

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: January 14, 2009

For the Period: 01/15/09 to 02/02/09 (09-015- 09-033)

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SCIENCE

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 Ludwig, R. (2)
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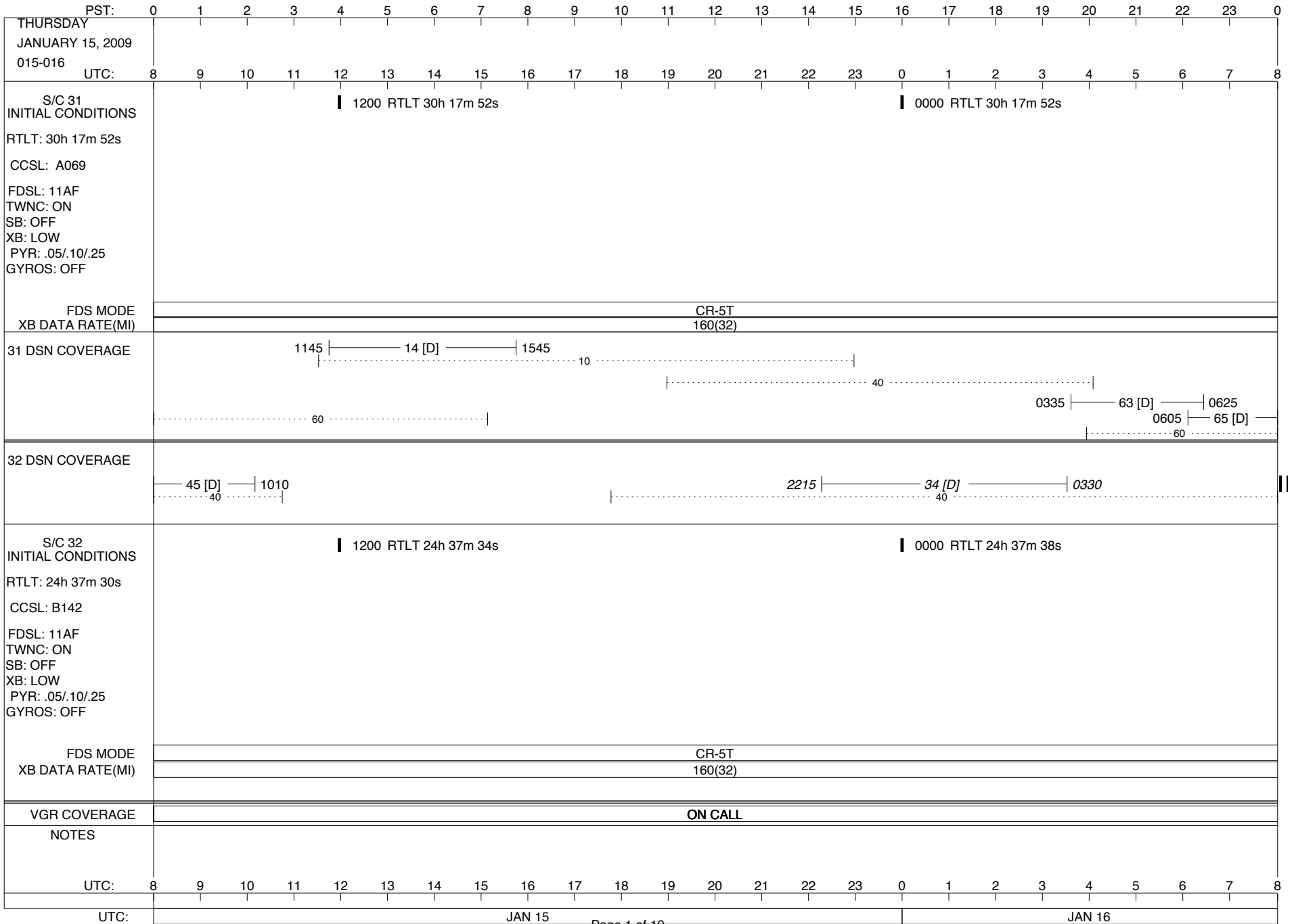
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LEGEND: ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = 7-Point BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink only pass
 [o] = Ramp-through

*Electronic Copy Only
 (17 – Dist/N: Paper Copies)
 02/21/08

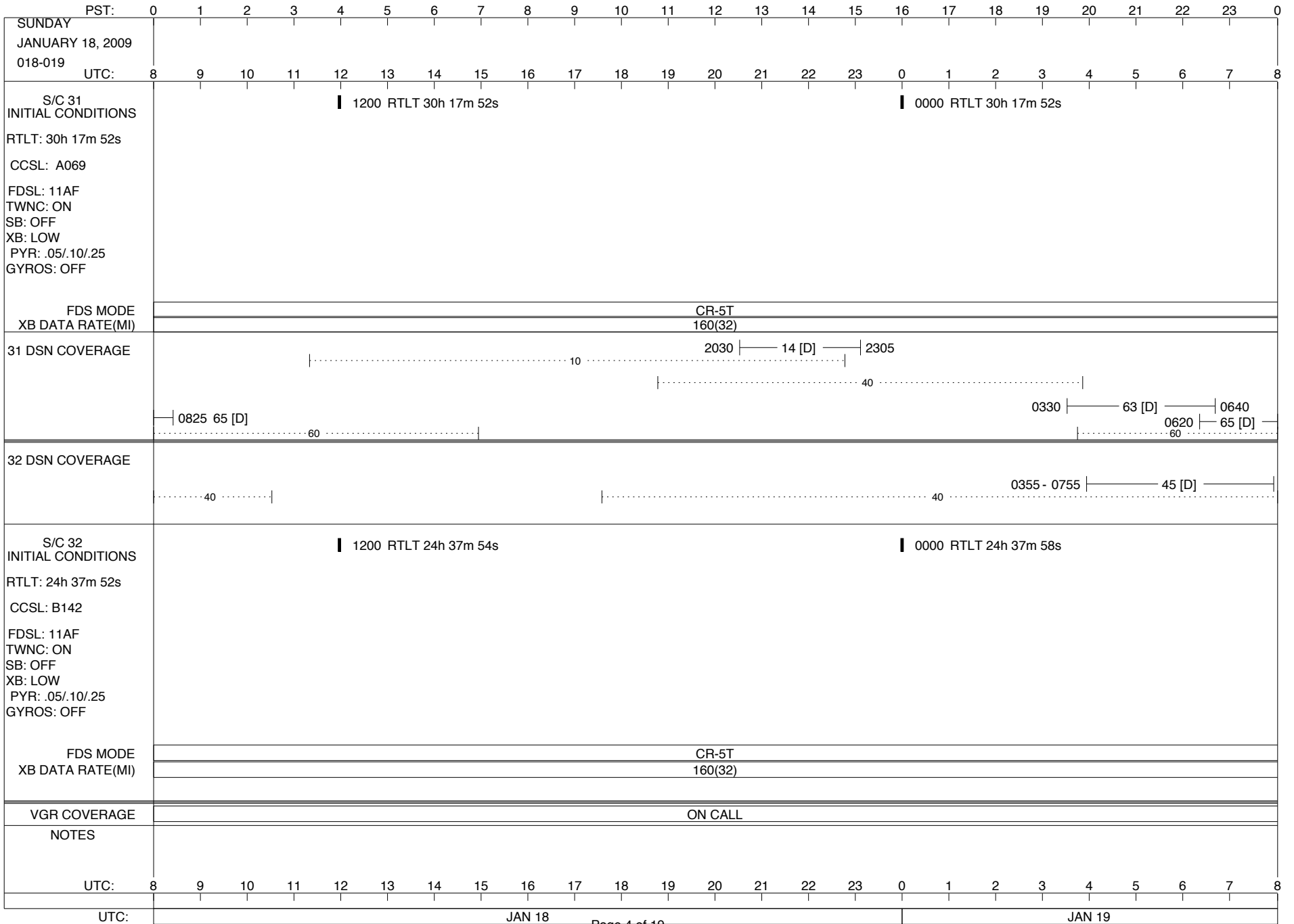
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ISSUE DATE: 01/15/09 21:37

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SATURDAY JANUARY 17, 2009 017-018	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: 30h 17m 52s CCSL: A069 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="display: flex; justify-content: space-between;"> █ 1200 RTLTL 30h 17m 52s █ 0000 RTLTL 30h 17m 52s </div> <p style="text-align: center;">* A070 CCS CHKSUM 1930 1940 * 1959 2000 2 AHELIO SID MRO'S</p> <p style="text-align: center;">----- TLC (SHORT-FORM) ----- D/L - 2236</p> <p style="text-align: center;">* * EL-40 1903 ↓ ↓ 2003 CR-5T</p> <table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 33%;">FDS MODE</td> <td>CR-5T</td> <td>EL-40</td> <td>CR-5T</td> </tr> <tr> <td>XB DATA RATE(MI)</td> <td>160(32)</td> <td>40(30)</td> <td>160(32)</td> </tr> </table>																											FDS MODE	CR-5T	EL-40	CR-5T	XB DATA RATE(MI)	160(32)	40(30)	160(32)
FDS MODE	CR-5T	EL-40	CR-5T																																
XB DATA RATE(MI)	160(32)	40(30)	160(32)																																
31 DSN COVERAGE	<table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 33%;">1325 ----- 2120</td> <td style="width: 33%;">15 [D] ----- 10</td> <td style="width: 33%;">40</td> </tr> <tr> <td>0330 ----- 0620</td> <td>63 [D] ----- 0600</td> <td>65 [D] ----- 60</td> </tr> </table>																											1325 ----- 2120	15 [D] ----- 10	40	0330 ----- 0620	63 [D] ----- 0600	65 [D] ----- 60		
1325 ----- 2120	15 [D] ----- 10	40																																	
0330 ----- 0620	63 [D] ----- 0600	65 [D] ----- 60																																	
32 DSN COVERAGE	<table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 33%;">45 [D] ----- 1005</td> <td style="width: 33%;">2035 ----- 0135</td> <td style="width: 33%;">45 [D] ----- 40</td> </tr> </table>																											45 [D] ----- 1005	2035 ----- 0135	45 [D] ----- 40					
45 [D] ----- 1005	2035 ----- 0135	45 [D] ----- 40																																	
S/C 32 INITIAL CONDITIONS RTLTL: 24h 37m 44s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="display: flex; justify-content: space-between;"> █ 1200 RTLTL 24h 37m 48s █ 0000 RTLTL 24h 37m 52s </div>																																		
FDS MODE XB DATA RATE(MI)	<table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 33%;">FDS MODE</td> <td>CR-5T</td> </tr> <tr> <td>XB DATA RATE(MI)</td> <td>160(32)</td> </tr> </table>																											FDS MODE	CR-5T	XB DATA RATE(MI)	160(32)				
FDS MODE	CR-5T																																		
XB DATA RATE(MI)	160(32)																																		
VGR COVERAGE	ON CALL									VGR									ON CALL																
NOTES	<p>[1] S/C 31=EL-40 @ 1903 XB=40(30) [2] S/C 31=CR-5T @ 2003 XB=160(32)</p>																																		
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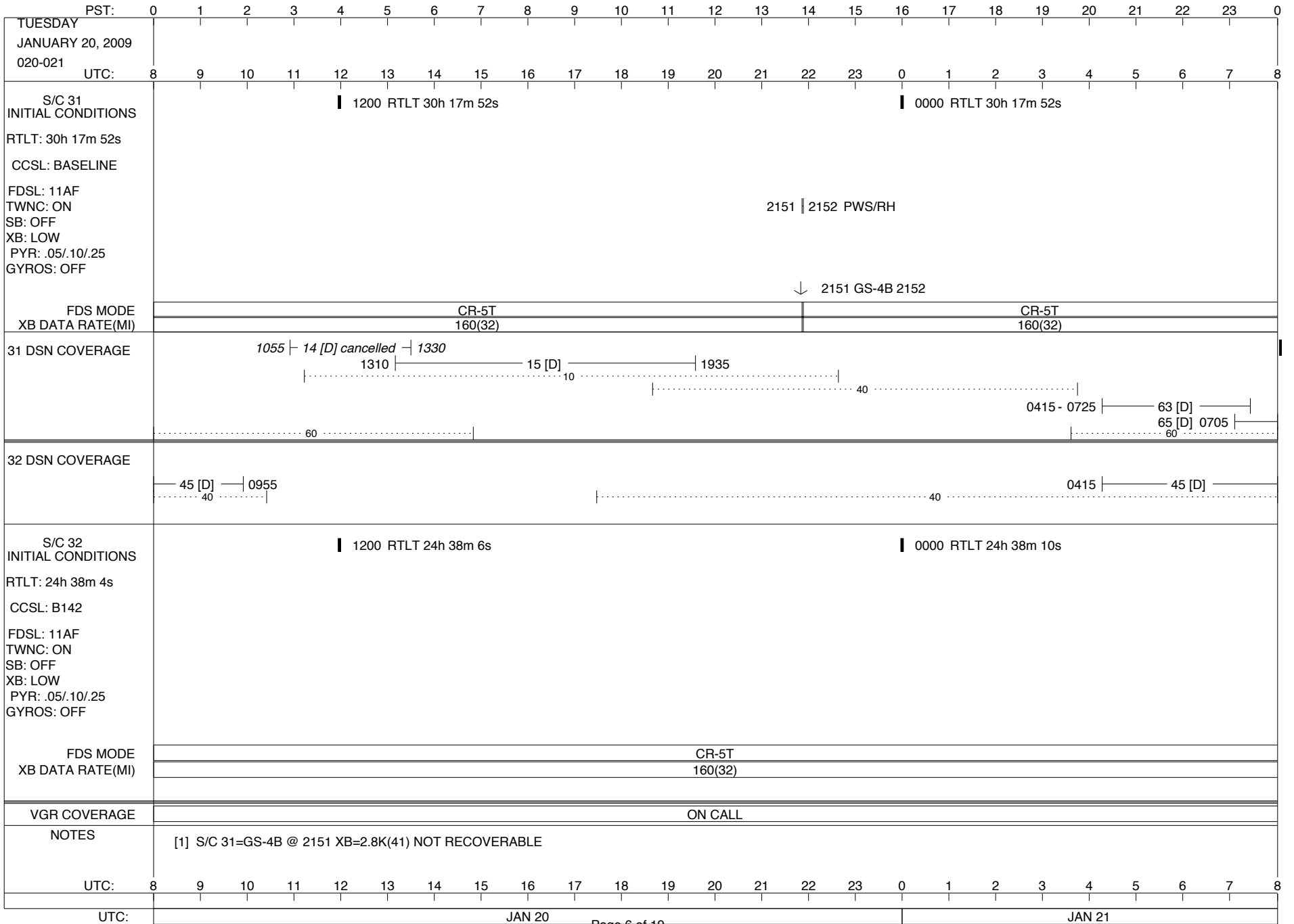
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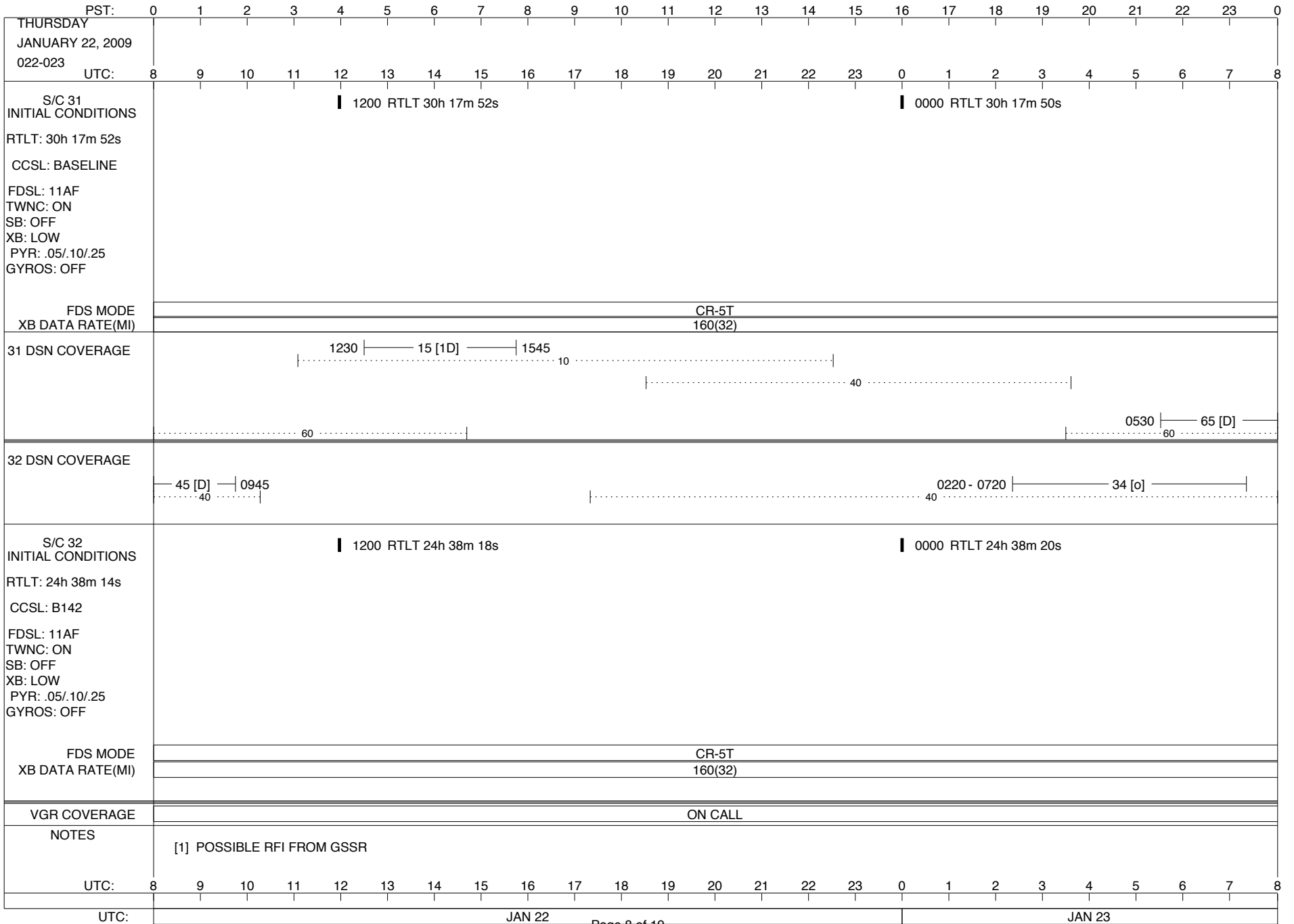
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S/C 31 INITIAL CONDITIONS RTLT: 30h 17m 52s CCSL: A069 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	↓ 0018 END SEQUENCE A069																										
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																										
31 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>1930 ----- 14 [D] ----- 2300 ----- 10 ----- </p> <p>65 [D] ----- 1015 ----- 60 ----- </p> </div> <div style="width: 45%; text-align: right;"> <p>0325 - 0725 ----- 63 [1D] ----- ----- 60 ----- </p> </div> </div>																										
32 DSN COVERAGE	0555 ----- 45 [D] ----- ----- 40 -----																										
S/C 32 INITIAL CONDITIONS RTLT: 24h 37m 58s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 24h 38m 0s													█ 0000 RTLT 24h 38m 4s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																										
VGR COVERAGE	ON CALL																										
NOTES	<p>[1] A070 BACKUP UPLINK TRACK JPL HOLIDAY!</p>																										
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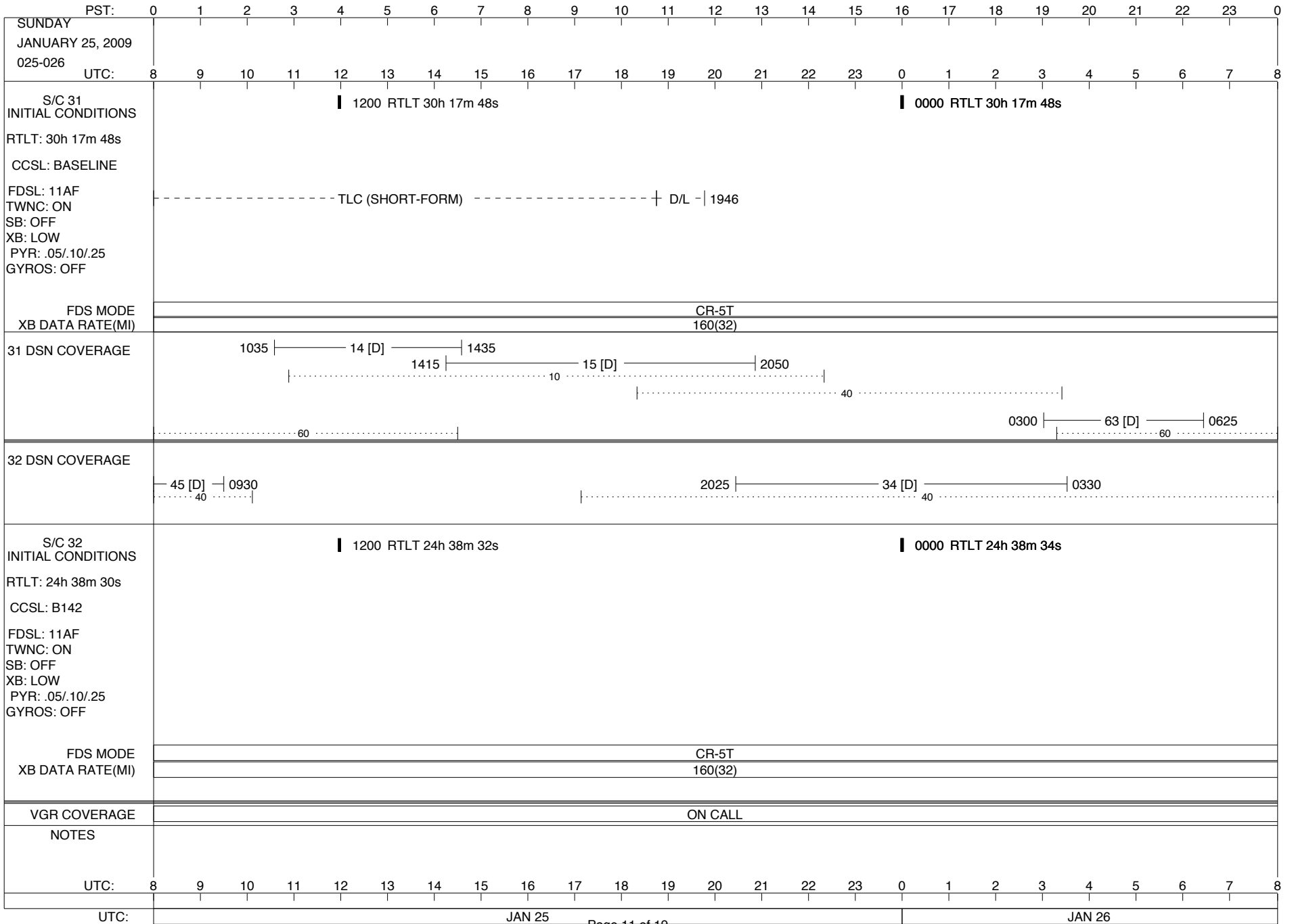
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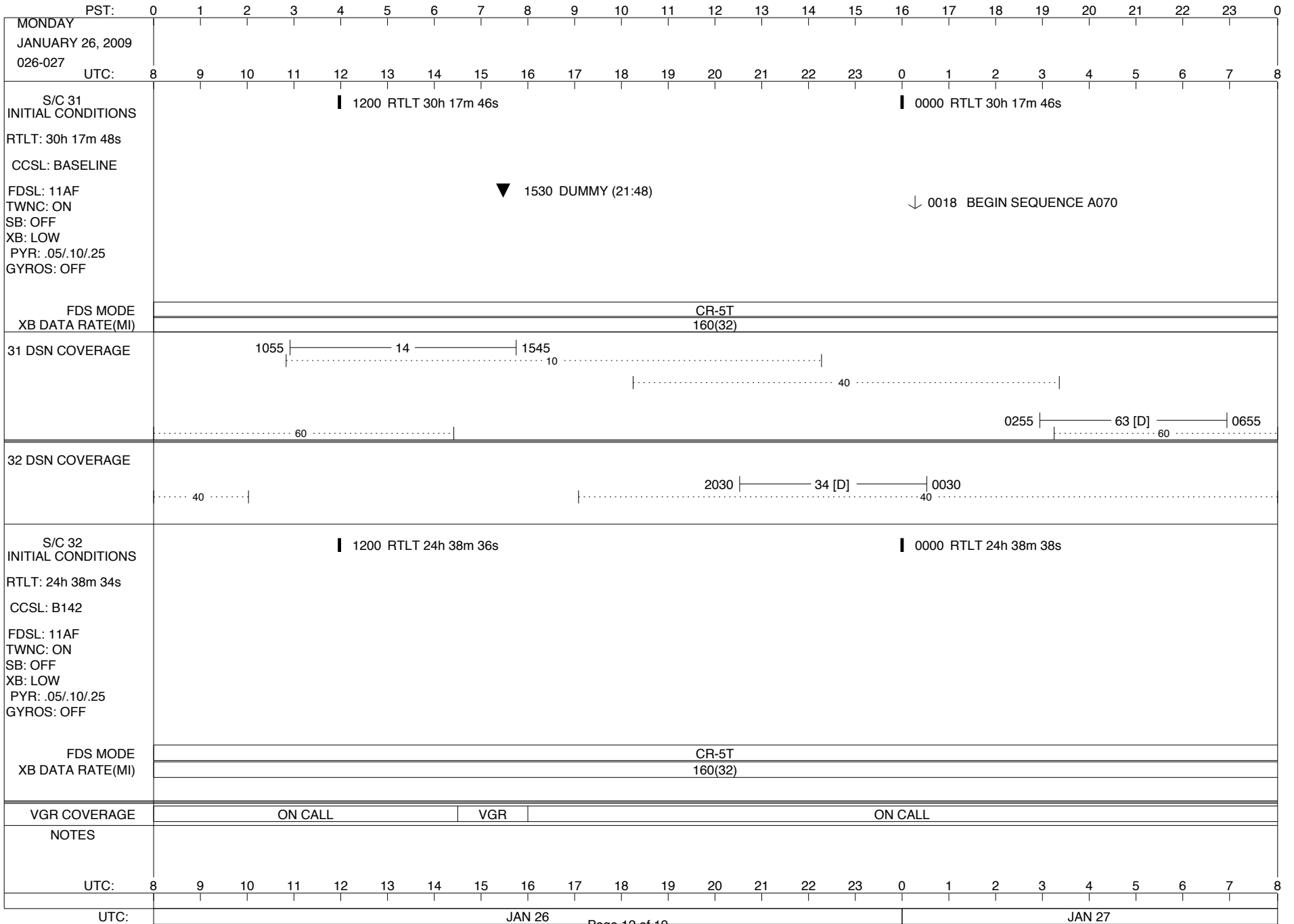
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S/C 31 INITIAL CONDITIONS RTLT: 30h 17m 50s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 17m 50s												0000 RTLT 30h 17m 50s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1225 15 [D] 1415												0255 - 0715 34 [D]												
32 DSN COVERAGE	65 [D] 0930												0255 - 0715 34 [D]												
S/C 32 INITIAL CONDITIONS RTLT: 24h 38m 20s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 38m 22s												0000 RTLT 24h 38m 24s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0351 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
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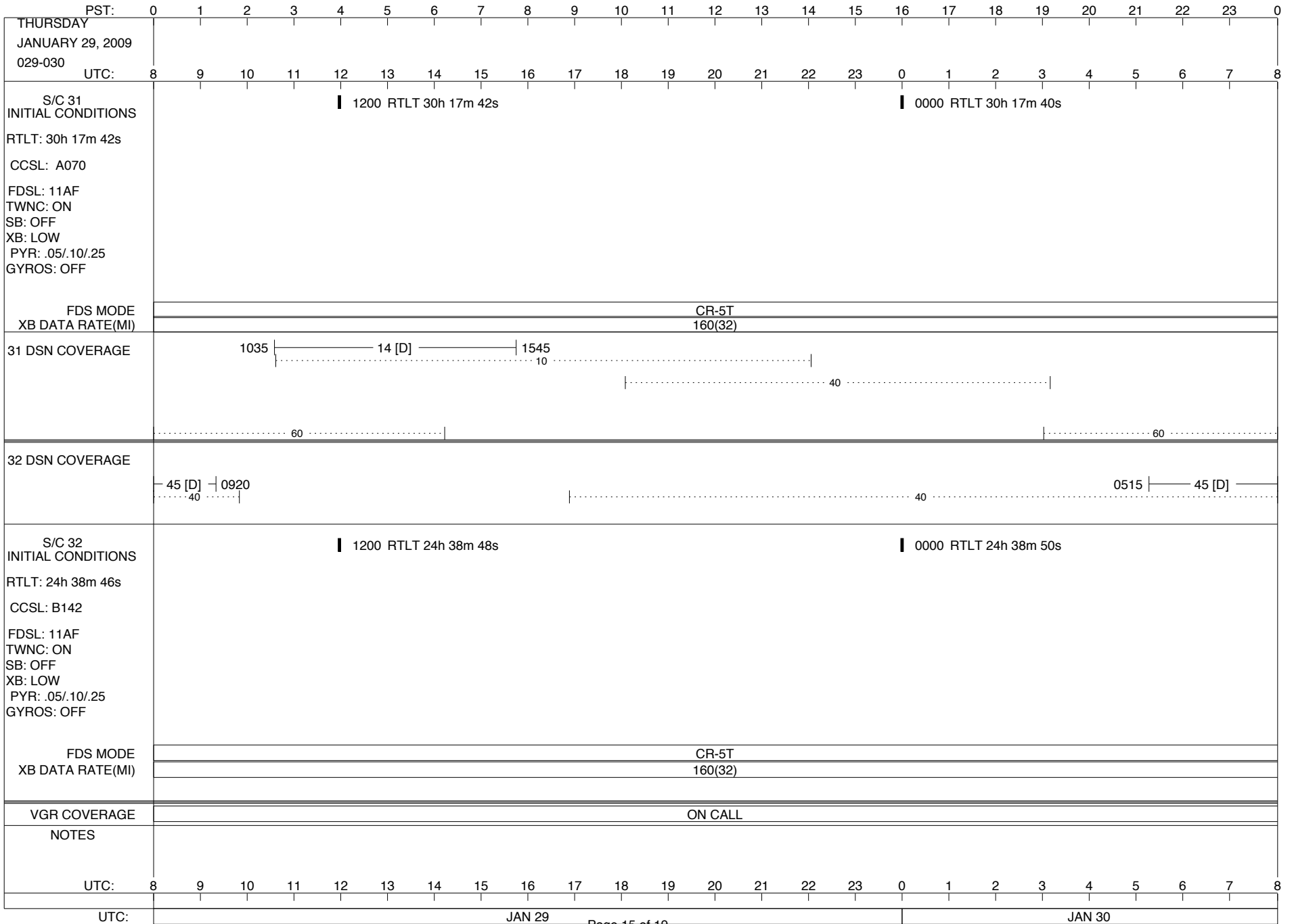
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S/C 31 INITIAL CONDITIONS RTLTL: 30h 17m 46s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 30h 17m 46s												█ 0000 RTLTL 30h 17m 44s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1210 ----- 15 [D] ----- 1500												0510 ----- 65 [D] -----												
32 DSN COVERAGE	40 -----												40 ----- 0525 ----- 45 [D] -----												
S/C 32 INITIAL CONDITIONS RTLTL: 24h 38m 38s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 24h 38m 40s												█ 0000 RTLTL 24h 38m 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 @ 2127 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
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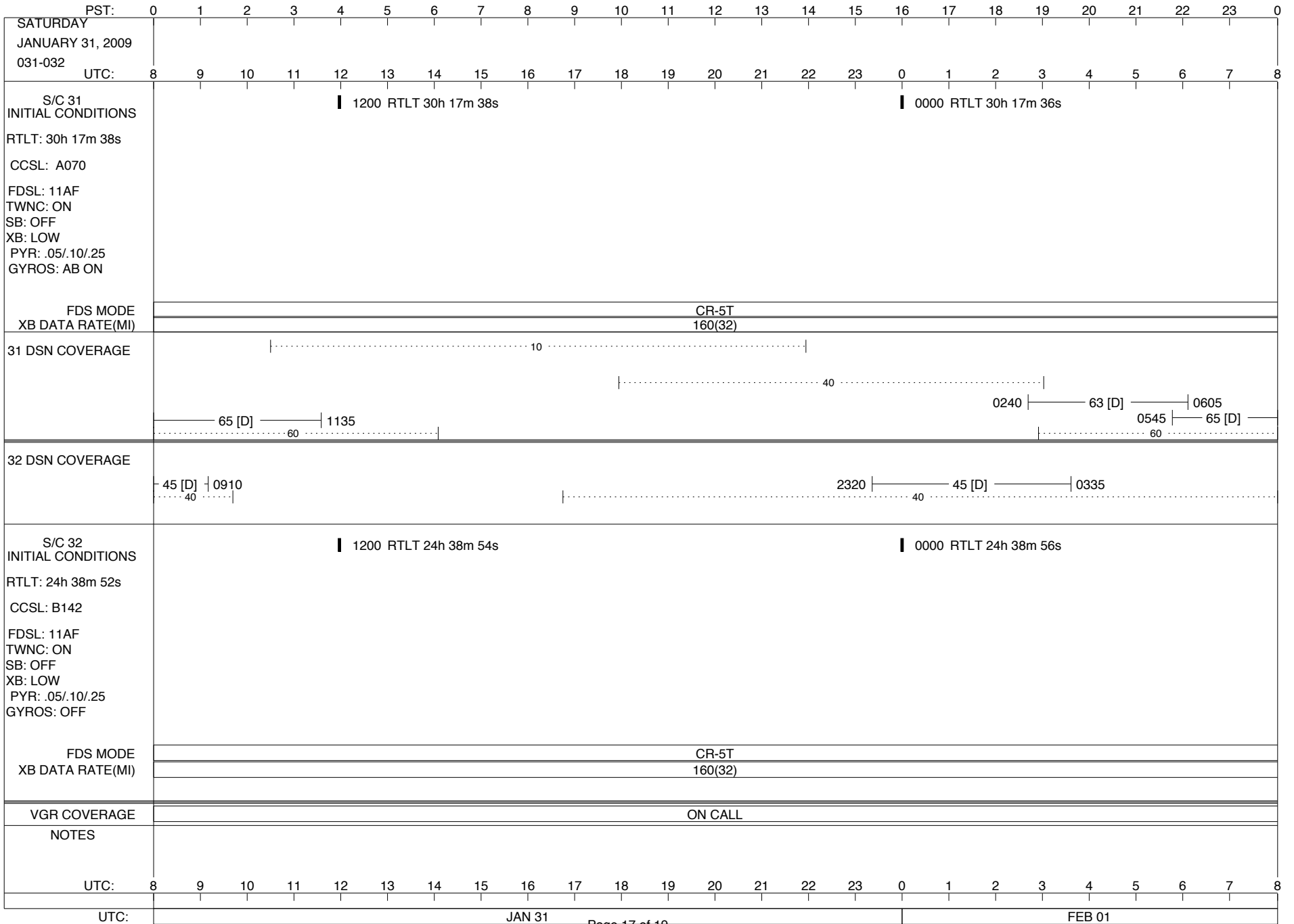
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S/C 31 INITIAL CONDITIONS RTLT: 30h 17m 40s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 30h 17m 40s												0000 RTLT 30h 17m 38s												
	↓ 1145 GYROS AB ON												0025 0039 TAPPOS												
	↓ 1146 GYRO INIT												0327 0328 PWS/RH												
	↓ 1155 GYRO FAULT TEST												0534 0535 TAPPOS												
	1238 1244 CCSTIM(B)												↓ 0327 GS-4B 0328												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE 10 40												
	----- 63 [D] ----- 0815 - 1405												0455 ----- 65 [D] -----												
	60												60												
32 DSN COVERAGE	----- 45 [D] 0915												0510 ----- 45 [D] -----												
	40												40												
S/C 32 INITIAL CONDITIONS RTLT: 24h 38m 50s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 24h 38m 52s												0000 RTLT 24h 38m 52s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0327 XB=2.8K(41) NOT RECOVERABLE																								
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S/C 31 INITIAL CONDITIONS RTLT: 30h 17m 36s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AB ON	█ 1200 RTLT 30h 17m 36s												█ 0000 RTLT 30h 17m 34s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	1010 ----- 14 [D] ----- 1335 ----- 10 ----- ----- 40 -----												65 [D] ----- 1015 ----- 60 -----												
													0450 ----- 65 [D] ----- 0620 ----- 60 -----												
32 DSN COVERAGE	----- 40 -----												----- 40 -----												
													0505 ----- 45 [D] -----												
S/C 32 INITIAL CONDITIONS RTLT: 24h 38m 56s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 24h 38m 58s												█ 0000 RTLT 24h 38m 58s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE													ON CALL												
NOTES																									
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ISSUE DATE: 01/15/09 21:37

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S/C 31 INITIAL CONDITIONS RTLT: 30h 17m 34s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: AB ON	<div style="text-align: center;"> <p>1200 RTLT 30h 17m 34s</p> </div>																								
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 24h 38m 58s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 24h 39m 0s</p> </div>																								
FDS MODE XB DATA RATE(MI)													CR-5T 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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