

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: January 19, 2011

For the Period: 01/20/2011 to 02/07/2011 (11-020 – 11-038)

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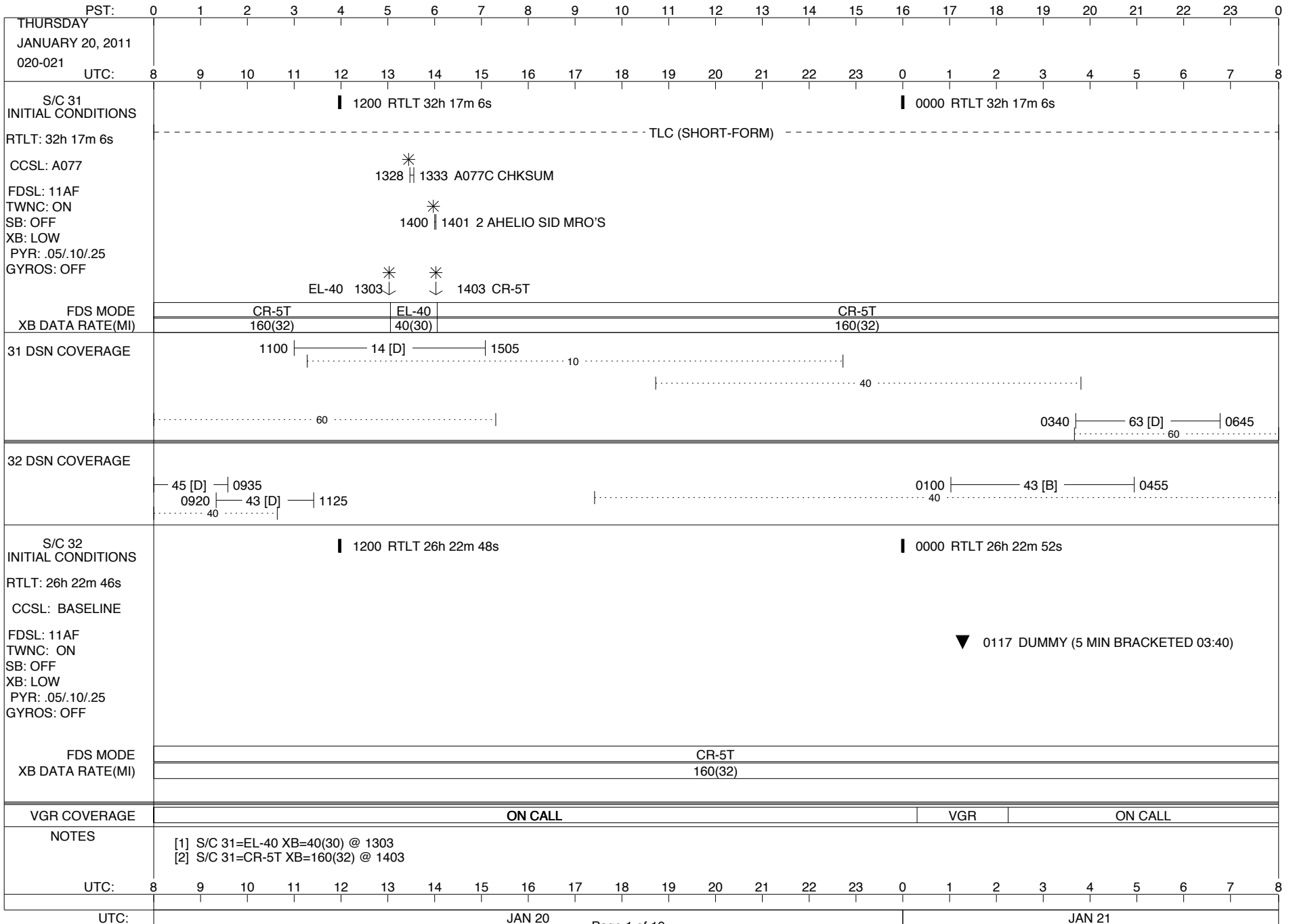
OTHER

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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
 (16 – Dist/N: Paper Copies)
 09/08/10

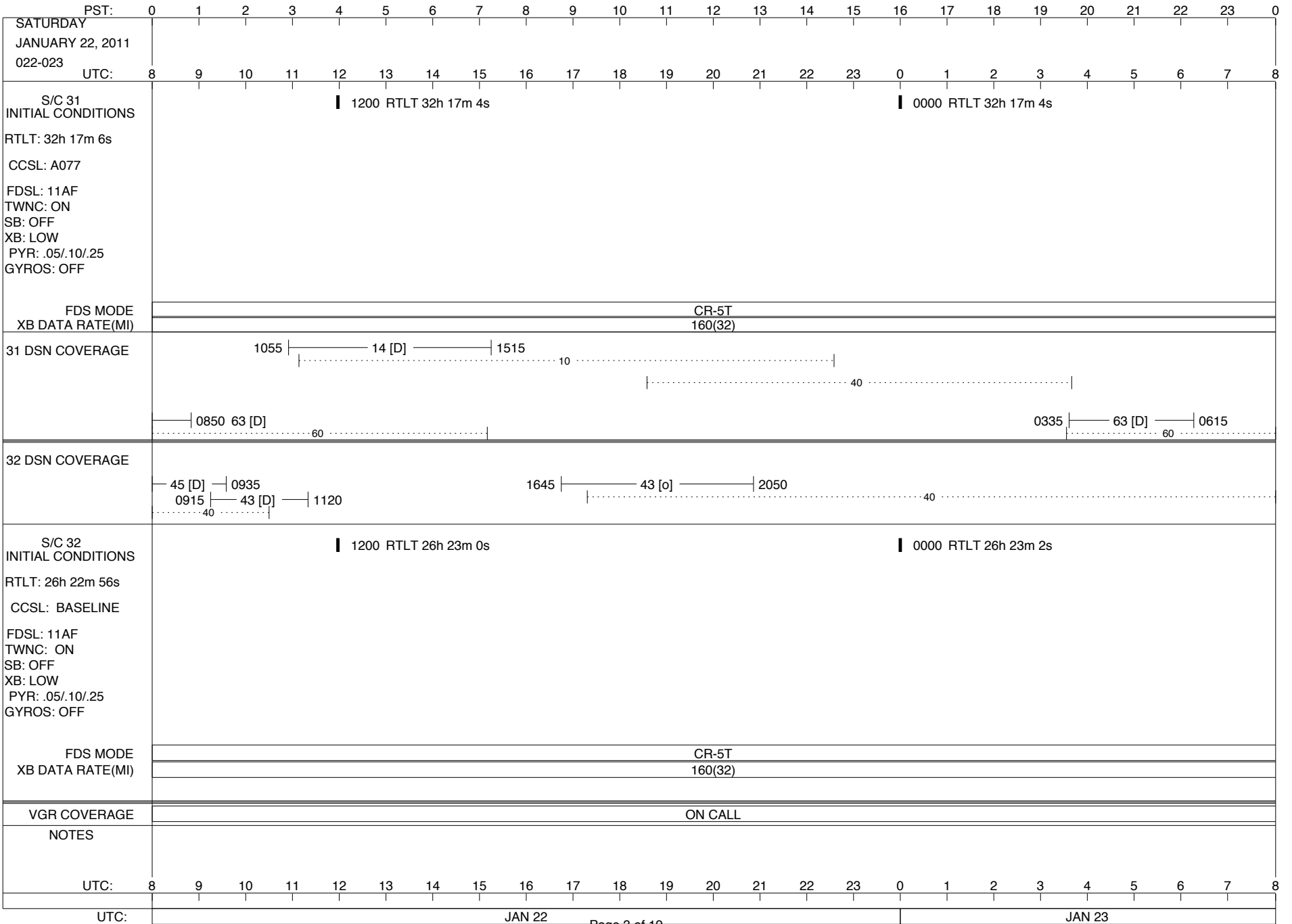
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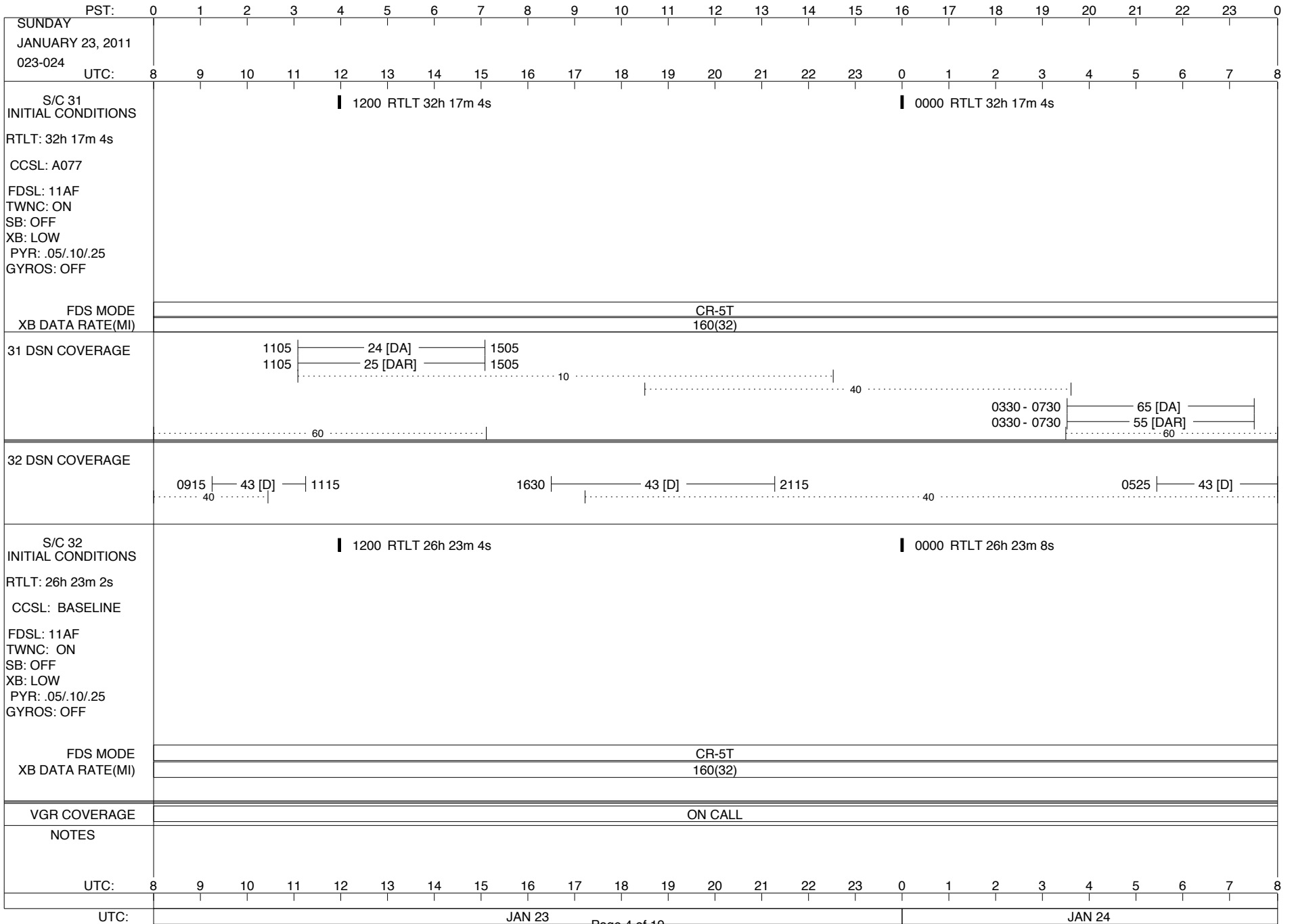
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S/C 31 INITIAL CONDITIONS RTLTL: 32h 17m 6s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 32h 17m 6s												█ 0000 RTLTL 32h 17m 6s												
	----- TLC (SHORT-FORM) ----- D/L - 1445												0100 0115 TAPPOS 0403 0404 PWS/RH TAPPOS 0610 0610												
													↓ 0403 GS-4B 0404												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1055 ----- 14 [D] ----- 1510 ----- 10 ----- ----- 40 -----												0335 ----- 63 [D] ----- ----- 60 -----												
32 DSN COVERAGE	----- 40 -----												----- 40 ----- 0655 45 [D]												
S/C 32 INITIAL CONDITIONS RTLTL: 26h 22m 52s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 26h 22m 54s												█ 0000 RTLTL 26h 22m 56s												
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 @ 0403 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 21												JAN 22												

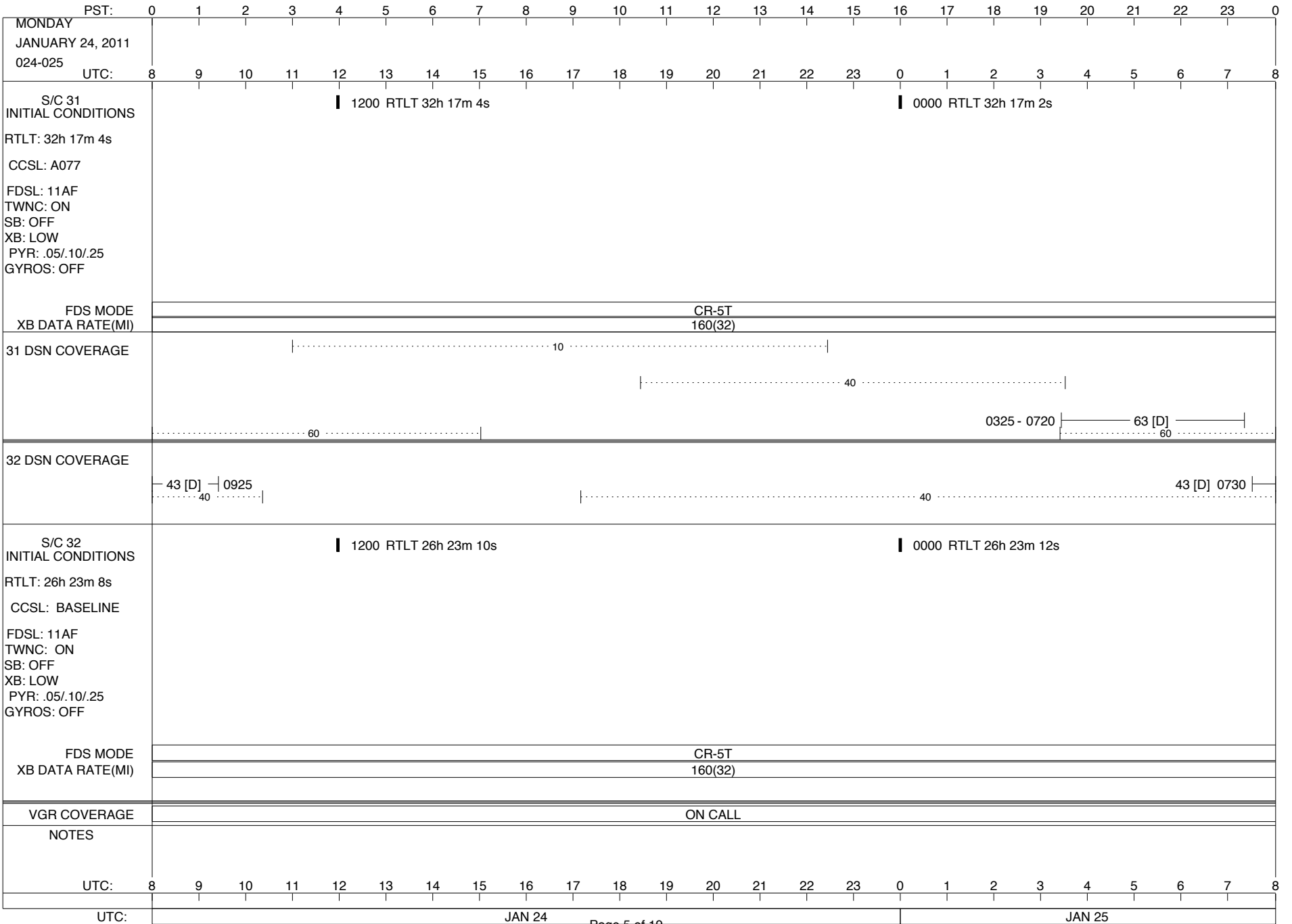
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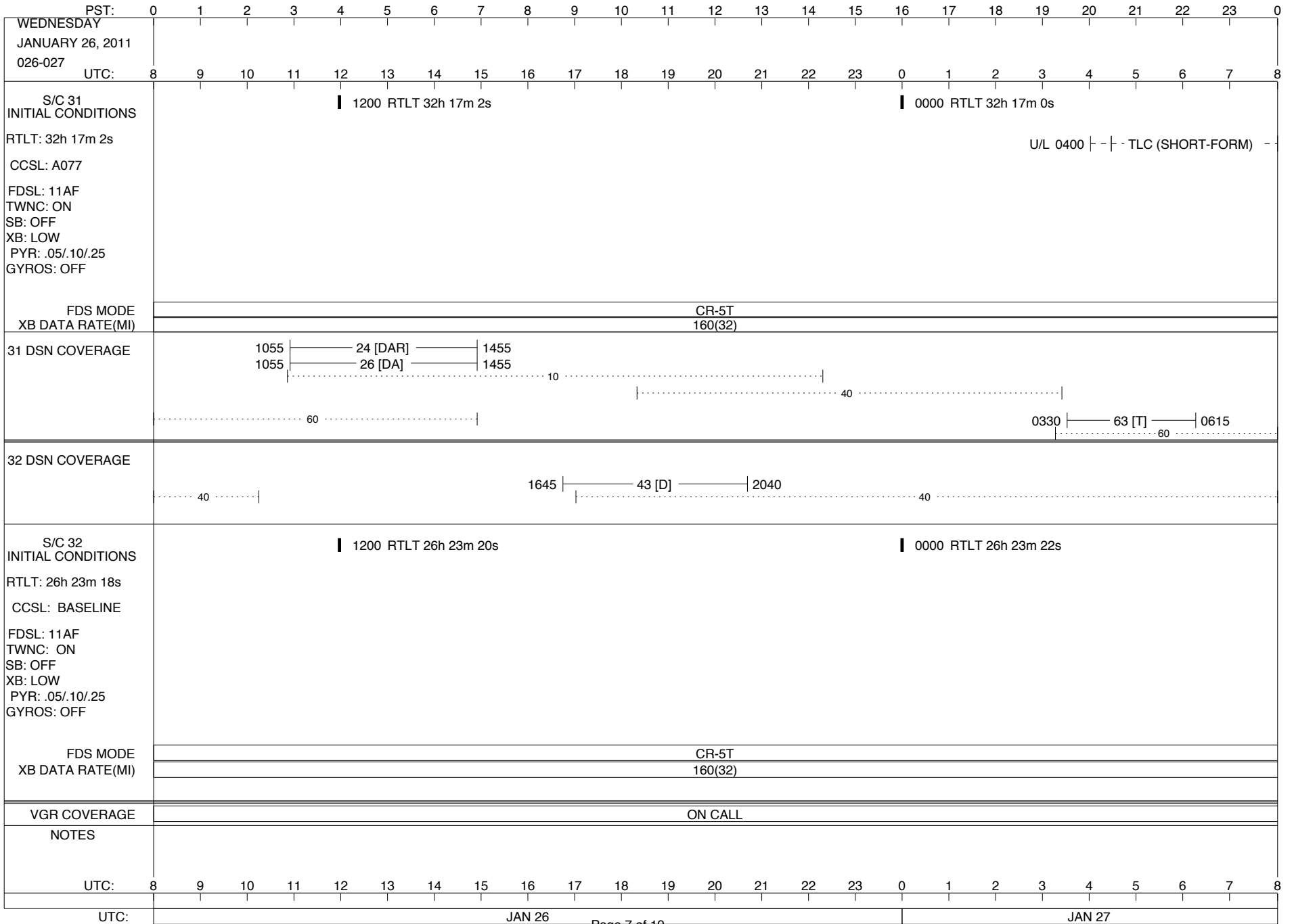
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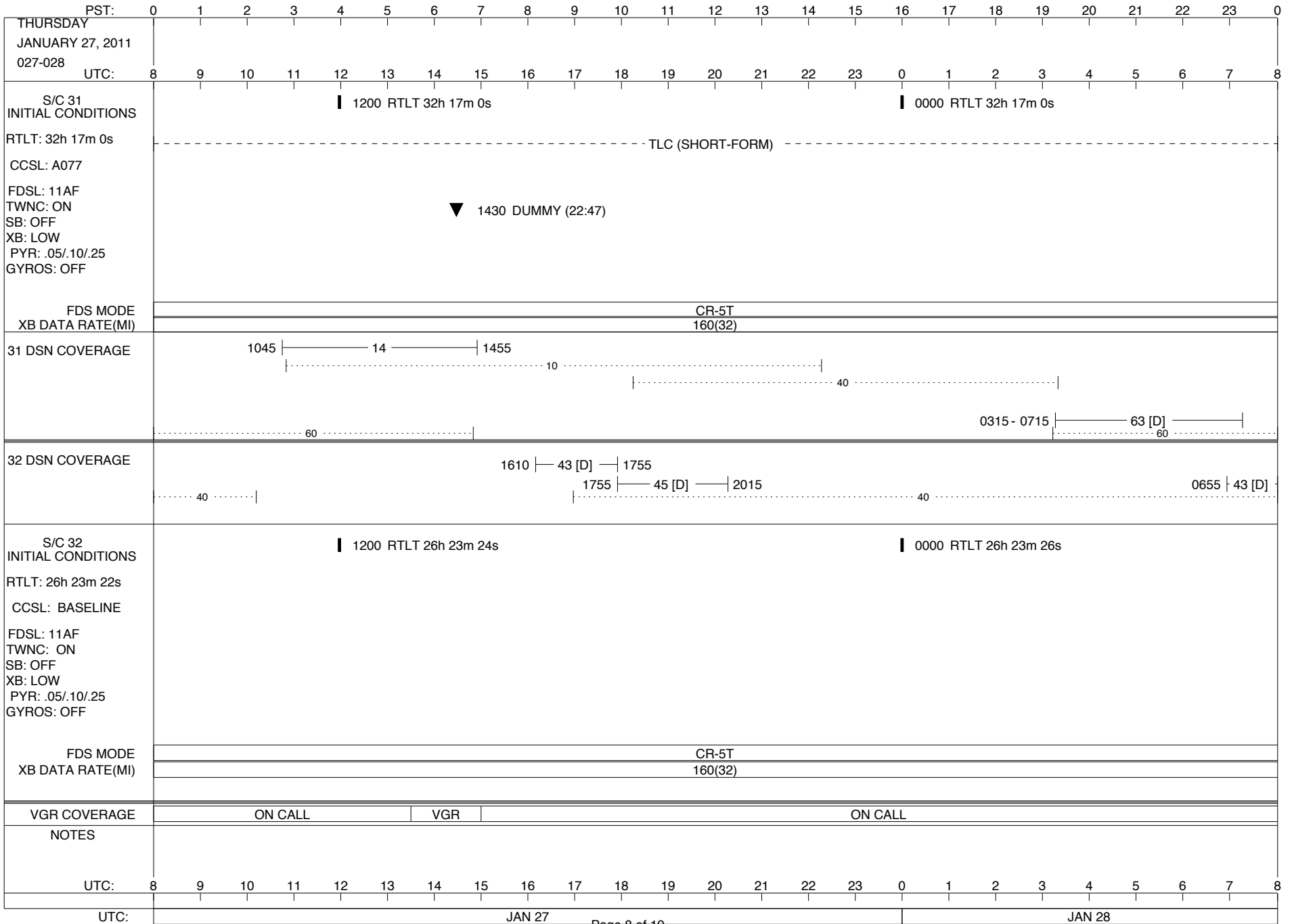
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S/C 31 INITIAL CONDITIONS RTLT: 32h 17m 2s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF				1200 RTLT 32h 17m 2s												0000 RTLT 32h 17m 2s																																																																																																																																																																																																																																																																																													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)												CR-5T 160(32)																																																																																																																																																																																																																																																																																															
31 DSN COVERAGE		1040 ----- 14 [D] ----- 1450 ----- 10 ----- ----- 40 ----- ----- 60 -----																																																																																																																																																																																																																																																																																																											
32 DSN COVERAGE		43 [D] ----- 1105 ----- 40 -----												1630 ----- 43 [B] ----- 1940 ----- 40 -----																																																																																																																																																																																																																																																																																															
S/C 32 INITIAL CONDITIONS RTLT: 26h 23m 12s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF				1200 RTLT 26h 23m 14s												0000 RTLT 26h 23m 18s																																																																																																																																																																																																																																																																																													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)																																																																																																																																																																																																																																																																																																											
VGR COVERAGE		ON CALL												VGR				ON CALL																																																																																																																																																																																																																																																																																											
NOTES		[1] S/C 31=GS-4B @ 2139 XB=2.8K(41) NOT RECOVERABLE																																																																																																																																																																																																																																																																																																											
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UTC:		JAN 25																JAN 26																																																																																																																																																																																																																																																																																											

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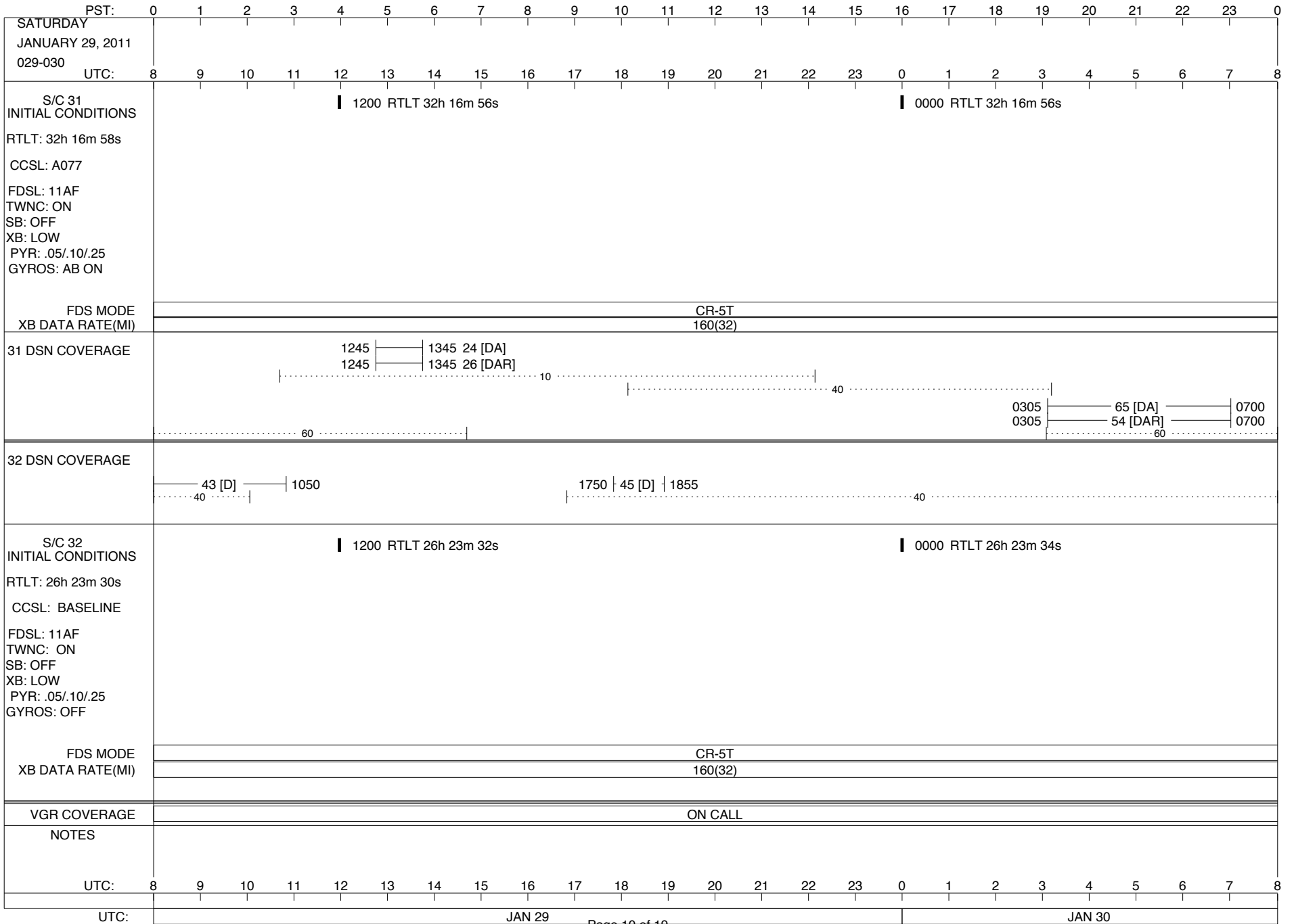
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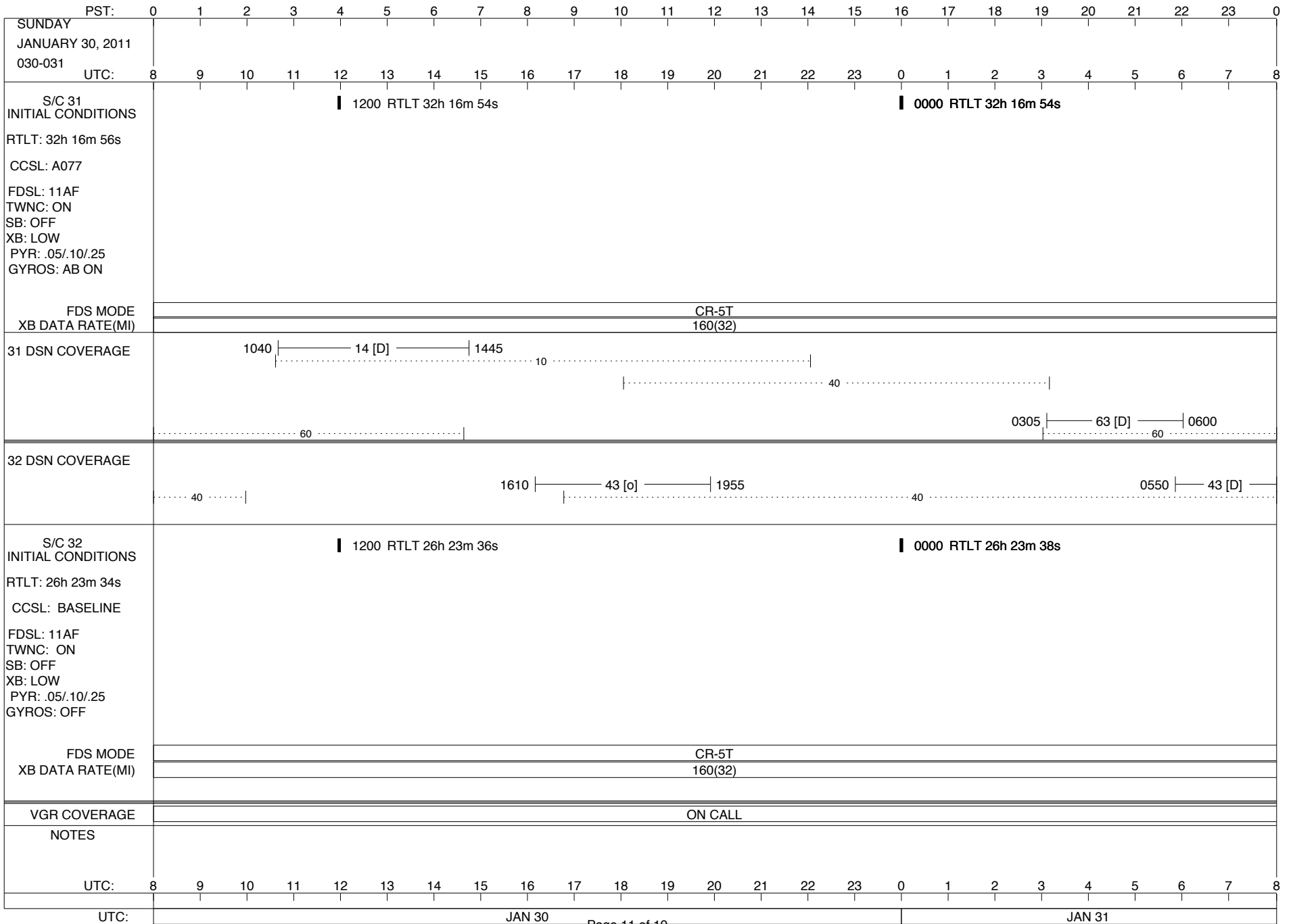
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FRIDAY JANUARY 28, 2011 028-029	PST: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0																							
UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8																								
S/C 31 INITIAL CONDITIONS RTLT: 32h 17m 0s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 16m 58s												0000 RTLT 32h 16m 58s											
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)											
31 DSN COVERAGE	<p>1030 ----- 14 [D] ----- 1445</p> <p>..... 10 40</p> <p>..... 60</p> <p>..... 0310 ----- 63 [D] ----- 0605</p> <p>..... 60</p>																							
32 DSN COVERAGE	<p>..... 43 [D] ----- 1055</p> <p>..... 40 40 0650 ----- 43 [D] ----- </p>																							
S/C 32 INITIAL CONDITIONS RTLT: 26h 23m 26s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 26h 23m 28s												0000 RTLT 26h 23m 30s											
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																							
VGR COVERAGE	ON CALL								VGR								ON CALL							
NOTES	[1] S/C 31=GS-4B @ 0338 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 28	Page 9 of 19												JAN 29											

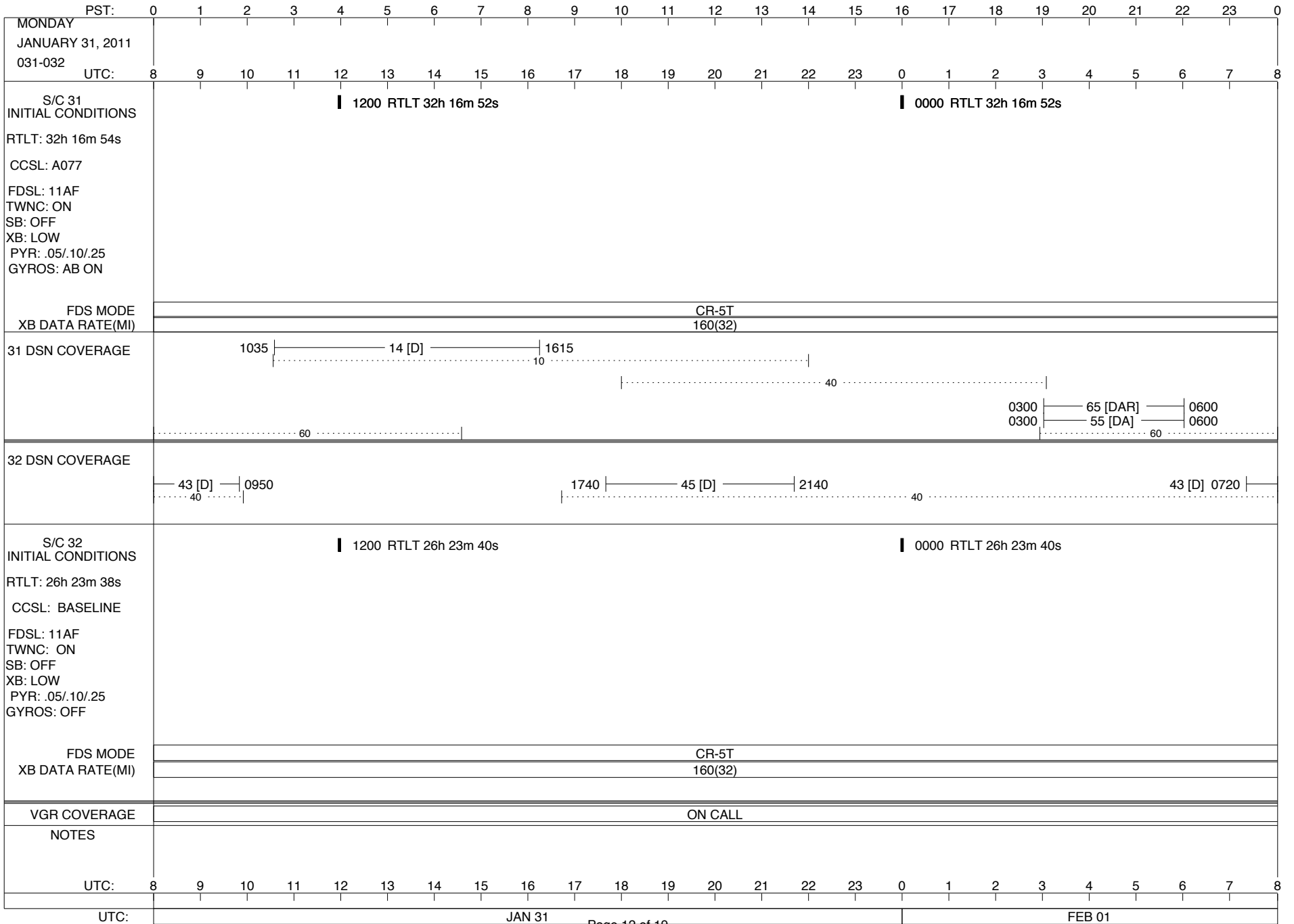
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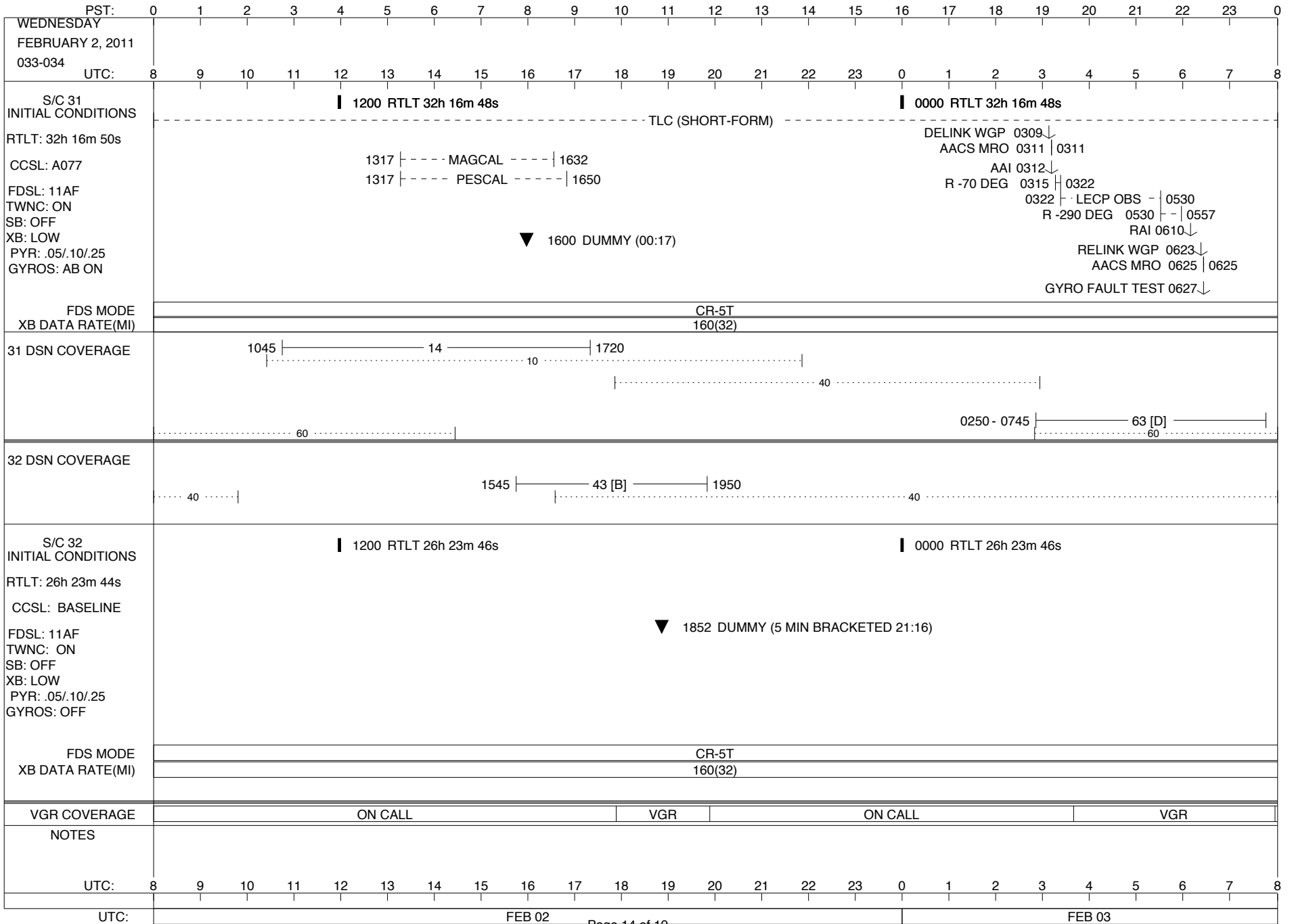
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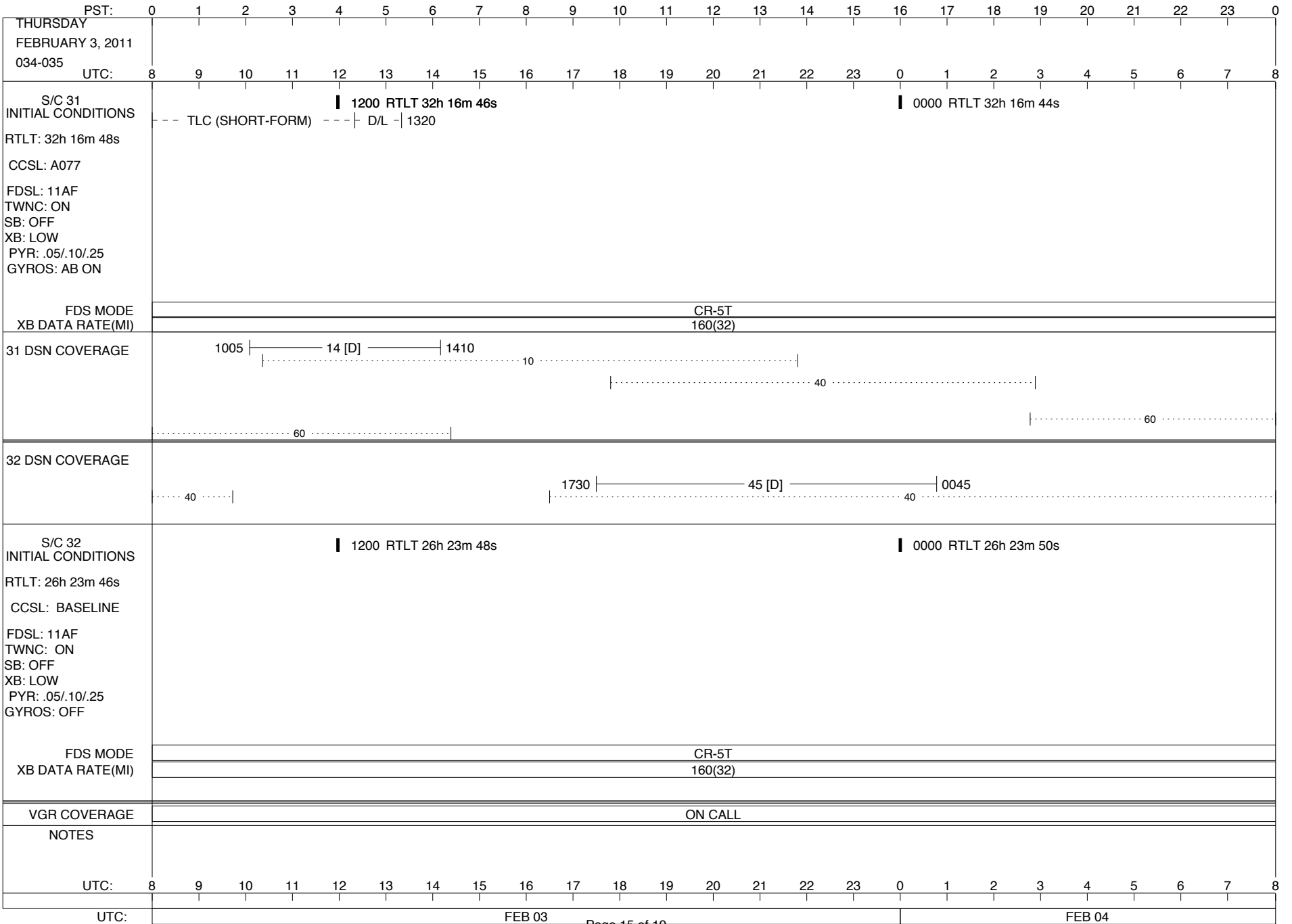
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S/C 31 INITIAL CONDITIONS RTLTL: 32h 16m 52s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AB ON	█ 1200 RTLTL 32h 16m 50s												█ 0000 RTLTL 32h 16m 50s												
	↓ 1257 GYRO INIT												2115 2115 PWS/RH												
													↓ 2115 GS-4B 2115												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	1010 ----- 14 [D] ----- 1430												0310 ----- 63 [T] ----- 0600												
32 DSN COVERAGE	43 [D] ----- 1040												1550 ----- 43 [D] ----- 2040												
S/C 32 INITIAL CONDITIONS RTLTL: 26h 23m 40s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 26h 23m 42s												█ 0000 RTLTL 26h 23m 44s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 2115 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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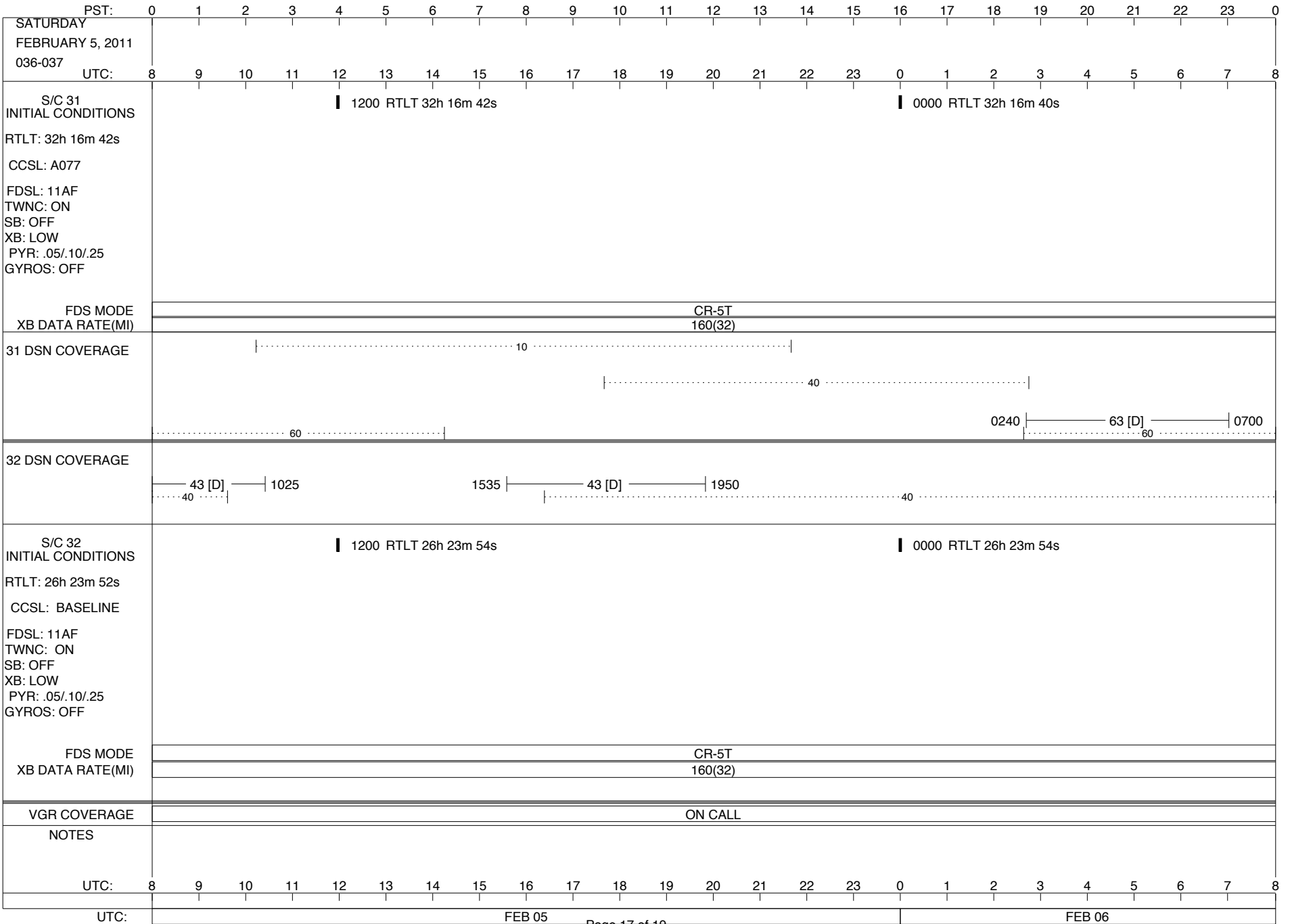


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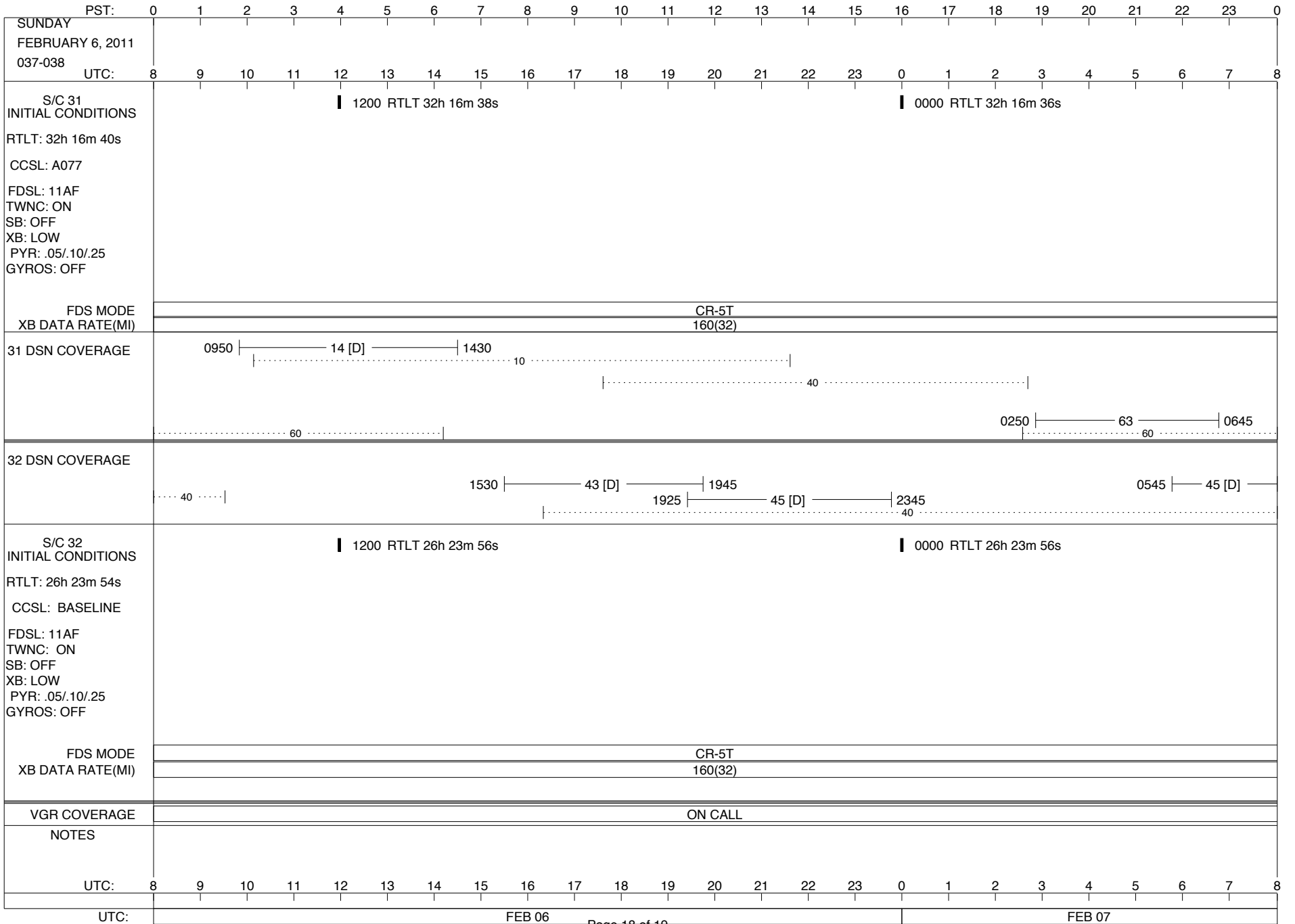


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S/C 31 INITIAL CONDITIONS RTLT: 32h 16m 44s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AB ON	1200 RTLT 32h 16m 44s ↓ 1251 BAY 1 HTR OFF ↓ 1255 X/B HI POWER ↓ 1307 AAI 1310 ----- MAGROL ----- 1906												0000 RTLT 32h 16m 42s 0012 0026 TAPPOS 0314 0315 PWS/RH 0522 0522 TAPPOS ↓ 1858 RAI ↓ 1906 GYROS OFF ↓ 1906 CRU ↓ 1920 X/B LOW POWER ↓ 1924 BAY 1 HTR ON ↓ 0314 GS-4B 0315															
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: 26h 23m 50s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 26h 23m 50s												0000 RTLT 26h 23m 52s															
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 D/L AGC & SNR VARIATIONS EXPECTED DURING MAGROL (1310-1906) [2] S/C 31=GS-4B @ 0314 XB=2.8K(41) NOT RECOVERABLE																											
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FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	<div style="text-align: center;"> </div>																								
32 DSN COVERAGE	<div style="text-align: center;"> </div>																								
S/C 32 INITIAL CONDITIONS RTLT: 26h 23m 56s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> </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
UTC:	FEB 07												FEB 08												