

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: December 19, 2007

For the Period: 12/20/07 to 01/14/08 (07-354 – 08-014)

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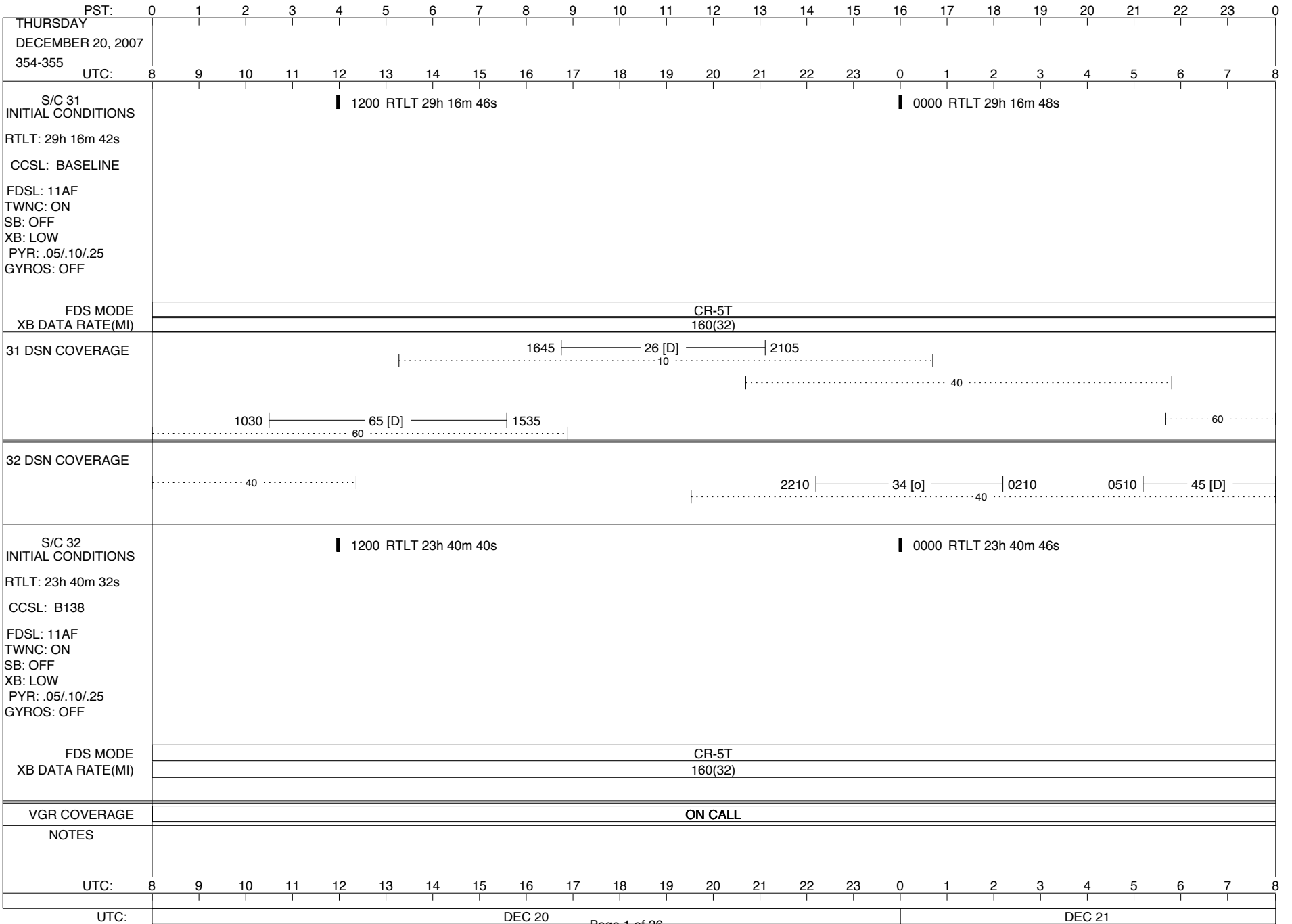
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 * Peter.T.Poon@jpl.nasa.gov
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LEGEND: ∇ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = 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
 (16 – Dist/N: Paper Copies)
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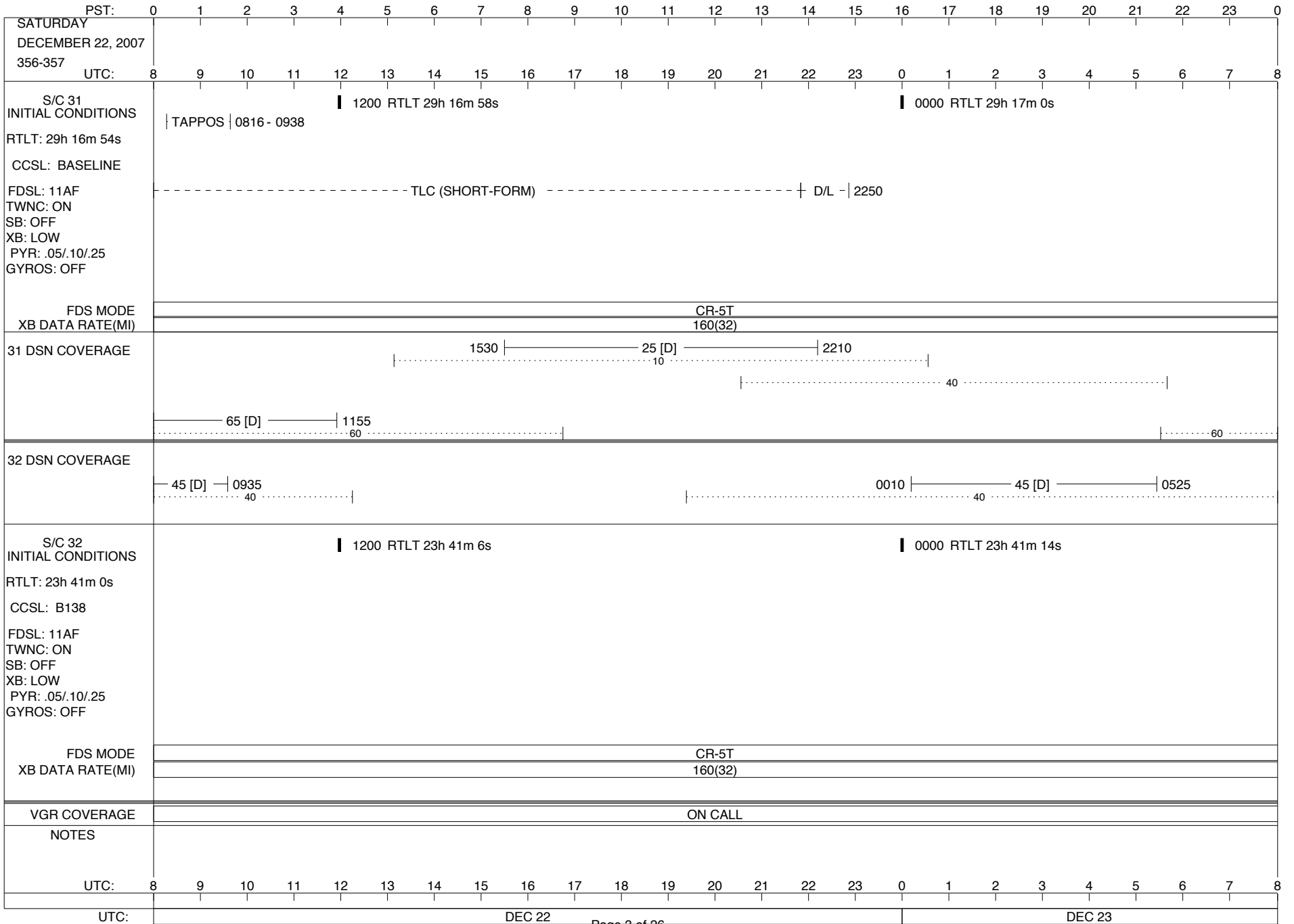
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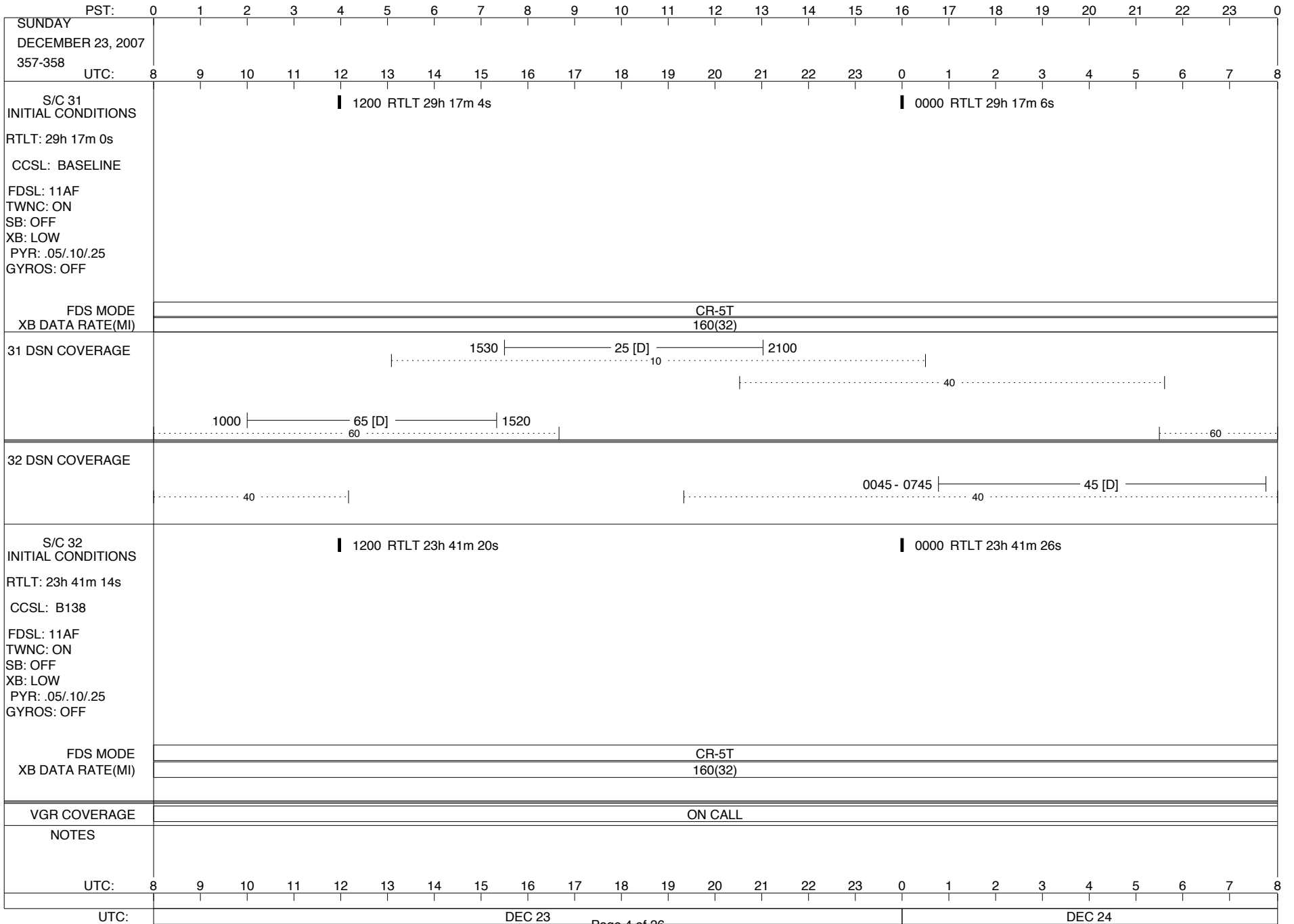
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FRIDAY DECEMBER 21, 2007 355-356				
UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8				
S/C 31 INITIAL CONDITIONS RTLTL: 29h 16m 48s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLTL 29h 16m 52s</p> <p>0000 RTLTL 29h 16m 54s</p> <p>▼ 1555 DUMMY (21:12)</p> <p>U/L 1605 ----- TLC (SHORT-FORM)</p> <p>0306 ----- 0415 TAPPOS PWS/RH 0609 0609</p> <p>0609 GS-4B 0609 ↓</p>			
FDS MODE XB DATA RATE(MI)	<table border="1"> <tr> <td>CR-5T 160(32)</td> <td>CR-5T 160(32)</td> </tr> </table>	CR-5T 160(32)	CR-5T 160(32)	
CR-5T 160(32)	CR-5T 160(32)			
31 DSN COVERAGE	<p>1530 ----- 14 [T] ----- 2030</p> <p>60 ----- 65 [D] 0715 ----- 60</p>			
32 DSN COVERAGE	<p>0815 45 [D] ----- 0045 ----- 45 [D]</p>			
S/C 32 INITIAL CONDITIONS RTLTL: 23h 40m 46s CCSL: B138 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLTL 23h 40m 54s</p> <p>0000 RTLTL 23h 41m 0s</p>			
FDS MODE XB DATA RATE(MI)	<table border="1"> <tr> <td>CR-5T 160(32)</td> </tr> </table>	CR-5T 160(32)		
CR-5T 160(32)				
VGR COVERAGE	<table border="1"> <tr> <td>ON CALL</td> <td>VGR</td> <td>ON CALL</td> </tr> </table>	ON CALL	VGR	ON CALL
ON CALL	VGR	ON CALL		
NOTES	[1] S/C 31=GS-4B @ 0609 XB=2.8K(41) NOT RECOVERABLE			
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UTC: DEC 21 DEC 22				

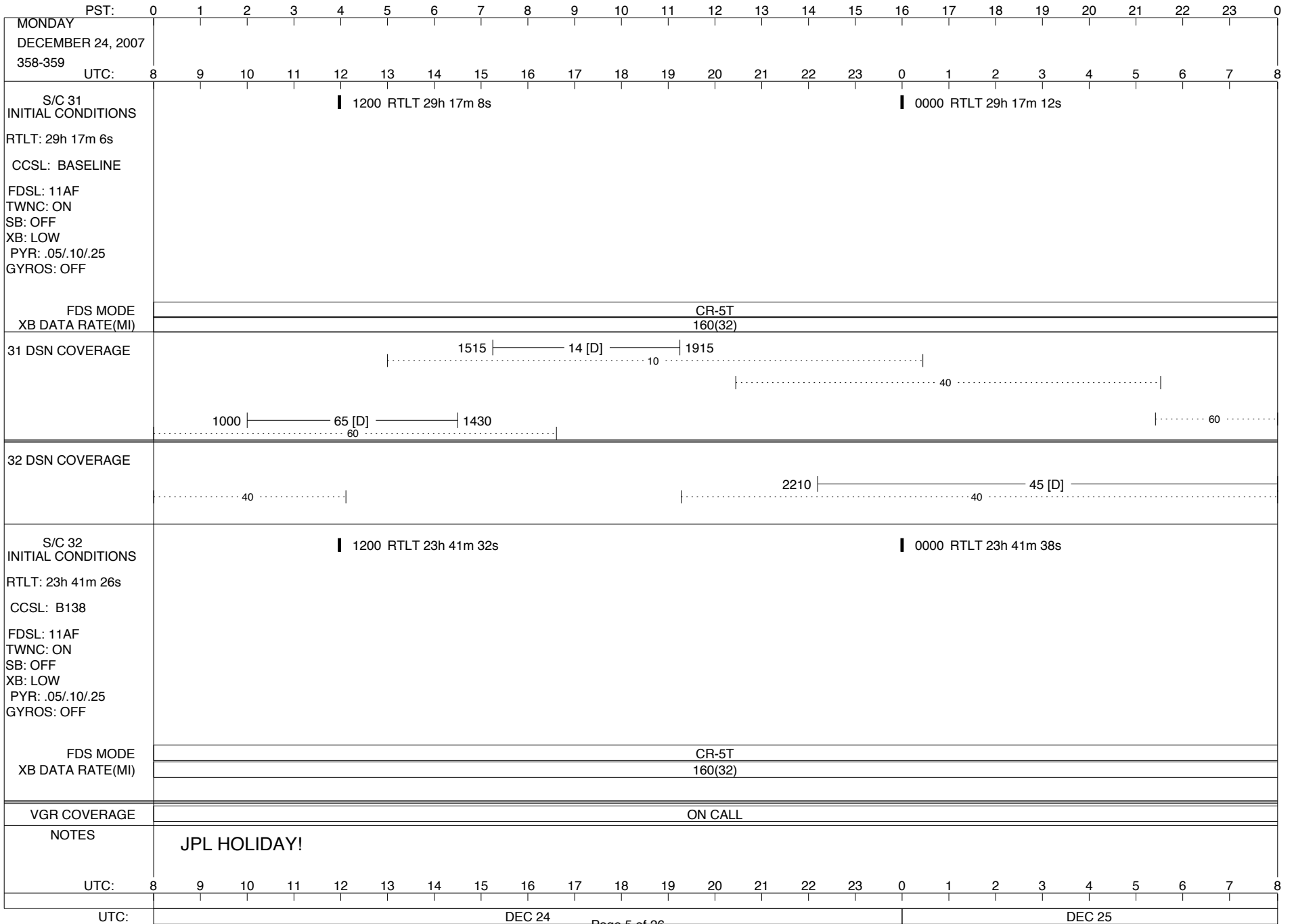
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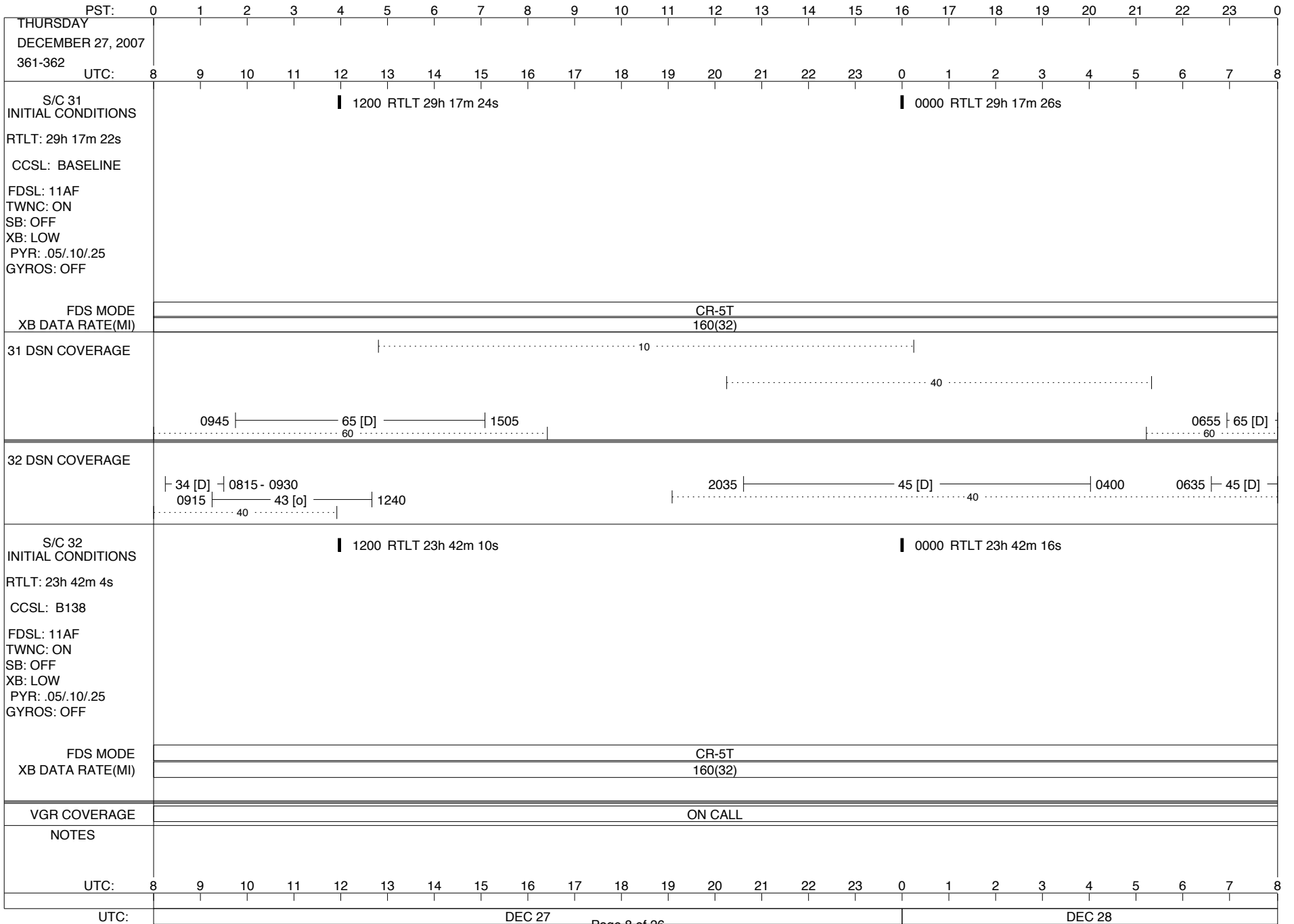
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DECEMBER 25, 2007		UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8																							
S/C 31 INITIAL CONDITIONS RTLT: 29h 17m 12s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 29h 17m 14s																			0000 RTLT 29h 17m 16s					
																			2344 2345 PWS/RH						
																			↓ 2344 GS-4B 2345						
FDS MODE	CR-5T																		CR-5T						
XB DATA RATE(MI)	160(32)																		160(32)						
31 DSN COVERAGE 1715 ----- 14 [D] ----- 2315 10 40 60 60																								
32 DSN COVERAGE	--- 45 [D] --- 0940 0555 --- 45 [D] --- 40 40																								
S/C 32 INITIAL CONDITIONS RTLT: 23h 41m 38s CCSL: B138 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 23h 41m 46s																			0000 RTLT 23h 41m 52s					
																			CR-5T						
																			160(32)						
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 2344 XB=2.8K(41) NOT RECOVERABLE JPL HOLIDAY!																								
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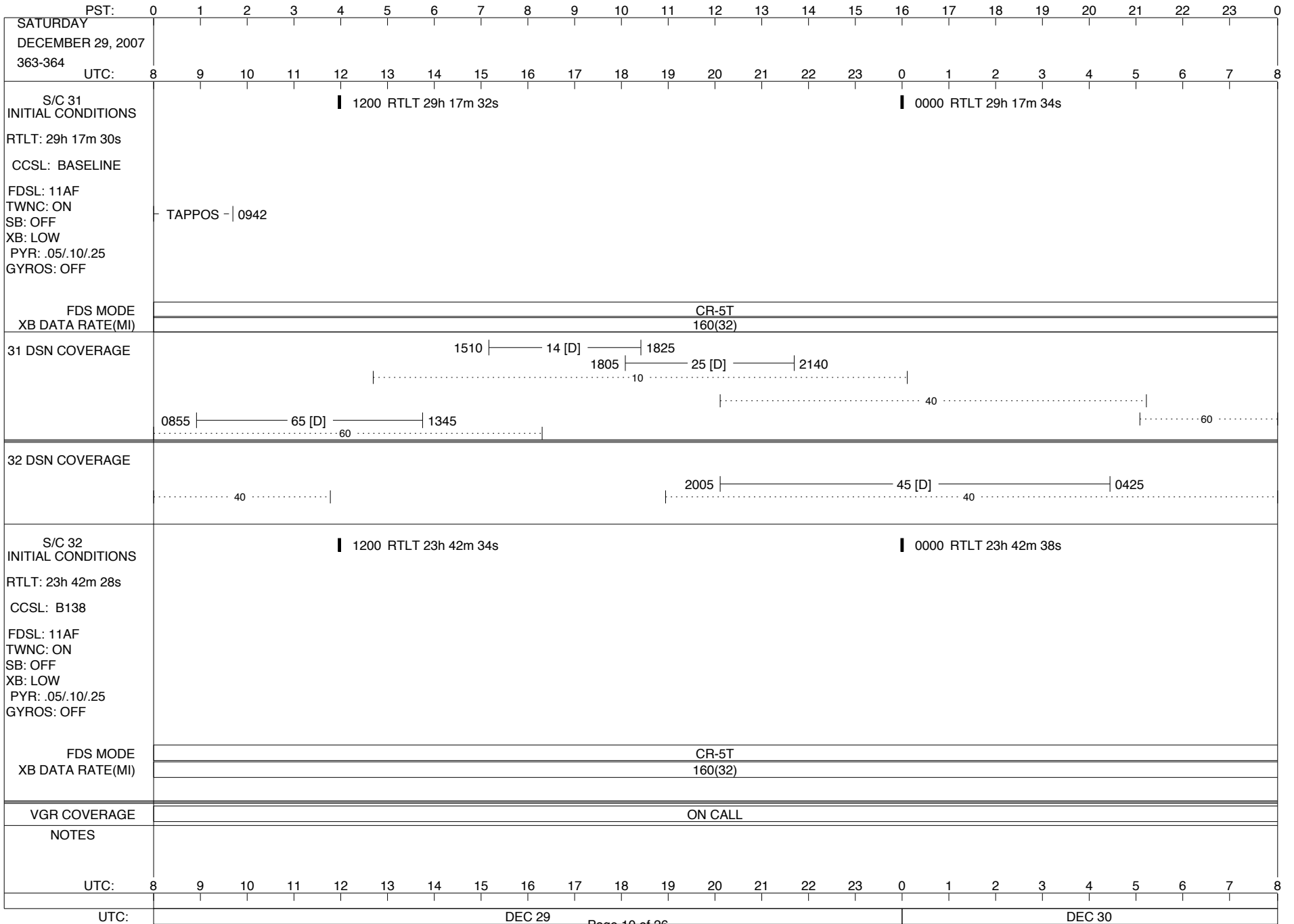
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S/C 31 INITIAL CONDITIONS RTLT: 29h 17m 16s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						1200																				
FDS MODE XB DATA RATE(MI)																										
31 DSN COVERAGE																										
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS RTLT: 23h 41m 52s CCSL: B138 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						1200																				
FDS MODE XB DATA RATE(MI)																										
VGR COVERAGE																										
NOTES																										
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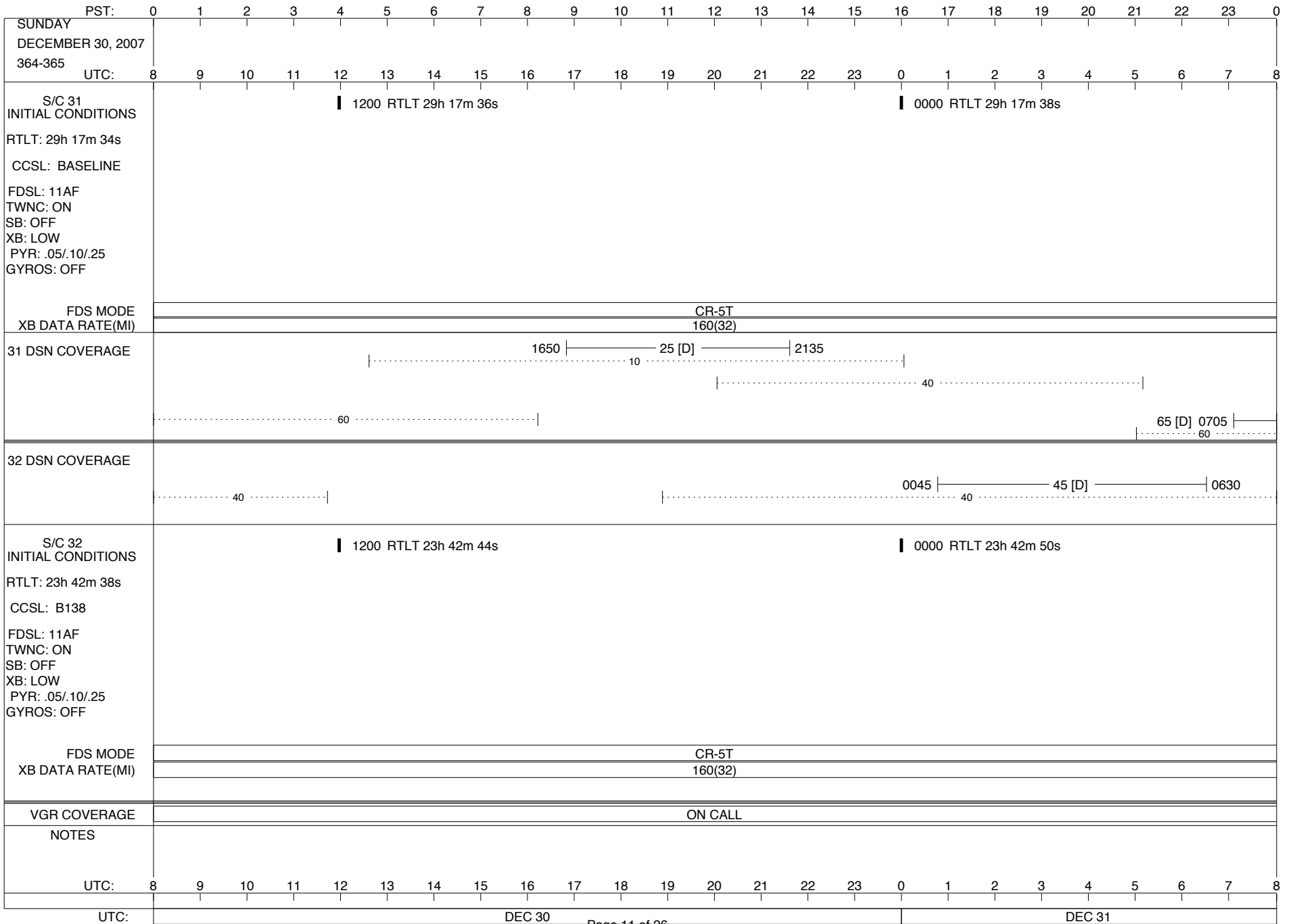


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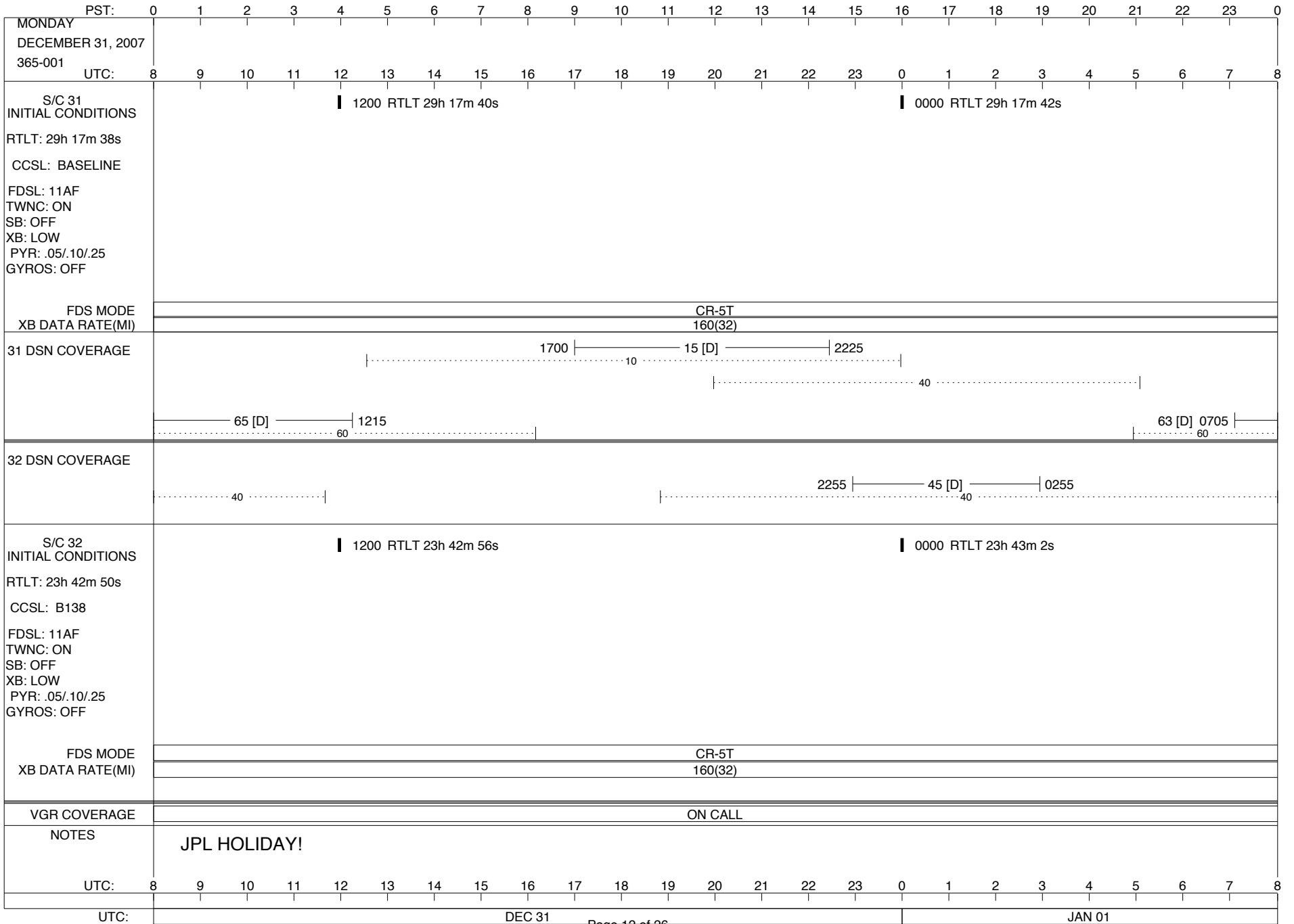
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UTC:		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS RTLT: 29h 17m 26s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 29h 17m 28s												0000 RTLT 29h 17m 30s															
FDS MODE		CR-5T												CR-5T															
XB DATA RATE(MI)		160(32)												160(32)															
31 DSN COVERAGE		<p>Timeline for S/C 31 DSN COVERAGE:</p> <ul style="list-style-type: none"> 1645 ----- 25 [D] ----- 2145 65 [D] ----- 1410 40 60 																											
32 DSN COVERAGE		<p>Timeline for S/C 32 DSN COVERAGE:</p> <ul style="list-style-type: none"> 45 [D] ----- 1045 0000 ----- 43 [B] ----- 0615 40 																											
S/C 32 INITIAL CONDITIONS RTLT: 23h 42m 16s CCSL: B138 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 23h 42m 22s												0000 RTLT 23h 42m 28s															
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 @ 0545 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 28												DEC 29															



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ISSUE DATE: 12/19/07 23:25

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 JANUARY 1, 2008 001-002	
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: 29h 17m 42s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 29h 17m 44s</p> <p>0000 RTLT 29h 17m 46s</p> <p>2321 2322 PWS/RH</p> <p>2333 ----- DTR MAINT ----- 0457</p> <p>0501 - 0736 -- TAPPOS ---- </p> <p>↓ 2321 GS-4B 2322</p>
FDS MODE XB DATA RATE(MI)	<p>CR-5T 160(32)</p> <p>CR-5T 160(32)</p>
31 DSN COVERAGE	<p>1710 ----- 14 [D] ----- 0000</p> <p>2340 ----- 45 [D] ----- 0310</p> <p>63 [D] ----- 1345 ----- 63 [T] 0725 </p>
32 DSN COVERAGE	<p>1830 ----- 43 [oH] ----- 0555</p>
S/C 32 INITIAL CONDITIONS RTLTL: 23h 43m 2s CCSL: B138 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 23h 43m 6s</p> <p>0000 RTLT 23h 43m 12s</p>
FDS MODE XB DATA RATE(MI)	<p>CR-5T 160(32)</p>
VGR COVERAGE	ON CALL VGR
NOTES	[1] S/C 31=GS-4B @ 2321 XB=2.8K(41) NOT RECOVERABLE JPL HOLIDAY!
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UTC: JAN 01 Page 13 of 26 JAN 02	

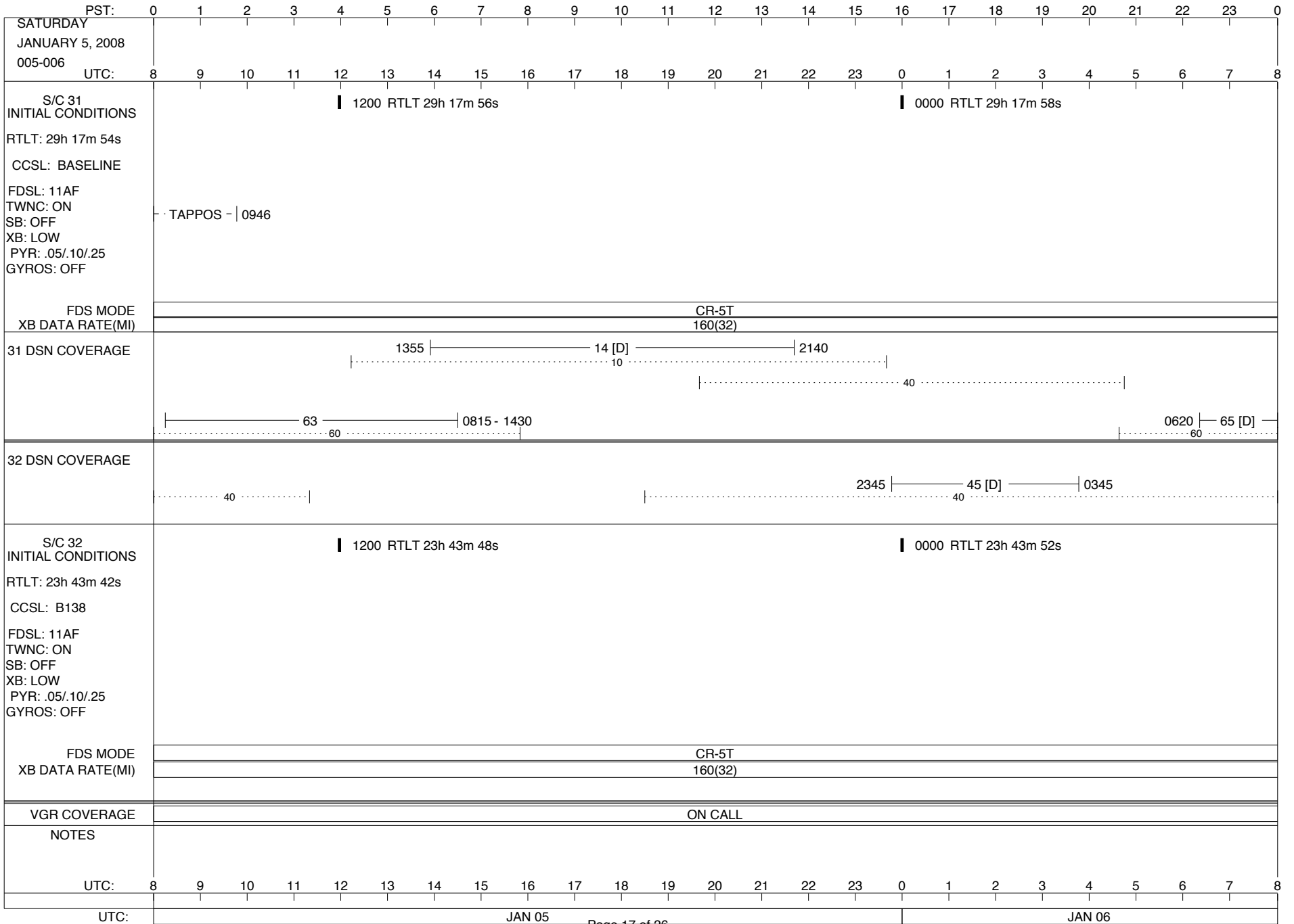
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S/C 31 INITIAL CONDITIONS RTLT: 29h 17m 48s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<p>1200 RTLT 29h 17m 50s</p> <p>0000 RTLT 29h 17m 52s</p> <p>* TBD A066 CCS CHKSUM</p> <p>* 1413 1415 CCS SID MRO</p> <p>* 1519 1525 CCSCAL</p> <p>----- TLC (SHORT-FORM) ----- D/L - 1841</p> <p>* * EL-40 1334 ↓ ↓ 1415 CR-5T</p>																									
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)											CR-5T 160(32)														
31 DSN COVERAGE	<p>1450 ----- 25 [D] ----- 2120</p> <p>..... ----- 40 ----- </p> <p>0915 ----- 65 [D] ----- 1440</p> <p>..... ----- 60 ----- </p> <p>..... ----- 40 ----- </p> <p>..... ----- 60 ----- 0630 65 [D] </p>																									
32 DSN COVERAGE	<p>34 [o] 0905</p> <p>..... ----- 40 ----- </p> <p>..... ----- 40 ----- 0015 ----- 45 [D] ----- 0440</p>																									
S/C 32 INITIAL CONDITIONS RTLT: 23h 43m 22s CCSL: B138 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<p>1200 RTLT 23h 43m 28s</p> <p>0000 RTLT 23h 43m 32s</p>																									
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																									
VGR COVERAGE	ON CALL							VGR							ON CALL											
NOTES	<p>[1] S/C 31=EL-40 @ 1334 XB=40(30)</p> <p>[2] S/C 31=CR-5T @ 1415 XB=160(32)</p>																									
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UTC:	JAN 03														JAN 04											

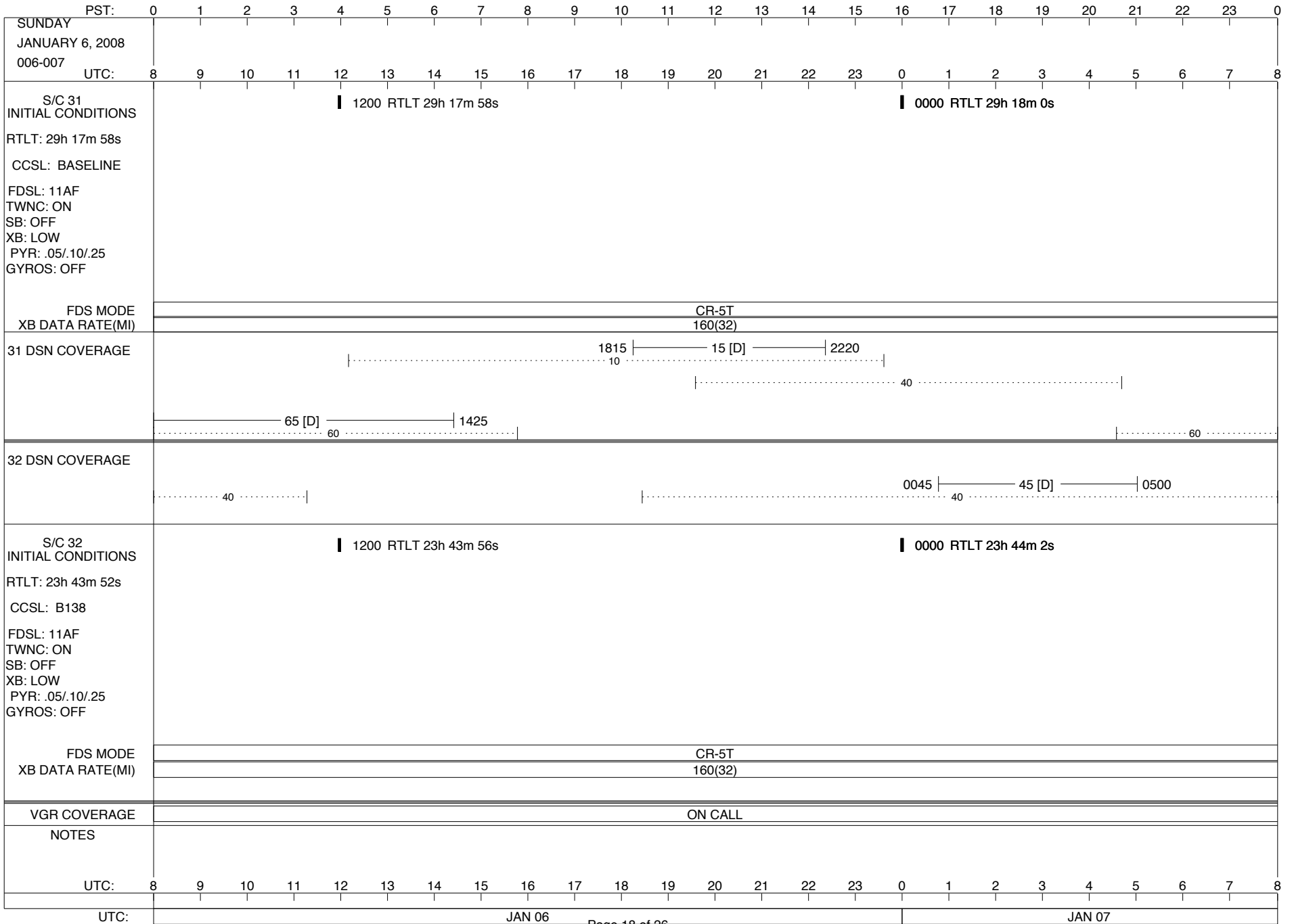
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S/C 31 INITIAL CONDITIONS RTLTL: 29h 17m 52s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 29h 17m 54s												0000 RTLTL 29h 17m 54s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	65 [D] 1435												40												
32 DSN COVERAGE	40												2110 34 [o] 0320												
S/C 32 INITIAL CONDITIONS RTLTL: 23h 43m 32s CCSL: B138 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 23h 43m 38s												0000 RTLTL 23h 43m 42s												
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 @ 0521 XB=2.8K(41) NOT RECOVERABLE																								
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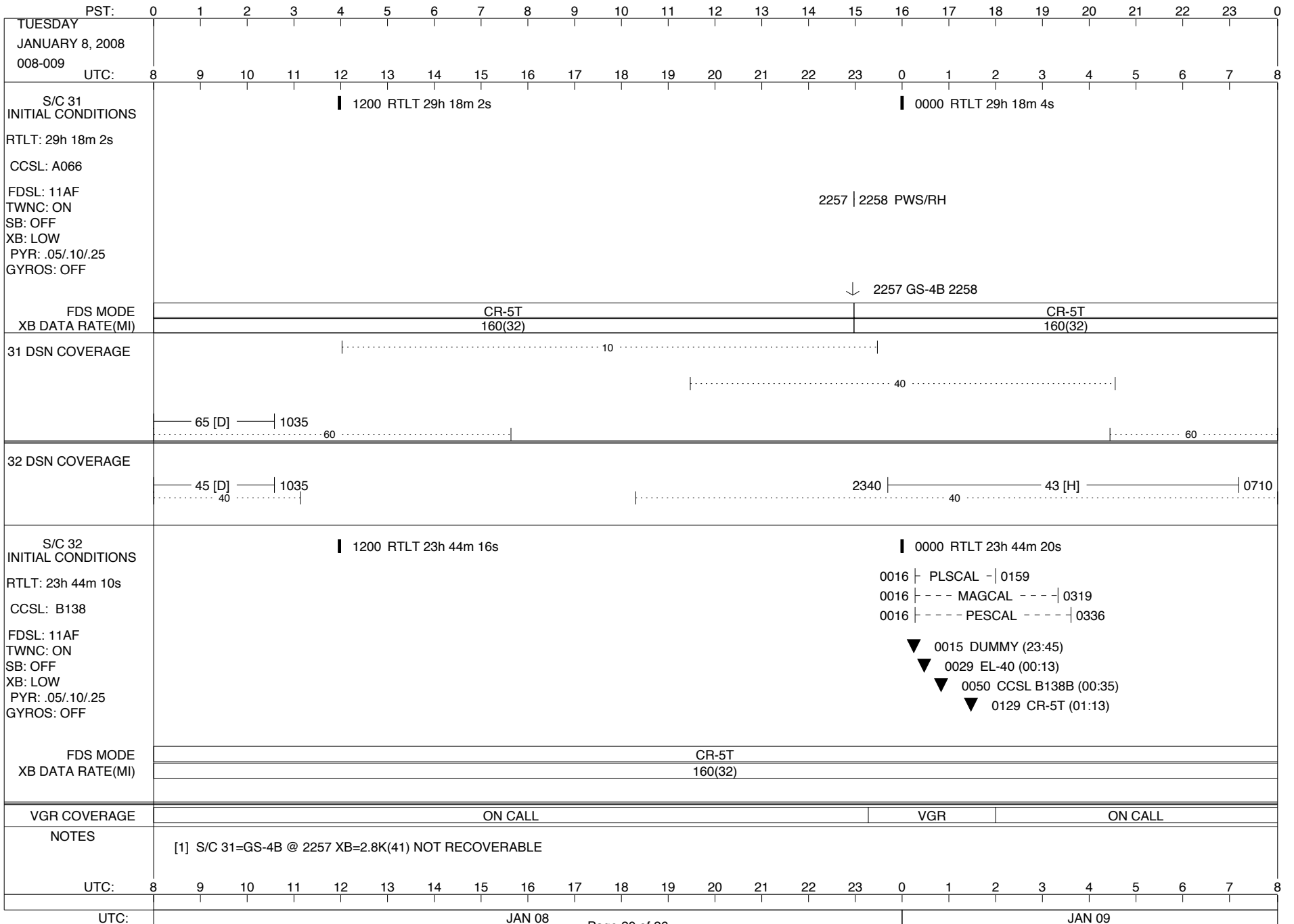
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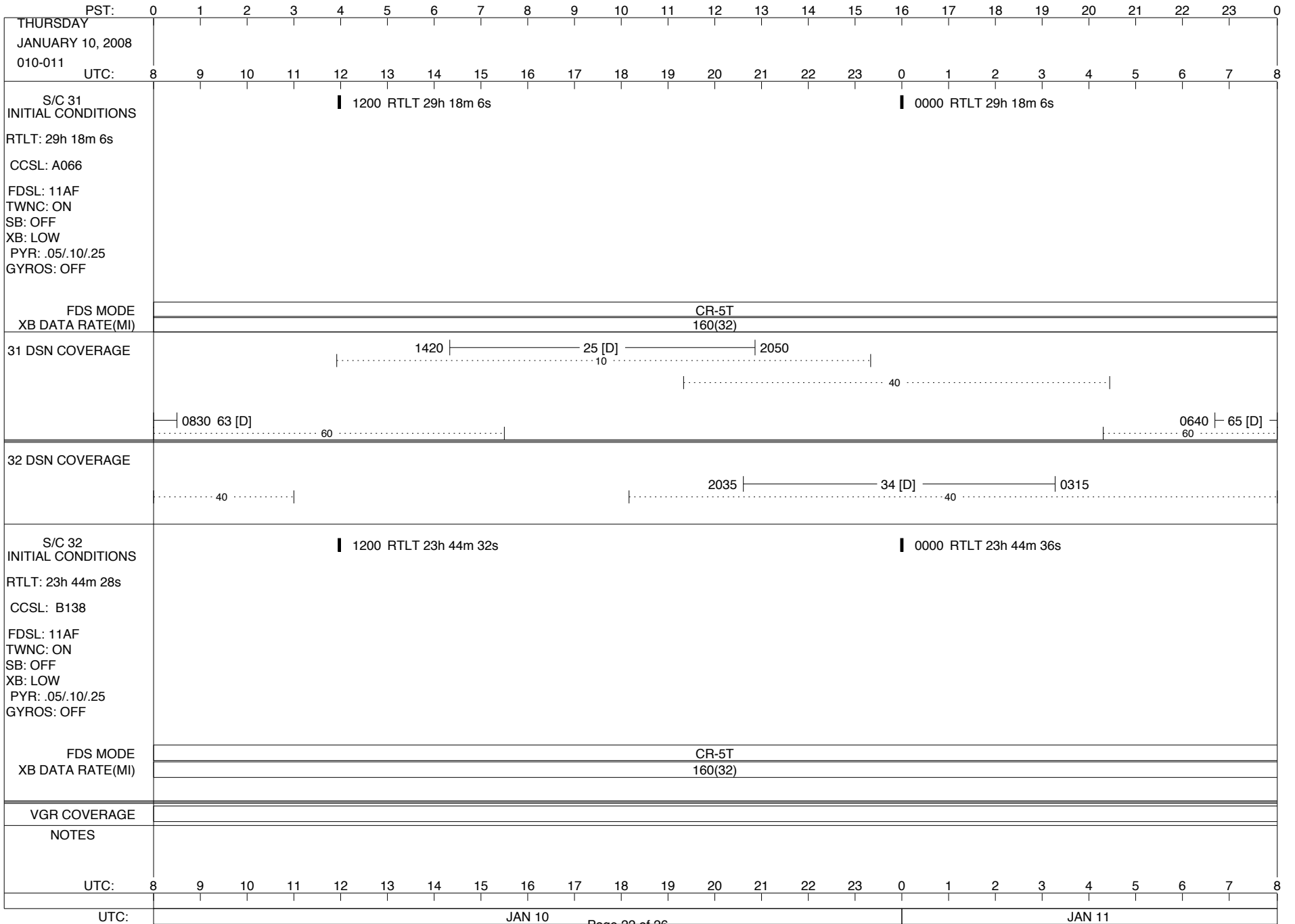
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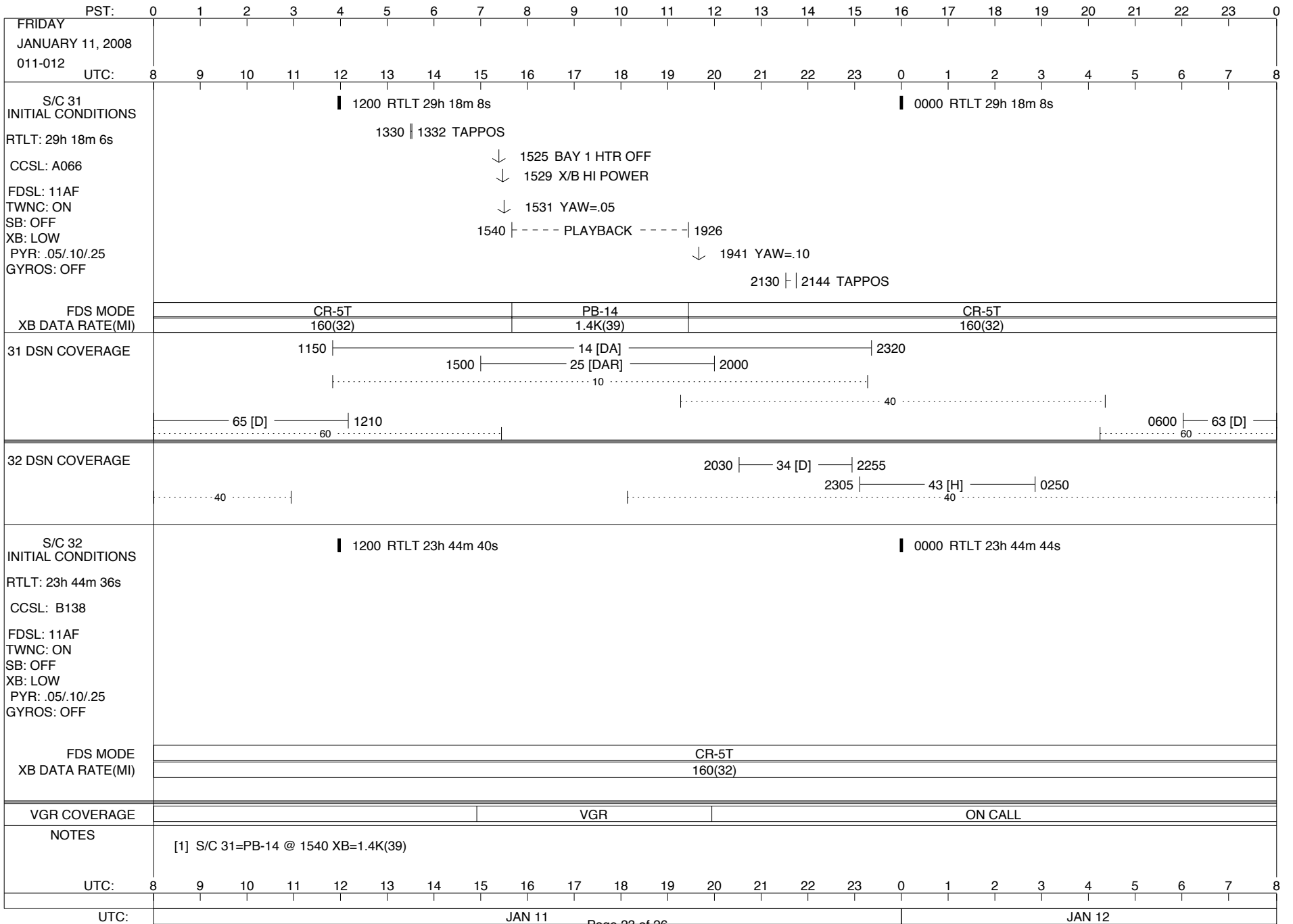
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S/C 31 INITIAL CONDITIONS RTLTL: 29h 18m 4s CCSL: A066 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLTL 29h 18m 4s												█ 0000 RTLTL 29h 18m 6s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	<p>1420 ----- 15 [D] ----- 1845</p> <p>..... ----- 10 ----- </p> <p>..... ----- 40 ----- </p> <p>65 [D] ----- 0815 - 1345</p> <p>..... ----- 60 ----- </p> <p>0405 ----- 63 [D] ----- </p> <p>..... ----- 60 ----- </p>																								
32 DSN COVERAGE	<p>..... ----- 40 ----- </p> <p>2050 - 0740 ----- 34 [D] ----- </p> <p>..... ----- 40 ----- </p>																								
S/C 32 INITIAL CONDITIONS RTLTL: 23h 44m 20s CCSL: B138 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLTL 23h 44m 24s												█ 0000 RTLTL 23h 44m 28s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												* TBD B138B CCS CHKSUM						* * EL-40 0015↓ ↓ 0115 CR-5T						
VGR COVERAGE	ON CALL												VGR												
NOTES	<p>[1] S/C 32=EL-40 @ 0015 XB=40(30)</p> <p>[2] S/C 32=CR-5T @ 0115 XB=160(32)</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:	JAN 09												Page 21 of 26						JAN 10						

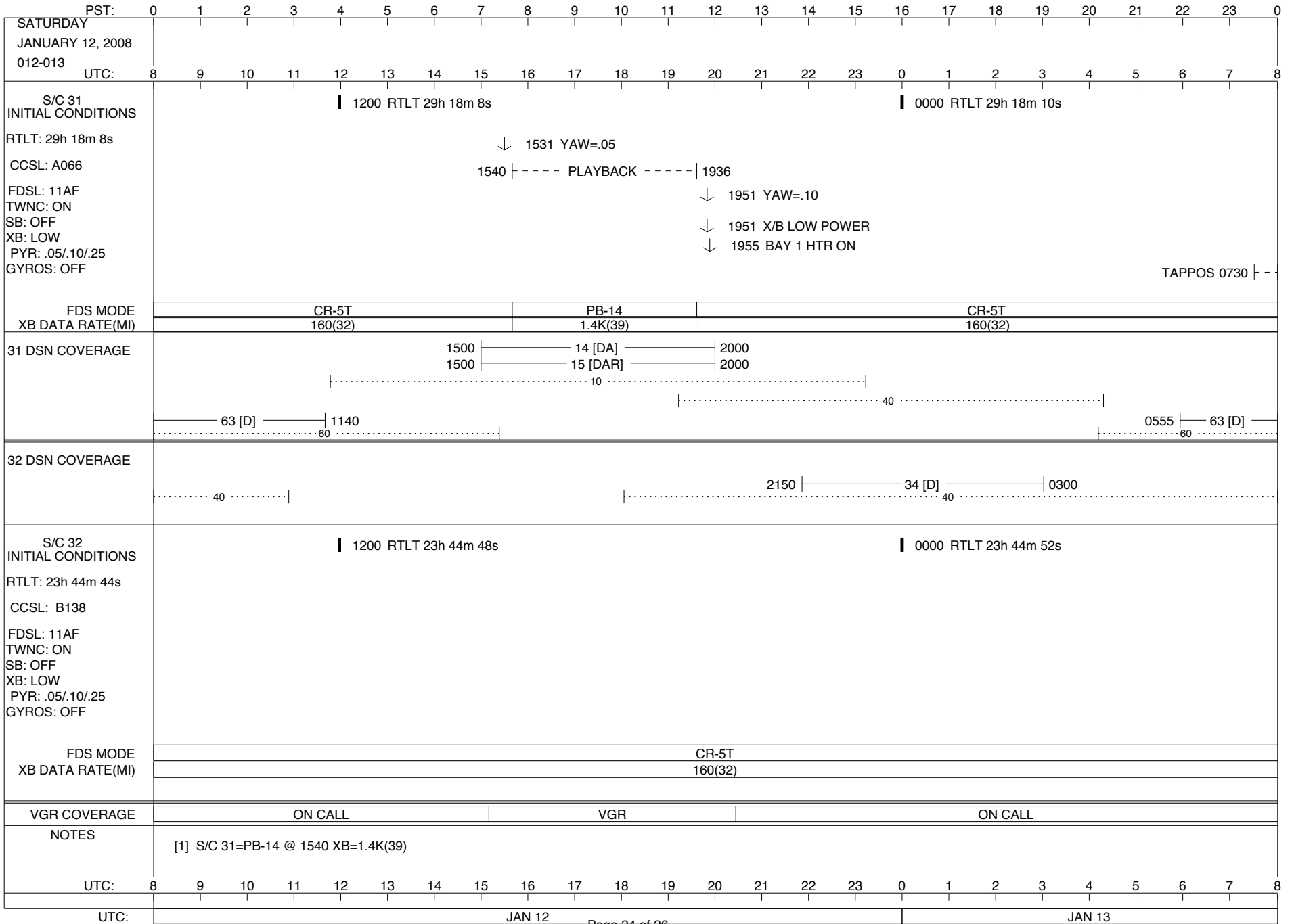
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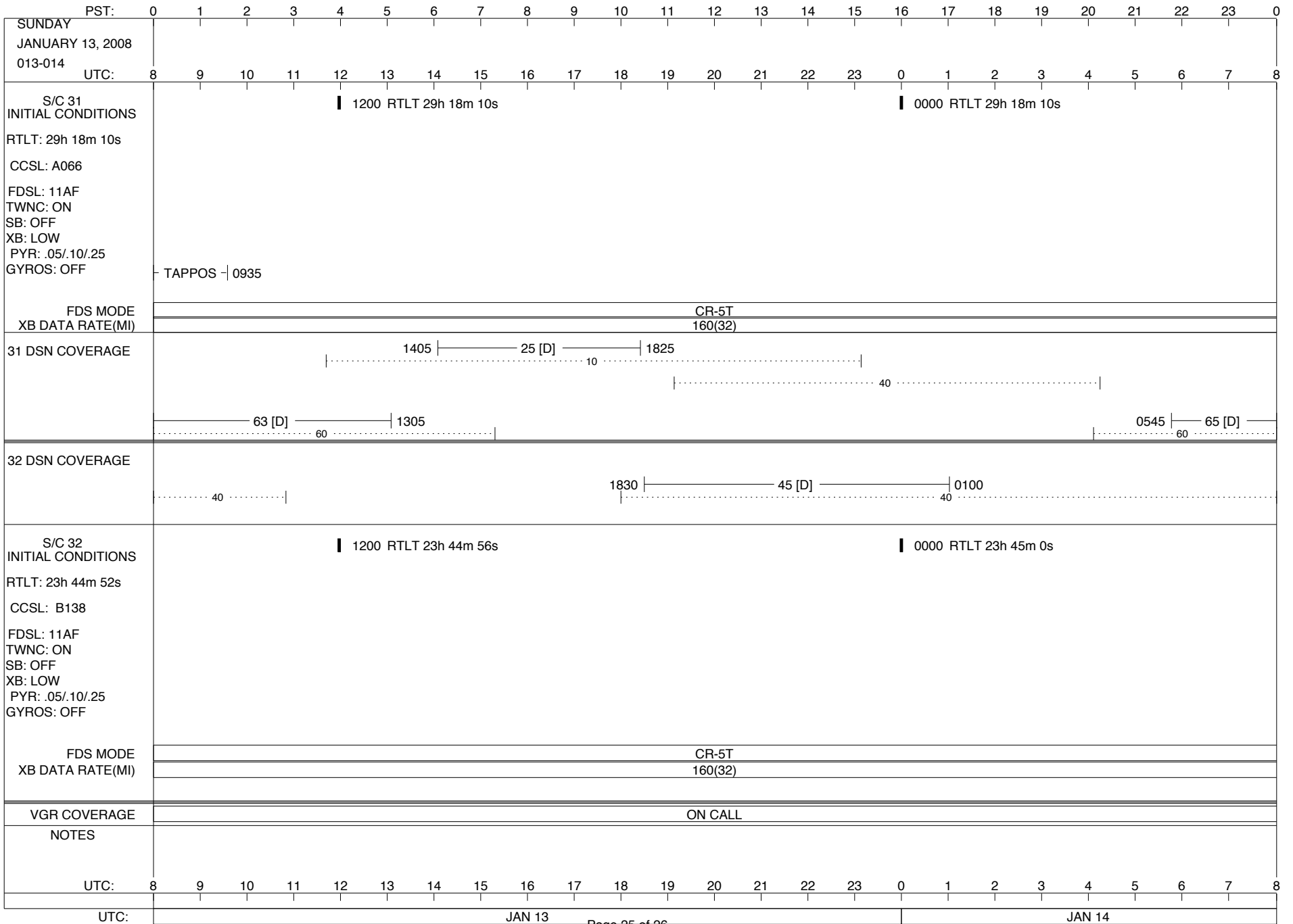
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