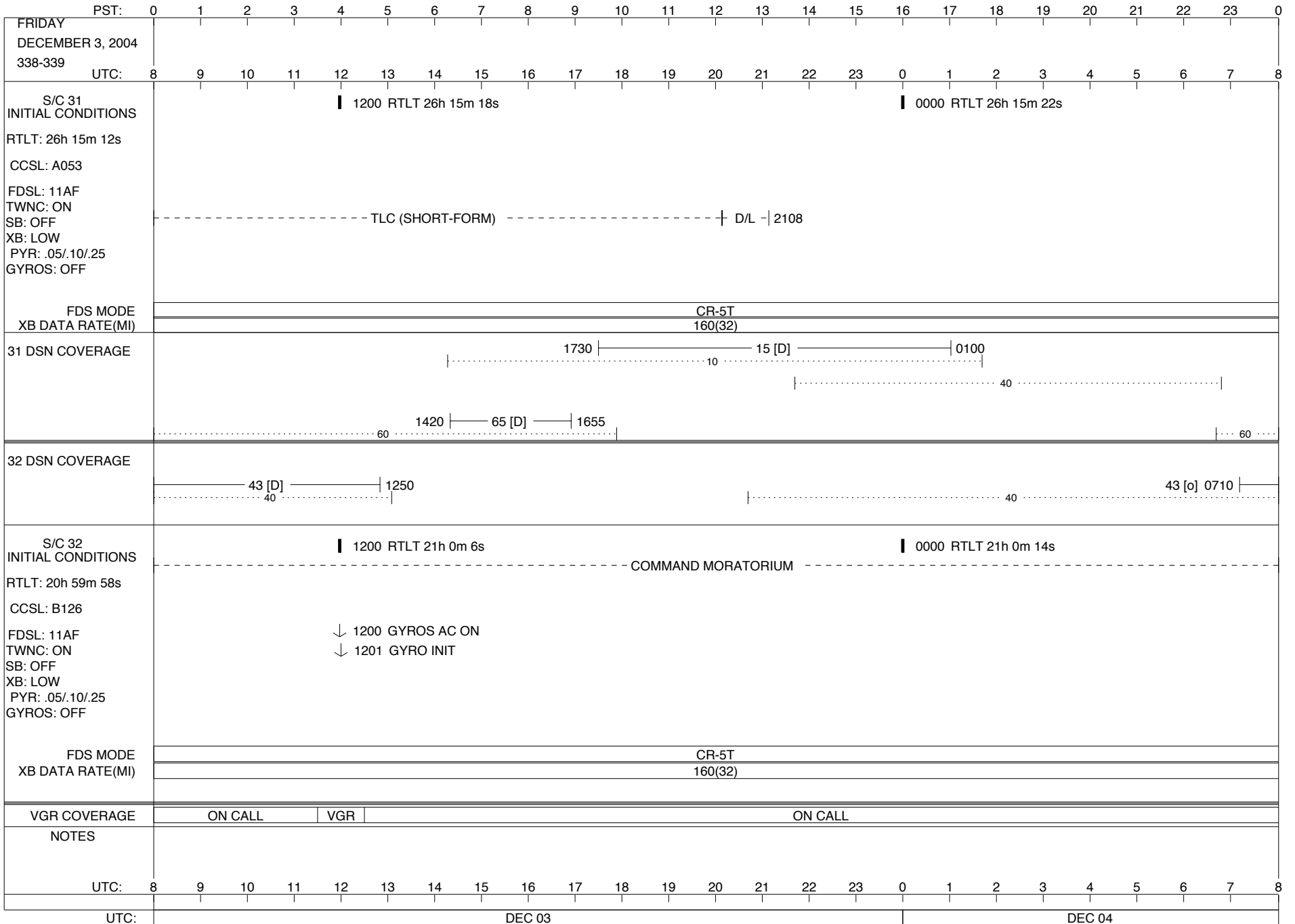
ISSUE DATE: 11/10/04 18:18

TUESDAY		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																							
NOVEMBER 30, 2004		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: 26h 14m 42s CCSL: A053 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 26h 14m 46s																			0000 RTLT 26h 14m 52s 0238 0238 PWS/RH					
	↓ 0238 GS-4B 0238																								
	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 RTLT: 20h 59m 4s CCSL: B126 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 20h 59m 14s																			0000 RTLT 20h 59m 22s 0122 0123 PWS/RH					
	↓ 0122 GS-4B 0123																								
	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 @ 0238 XB=2.8K(41) NOT RECOVERABLE [2] S/C 32=GS-4B @ 0122 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 30																		DEC 01					

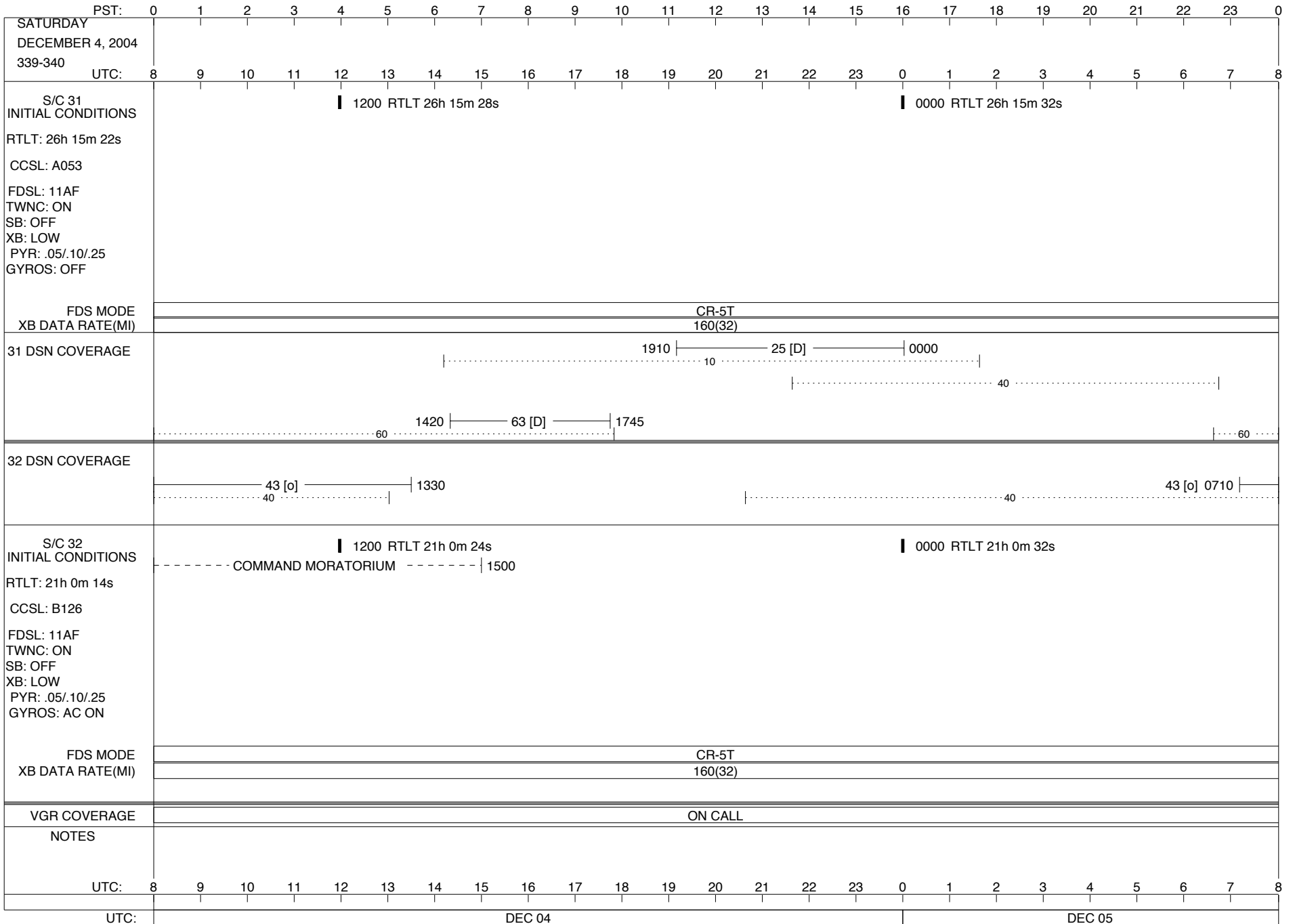
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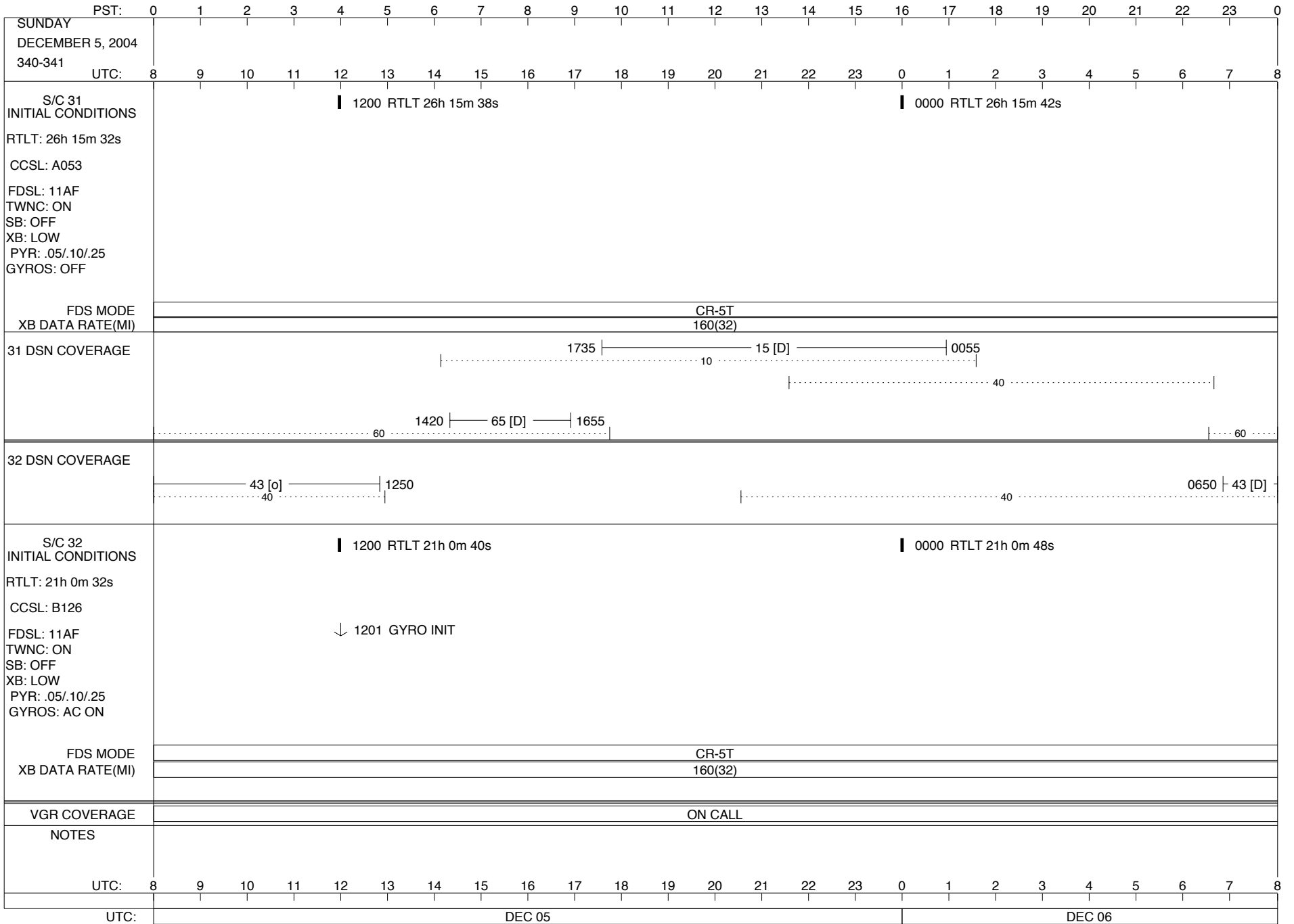
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ISSUE DATE: 11/10/04 18:18



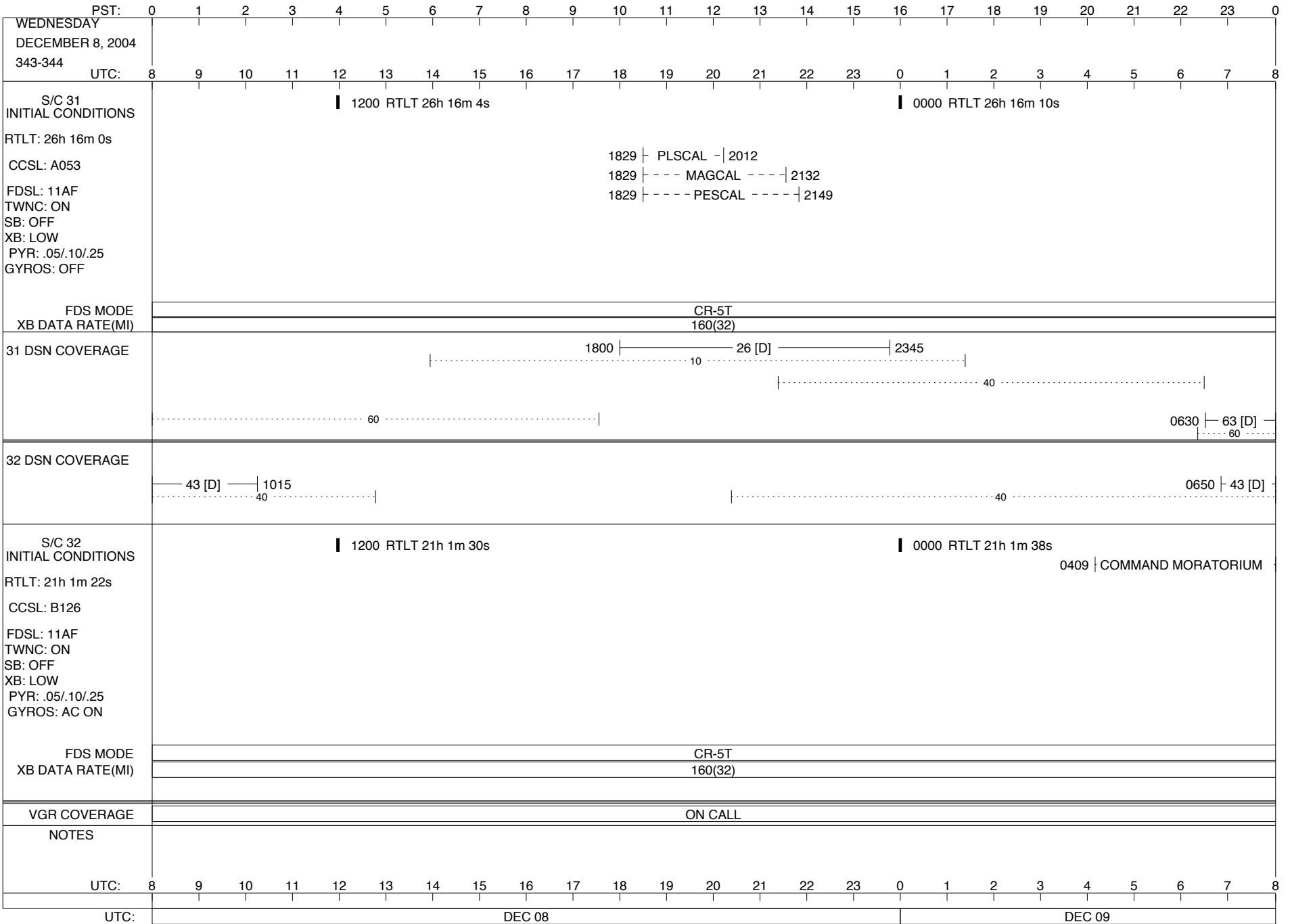
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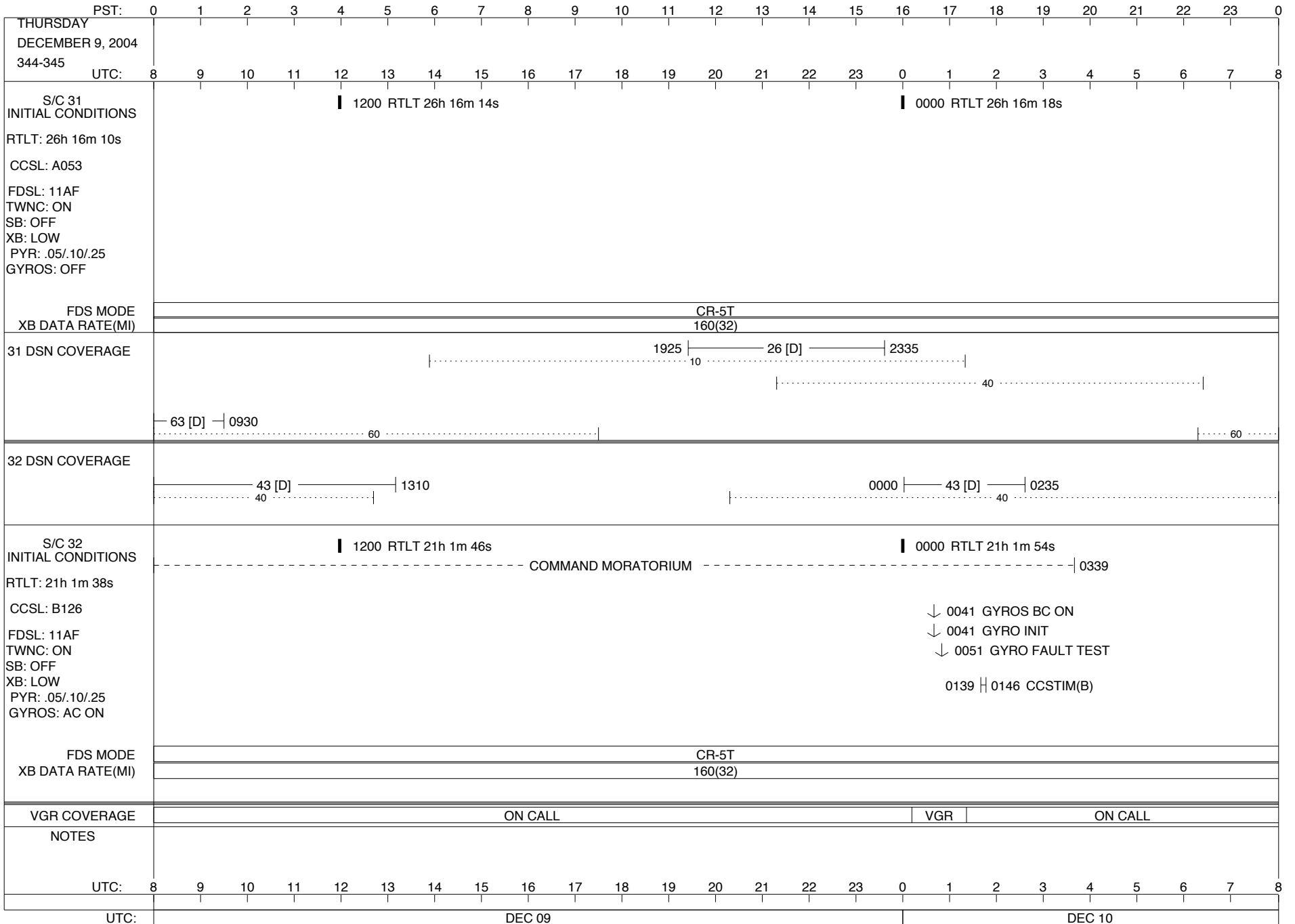
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PST:		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0			
TUESDAY																													
DECEMBER 7, 2004																													
342-343																													
UTC:		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS		1200 RTLT 26h 15m 56s														0000 RTLT 26h 16m 0s													
RTLT: 26h 15m 52s																0214 0215 PWS/RH													
CCSL: A053																													
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		<p>1635 15 [D] 1935</p> <p>1350 65 [D] 1645</p> <p>0615 43 [D] </p>																											
32 DSN COVERAGE		<p>43 [B] 1320</p> <p>0615 43 [D] </p>																											
S/C 32 INITIAL CONDITIONS		1200 RTLT 21h 1m 14s														0000 RTLT 21h 1m 22s													
RTLT: 21h 1m 6s																0059 0100 PWS/RH													
CCSL: B126		▼ 1137 DUMMY (5 MIN BRACKETED 09:39)																											
FDSL: 11AF																													
TWNC: ON		↓ 1202 GYRO INIT																											
SB: OFF																													
XB: LOW																													
PYR: .05/.10/.25																													
GYROS: AC ON																													
FDS MODE		CR-5T														CR-5T													
XB DATA RATE(MI)		160(32)														160(32)													
VGR COVERAGE		ON CALL							VGR							ON CALL													
NOTES		<p>[1] S/C 31=GS-4B @ 0214 XB=2.8K(41) NOT RECOVERABLE</p> <p>[2] S/C 32=GS-4B @ 0059 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:		DEC 07														DEC 08													

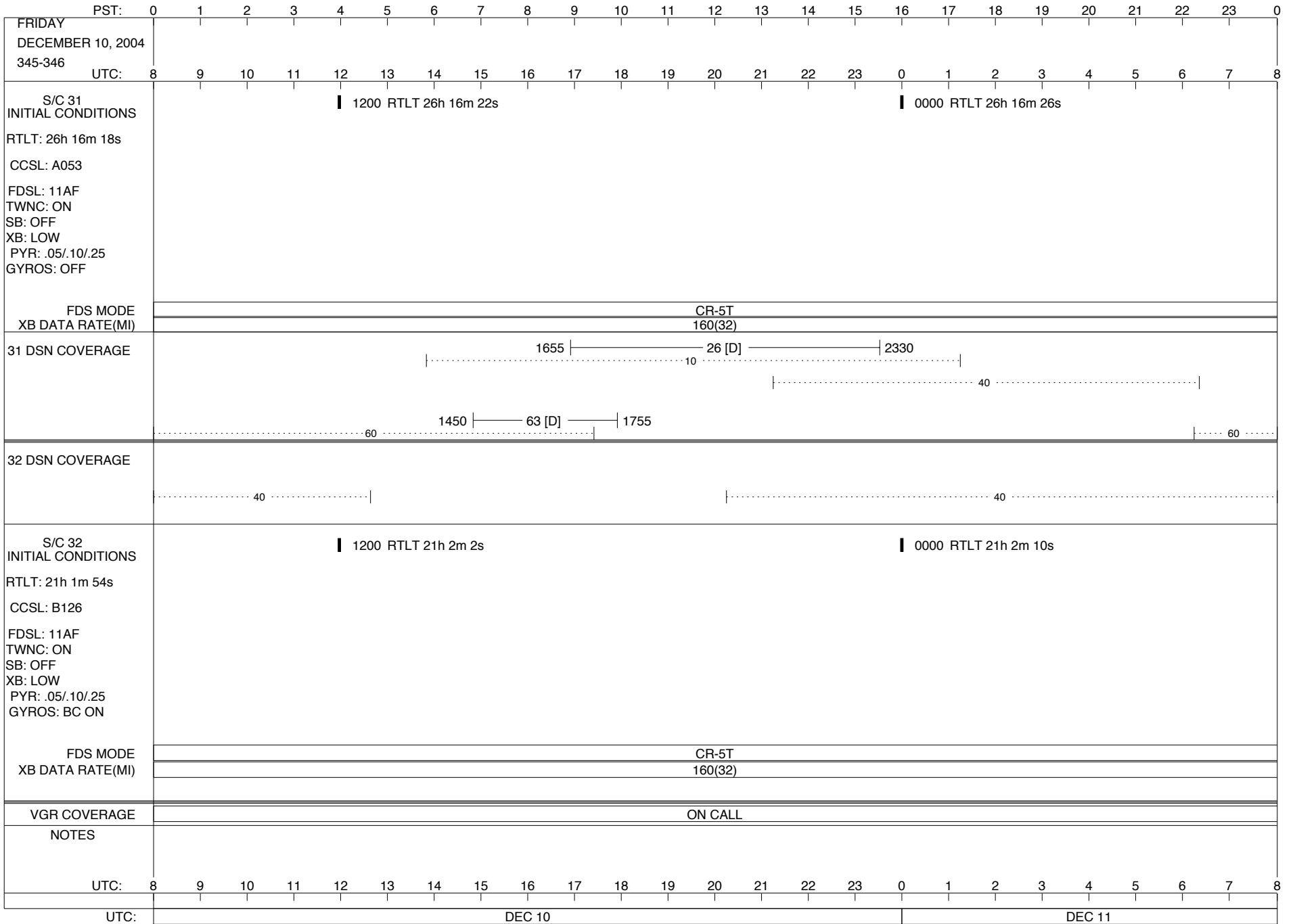
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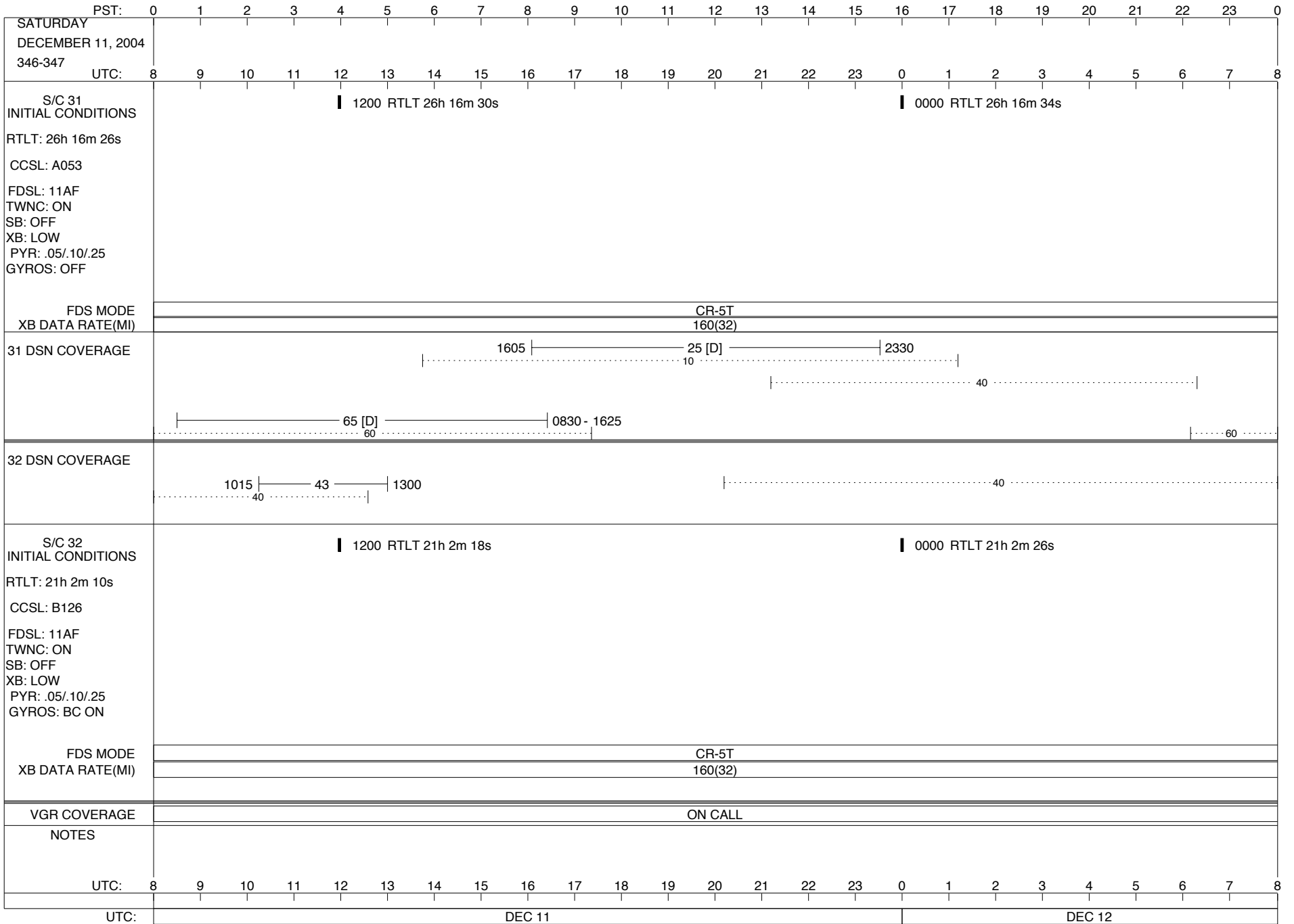
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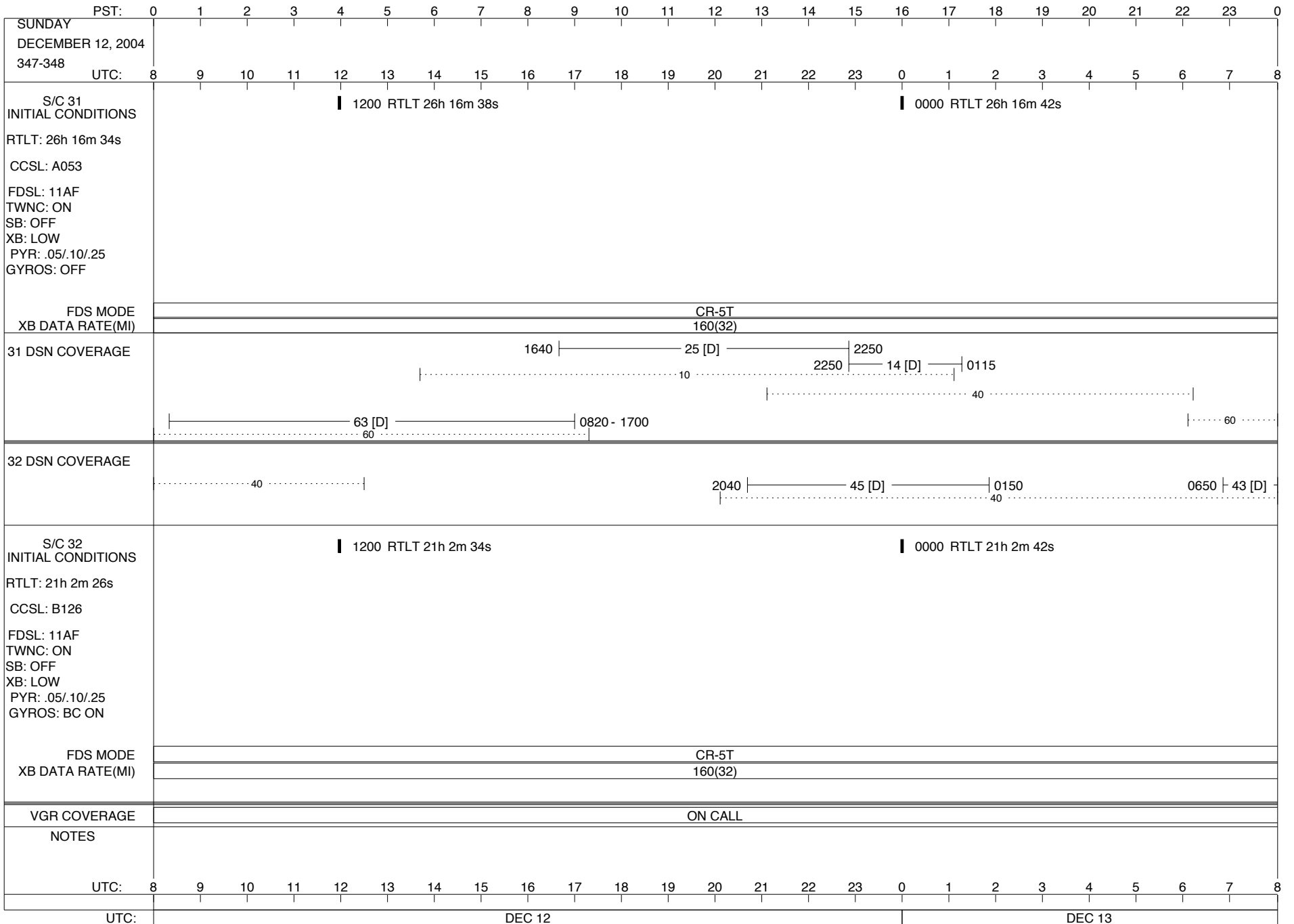
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