

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: December 16, 2009

For the Period: 12/17/09 to 01/18/10 (09-351 – 10-018)

DSN OPSCHIEF (1) 230-102

SCIENCE

FLIGHT TEAM (15) 600-100

DSOT (1) 230-102

*Zsarina.Bulchand@jpl.nasa.gov
 *gdyke@airmail.ftops.jpl.nasa.gov
 *John.M.Grant@jpl.nasa.gov
 *dmcclena@airmail.ftops.jpl.nasa.gov
 *pquach@airmail.ftops.jpl.nasa.gov
 *mrobles@airmail.ftops.jpl.nasa.gov
 *rwilliam@airmail.ftops.jpl.nasa.gov

CRS *bryant@mail630.gsfc.nasa.gov
 LECP *r.decker@jhuapl.edu
 UVS *holberg@argus.lpl.arizona.edu
 MAG *u2mha@lepvox.gsfc.nasa.gov
 PLS *vgr@space.mit.edu
 PWS *wsk@space.physics.uiowa.edu
 *Leonard.F.Burlaga@nasa.gov
 *Donald-Gurnett@uiowa.edu

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

*odivers1@san.rr.com

OTHER

* KMassey@jgld.gdscc.nasa.gov
 * 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

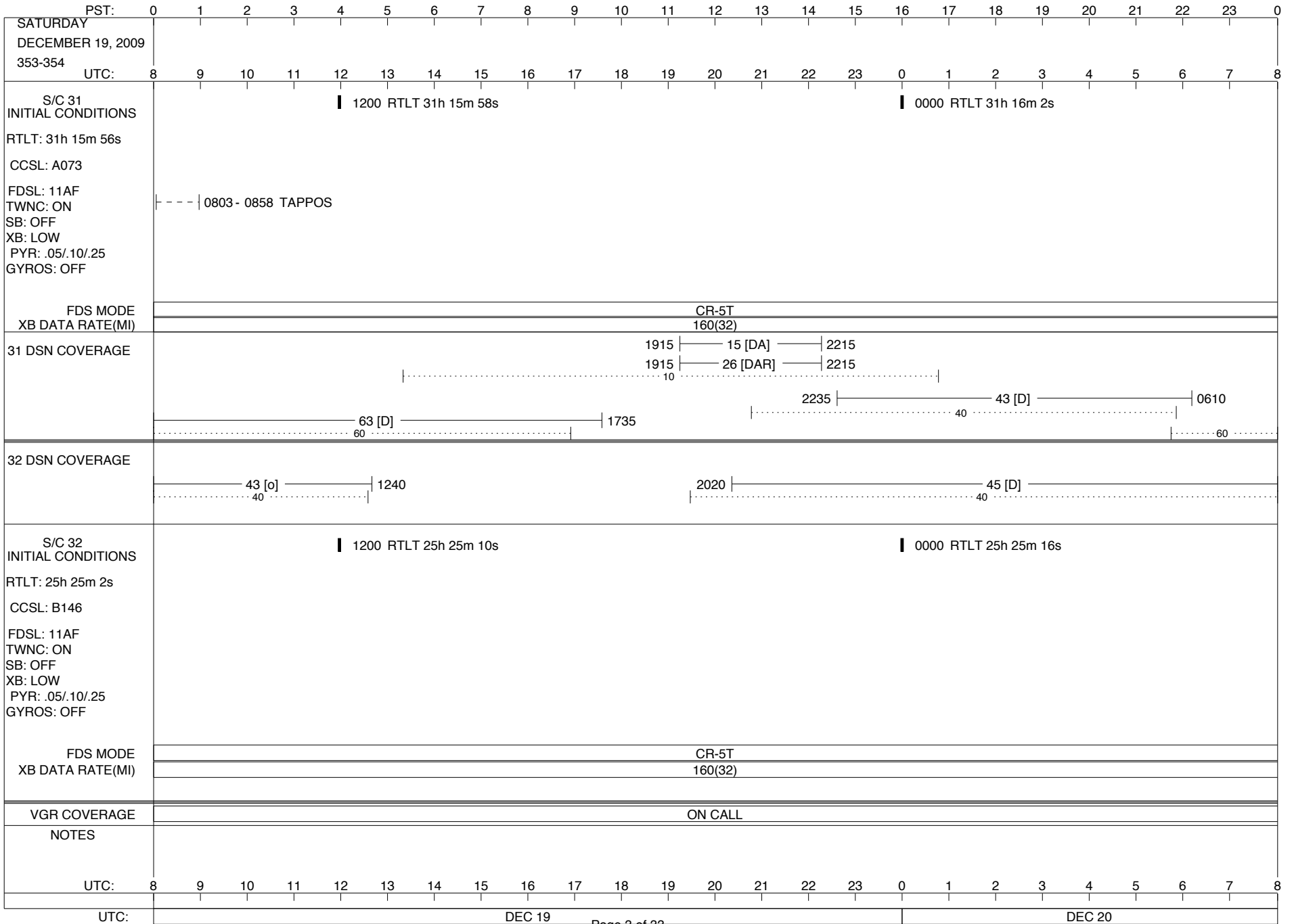
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S/C 31 INITIAL CONDITIONS RTLTL: 31h 15m 42s CCSL: A073 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 31h 15m 46s														█ 0000 RTLTL 31h 15m 48s													
FDS MODE															CR-5T													
XB DATA RATE(MI)															160(32)													
31 DSN COVERAGE	<p>.....10.....</p> <p>.....40.....</p> <p>.....1530 ----- 63 [D] ----- 1745</p> <p>.....60.....60.....</p>																											
32 DSN COVERAGE	<p>.....40.....</p> <p>.....2245 ----- 43 [D] -----40.....</p>																											
S/C 32 INITIAL CONDITIONS RTLTL: 25h 24m 34s CCSL: B146 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	█ 1200 RTLTL 25h 24m 42s														█ 0000 RTLTL 25h 24m 48s													
FDS MODE															CR-5T													
XB DATA RATE(MI)															160(32)													
VGR COVERAGE	ON CALL														VGR													
NOTES	[1] S/C 32 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0109-0704)																											
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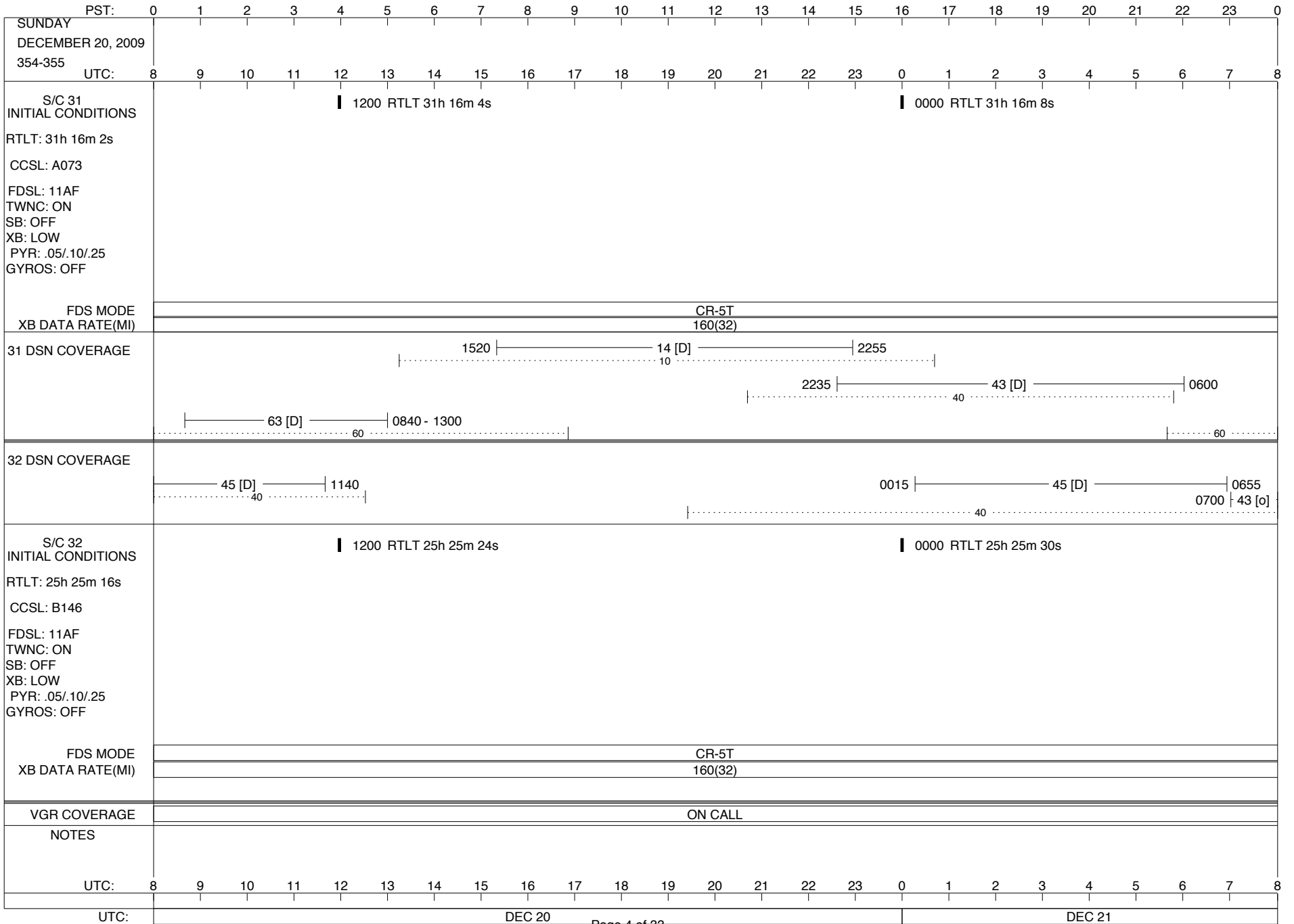
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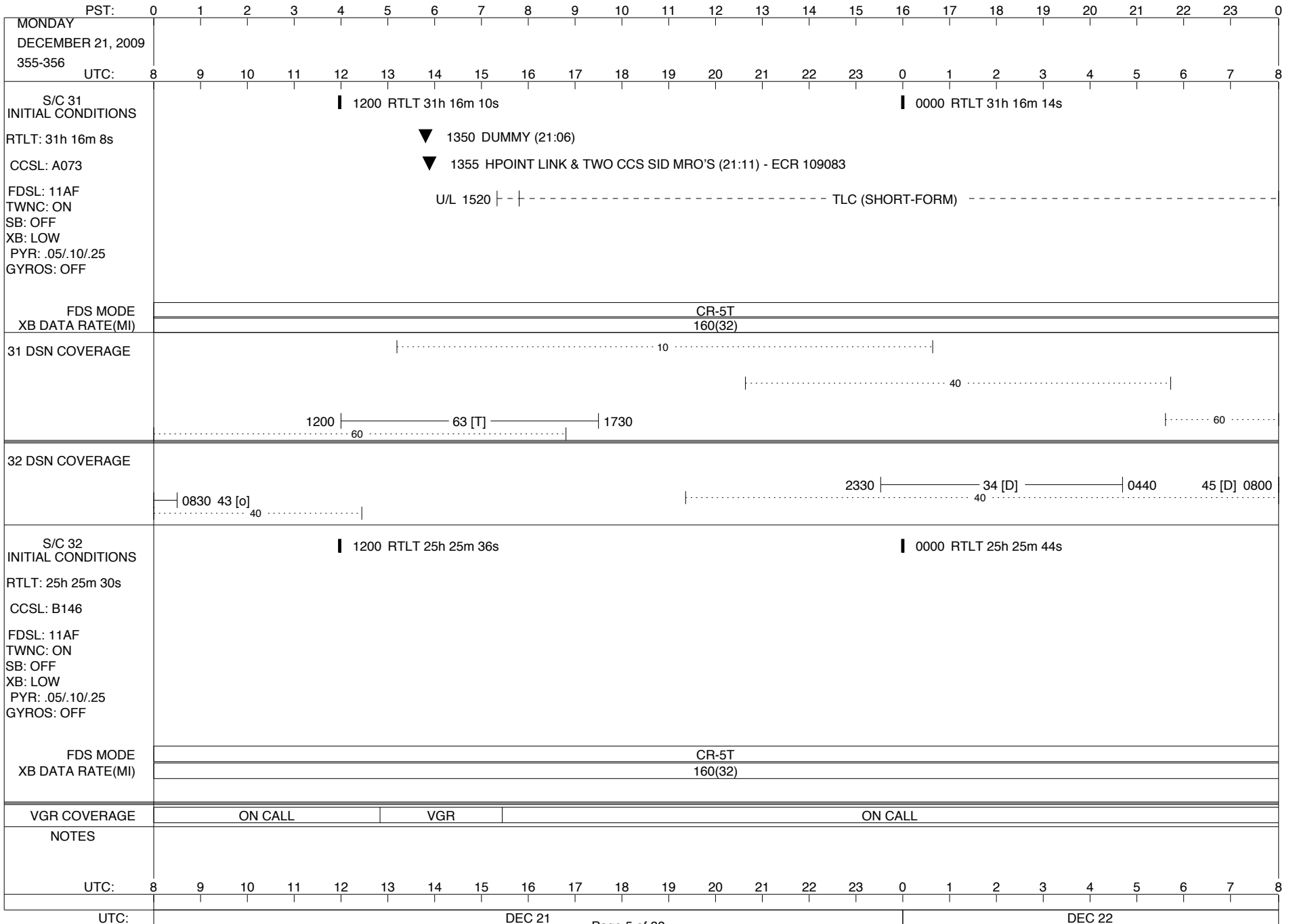
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FRIDAY DECEMBER 18, 2009 352-353					
UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8					
S/C 31 INITIAL CONDITIONS RTLT: 31h 15m 48s CCSL: A073 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 31h 15m 52s</p> <p>0000 RTLT 31h 15m 56s</p> <p>0254 - - 0335 TAPPOS 0556 0556 PWS/RH</p> <p>0556 GS-4B 0556 ↓</p>				
FDS MODE XB DATA RATE(MI)	<table border="1"> <tr> <td>CR-5T</td> <td>CR-5T</td> </tr> <tr> <td>160(32)</td> <td>160(32)</td> </tr> </table>	CR-5T	CR-5T	160(32)	160(32)
CR-5T	CR-5T				
160(32)	160(32)				
31 DSN COVERAGE	<p>1600 ----- 14 [D] ----- 0105</p> <p>10 ----- 40</p> <p>1200 ----- 63 [D] ----- 1620</p> <p>60 ----- 63 [D] 0725 ----- </p> <p>60</p>				
32 DSN COVERAGE	<p>43 [D] ----- 1210</p> <p>40 ----- 40</p> <p>0445 ----- 43 [o] ----- </p>				
S/C 32 INITIAL CONDITIONS RTLT: 25h 24m 48s CCSL: B146 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 25h 24m 56s</p> <p>0000 RTLT 25h 25m 2s</p> <p>----- COMMAND MORATORIUM ----- 0539</p>				
FDS MODE XB DATA RATE(MI)	<table border="1"> <tr> <td>CR-5T</td> </tr> <tr> <td>160(32)</td> </tr> </table>	CR-5T	160(32)		
CR-5T					
160(32)					
VGR COVERAGE	ON CALL				
NOTES	[1] S/C 31=GS-4B @ 0556 XB=2.8K(41) NOT RECOVERABLE				
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ISSUE DATE: 01/04/10 20:41



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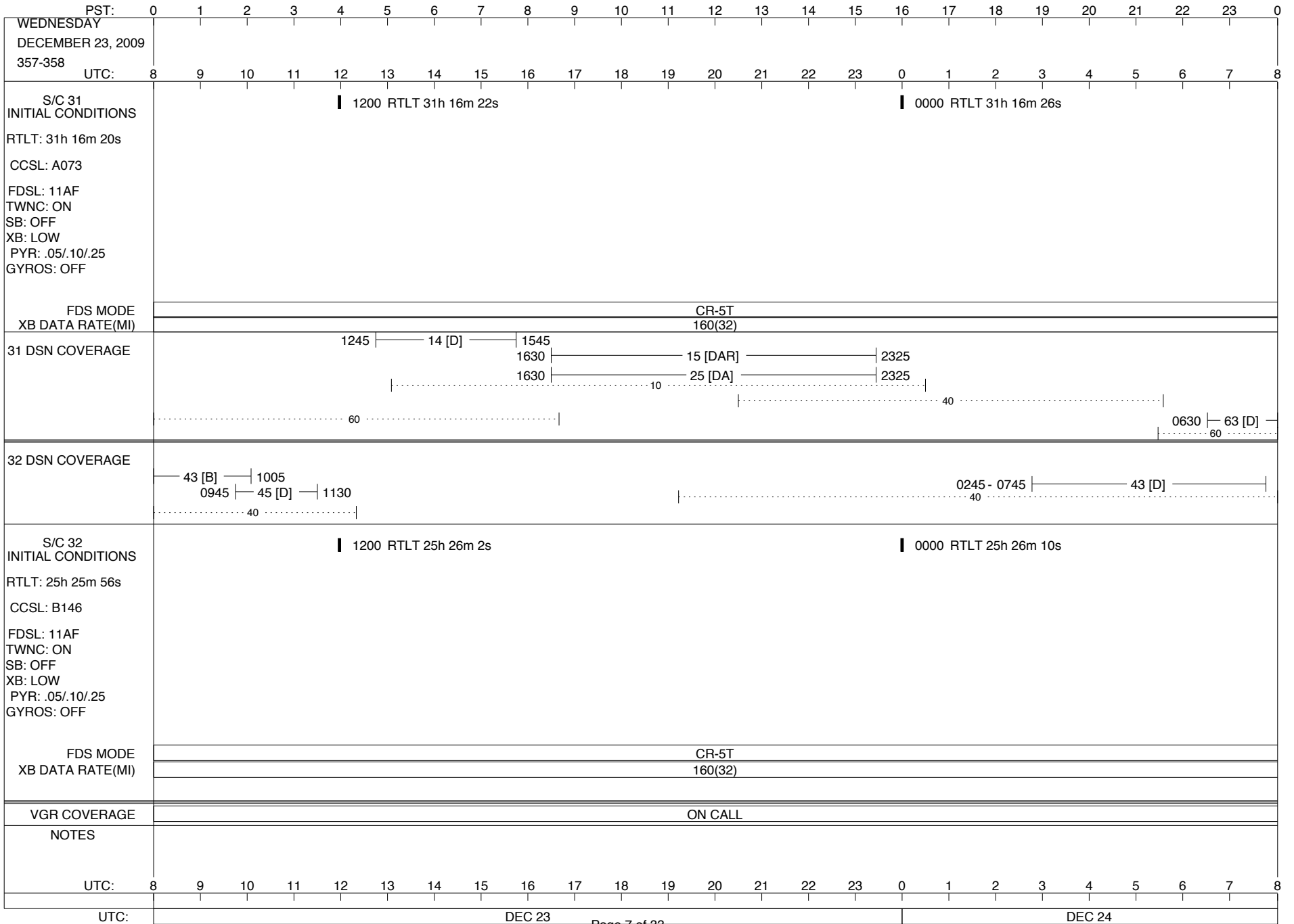




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S/C 31 INITIAL CONDITIONS RTLTL: 31h 16m 14s CCSL: A073 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 31h 16m 16s														0000 RTLTL 31h 16m 20s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)														CR-5T 160(32)													
31 DSN COVERAGE	1250 15 [DAR] 1545 1900 24 [DA] 0005 1250 25 [DA] 1545 1900 25 [DAR] 0005 10 40 60																											
32 DSN COVERAGE	45 [D] 0800 - 1135														0145 43 [B]													
S/C 32 INITIAL CONDITIONS RTLTL: 25h 25m 44s CCSL: B146 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 25h 25m 50s														0000 RTLTL 25h 25m 56s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																											
VGR COVERAGE	ON CALL							VGR							ON CALL							VGR						
NOTES	[1] S/C 31=GS-4B @ 2332 XB=2.8K(41) NOT RECOVERABLE																											
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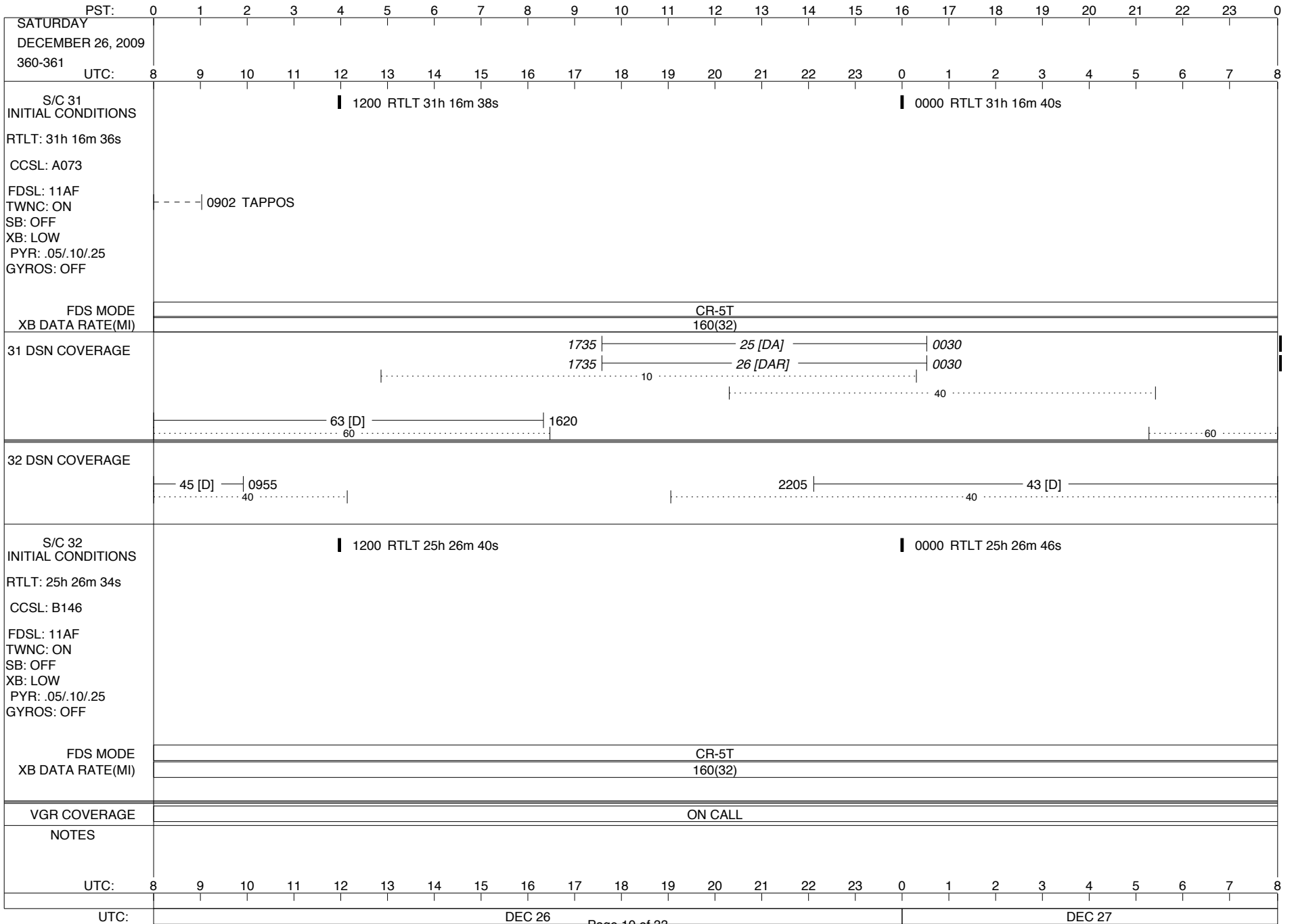
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S/C 31 INITIAL CONDITIONS RTLT: 31h 16m 26s CCSL: A073 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF					█																					
FDS MODE																										
XB DATA RATE(MI)																										
31 DSN COVERAGE																										
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS RTLT: 25h 26m 10s CCSL: B146 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF					█																					
FDS MODE																										
XB DATA RATE(MI)																										
VGR COVERAGE																										
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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ISSUE DATE: 01/04/10 20:41

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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: 31h 16m 30s CCSL: A073 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 31h 16m 34s												0000 RTLTL 31h 16m 36s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	1900 ----- 14 [D] ----- 2300 ----- 10 ----- 40 ----- 60												0655 63 [D] ----- 60													
32 DSN COVERAGE	43 [D] ----- 0830 - 1300 ----- 40 ----- 40												0005 ----- 43 [D] ----- 0230 ----- 0555 ----- 45 [D] ----- 40													
S/C 32 INITIAL CONDITIONS RTLTL: 25h 26m 22s CCSL: B146 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 25h 26m 28s												0000 RTLTL 25h 26m 34s													
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 @ 0532 XB=2.8K(41) NOT RECOVERABLE JPL HOLIDAY!																									
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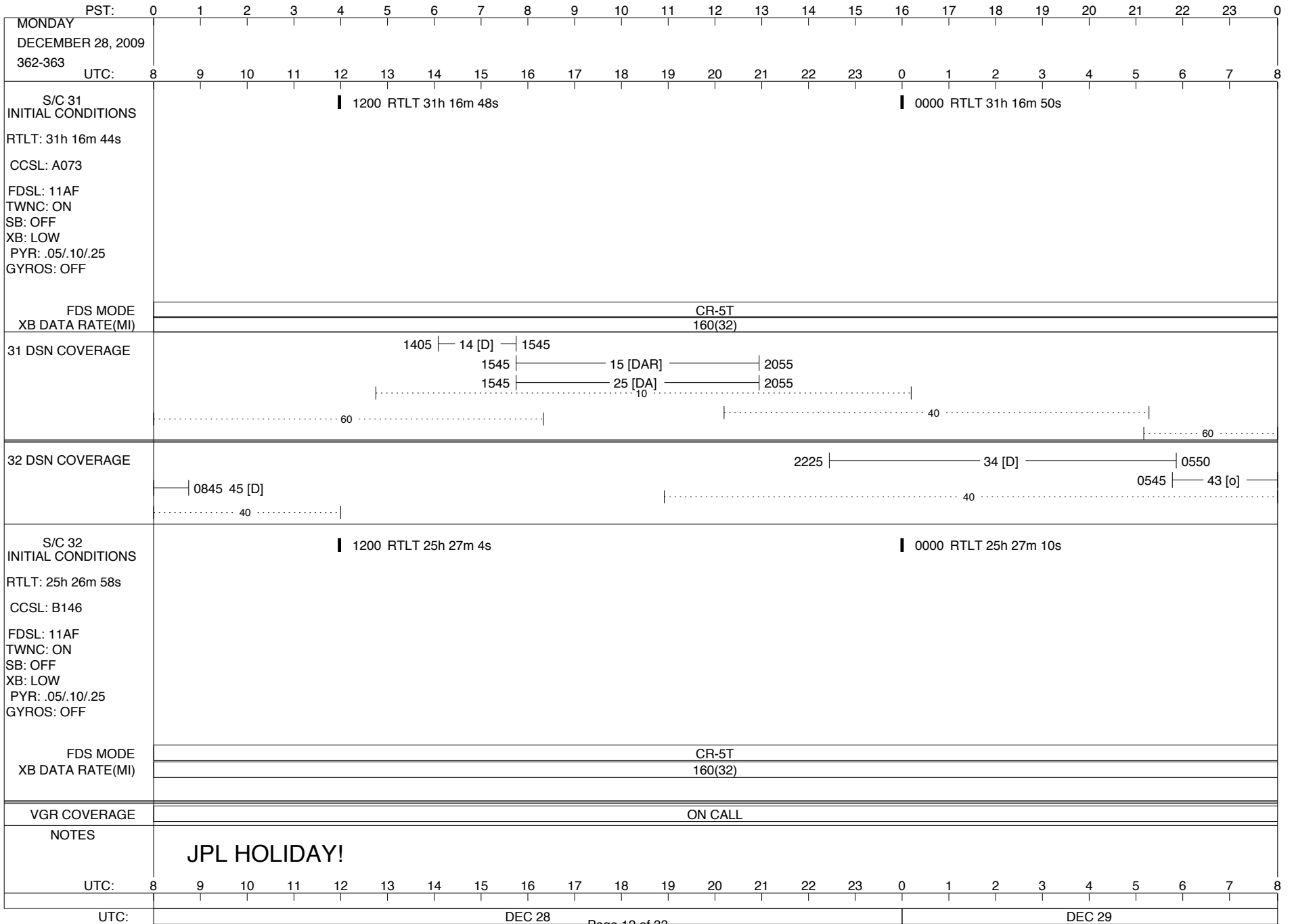
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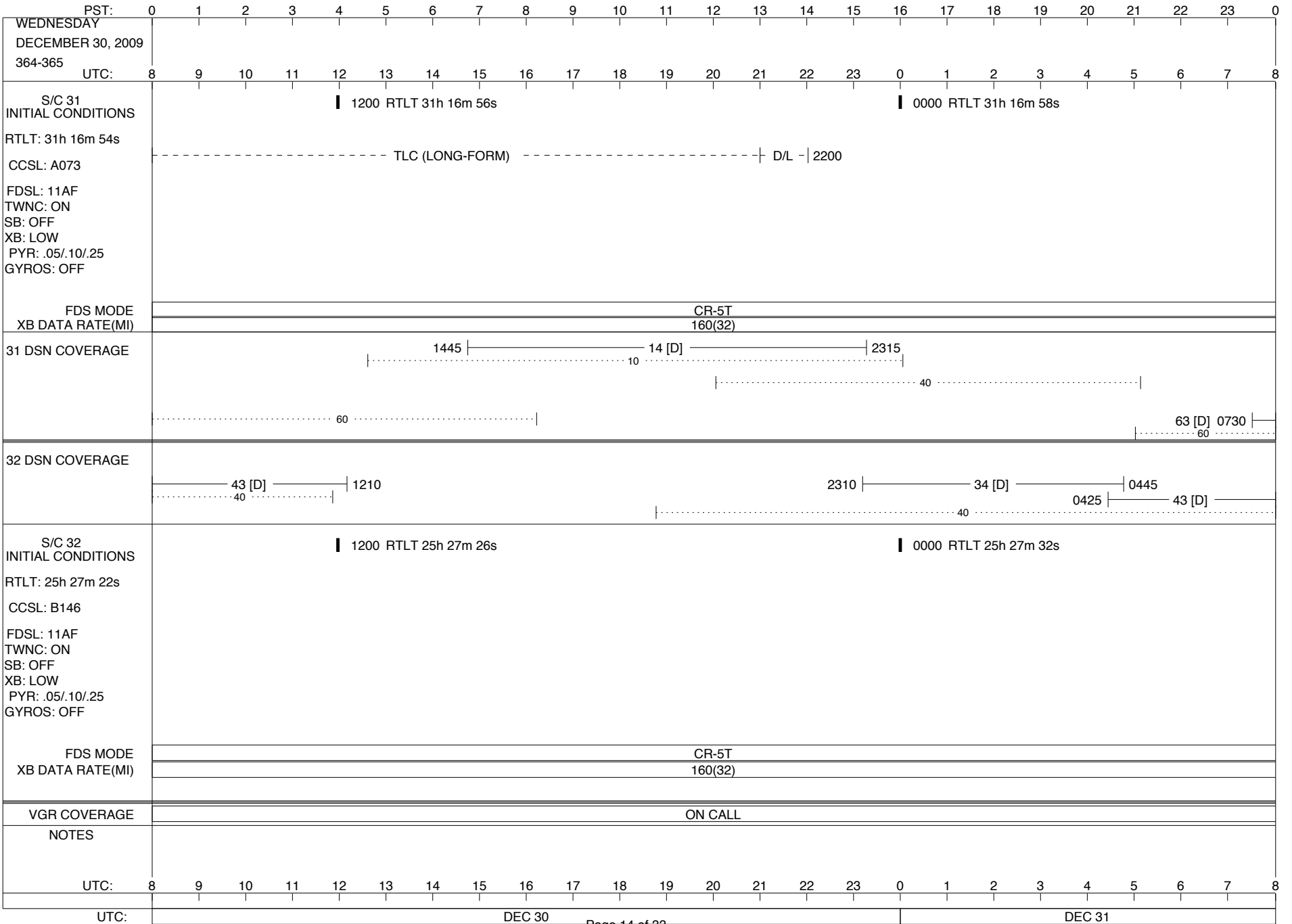
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S/C 31 INITIAL CONDITIONS RTLT: 31h 16m 40s CCSL: A073 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLT 31h 16m 42s												█ 0000 RTLT 31h 16m 44s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	1645 ----- 14 [D] ----- 2225												2205 ----- 43 [D] ----- 0335													
	1115 ----- 63 [D] ----- 1705												----- 60													
32 DSN COVERAGE	43 [D] ----- 0910												2200 ----- 45 [D] -----													
	----- 40												----- 40													
S/C 32 INITIAL CONDITIONS RTLT: 25h 26m 46s CCSL: B146 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLT 25h 26m 52s												█ 0000 RTLT 25h 26m 58s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													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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S/C 31 INITIAL CONDITIONS RTLT: 31h 16m 50s CCSL: A073 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLT 31h 16m 52s												█ 0000 RTLT 31h 16m 54s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	1225 ----- 14 [T] ----- 0020 ----- 10 ----- ----- 40 -----												1115 --- 63 [D] --- 1245 ----- 60 -----												
32 DSN COVERAGE	43 [o] ----- 1120 ----- 40 -----												----- 40 ----- 0550 --- 43 [D] ---												
S/C 32 INITIAL CONDITIONS RTLT: 25h 27m 10s CCSL: B146 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLT 25h 27m 16s												█ 0000 RTLT 25h 27m 22s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL						VGR						ON CALL												
NOTES	[1] S/C 31=GS-4B @ 2309 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 29												DEC 30												

ISSUE DATE: 01/04/10 20:41



ISSUE DATE: 01/04/10 20:41

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
DECEMBER 31, 2009
365-001

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 16m 58s
CCSL: A073
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 31h 17m 0s
0000 RTLT 31h 17m 0s

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE

1550 | 25 [DA] | 2345
1550 | 26 [DAR] | 2345

63 [D] | 1445 | 0640 | 63 [D]

60 | 40 | 60

32 DSN COVERAGE

43 [D] | 1115 | 2200 | 43 [D]

40 | 40

S/C 32
INITIAL CONDITIONS
RTLT: 25h 27m 32s
CCSL: B146
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 25h 27m 38s
0000 RTLT 25h 27m 44s

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

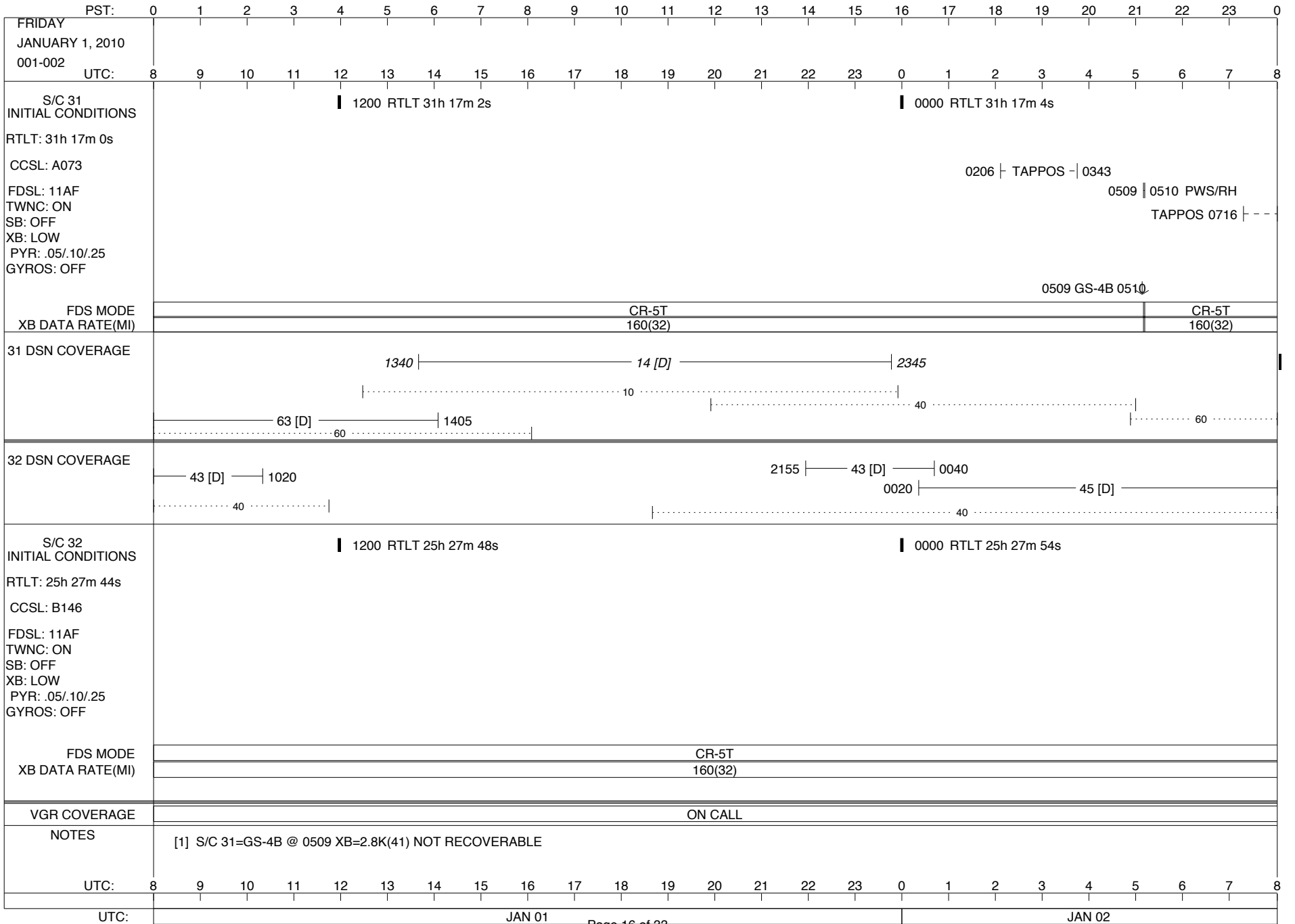
VGR COVERAGE
ON CALL

NOTES
HOLIDAY!

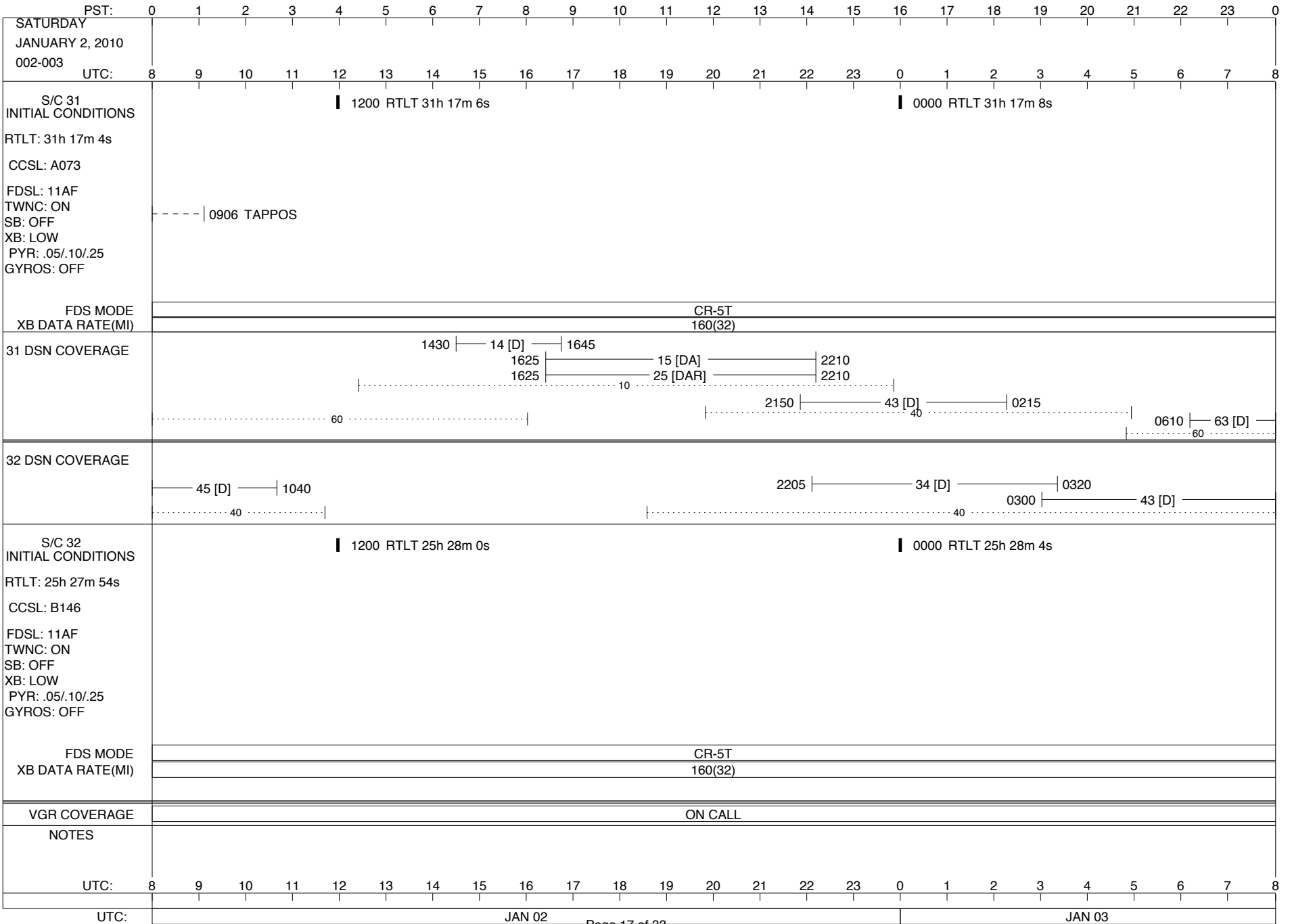
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UTC: DEC 31 | Page 15 of 33 | JAN 01

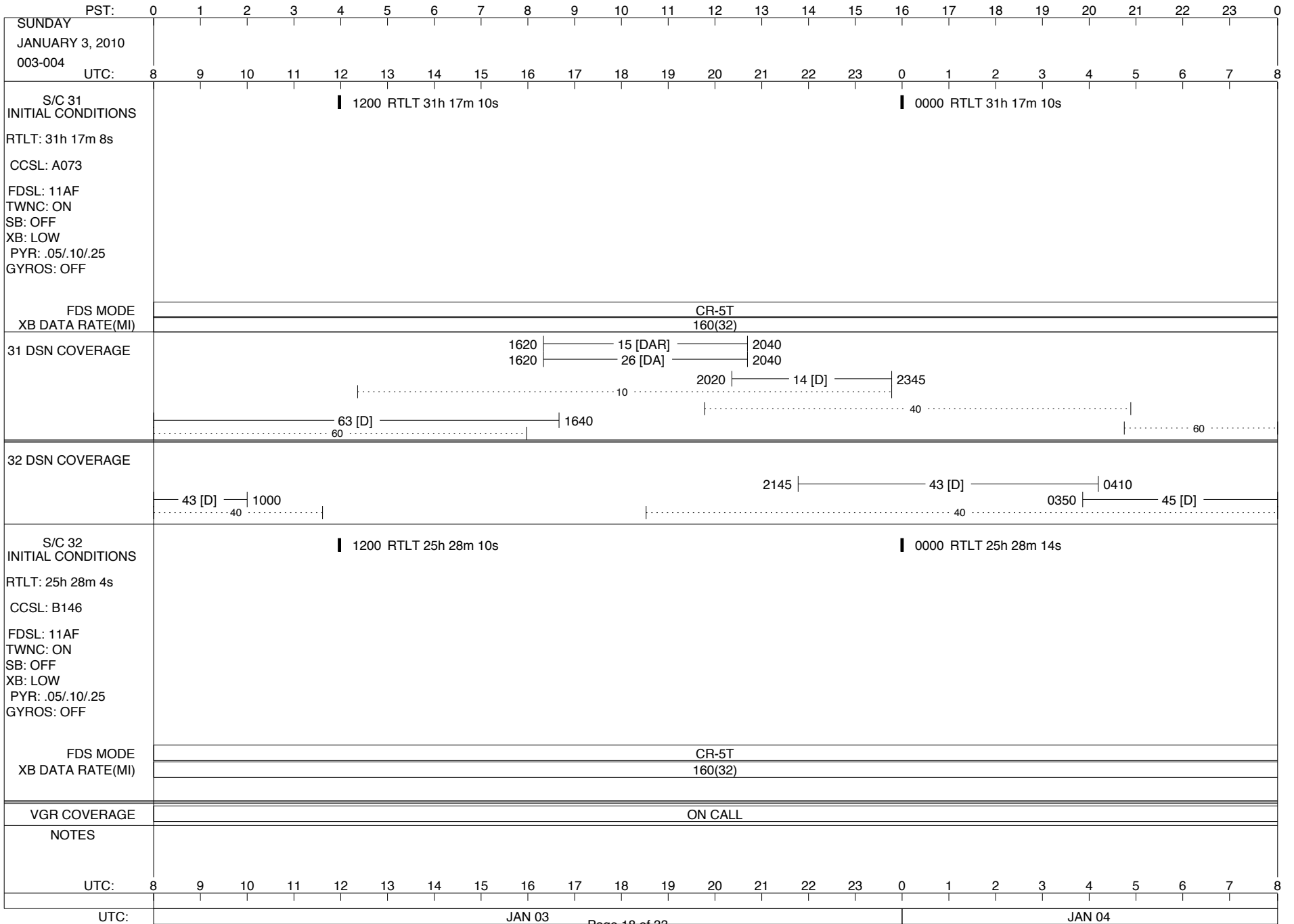
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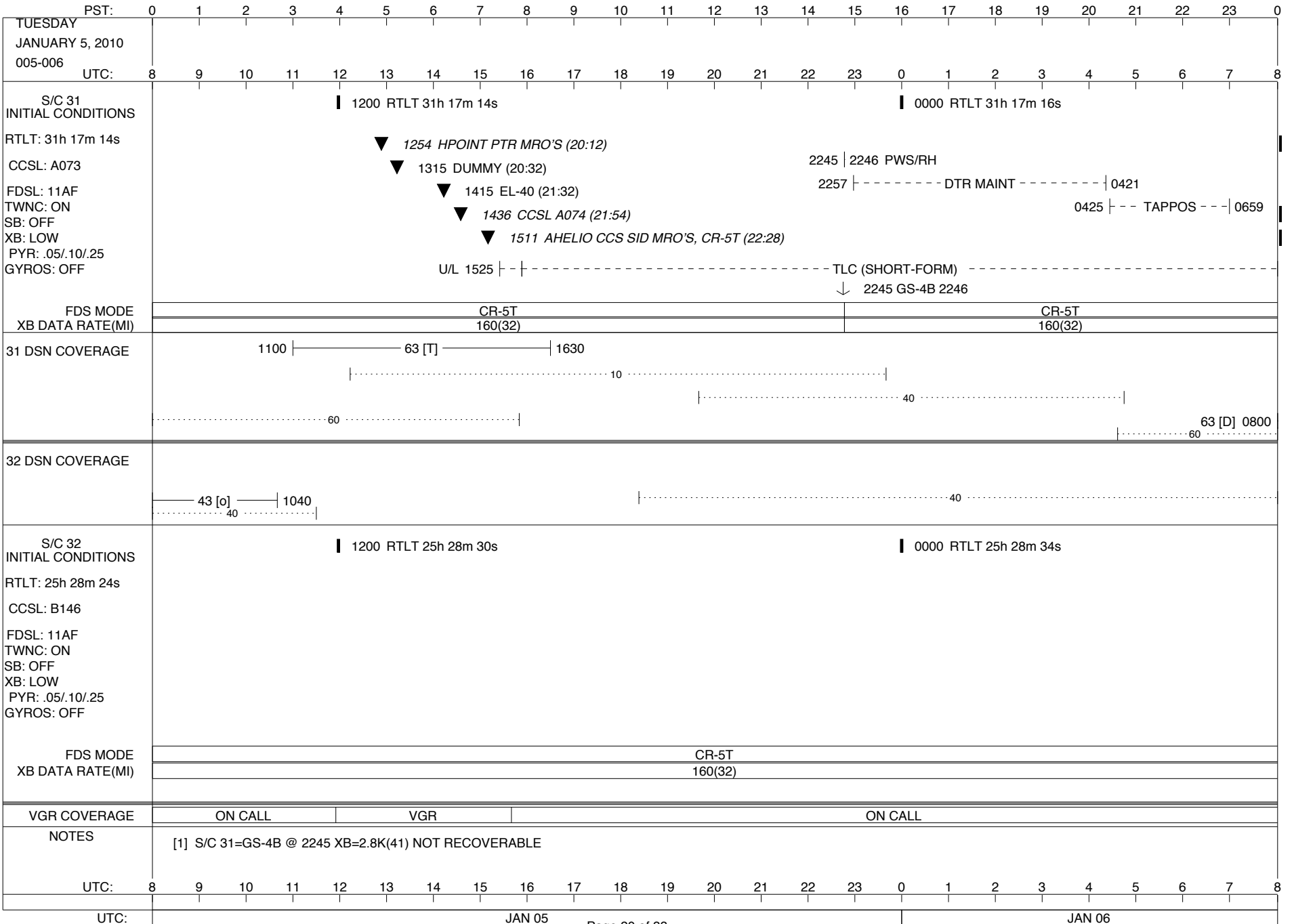


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S/C 31 INITIAL CONDITIONS RTLTL: 31h 17m 10s CCSL: A073 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 31h 17m 12s												0000 RTLT 31h 17m 14s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	<p>1200 ----- 15 [DAR] ----- 1610 1200 ----- 26 [DA] ----- 1610</p> <p>..... 10 40 60</p>												<p>45 [D] ----- 1040 ----- 40</p> <p>0135 ----- 45 [D] ----- 0550 0545 ----- 43 [o] ----- </p> <p>..... 40</p>													
S/C 32 INITIAL CONDITIONS RTLTL: 25h 28m 14s CCSL: B146 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 25h 28m 20s												0000 RTLT 25h 28m 24s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
VGR COVERAGE													ON CALL													
NOTES																										
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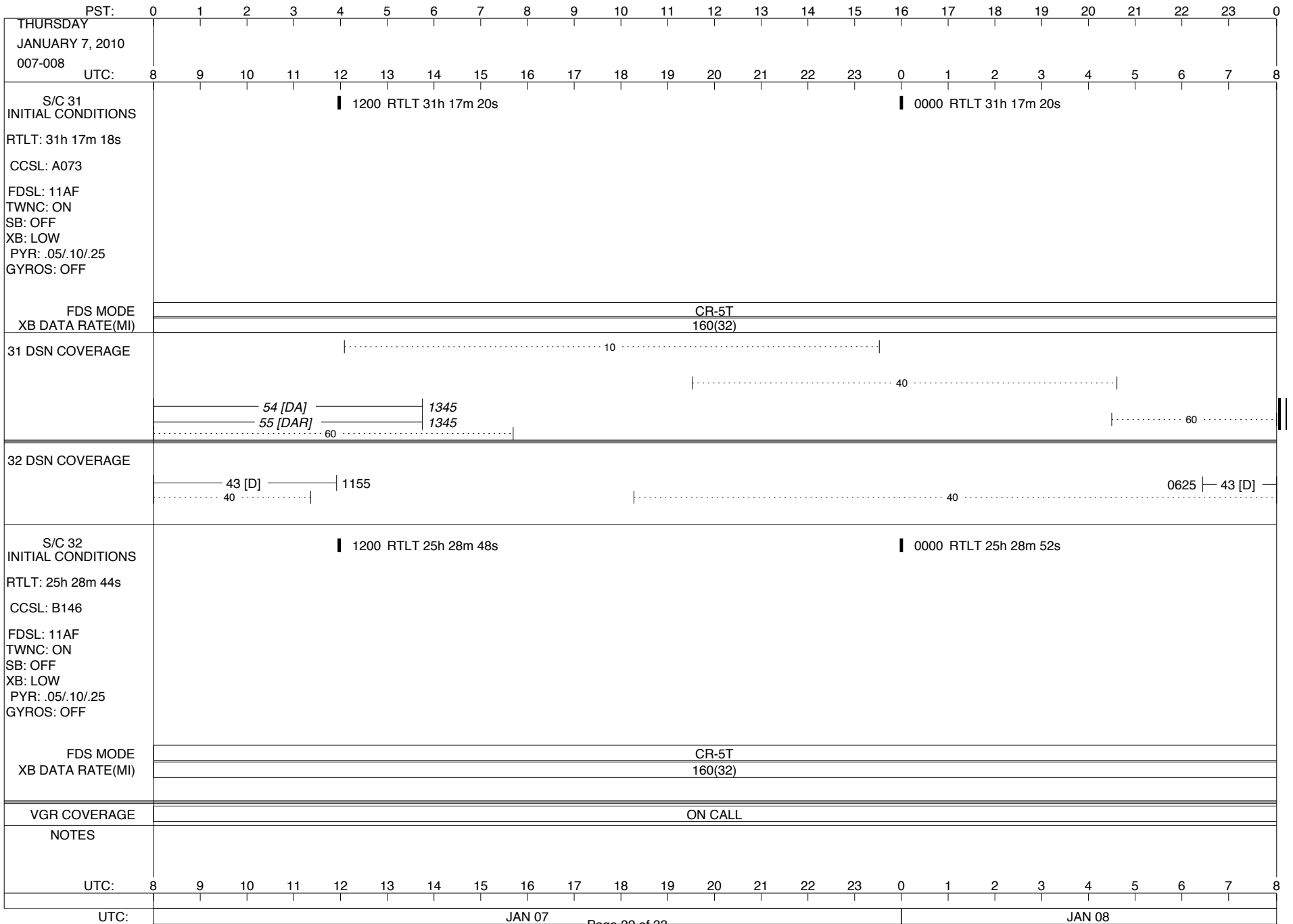
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S/C 31 INITIAL CONDITIONS RTLTL: 31h 17m 16s CCSL: A073 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 31h 17m 18s														0000 RTLTL 31h 17m 18s													
	1436 --- MAGCAL --- 1738														2013 2014 CCS HPOINT PTR SID MRO													
	1436 --- PESCAL --- 1756														2113 2114 CCS HPOINT PTR REDUNDANT SID MRO													
															2201 2205 A074 CHKSUM													
															2231 2232 AHELIO CCS SID MRO'S													
	----- TLC (SHORT-FORM) ----- D/L - 0010																											
	EL-40 2133 ↓														↓ 2233 CR-5T													
FDS MODE	CR-5T														EL-40													
XB DATA RATE(MI)	160(32)														40(30)													
31 DSN COVERAGE	1335 ----- 15 [DAR] ----- 2345														2345													
	1335 ----- 25 [DA] ----- 2345														40													
	63 [D] ----- 0800 - 1355 -----														0415 ----- 54 [DA] -----													
	60														0415 ----- 55 [DAR] -----													
															60													
32 DSN COVERAGE	43 [o] ----- 0820 - 1210 -----														0150 ----- 34 [D] ----- 0650													
	40														0630 ----- 43 [D] -----													
															40													
S/C 32 INITIAL CONDITIONS RTLTL: 25h 28m 34s CCSL: B146 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 25h 28m 38s														0000 RTLTL 25h 28m 44s													
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
VGR COVERAGE	ON CALL														VGR													
NOTES	[1] S/C 31=EL-40 XB=40(30) @ 2133																											
	[2] S/C 31=CR-5T XB=160(32) @ 2233																											
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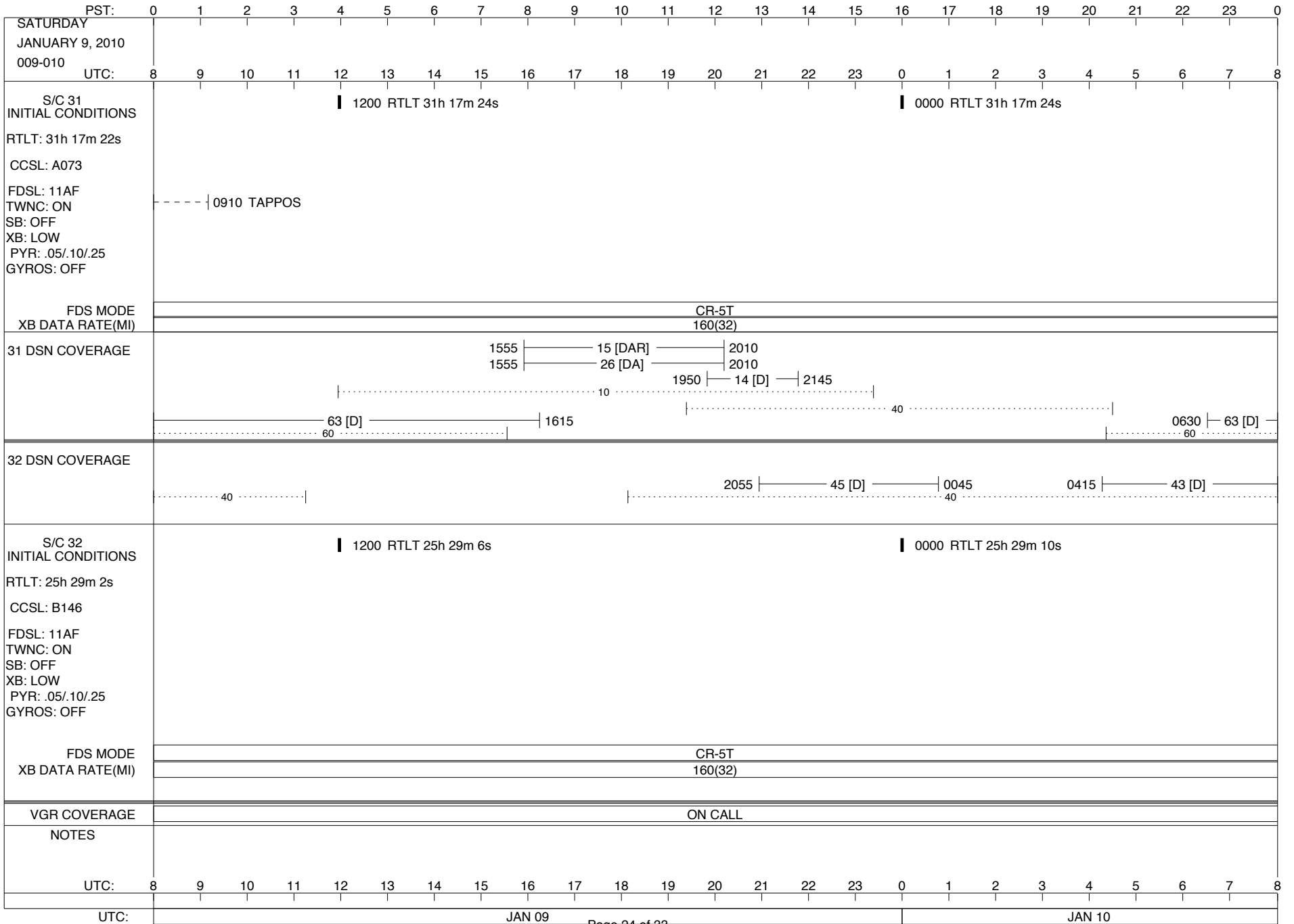
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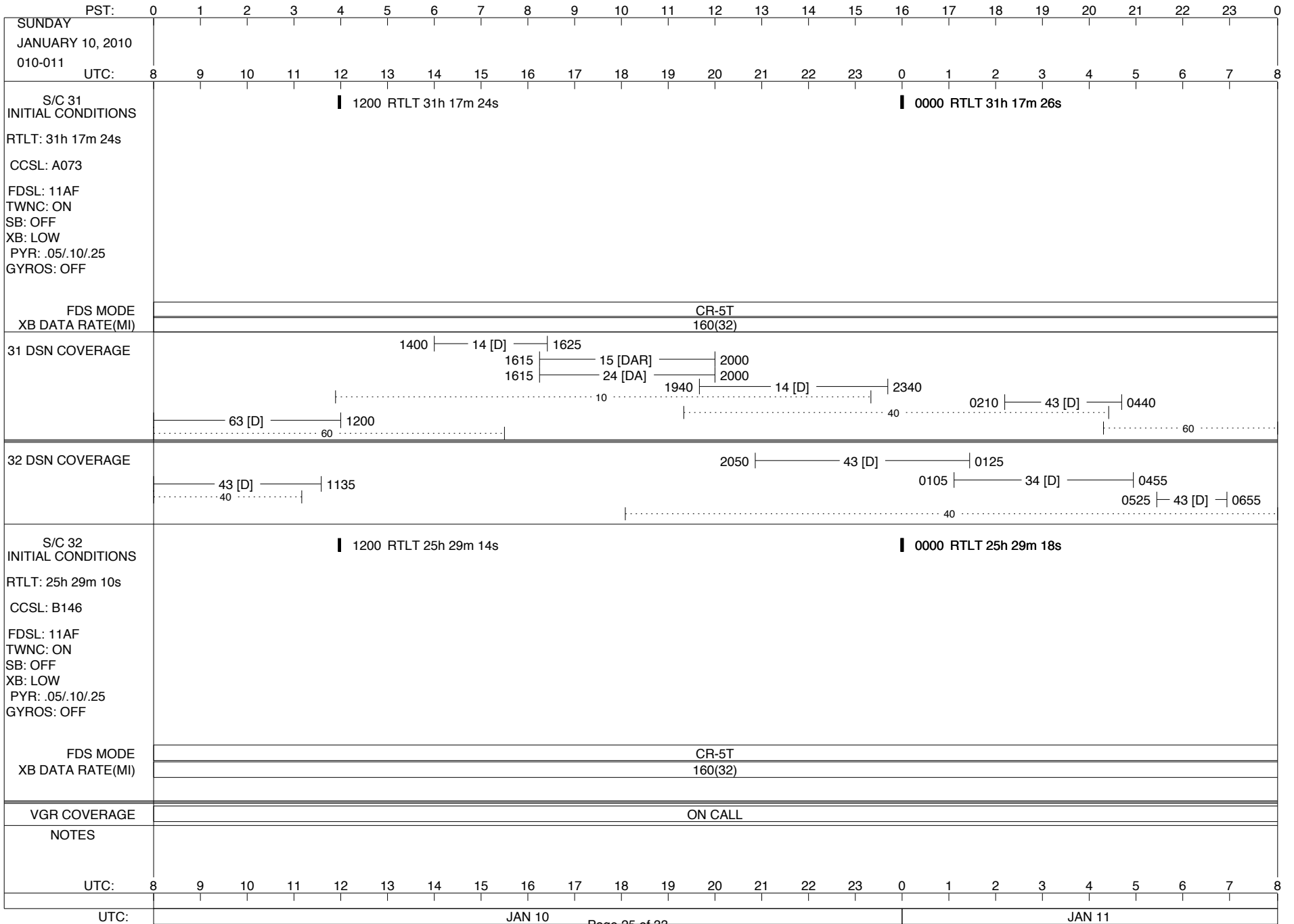
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S/C 31 INITIAL CONDITIONS RTLT: 31h 17m 20s CCSL: A073 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 31h 17m 22s												0000 RTLT 31h 17m 22s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1145 ----- 15 [DAR] ----- 1805 1145 ----- 26 [DA] ----- 1805 ----- 10 ----- 40 ----- 60 ----- 63 [D] ----- 60												0142 - TAPPOS - - 0347 0445 0446 PWS/RH TAPPOS 0652 ----- ↓ 0445 GS-4B 0446												
32 DSN COVERAGE ----- 40 ----- 43 [D] ----- 1205											 ----- 40 ----- 0045 ----- 43 [B] ----- 0620												
S/C 32 INITIAL CONDITIONS RTLT: 25h 28m 52s CCSL: B146 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 25h 28m 58s												0000 RTLT 25h 29m 2s												
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 @ 0445 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:	JAN 08												Page 23 of 33						JAN 09						

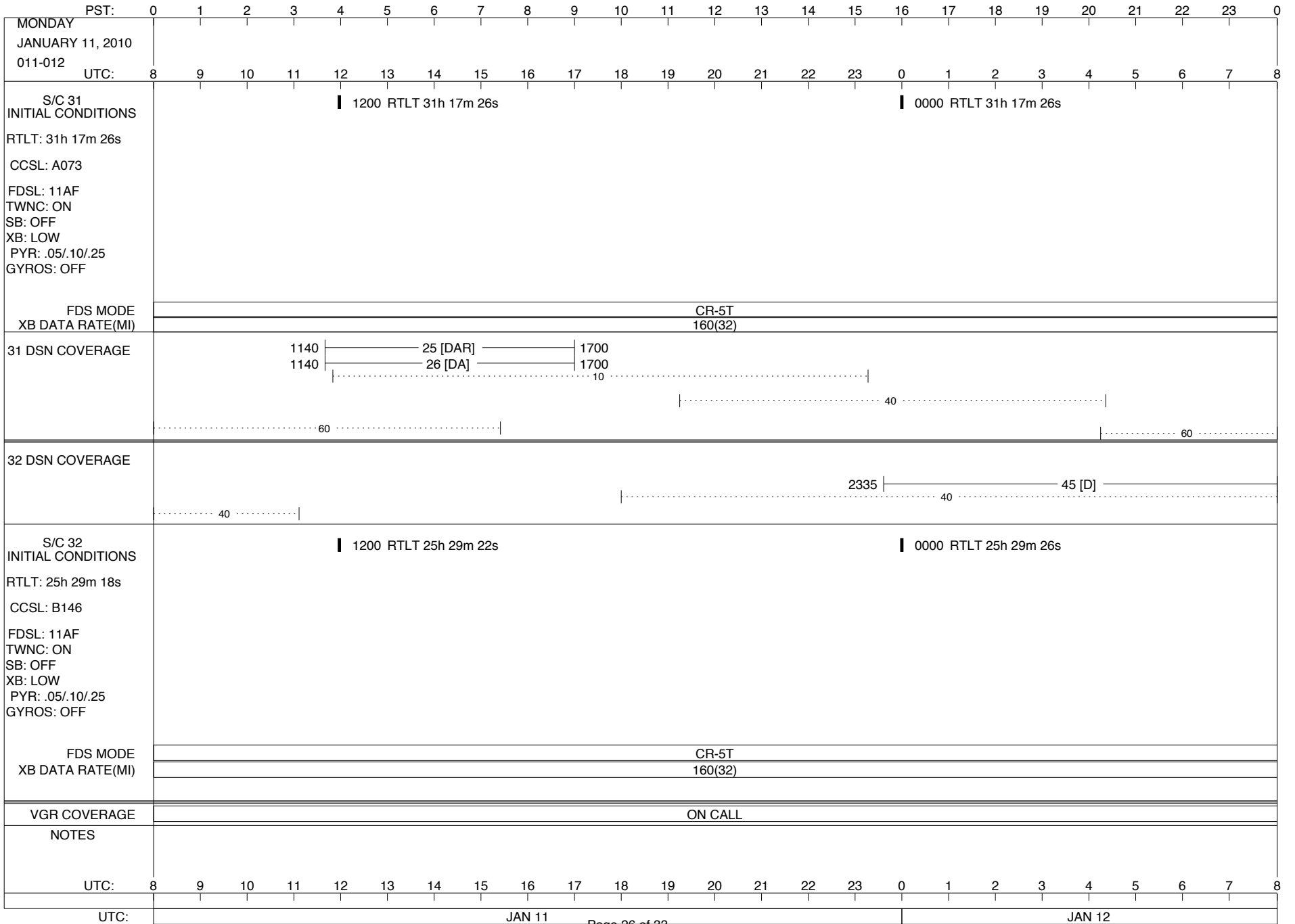
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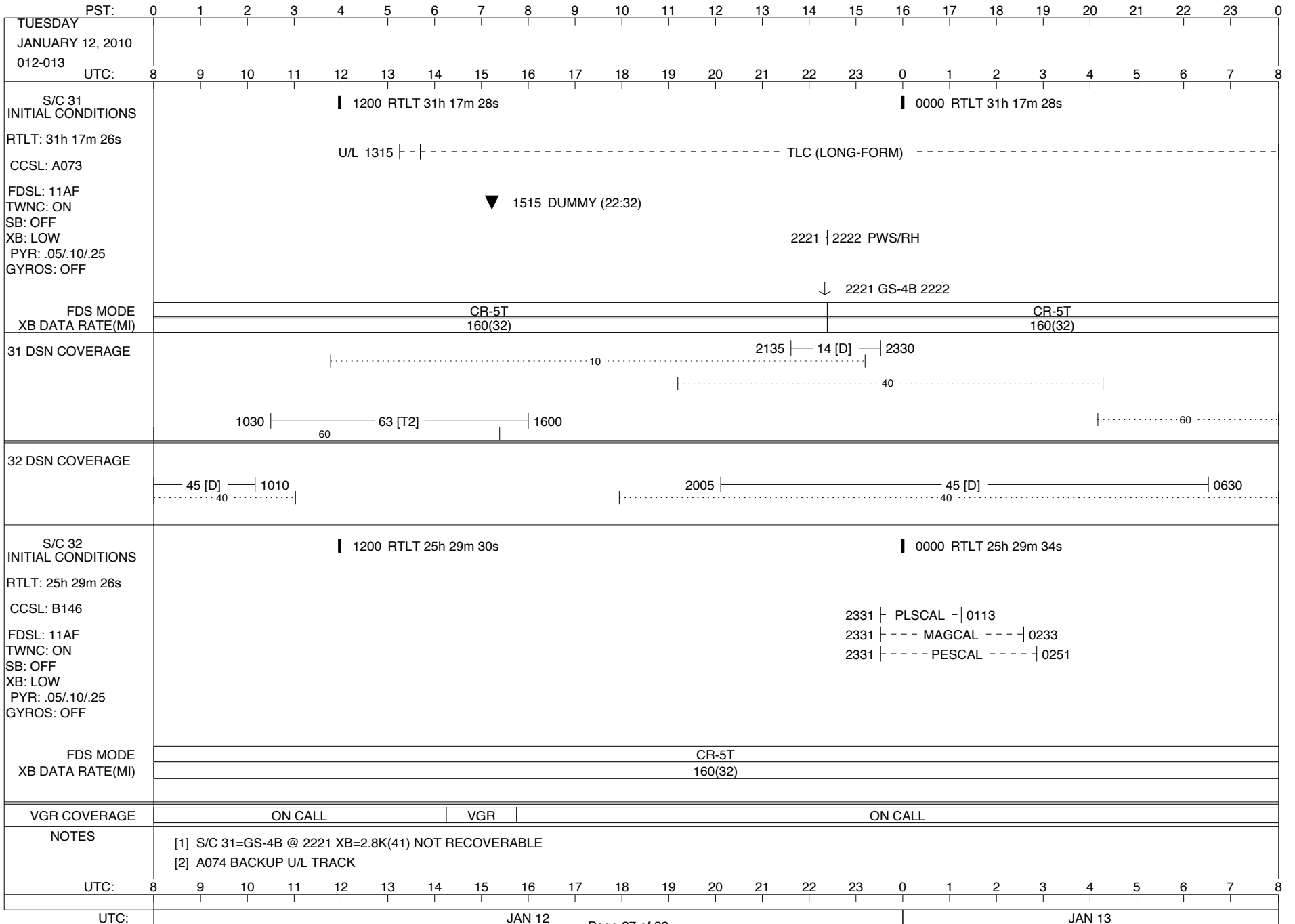
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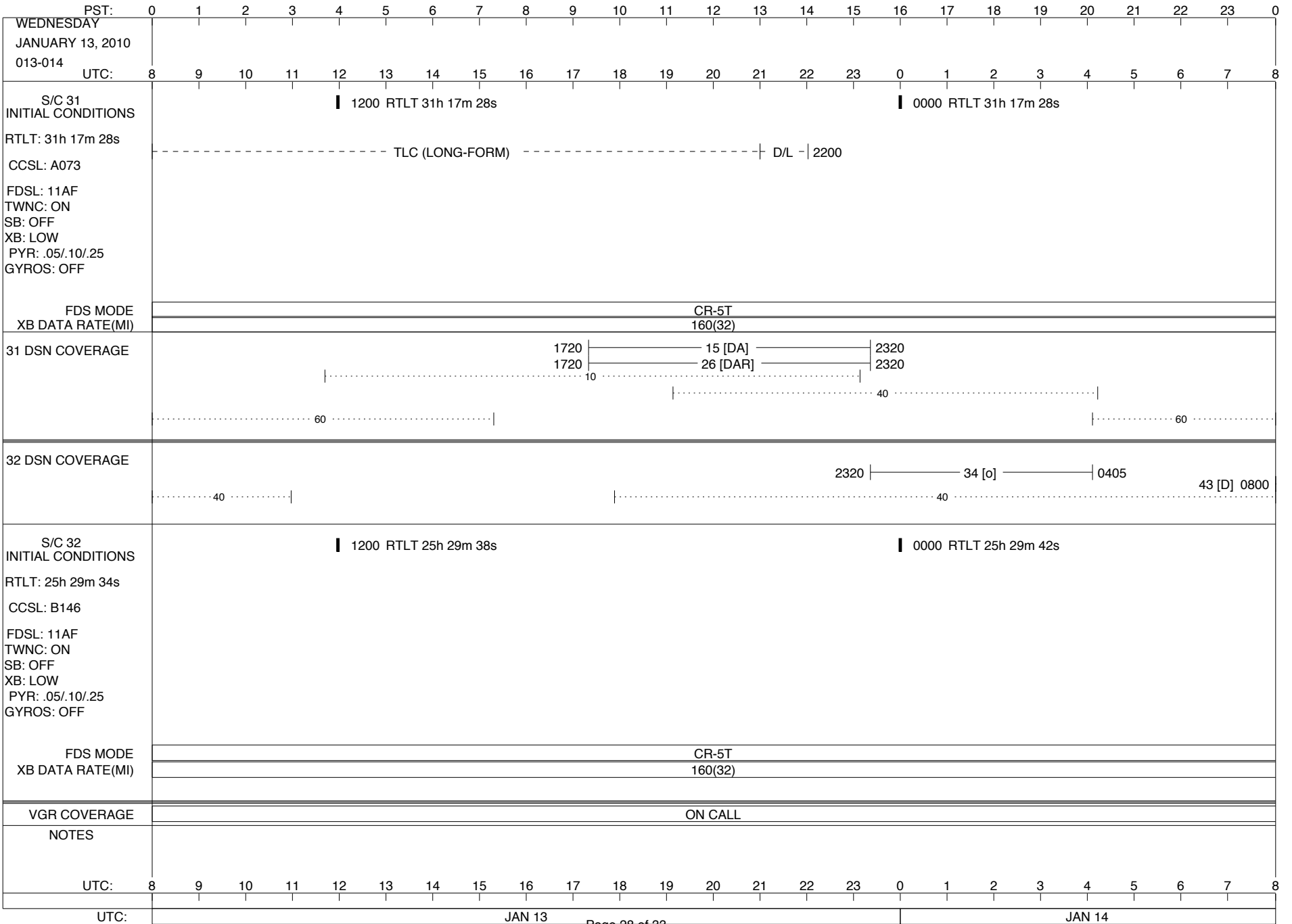
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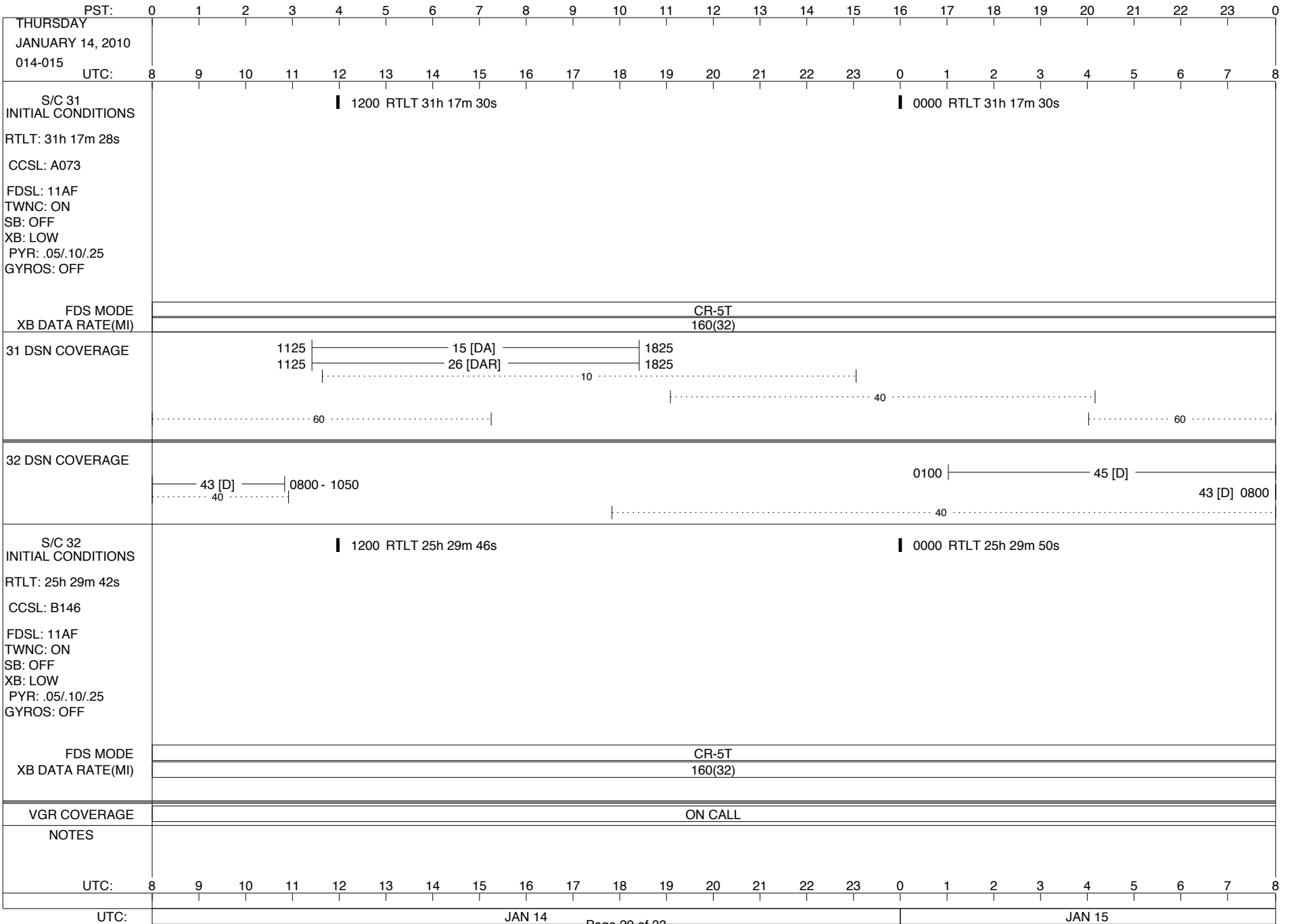
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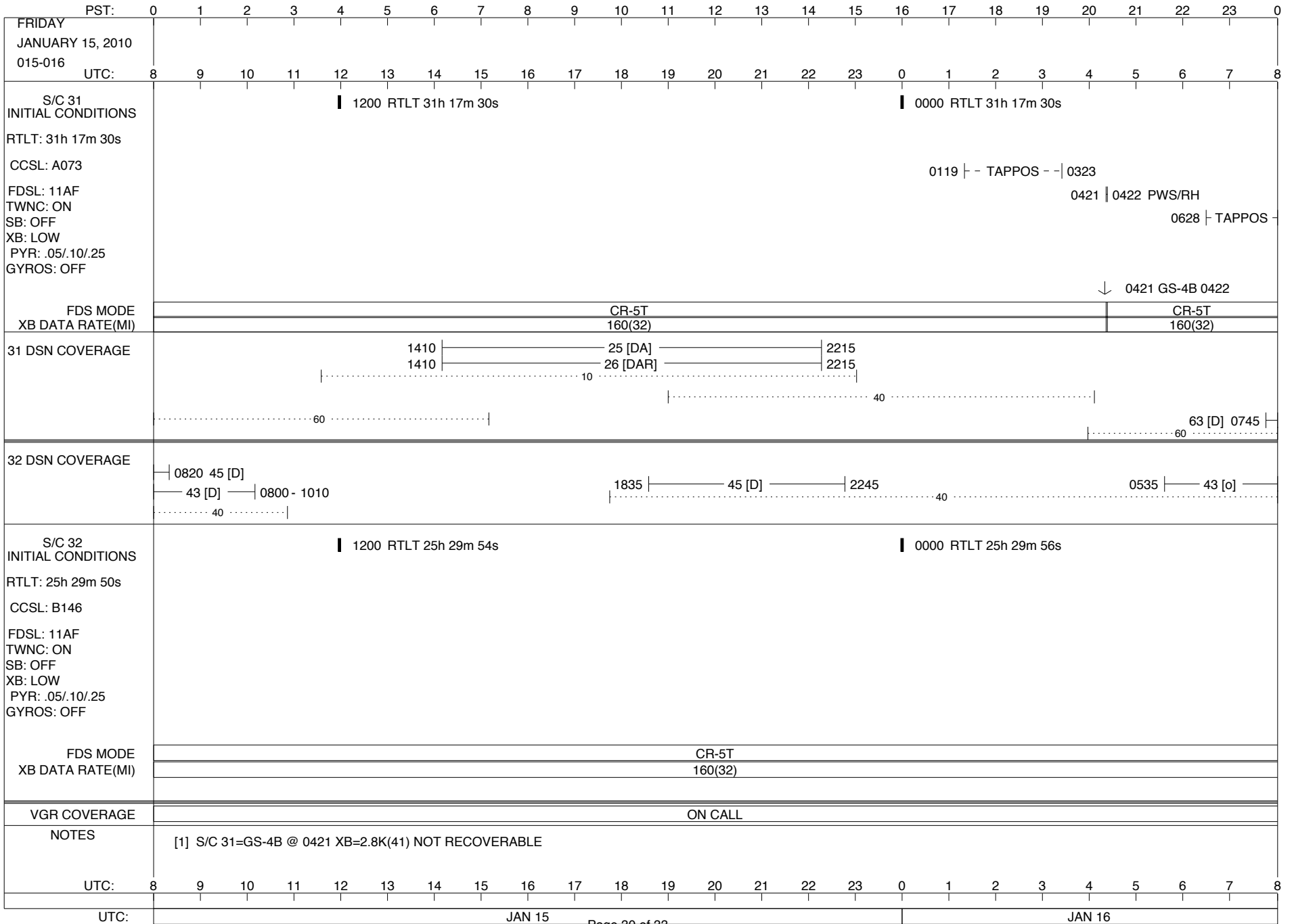
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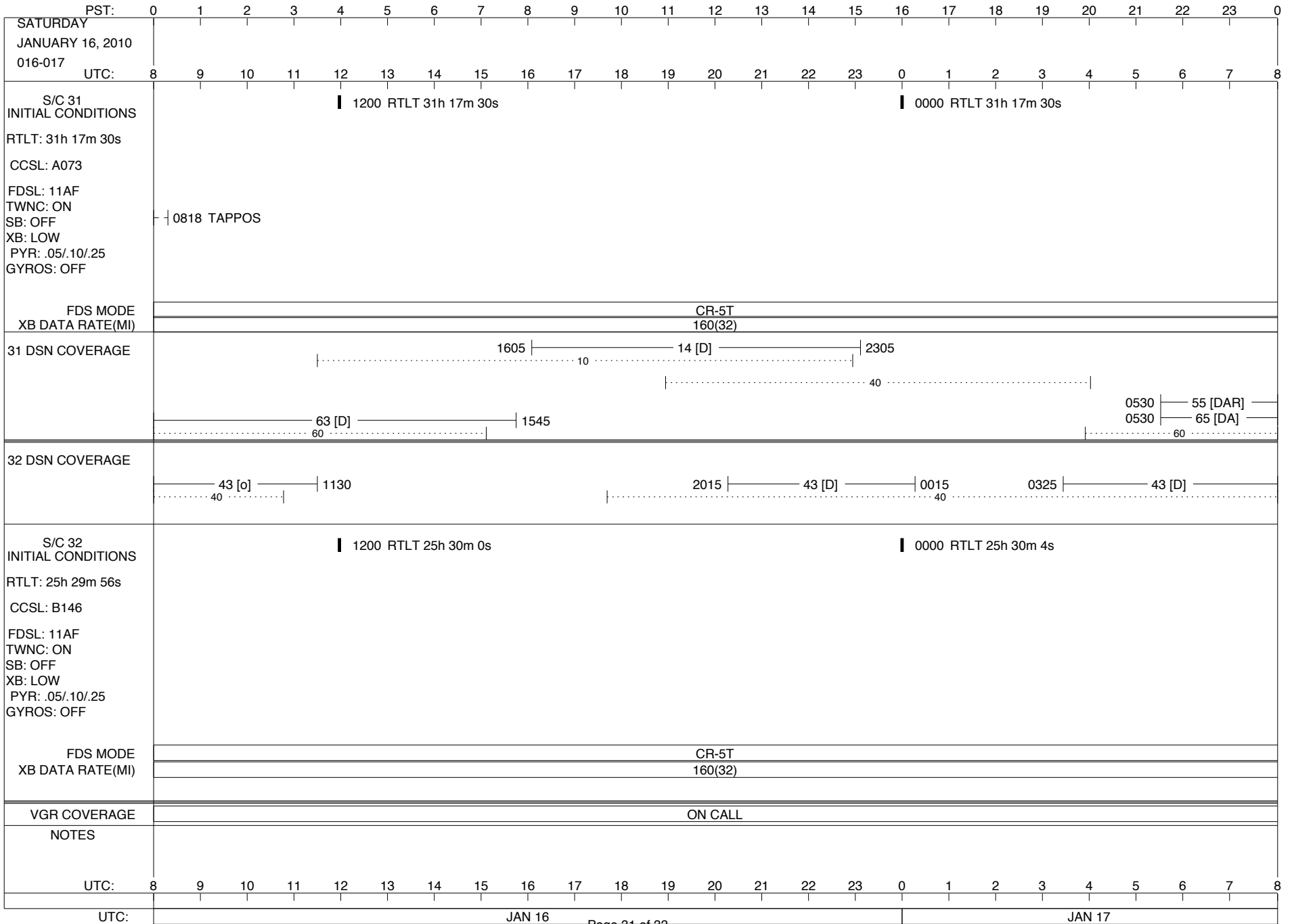
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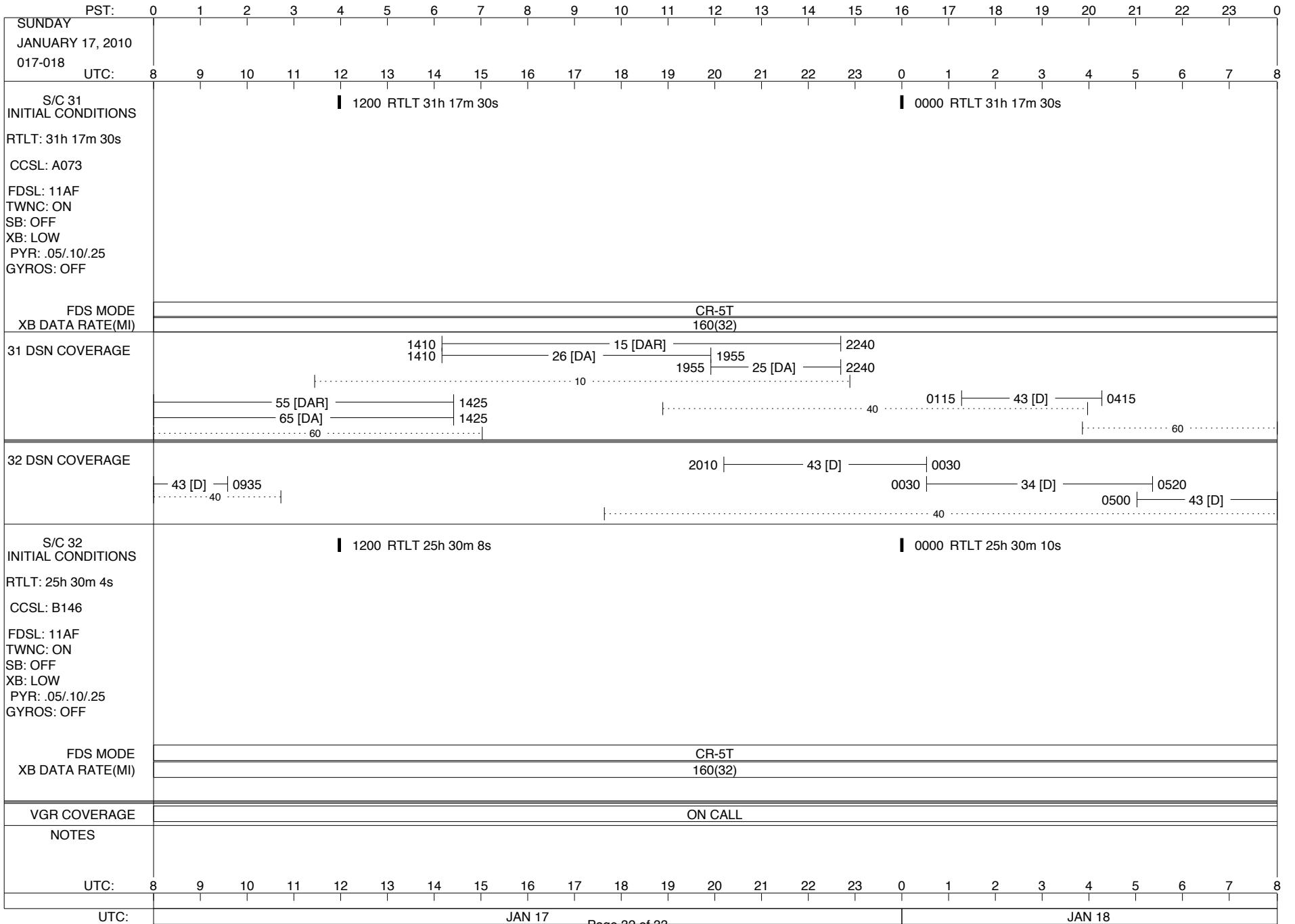
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