

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: January 23, 2008

For the Period: 01/24/08 to 02/25/08 (08-024 – 08-056)

DSN OPSCHIEF (1) 230-102

SCIENCE

FLIGHT TEAM (15) 600-100

DSOT (1) 230-102

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 *Donald-Gurnett@uiowa.edu

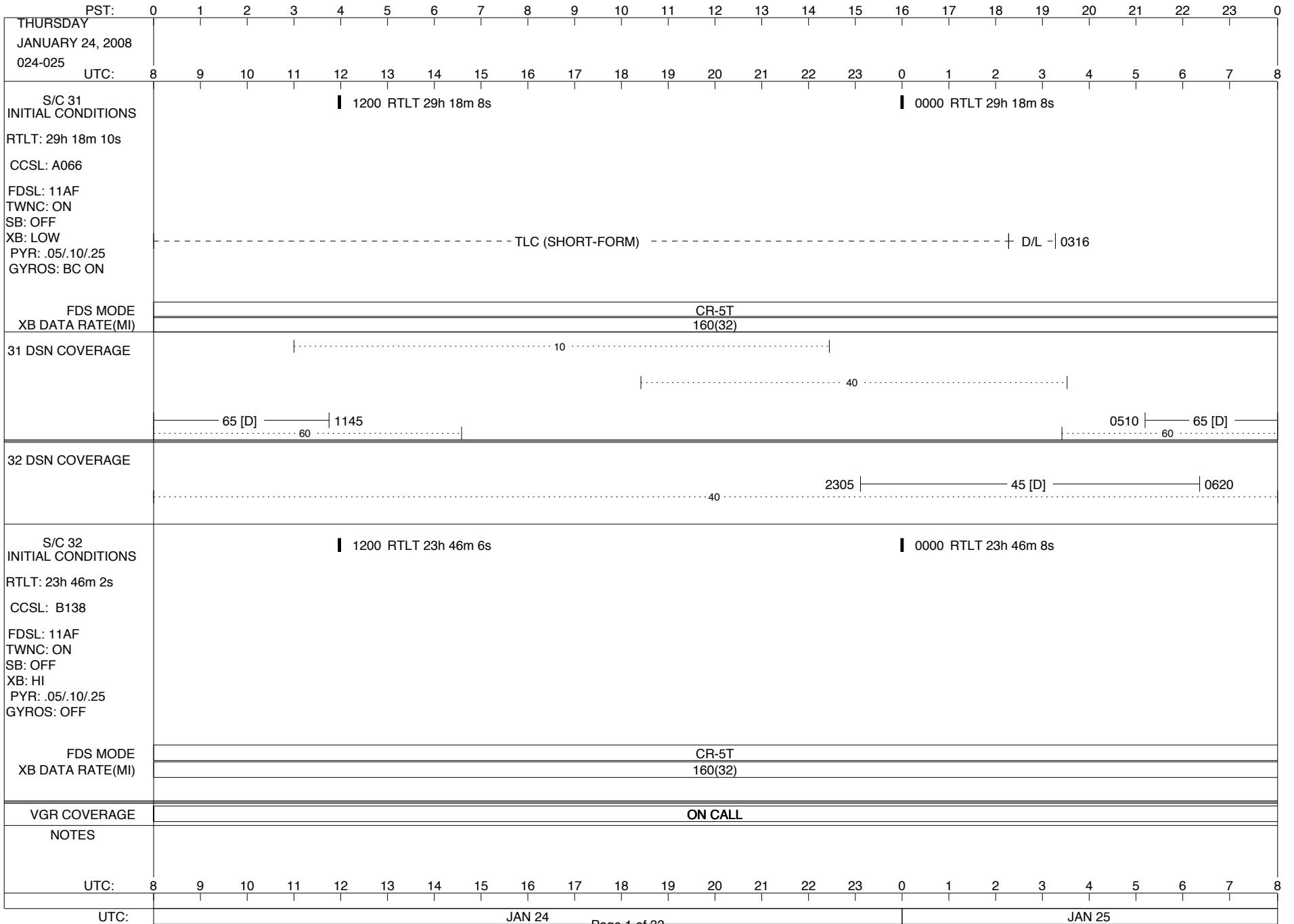
Hall, J.
 Howard, S. (3)
 Jaeger, J.
 Ludwig, R. (2)
 Massey, Ed
 Matsumoto, S.
 Medina
 Peralta, F.
 Poynter, R.
 Weeks, T.
 Wong, R.
 Zottarelli, L.
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 * Peter.T.Poon@jpl.nasa.gov
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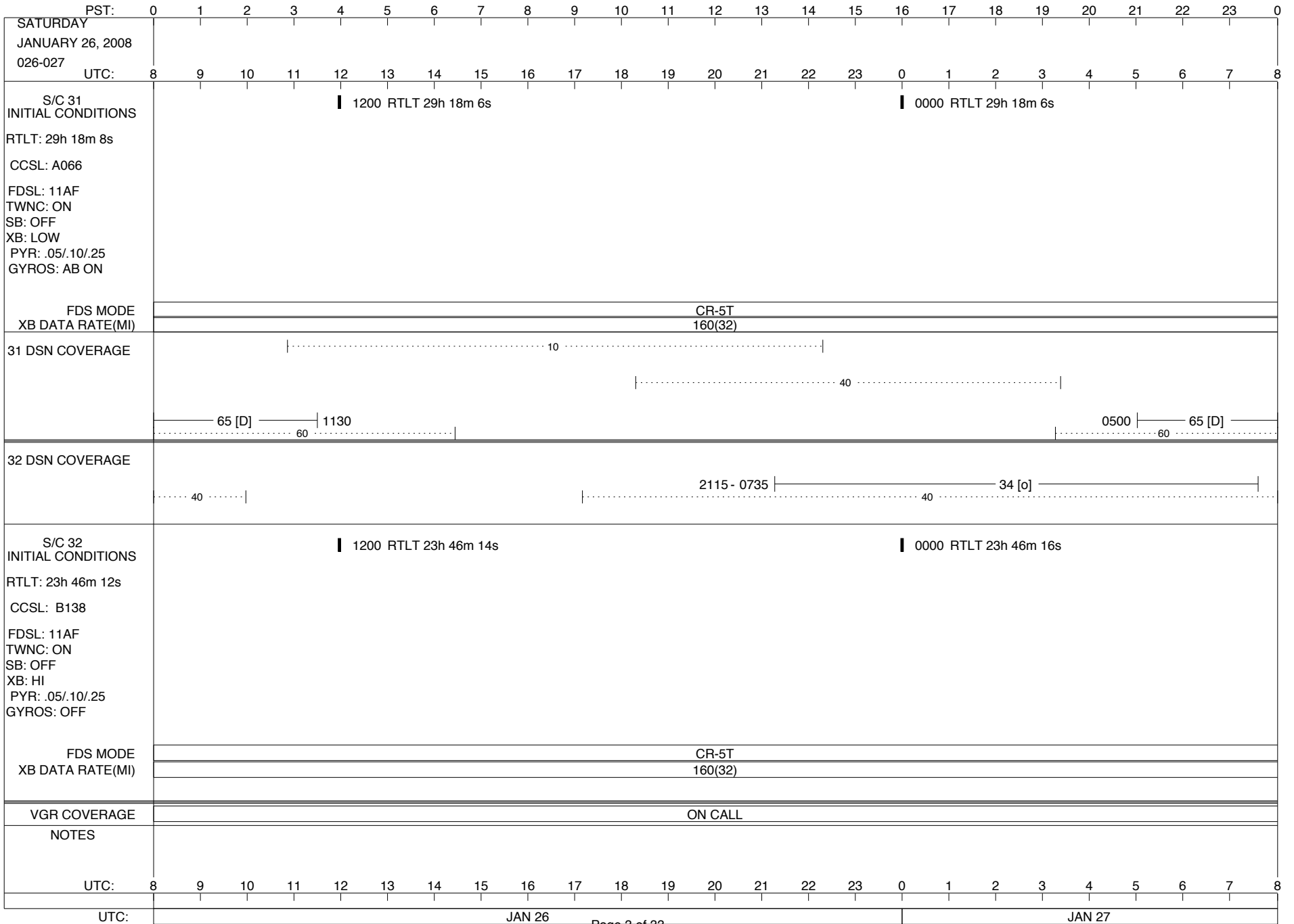
LEGEND: ∇ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink only pass
 [o] = Ramp-through

*Electronic Copy Only
 (16 – Dist/N: Paper Copies)
 01/10/08

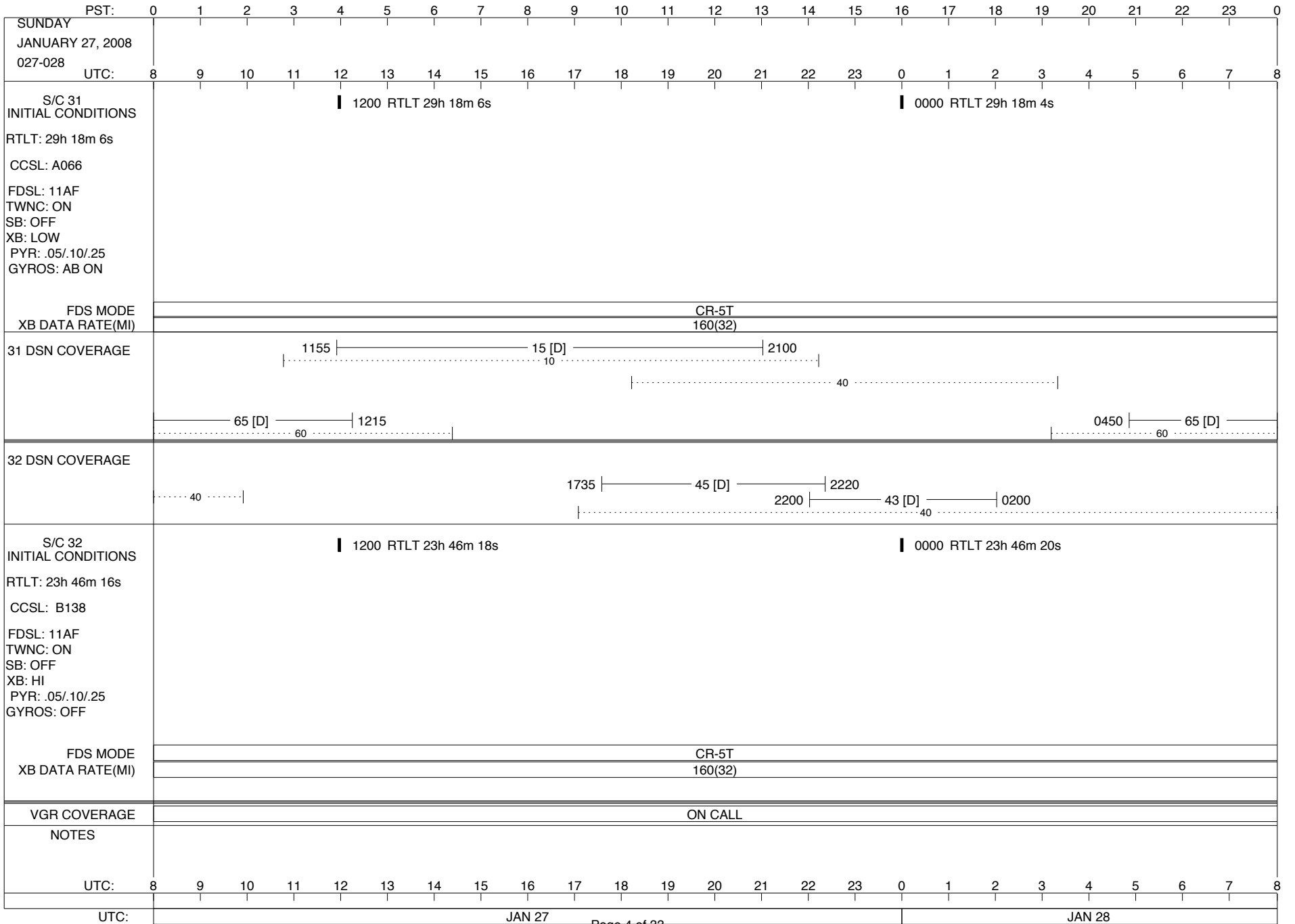


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S/C 31 INITIAL CONDITIONS RTLTL: 29h 18m 8s CCSL: A066 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON		█ 1200 RTLTL 29h 18m 8s												█ 0000 RTLTL 29h 18m 8s																						
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)												CR-5T 160(32)																						
31 DSN COVERAGE		<p>1220 ----- 15 [D] ----- 1535</p> <p>1515 ----- 25 [D] ----- 1955</p> <p>65 [D] ----- 1220</p> <p>0500 ----- 65 [D]</p>																																		
32 DSN COVERAGE		<p>1800 ----- 43 [Bo] ----- 0350</p>																																		
S/C 32 INITIAL CONDITIONS RTLTL: 23h 46m 8s CCSL: B138 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF		█ 1200 RTLTL 23h 46m 10s												█ 0000 RTLTL 23h 46m 12s																						
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)												CR-5T 160(32)																						
VGR COVERAGE		ON CALL							VGR							ON CALL							VGR							ON CALL						
NOTES		[1] S/C 31=GS-4B @ 0409 XB=2.8K(41) NOT RECOVERABLE																																		
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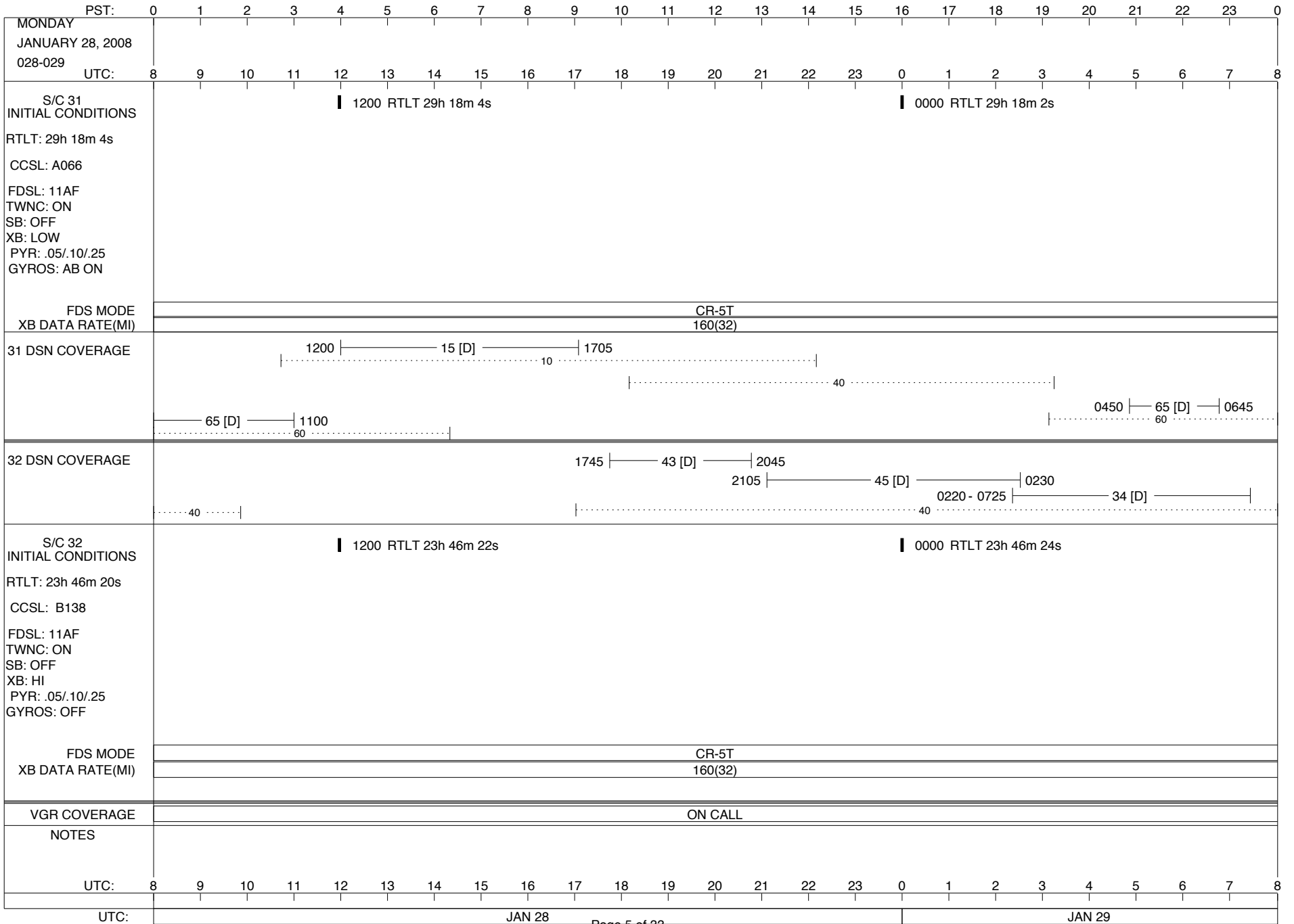
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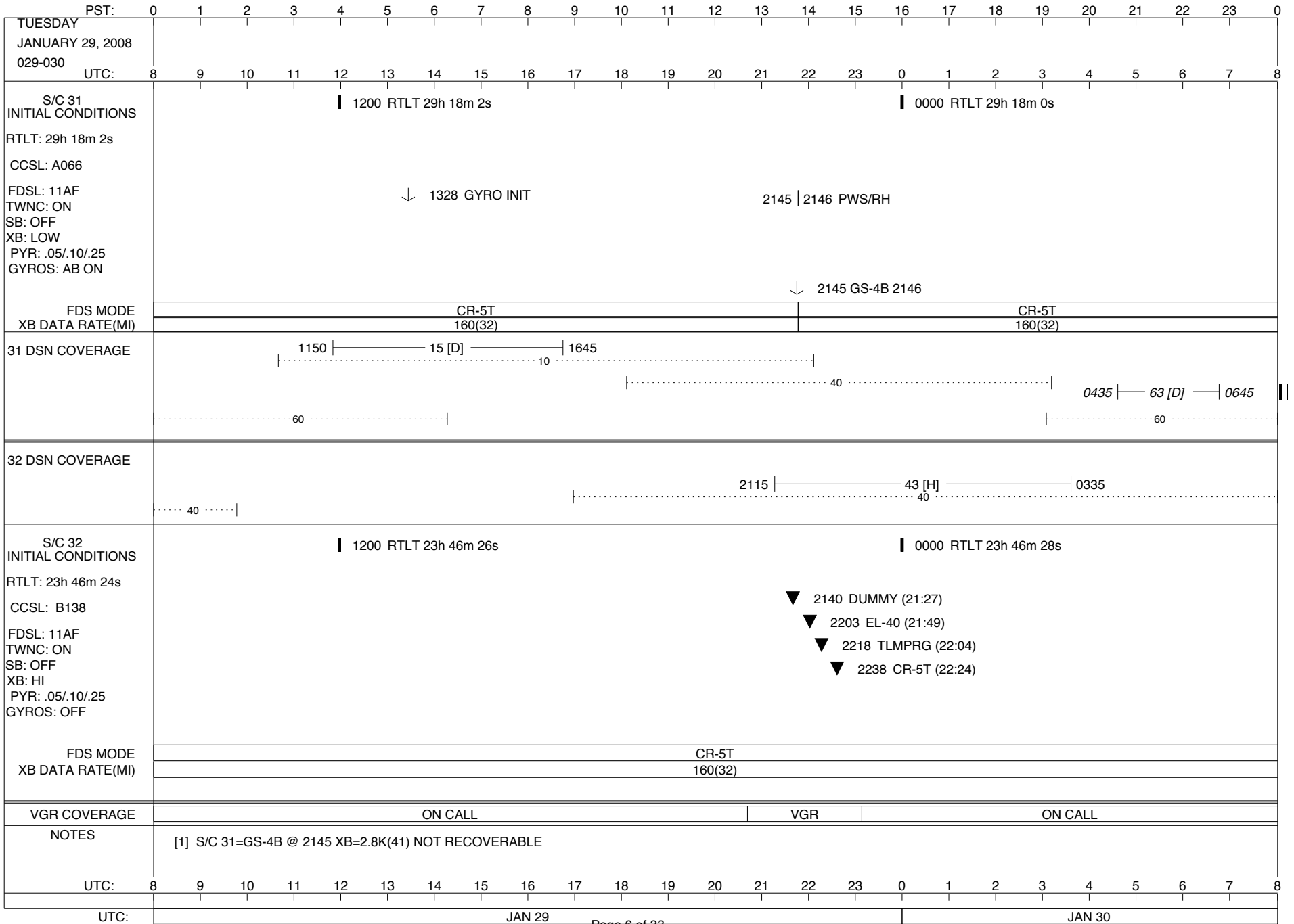


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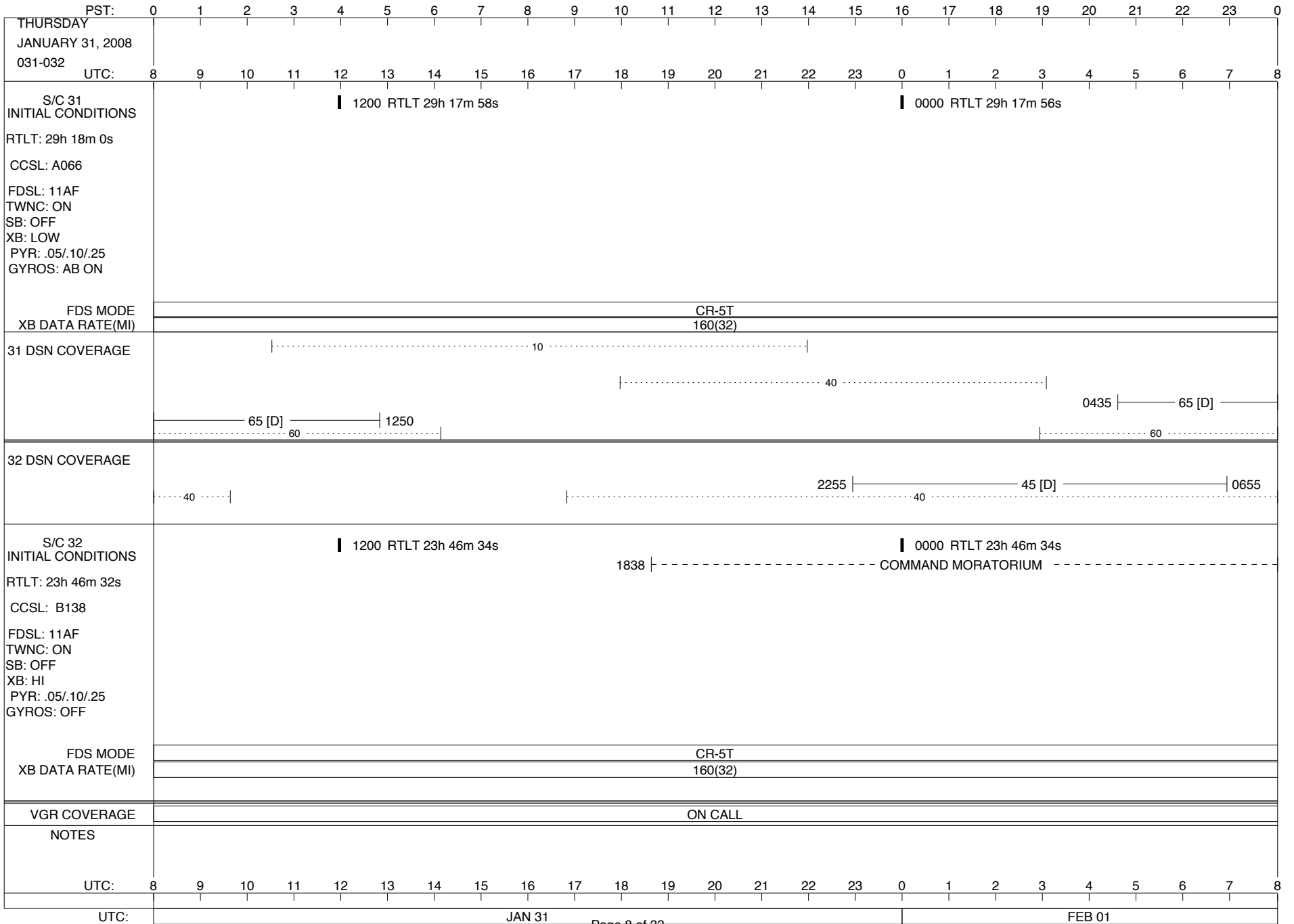


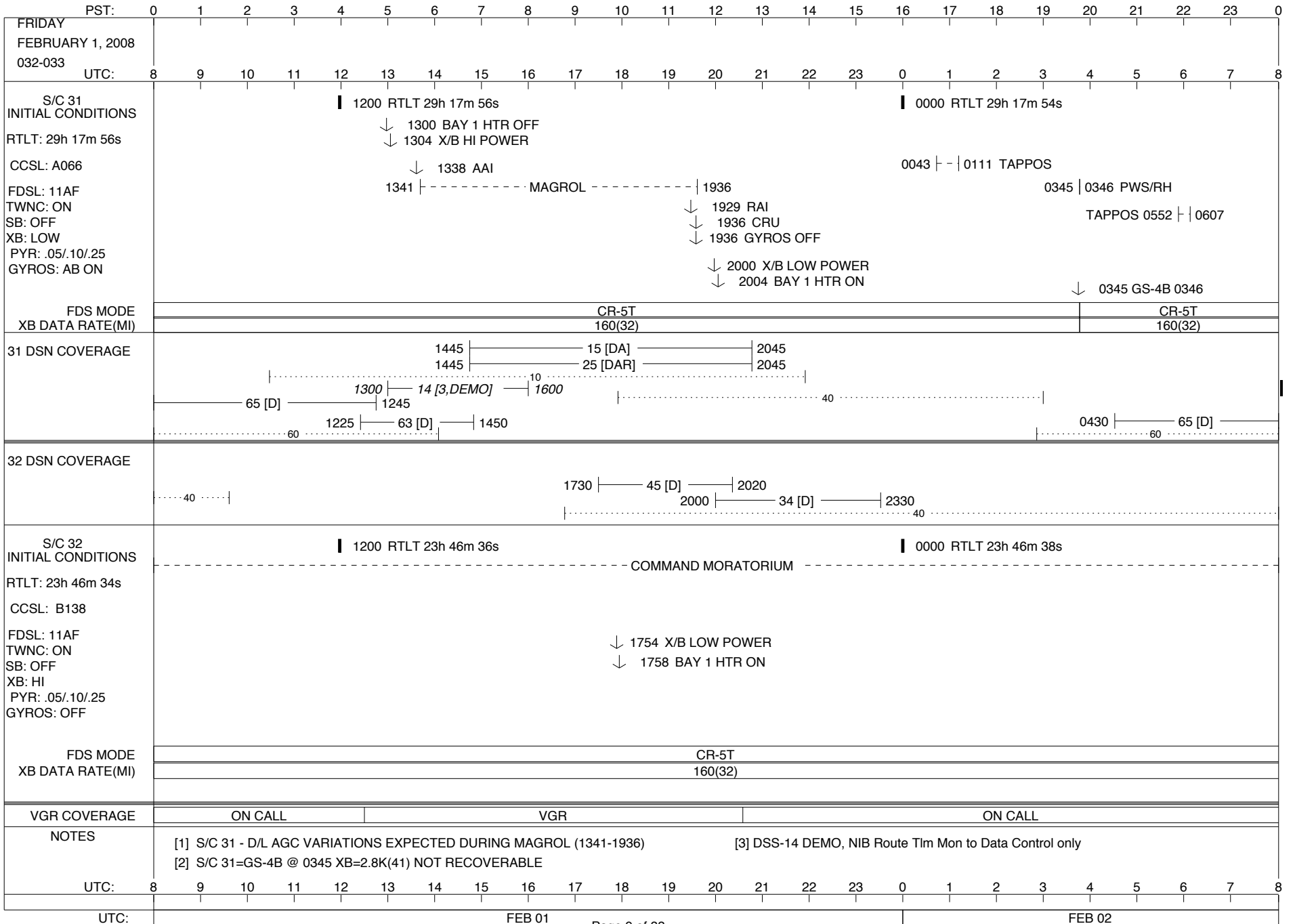
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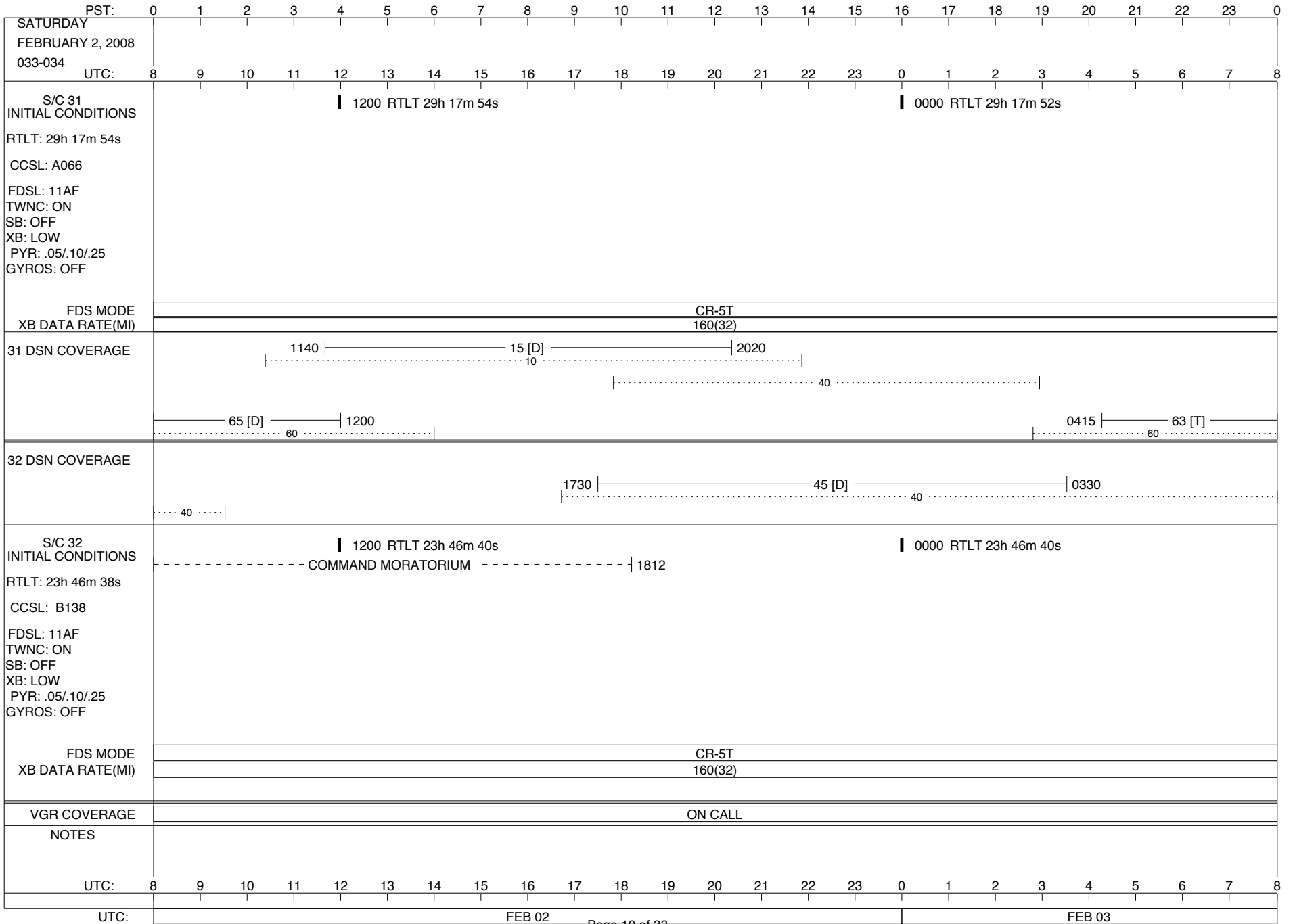


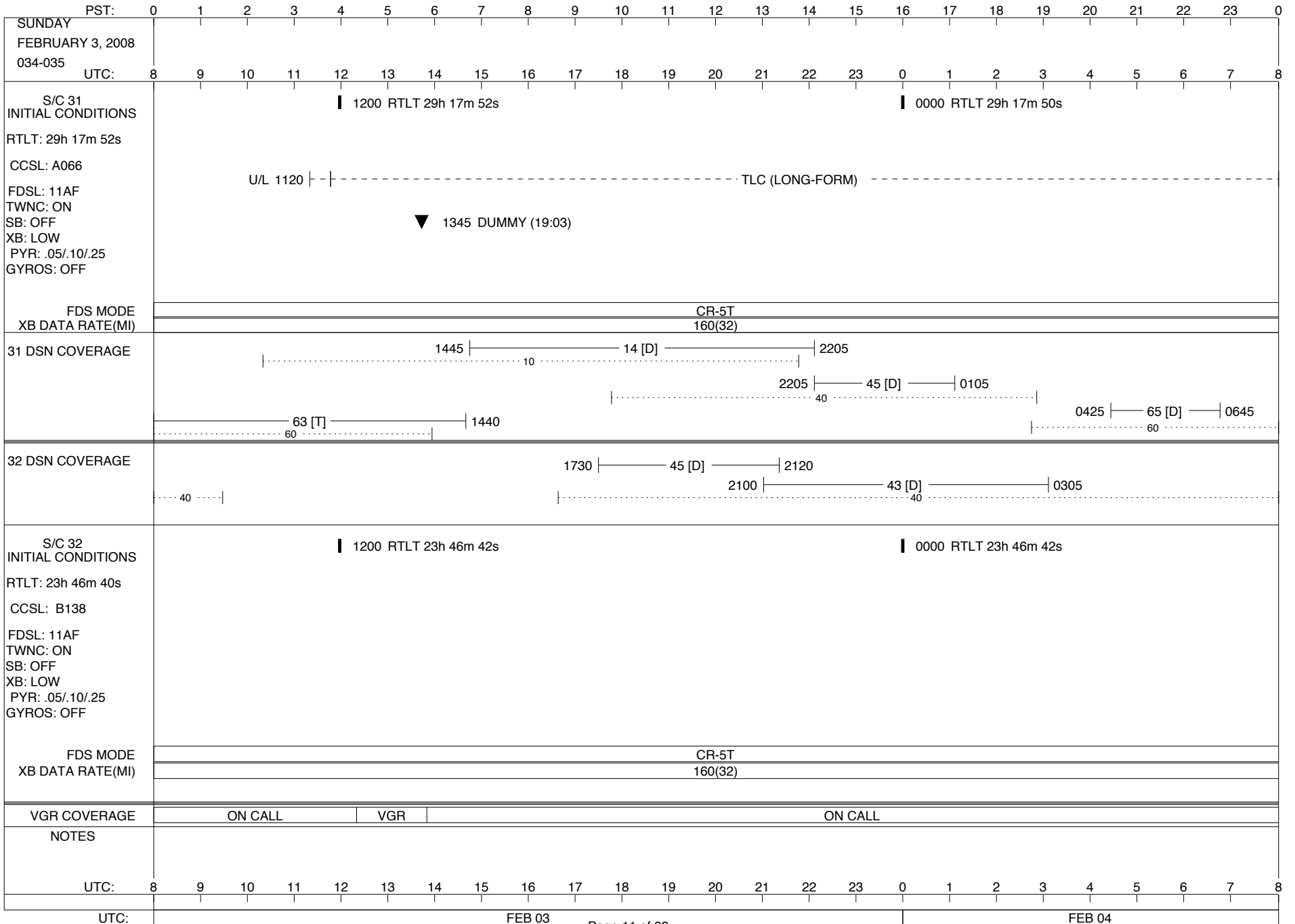


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FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	<p>1155 ----- 15 [D] ----- 1800 ----- 10 ----- ----- 40 ----- ----- 60 ----- ----- 0440 ----- 65 [D] ----- ----- 60 ----- </p>																								
32 DSN COVERAGE	<p>..... ----- 40 ----- ----- 1900 ----- 43 [D] ----- 40 ----- 0155 ----- 40 ----- </p>																								
S/C 32 INITIAL CONDITIONS RTLTL: 23h 46m 28s CCSL: B138 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 23h 46m 30s												IMPLEMENT ECR 105775 2105 2114 * 2149 EL-40 ↓ * * TLMPRG 2205 ↓ * * CR-5T 2224 ↓ * * 0015 EH-12 ↓ AACS MRO 0030 0050 CCS MRO 0050 0101 CCS MRO 0101 0114 ↓ 0114 CR-5T												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)				CR-5T 160(32)								
VGR COVERAGE	ON CALL								VGR								ON CALL								
NOTES	[1] S/C 32=EL-40 @ 2149 XB=40(30) [2] S/C 32=CR-5T @ 2224 XB=160(32)												[3] S/C 32=EH-12 @ 0015 XB=1.2K(39) [4] S/C 32=CR-5T @ 0114 XB=160(32)												
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 30												JAN 31												

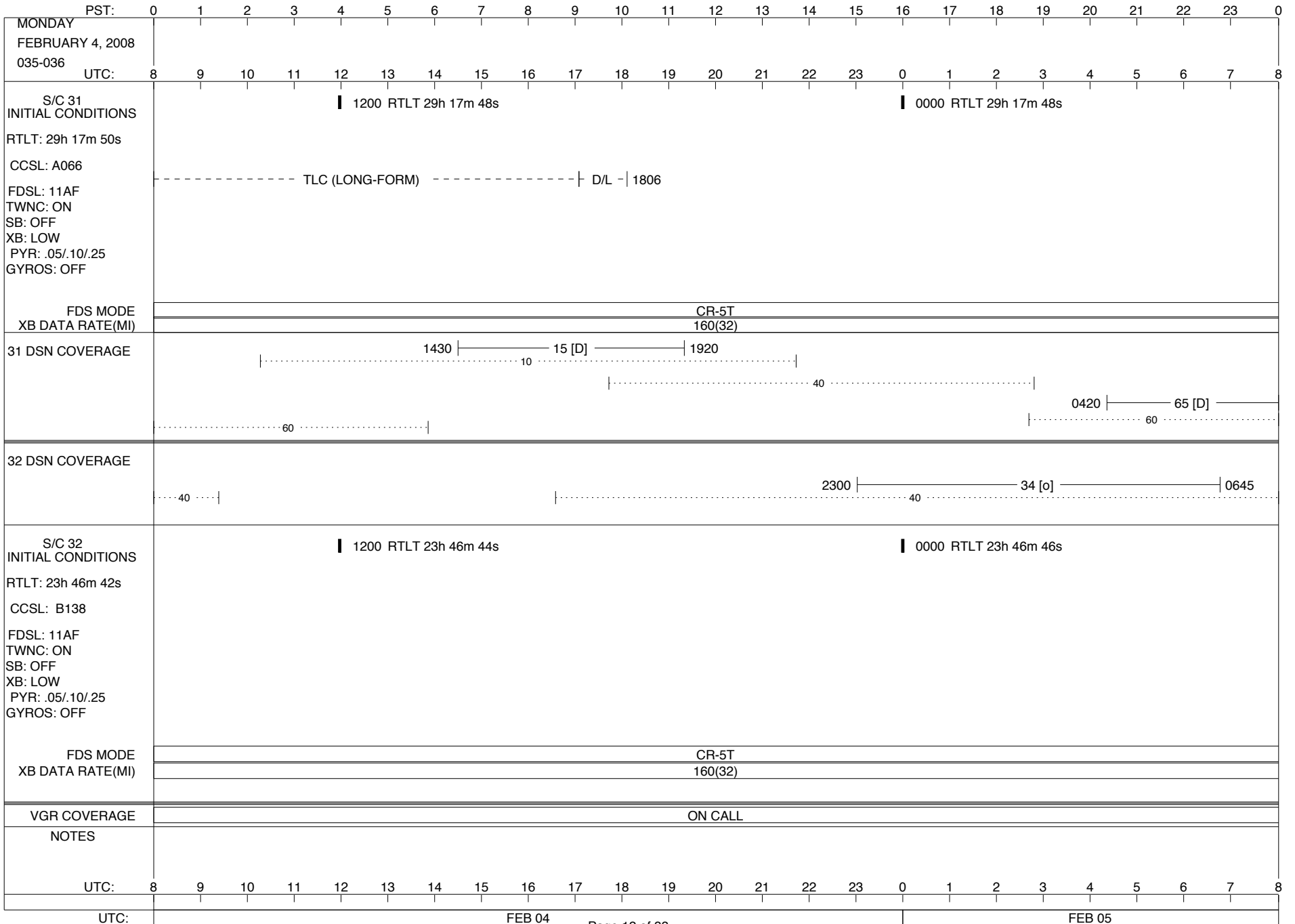


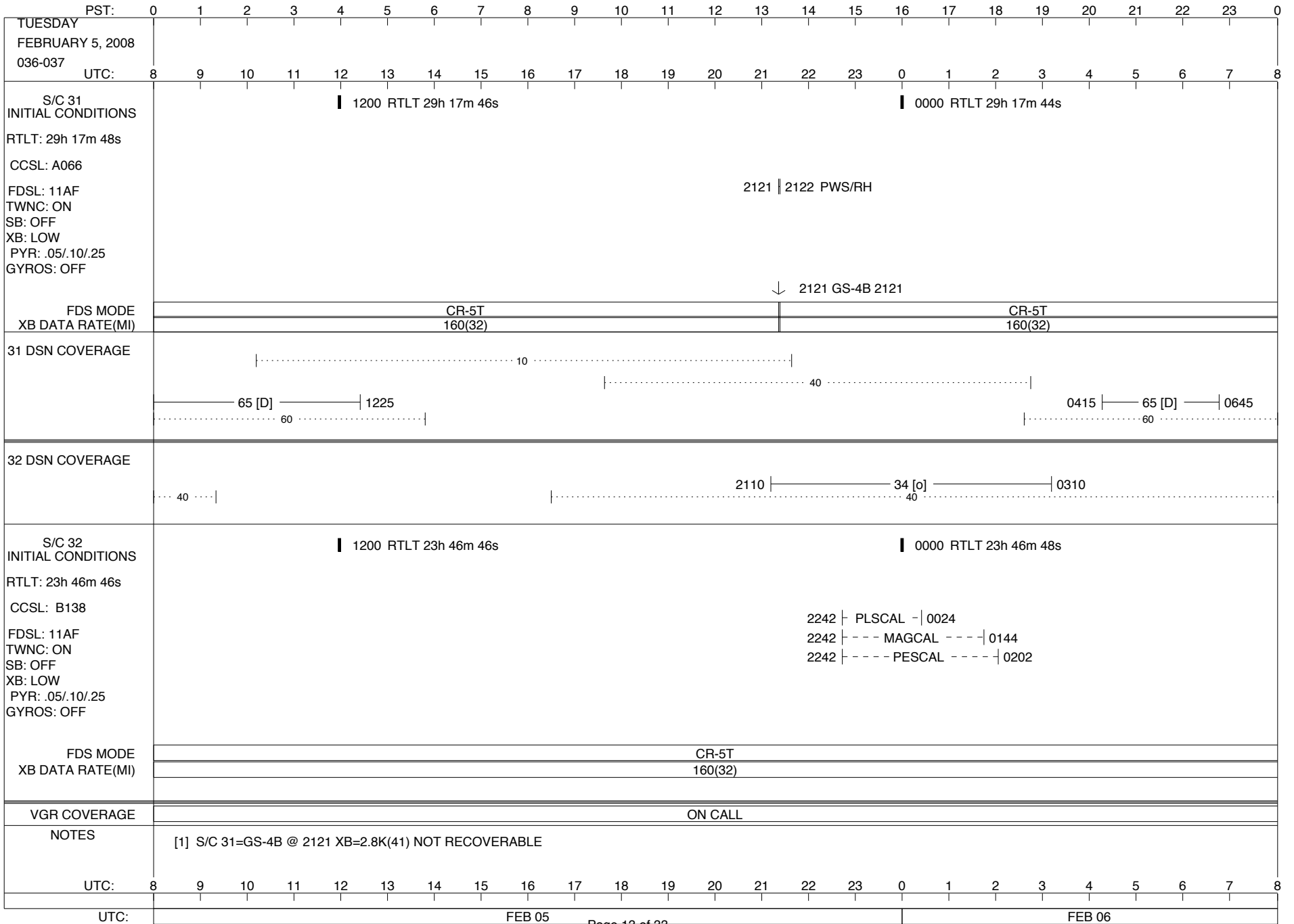






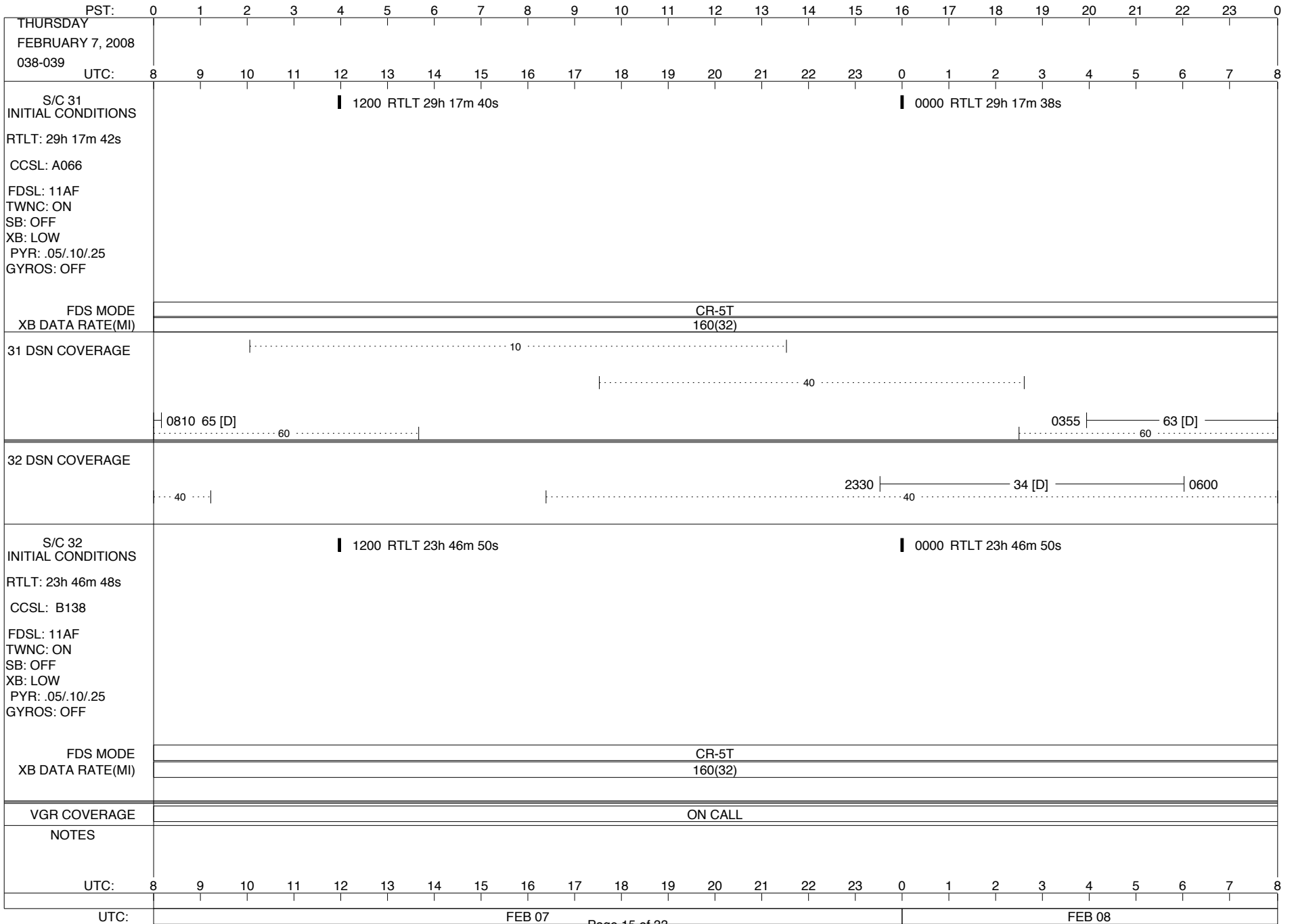
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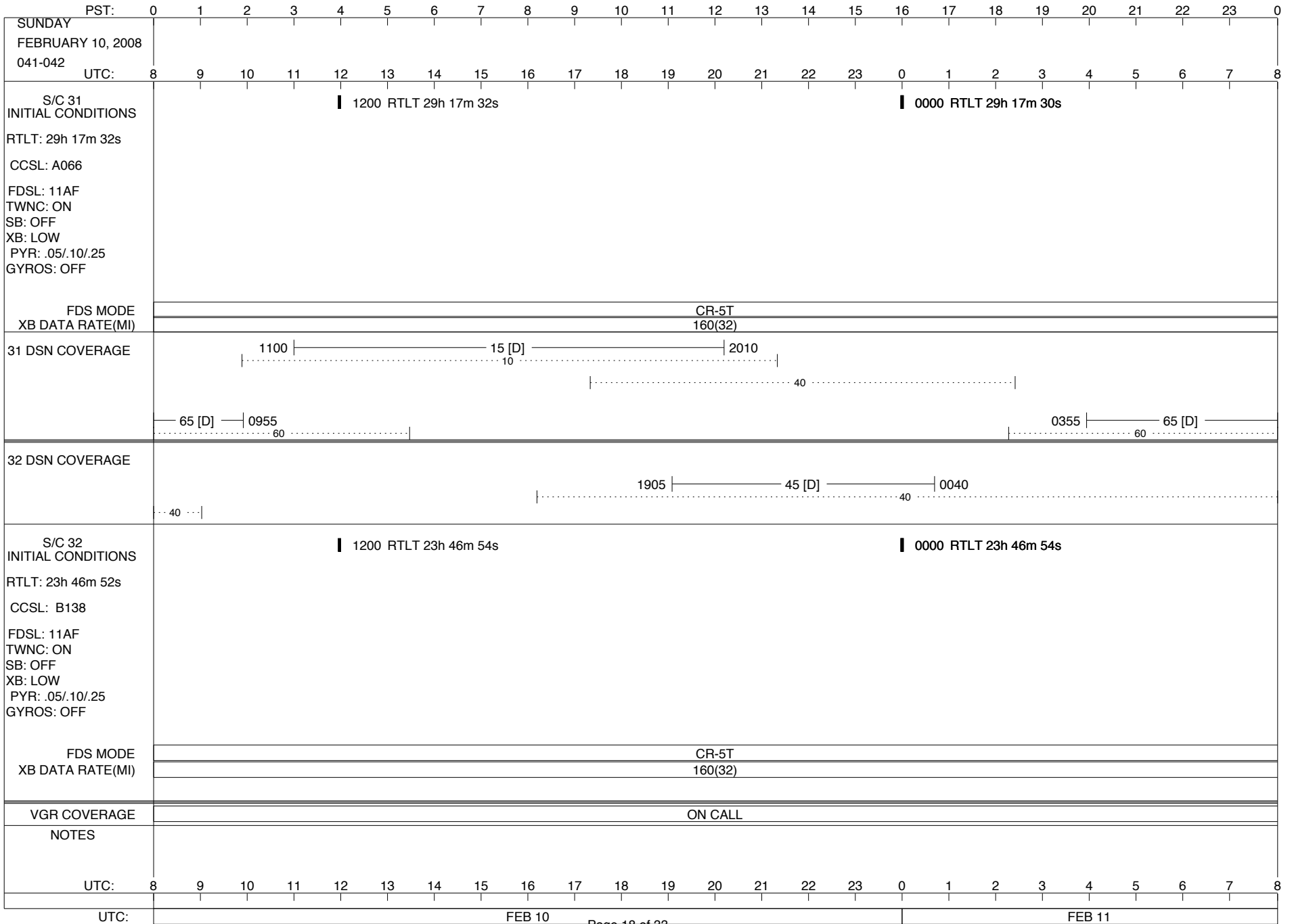
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FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLTL: 23h 46m 48s CCSL: B138 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: 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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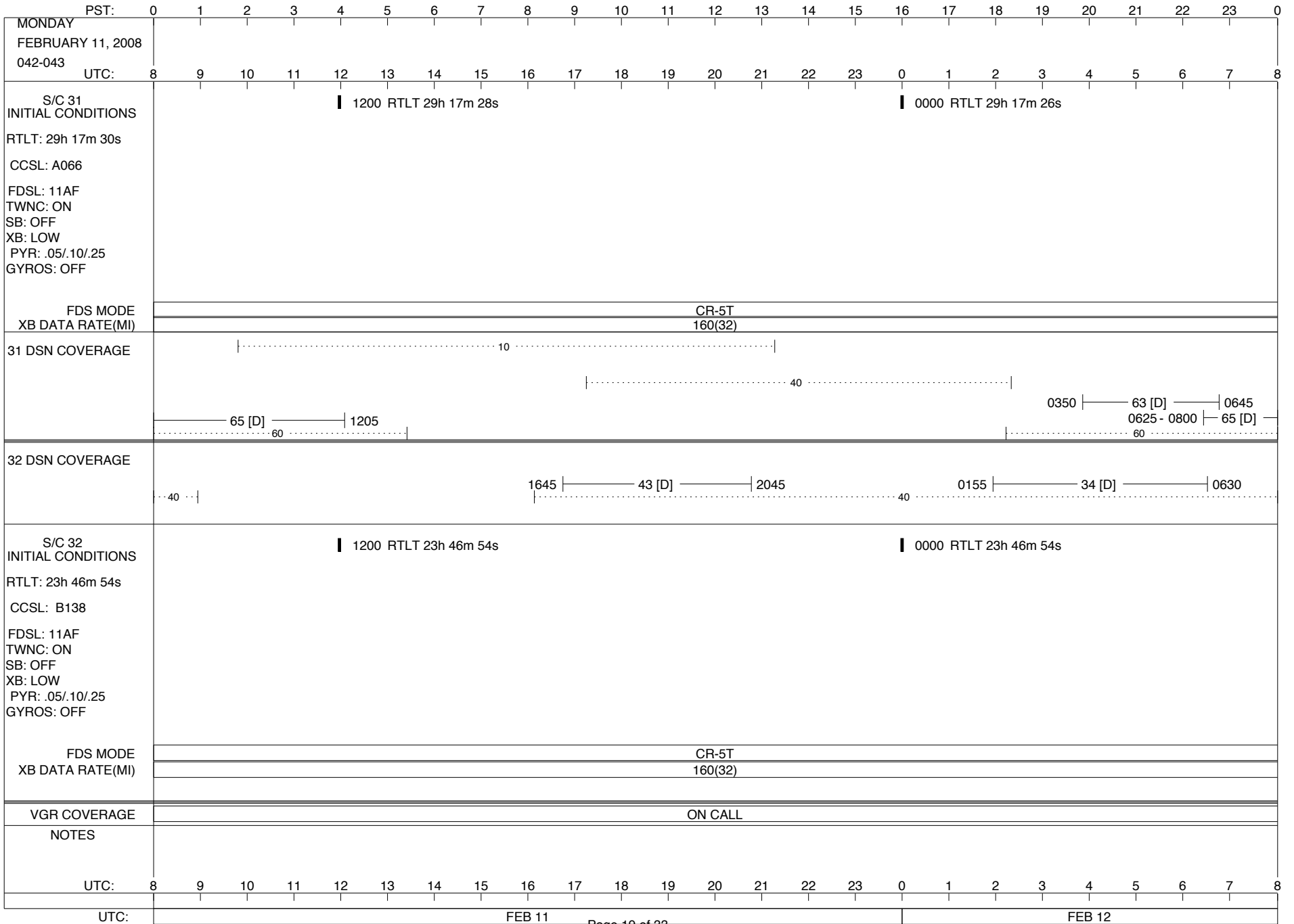
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S/C 31 INITIAL CONDITIONS RTLTL: 29h 17m 38s CCSL: A066 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 29h 17m 38s													█ 0000 RTLTL 29h 17m 36s																			
FDS MODE	CR-5T													CR-5T																			
XB DATA RATE(MI)	160(32)													160(32)																			
31 DSN COVERAGE	<p>1120 ----- 15 [D] ----- 1610</p> <p>..... ----- 10 ----- </p> <p>..... ----- 40 ----- </p> <p>0810 63 [D] ----- 60 ----- </p> <p>..... ----- 0405 ----- 65 [D] ----- </p> <p>..... ----- 60 ----- </p>																																
32 DSN COVERAGE	<p>..... ----- 40 ----- </p> <p>..... ----- 1830 ----- 45 [D] ----- 2155</p> <p>..... ----- 2135 ----- 40 ----- 43 [H] ----- 0445</p> <p>..... ----- 40 ----- </p>																																
S/C 32 INITIAL CONDITIONS RTLTL: 23h 46m 50s CCSL: B138 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 23h 46m 52s													█ 0000 RTLTL 23h 46m 52s																			
FDS MODE	CR-5T													CR-5T																			
XB DATA RATE(MI)	160(32)													160(32)																			
VGR COVERAGE	ON CALL							VGR							ON CALL							VGR						ON CALL					
NOTES	[1] S/C 31=GS-4B @ 0321 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:	FEB 08													FEB 09																			

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S/C 31 INITIAL CONDITIONS RTLTL: 29h 17m 36s CCSL: A066 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 29h 17m 34s												0000 RTLTL 29h 17m 32s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	1155 ----- 15 [D] ----- 2010 ----- 10 -----												----- 40 ----- 65 [D] ----- 1215 ----- 0400 ----- 65 [D] ----- 60 ----- 60 -----												
32 DSN COVERAGE	1900 ----- 45 [D] ----- 2145 2125 ----- 43 [D] ----- 0530 40 ----- 40 -----																								
S/C 32 INITIAL CONDITIONS RTLTL: 23h 46m 52s CCSL: B138 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 23h 46m 52s												0000 RTLTL 23h 46m 52s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												2242 2247 B139 CCSL CHKSUM EL-40 2215* ↓ ↓ 2315 CR-5T 40(30)												
VGR COVERAGE	ON CALL												VGR ON CALL												
NOTES	[1] S/C 32=EL-40 @ 2215 XB=40(30) [2] S/C 32=CR-5T @ 2315 XB=160(32)																								
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ISSUE DATE: 02/20/08 15:05



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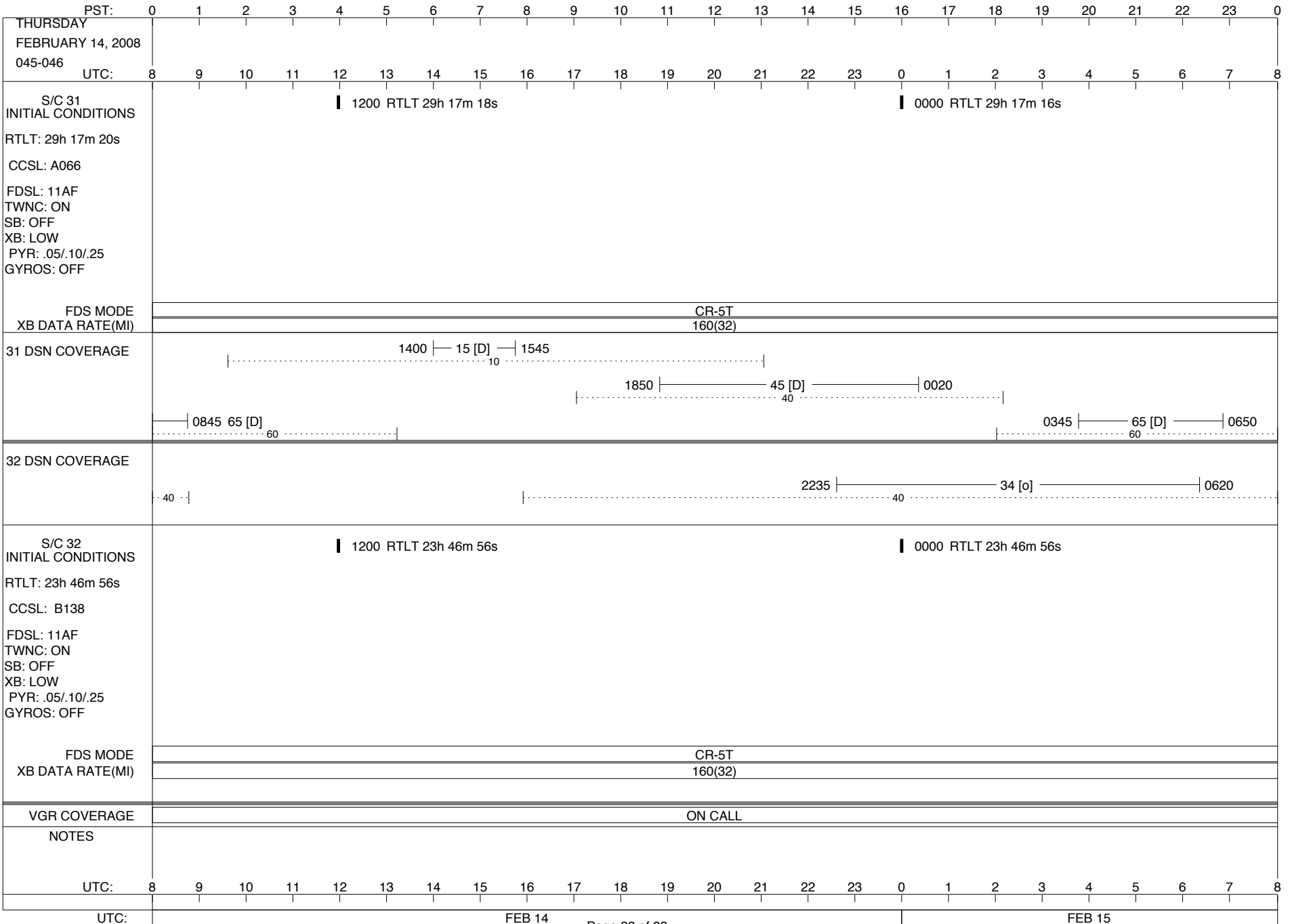
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													2057 2058 PWS/RH													
													↓ 2057 GS-4B 2058													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)													
31 DSN COVERAGE	1055 ----- 15 [D] ----- 1420 1400 --- 14 [D] --- 1545 10												0800 65 [D] 40 60 0350 ----- 65 [D] ----- 60													
32 DSN COVERAGE	1630 ----- 43 [D] ----- 1910 40 ..												2220 ----- 43 [D2] ----- 0425 0405 --- 34 [D] --- 0530 0515 ----- 45 [D] ----- 40													
S/C 32 INITIAL CONDITIONS RTLTL: 23h 46m 54s CCSL: B138 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 23h 46m 54s												█ 0000 RTLTL 23h 46m 54s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																									
VGR COVERAGE													ON CALL													
NOTES	[1] S/C 31=GS-4B @ 2057 XB=2.8K(41) NOT RECOVERABLE [2] S/C 32=BACKUP B139 UPLINK TRACK																									
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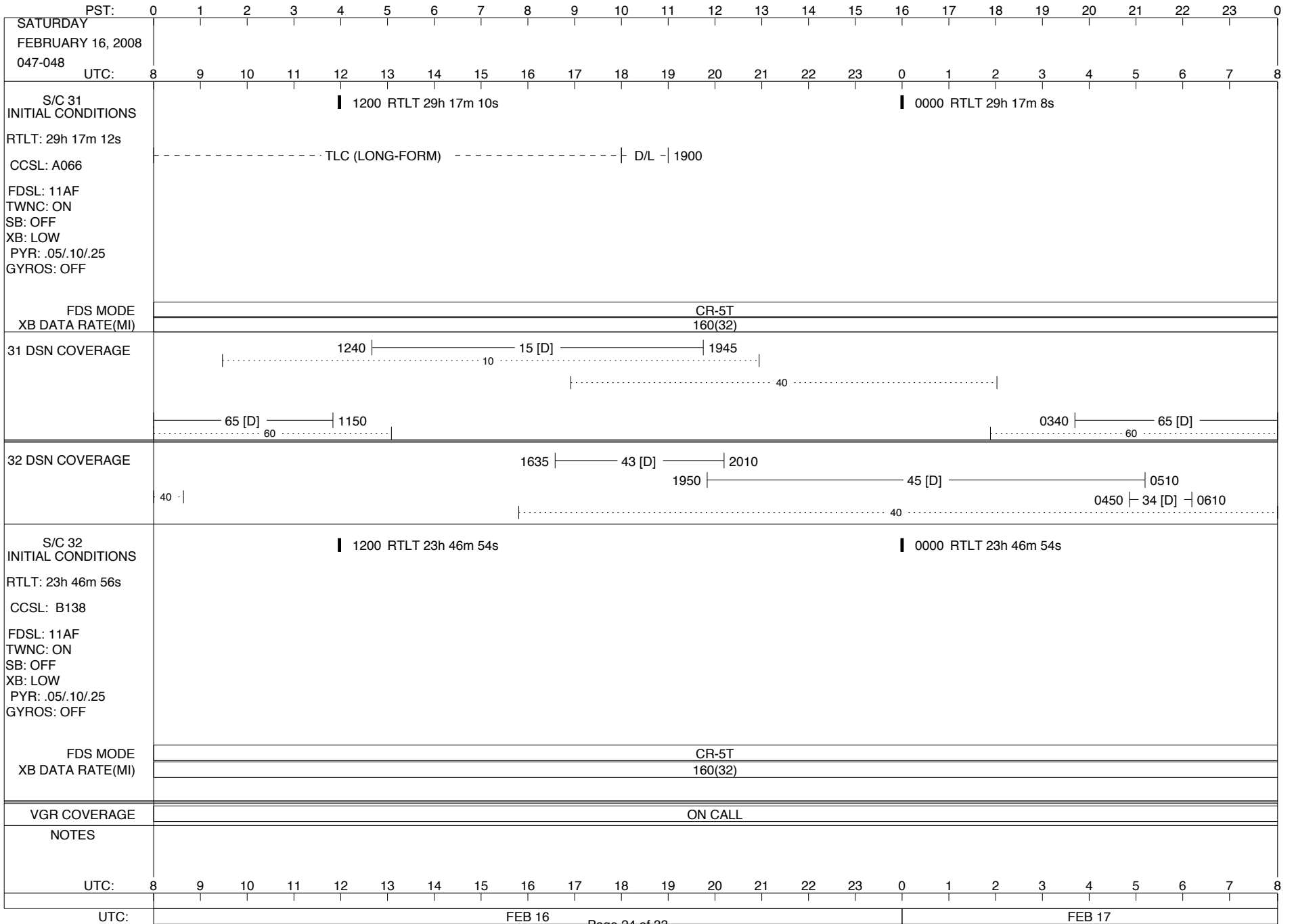
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FDS MODE XB DATA RATE(MI)																										
31 DSN COVERAGE																										
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS RTLTL: 23h 46m 54s CCSL: B138 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF					█ 1200																					
FDS MODE XB DATA RATE(MI)																										
VGR COVERAGE																										
NOTES																										
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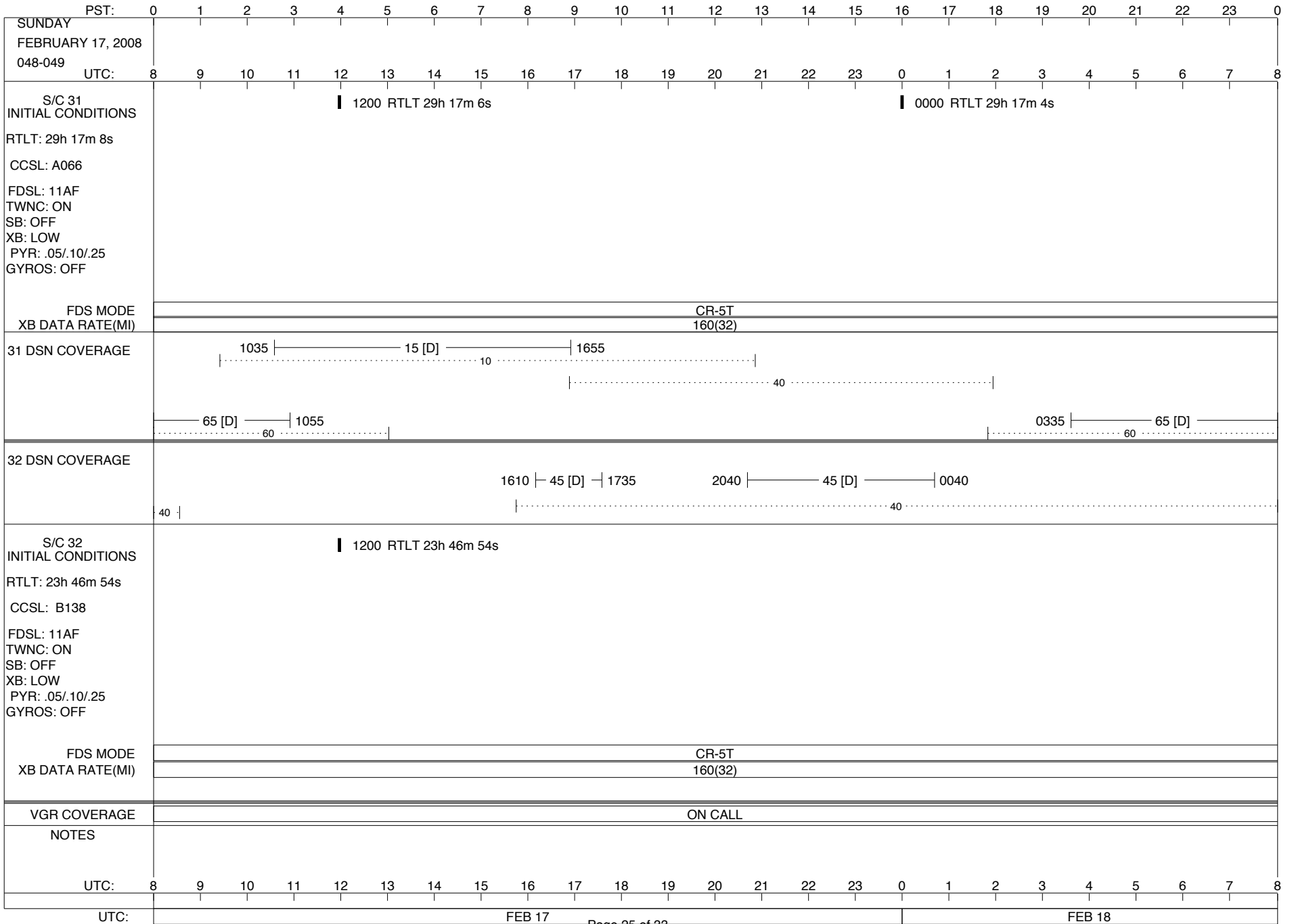
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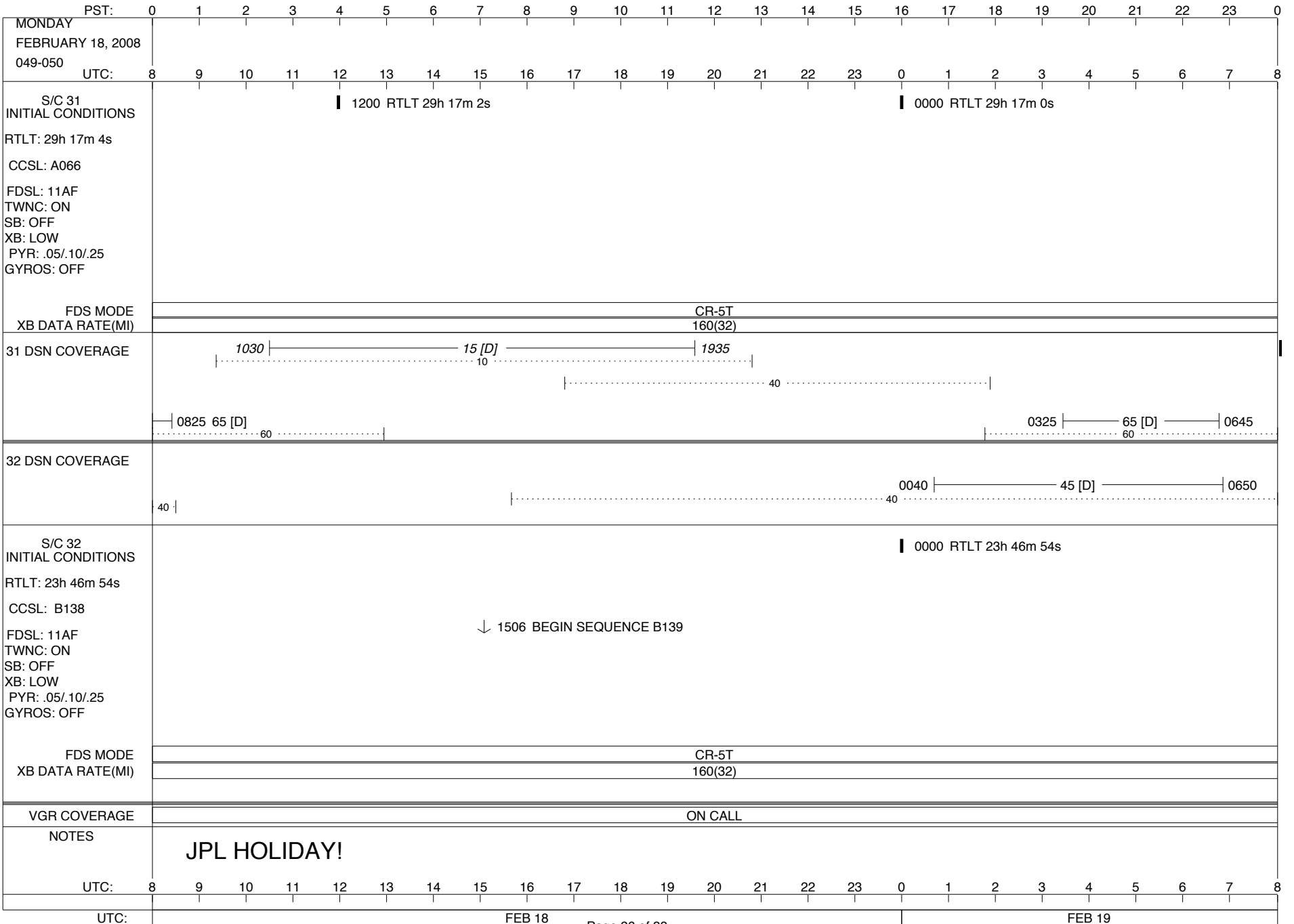


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FDS MODE XB DATA RATE(MI)	CR-5T 160(32)														CR-5T 160(32)													
31 DSN COVERAGE	1150 ----- 14 [T] ----- 1800 ----- 10 ----- 40 ----- ----- 60 ----- 0340 ----- 65 [D] ----- ----- 60 -----																											
32 DSN COVERAGE	40 ----- 1620 ----- 45 [D] ----- 0435 ----- 40 -----																											
S/C 32 INITIAL CONDITIONS RTLTL: 23h 46m 56s CCSL: B138 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 23h 46m 56s														0000 RTLTL 23h 46m 56s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																											
VGR COVERAGE	ON CALL							VGR							ON CALL													
NOTES	[1] S/C 31=GS-4B @ 0257 XB=2.8K(41) NOT RECOVERABLE																											
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ISSUE DATE: 02/20/08 15:05





ISSUE DATE: 02/20/08 15:05

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			
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S/C 31 INITIAL CONDITIONS	█ 1200 RTLT 29h 16m 58s														█ 0000 RTLT 29h 16m 56s													
RTLTL: 29h 17m 0s																												
CCSL: A066																												
FDSL: 11AF															2033 2033 PWS/RH													
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																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS	█ 1200 RTLT 23h 46m 54s														█ 0000 RTLT 23h 46m 52s													
RTLTL: 23h 46m 54s																												
CCSL: B139																												
FDSL: 11AF															▼ 2312 DUMMY (5 MIN BRACKETED 22:59)													
TWNC: ON																												
SB: OFF																												
XB: LOW																												
PYR: .05/.10/.25																												
GYROS: OFF																												
FDS MODE															CR-5T													
XB DATA RATE(MI)															160(32)													
VGR COVERAGE	ON CALL														VGR				ON CALL									
NOTES	[1] S/C 31=GS-4B @ 2033 XB=2.8K(41) NOT RECOVERABLE																											
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ISSUE DATE: 02/20/08 15:05

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FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS RTLT: 23h 46m 52s CCSL: B139 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF					█																							
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
VGR COVERAGE													ON CALL															
NOTES																												
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UTC:	FEB 20														FEB 21													

ISSUE DATE: 02/20/08 15:05

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
FEBRUARY 21, 2008
052-053

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 52s
CCSL: A066
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

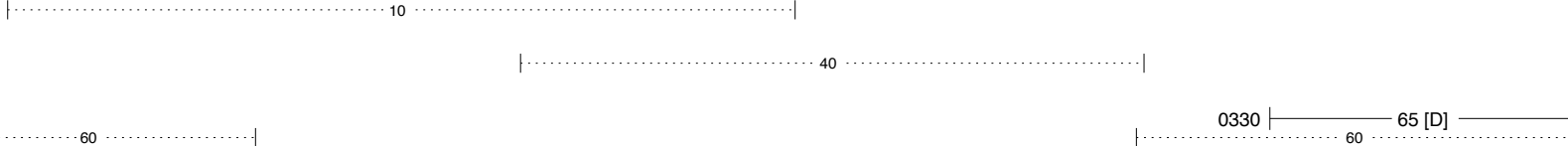
1200 RTLTL 29h 16m 50s

0000 RTLTL 29h 16m 48s

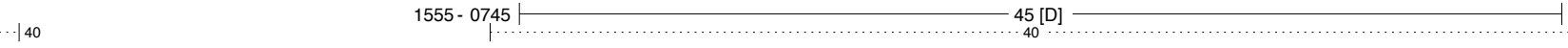
FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS
RTLTL: 23h 46m 52s
CCSL: B139
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLTL 23h 46m 50s

0000 RTLTL 23h 46m 50s

↓ 1700 LINK TCM THRUSTERS FOR ATTITUDE CONTROL - ECR'S 37810 & 37859
1701 | 1702 AACS MRO'S

↓ 1800 PRA INST OFF

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

VGR COVERAGE

ON CALL

VGR

ON CALL

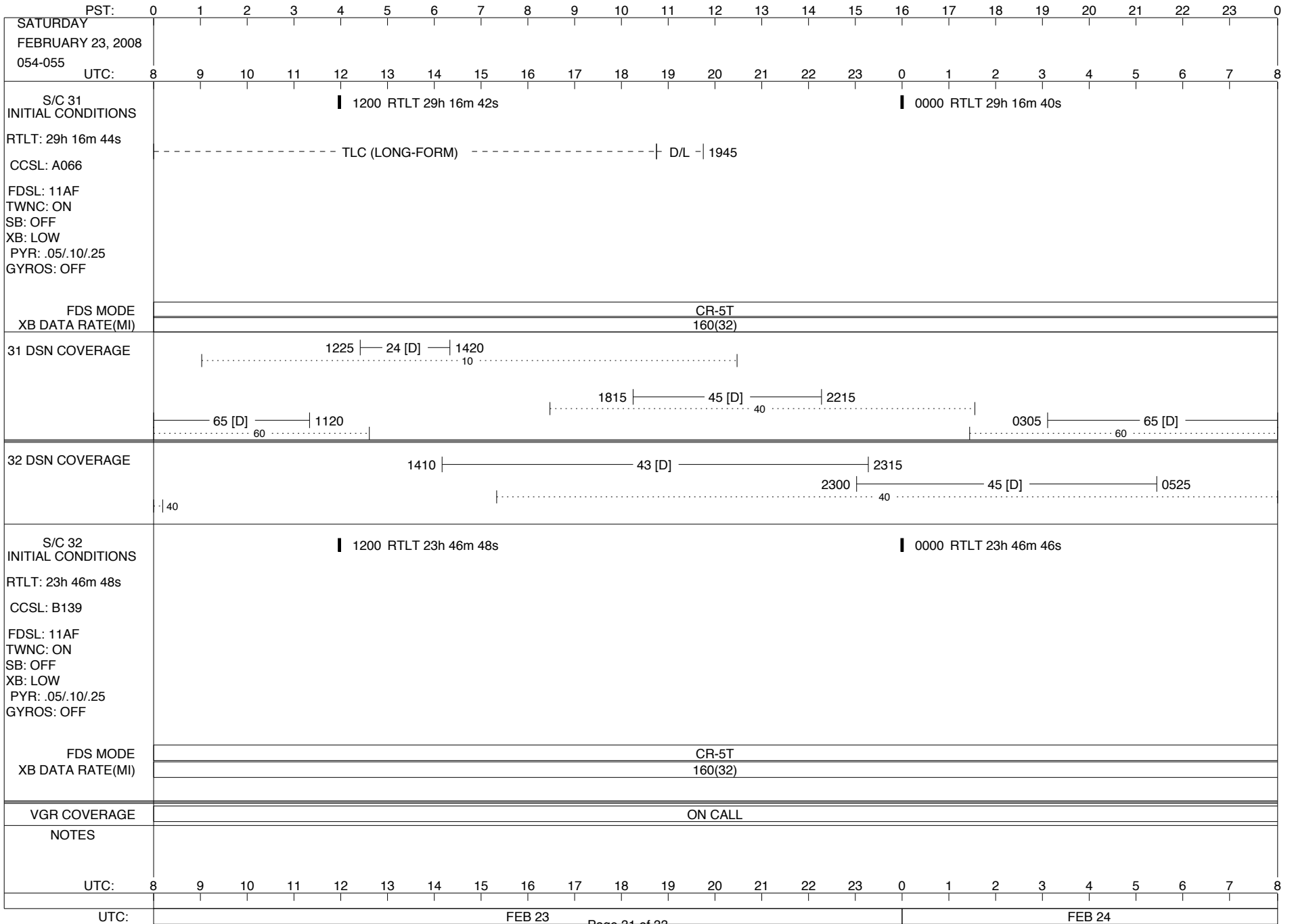
NOTES

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

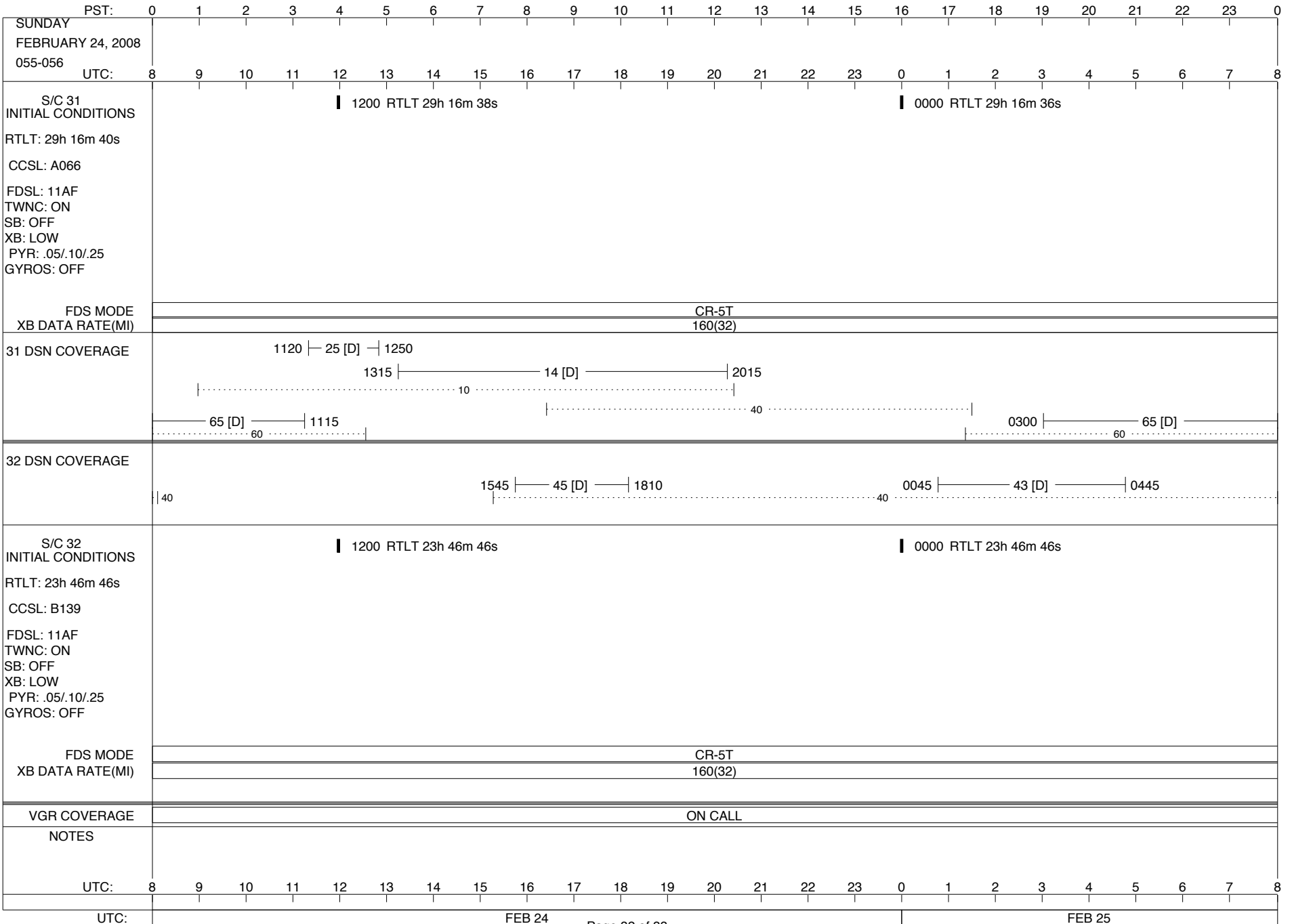
UTC:

FEB 21

FEB 22



ISSUE DATE: 02/20/08 15:05



ISSUE DATE: 02/20/08 15:05

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
MONDAY FEBRUARY 25, 2008 056-057	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 16m 36s CCSL: A066 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 29h 16m 34s</p> </div>																								
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	<div style="text-align: center;"> <p>1325 ----- 25 [D] ----- 1755</p> <p>----- 10 -----</p> <p>65 [D] ----- 0930 ----- </p> <p>----- 60 -----</p> </div>																								
32 DSN COVERAGE	<div style="text-align: center;"> <p>1735 ----- 34 [D] ----- 2135</p> <p>2115 ----- 45 [D] ----- 0045</p> <p>40</p> </div>																								
S/C 32 INITIAL CONDITIONS RTLT: 23h 46m 46s CCSL: B139 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 23h 46m 44s</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
UTC:	FEB 25												FEB 26												