

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: January 10, 2008

For the Period: 01/10/08 to 02/11/08 (08-010 – 08-042)

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

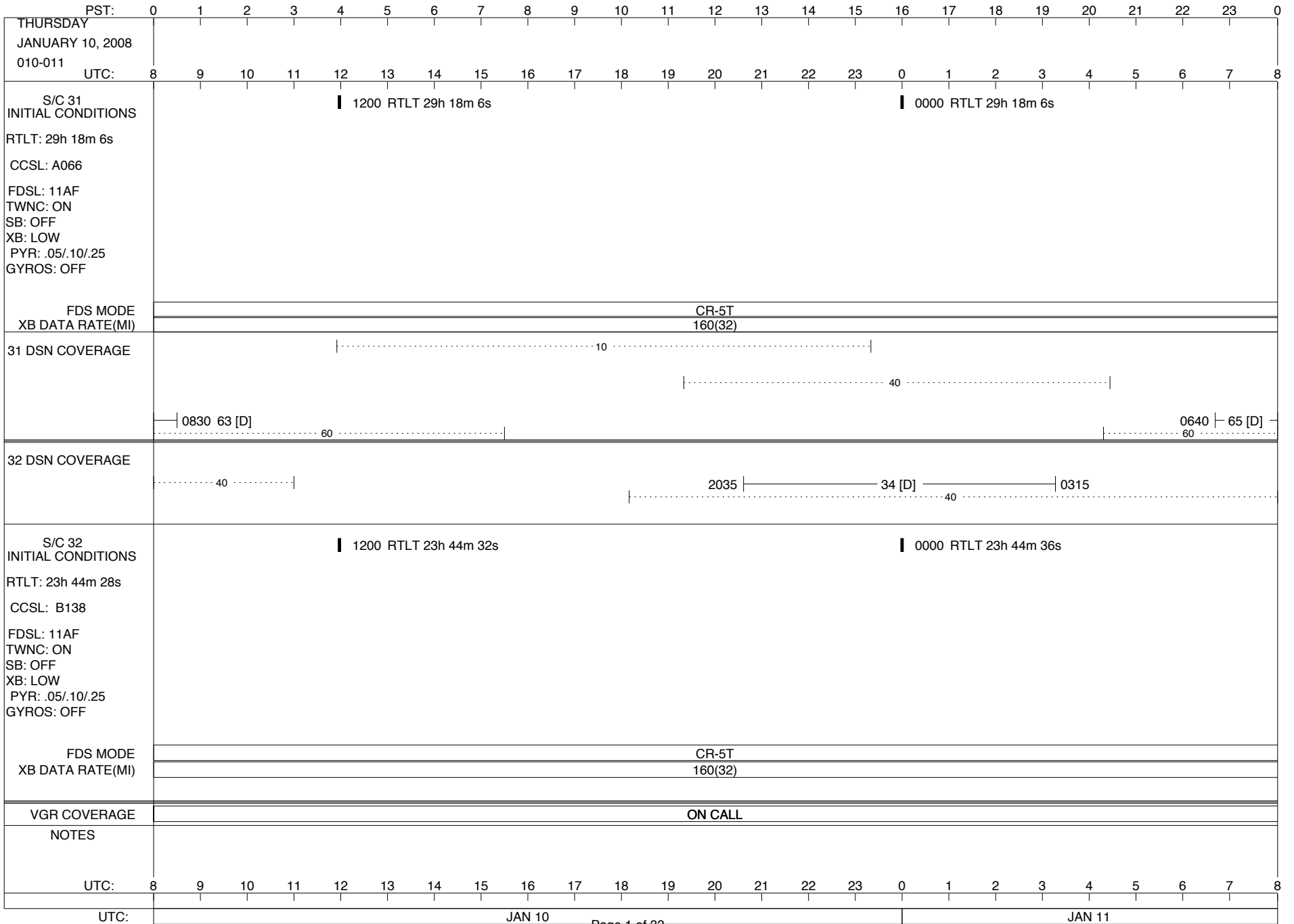
Hall, J.
 Howard, S. (3)
 Jaeger, J.
 Ludwig, R. (2)
 Massey, Ed
 Matsumoto, S.
 Medina
 Peralta, F.
 Poynter, R.
 Weeks, T.
 Wong, R.
 Zottarelli, L.
 *odivers@san.rr.com

OTHER

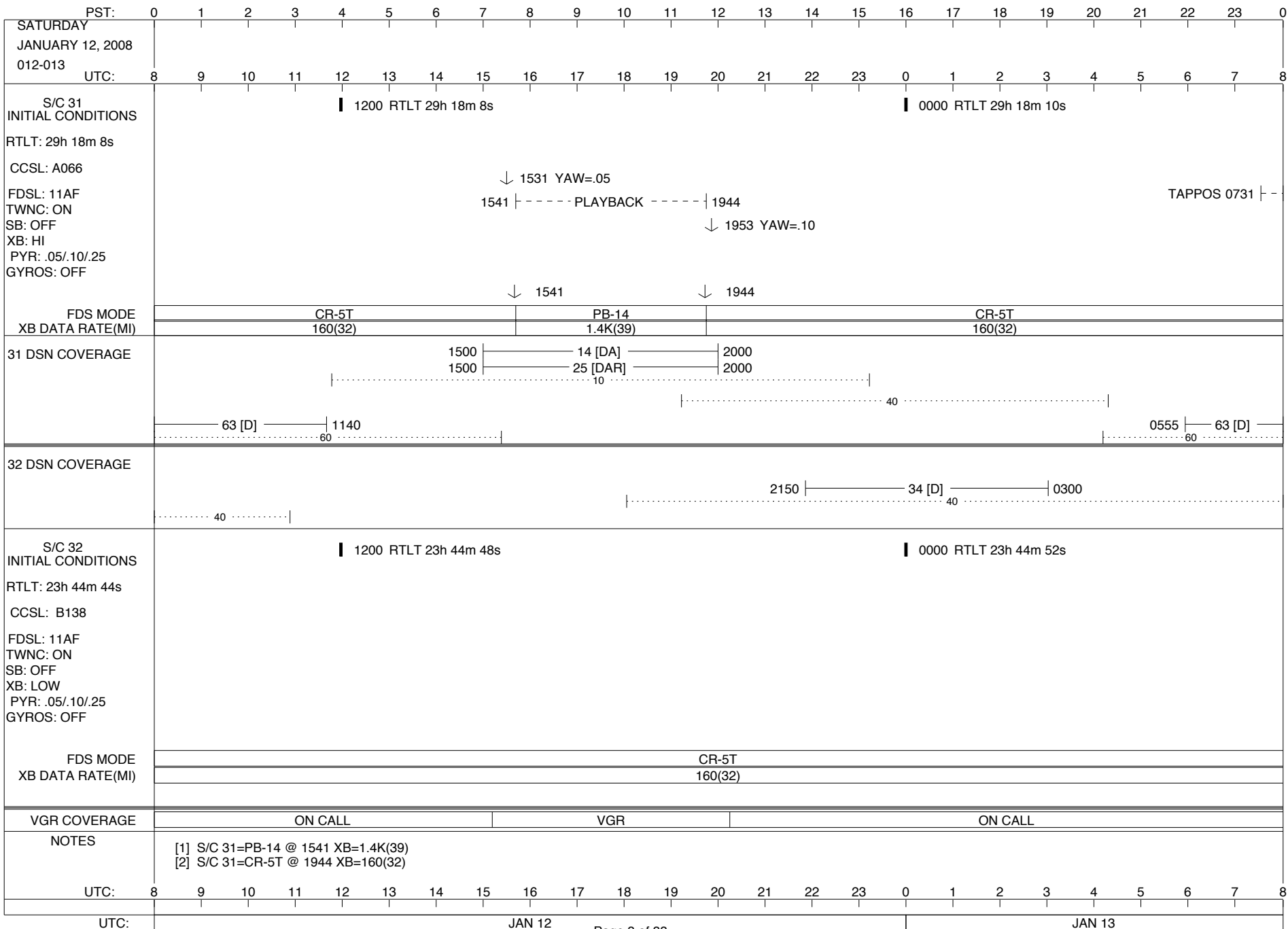
* KMassey@jgld.gdscc.nasa.gov
 * Belinda.Arroyo@jpl.nasa.gov
 * Peter.T.Poon@jpl.nasa.gov
 * DSN-MPSETA@jjpl.jpl.nasa.gov

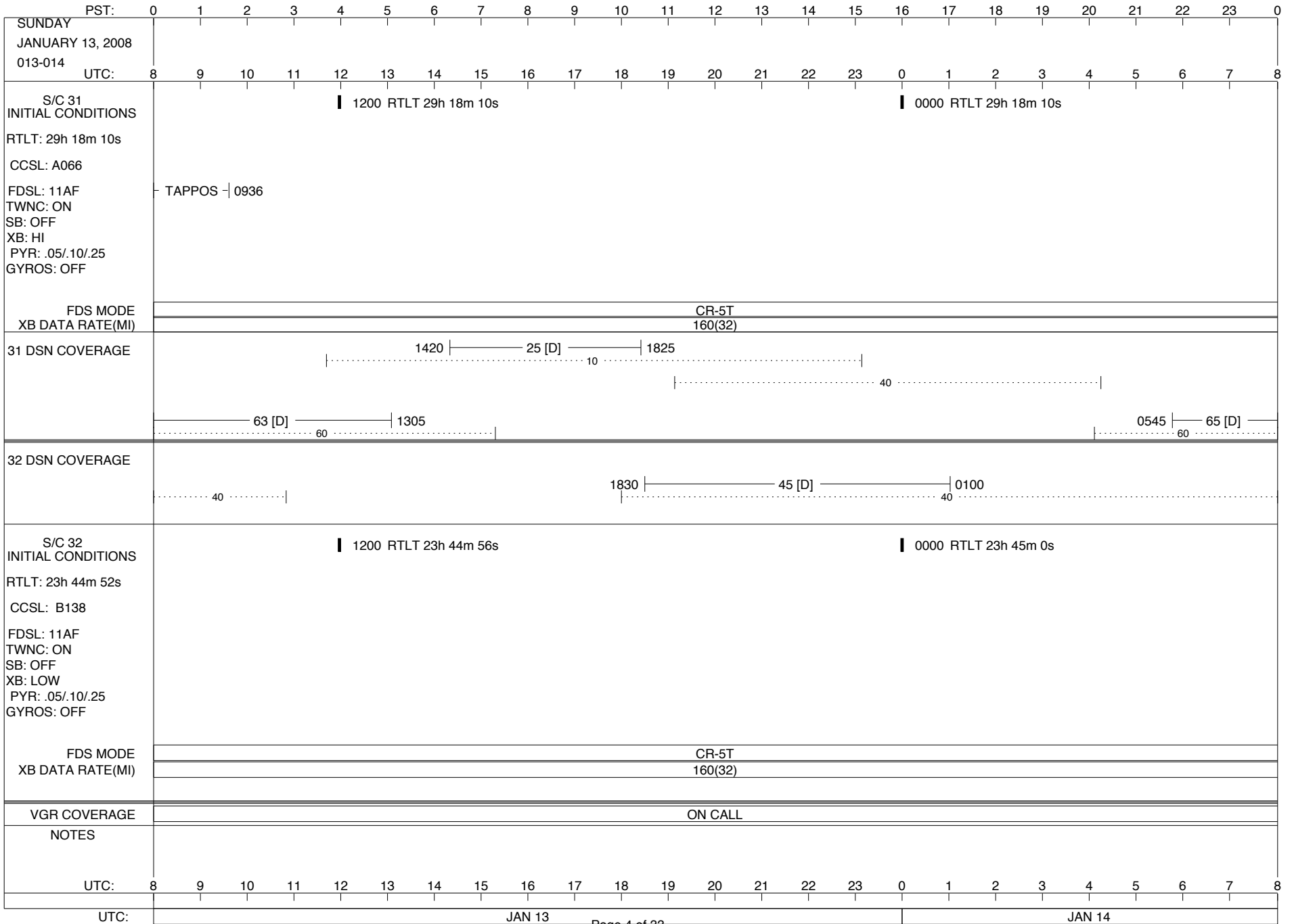
LEGEND: ∇ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink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

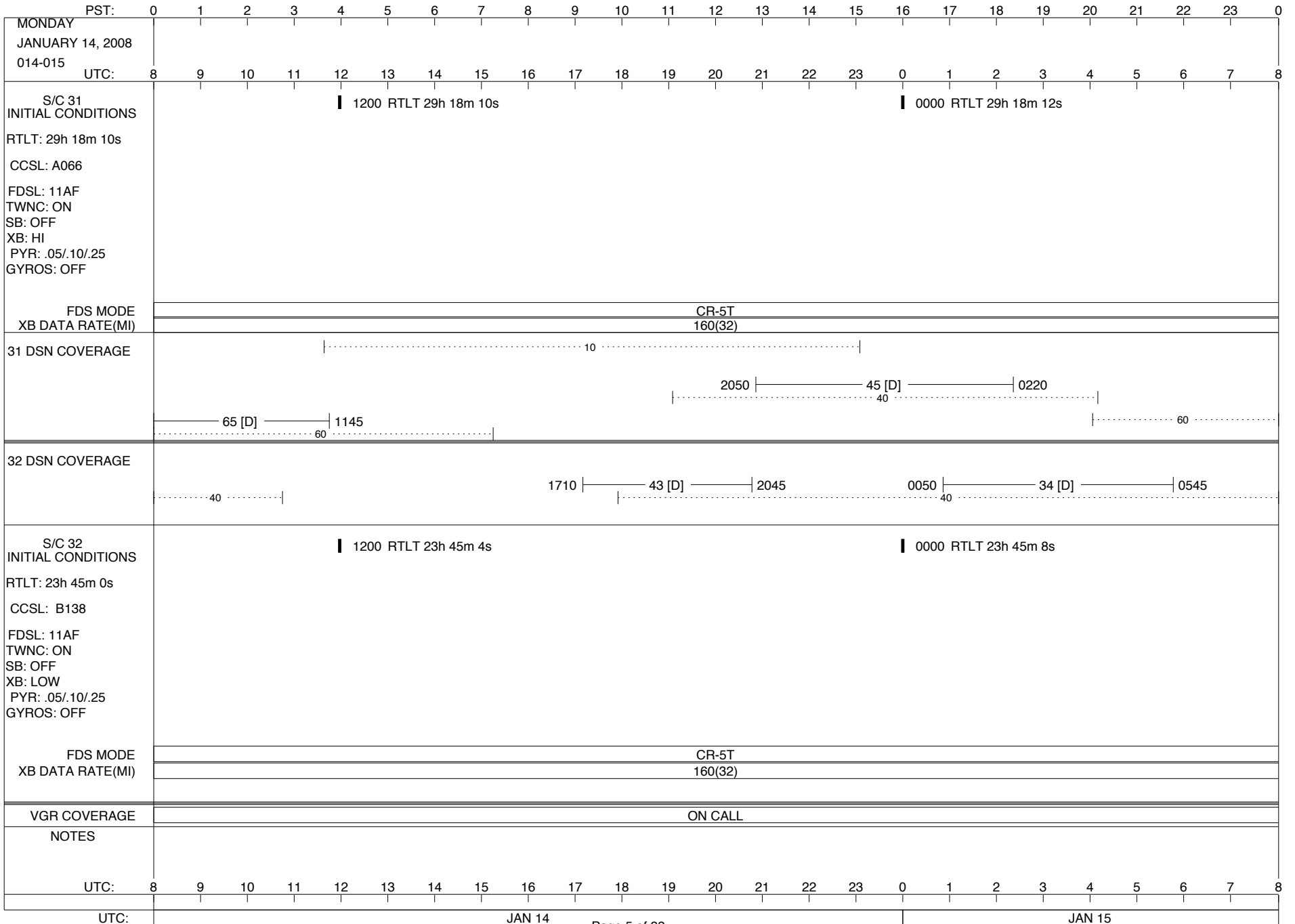
*Electronic Copy Only
 (16 – Dist/N: Paper Copies)
 01/10/08



	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																							
	FRIDAY JANUARY 11, 2008 011-012																							
	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 18m 6s CCSL: A066 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 29h 18m 8s												0000 RTLT 29h 18m 8s											
	1331 1332 TAPPOS ↓ 1515 BAY 1 HTR OFF ↓ 1519 X/B HI POWER ↓ 1531 YAW=.05 1541 -----PLAYBACK----- 1942 ↓ 1952 YAW=.10 2131 2145 TAPPOS ↓ 1541 ↓ 1942																							
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)						PB-14 1.4K(39)						CR-5T 160(32)											
31 DSN COVERAGE	1150 -----14 [DA]-----2330 -----1500 -----25 [DAR]-----2000 -----10-----40----- 65 [D]-----1210 -----60-----												0600 -----63 [D]-----											
32 DSN COVERAGE	40-----												2030 -----34 [D]-----2255 -----2235 -----43 [D3]-----0250 -----40-----											
S/C 32 INITIAL CONDITIONS RTLTL: 23h 44m 36s CCSL: B138 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 23h 44m 40s												0000 RTLT 23h 44m 44s											
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																							
VGR COVERAGE	ON CALL						VGR						ON CALL											
NOTES	[1] S/C 31=PB-14 @ 1541 XB=1.4K(39) [2] S/C 31=CR-5T @ 1942 XB=160(32) [3] S/C 32=B138 BACKUP UPLINK TRACK																							
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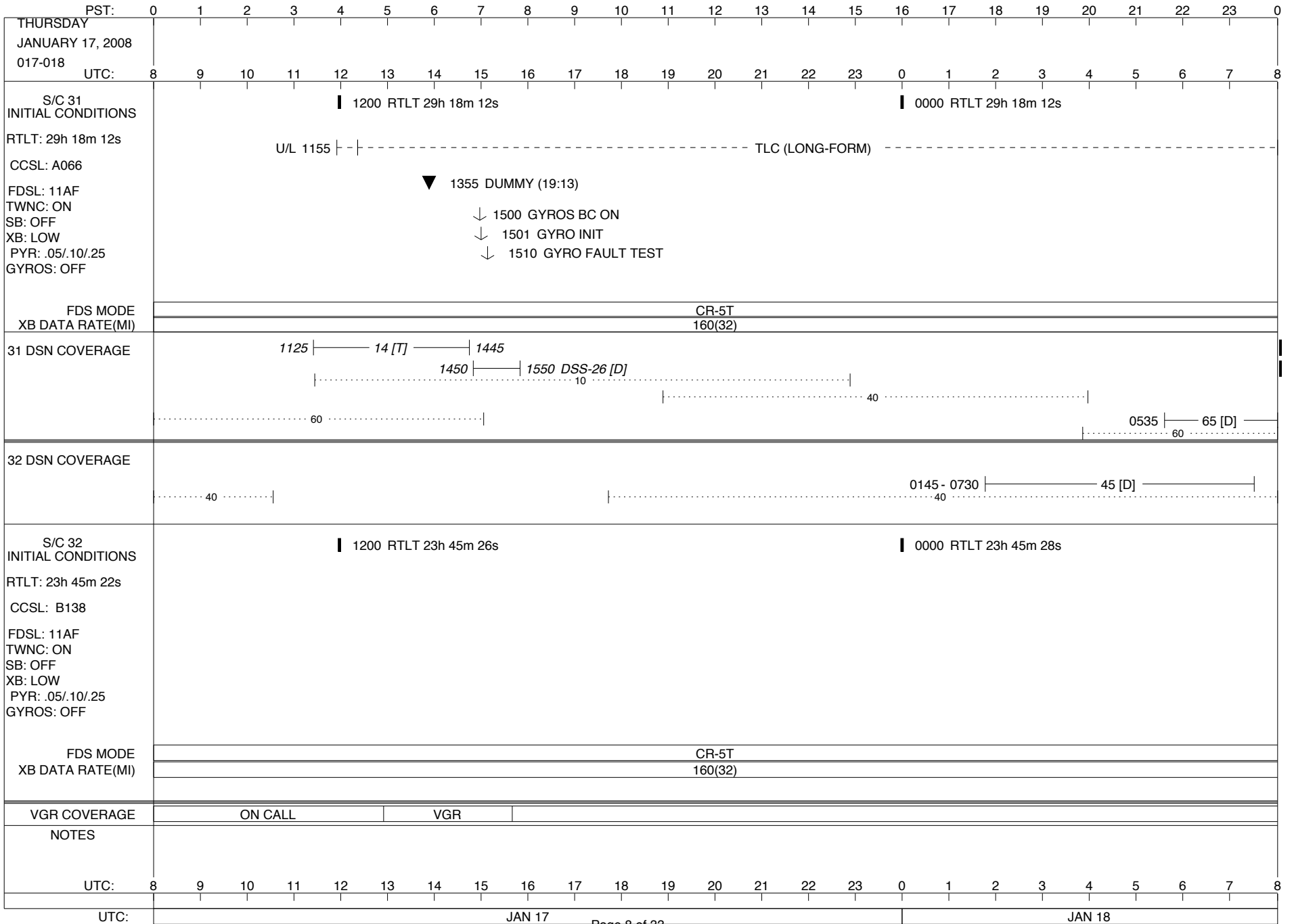






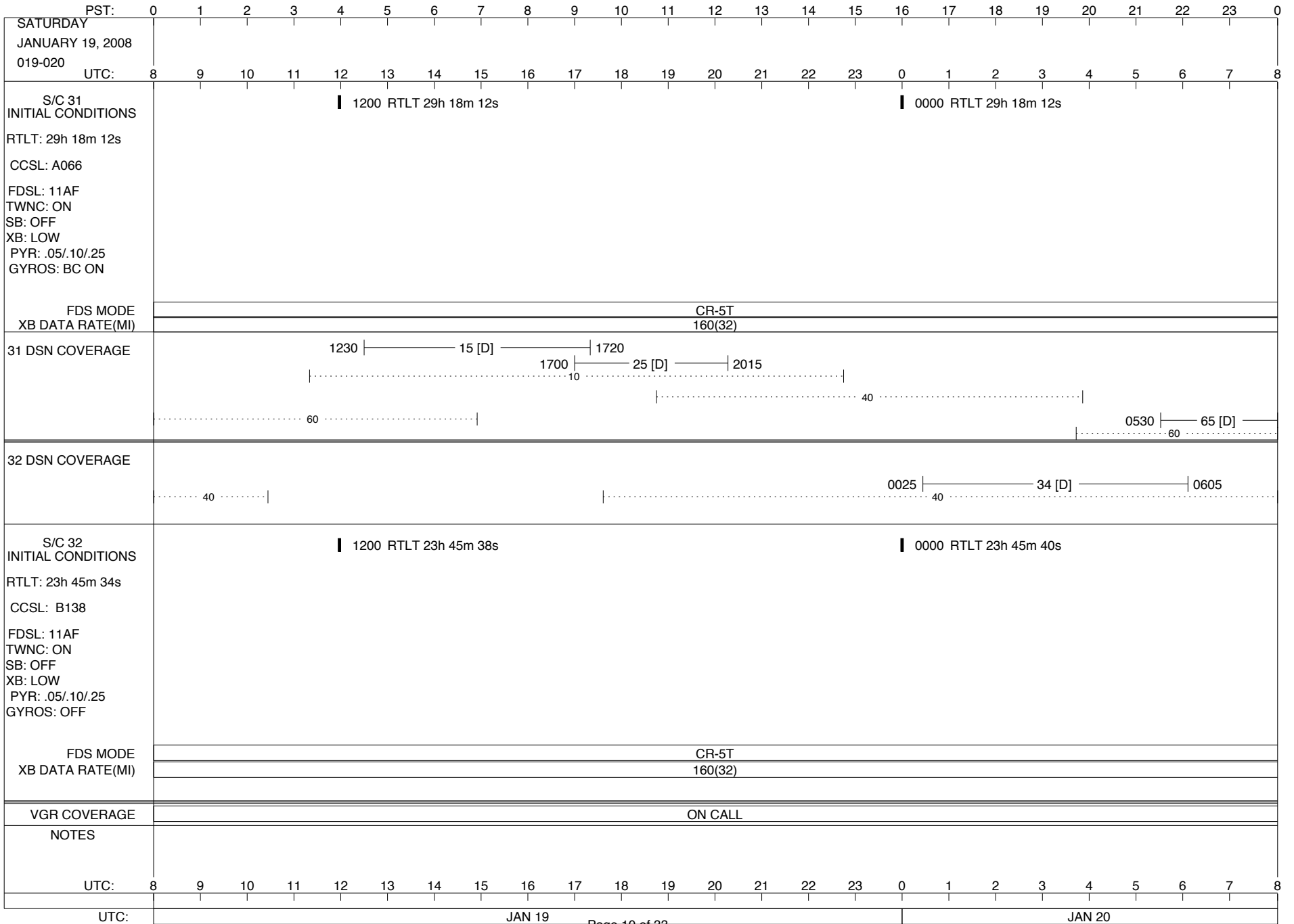
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JANUARY 15, 2008																													
015-016																													
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S/C 31 INITIAL CONDITIONS		█ 1200 RTLT 29h 18m 12s													█ 0000 RTLT 29h 18m 12s														
RTLT: 29h 18m 12s															↓ 1700 PRA INST OFF														
CCSL: A066															↓ 1715 MEMUPD - ECR 37841A														
FDSL: 11AF															1716 1717 CCS SID MRO'S														
TWNC: ON															↓ 1730 ENABLE AHELIO RECORDINGS														
SB: OFF															1731 1732 CCS SID MRO'S														
XB: HI															↓ 1745 X/B LOW POWER														
PYR: .05/.10/.25															↓ 1749 BAY 1 HTR ON														
GYROS: OFF															2233 2234 PWS/RH														
															↓ 2233 GS-4B 2234														
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 45m 12s													█ 0000 RTLT 23h 45m 14s														
RTLT: 23h 45m 8s																													
CCSL: B138																													
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													VGR							ON CALL							
NOTES		[1] S/C 31=GS-4B @ 2233 XB=2.8K(41) NOT RECOVERABLE																											
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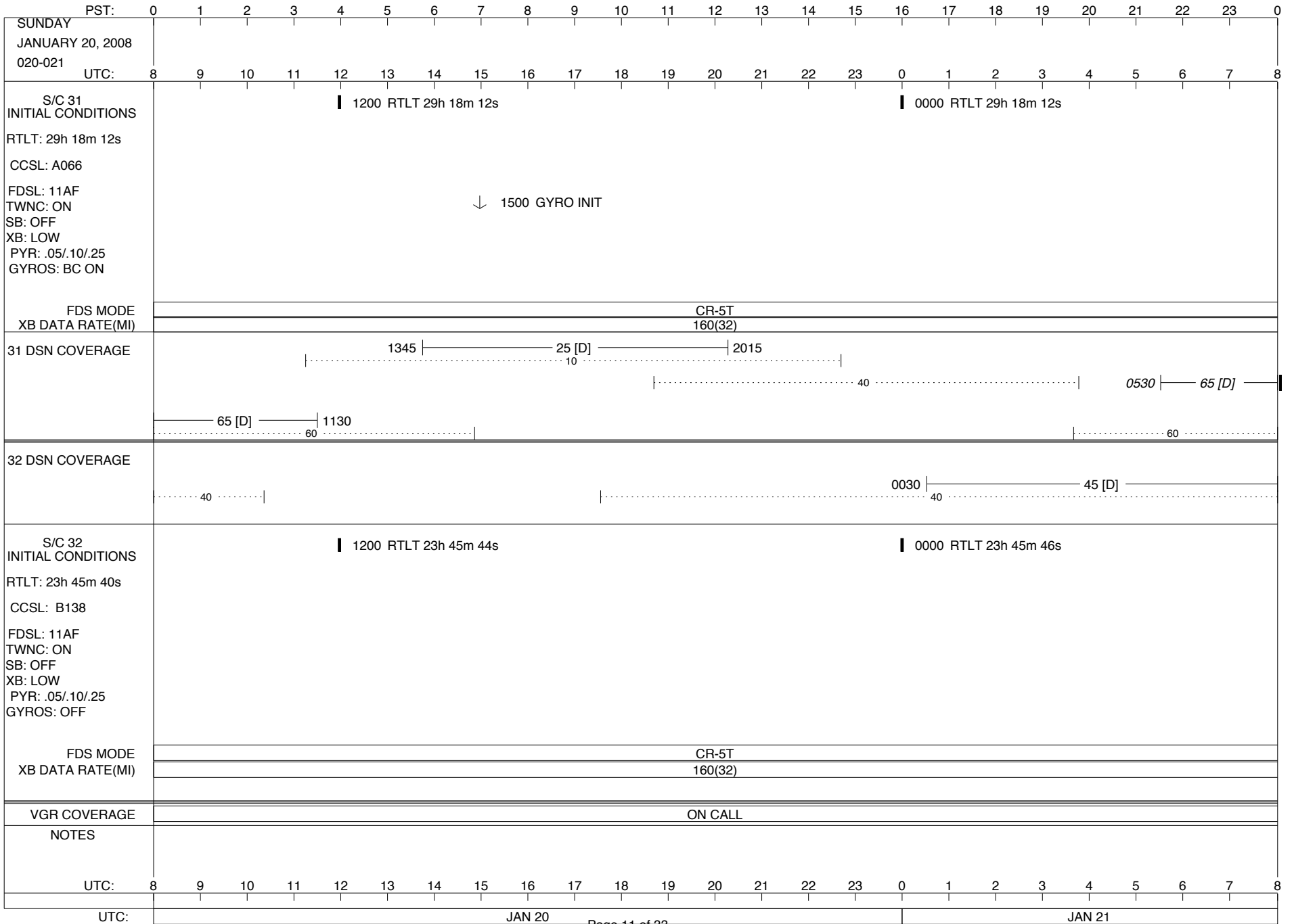
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S/C 31 INITIAL CONDITIONS RTLT: 29h 18m 12s CCSL: A066 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 29h 18m 12s												█ 0000 RTLT 29h 18m 12s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	<p>.....10.....</p> <p>.....40.....</p> <p>0855 -----65 [D]----- 135060.....</p>																								
32 DSN COVERAGE	<p>.....40.....0025 -----34 [D]----- 0405.....</p>																								
S/C 32 INITIAL CONDITIONS RTLT: 23h 45m 14s CCSL: B138 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 23h 45m 18s												█ 0000 RTLT 23h 45m 22s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE	ON CALL																								
NOTES																									
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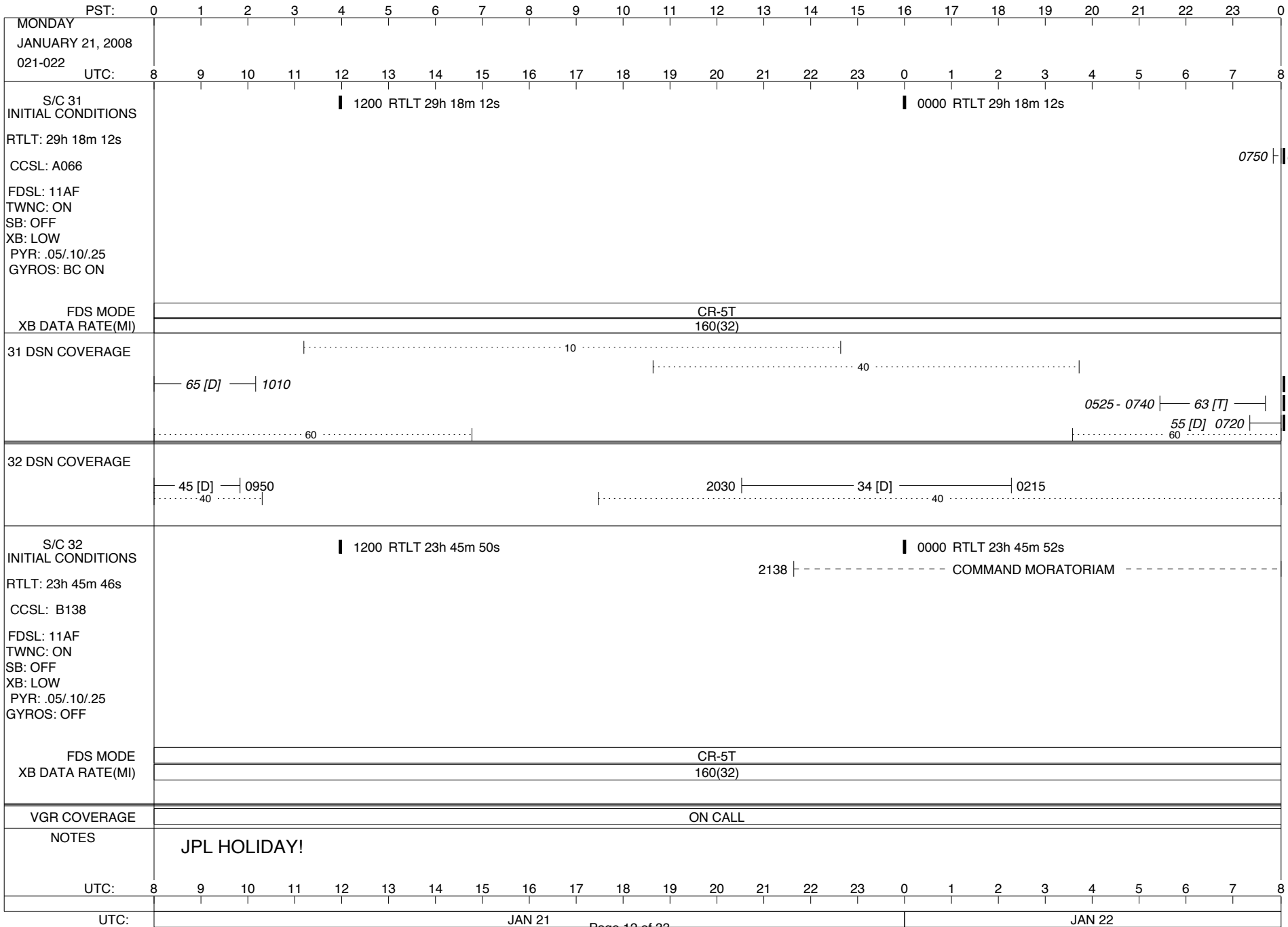


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FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	1445 ----- 26 [D] ----- 1920 ----- 10 ----- ----- 40 -----												65 [D] ----- 0940 ----- ----- 60 -----															
32 DSN COVERAGE	1655 - 0740 ----- 43 [B] ----- ----- 40 -----																											
S/C 32 INITIAL CONDITIONS RTLT: 23h 45m 28s CCSL: B138 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 23h 45m 32s												█ 0000 RTLT 23h 45m 34s															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
VGR COVERAGE																	VGR				ON CALL							
NOTES	[1] S/C 31=GS-4B @ 0433 XB=2.8K(41) NOT RECOVERABLE																											
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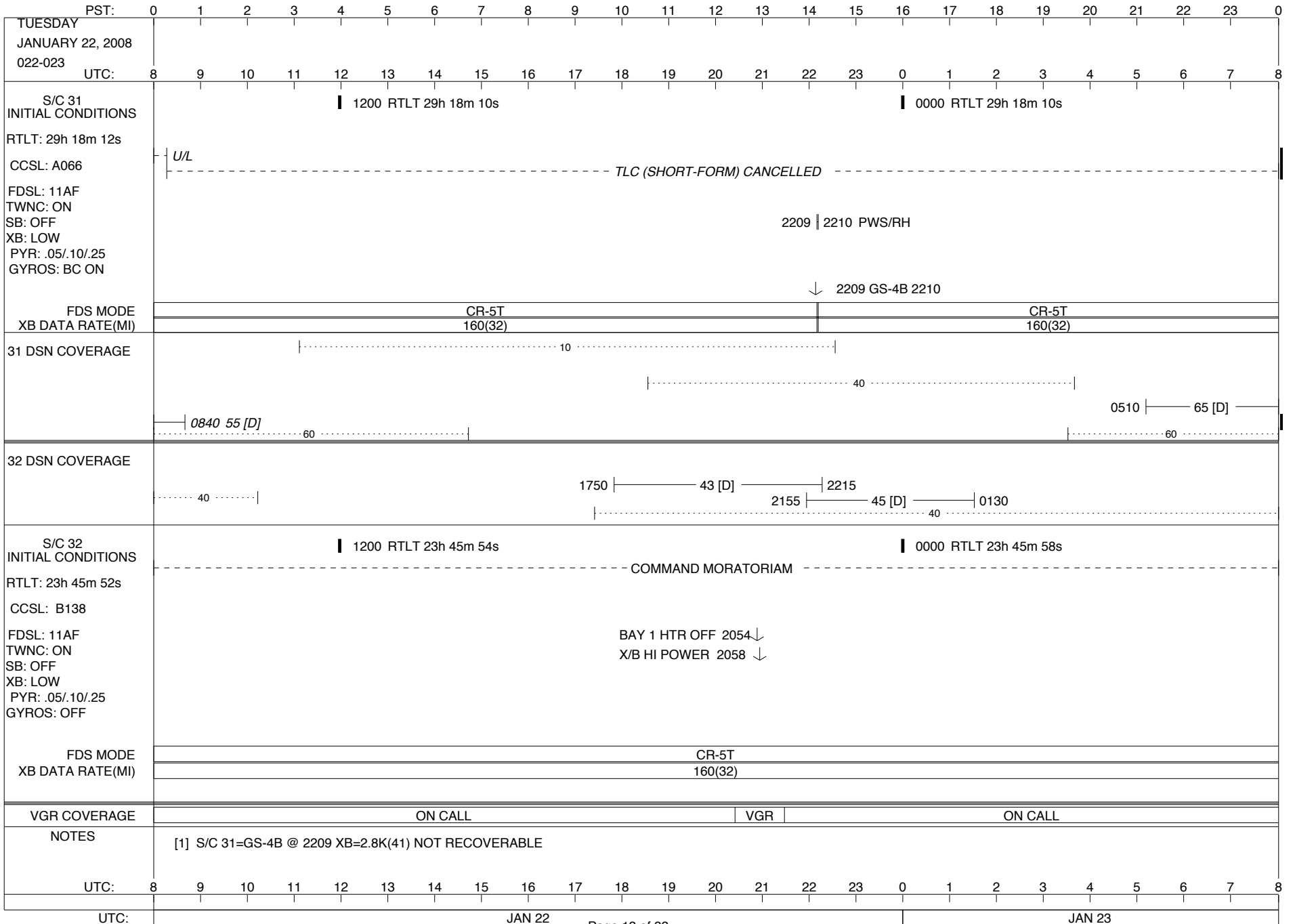


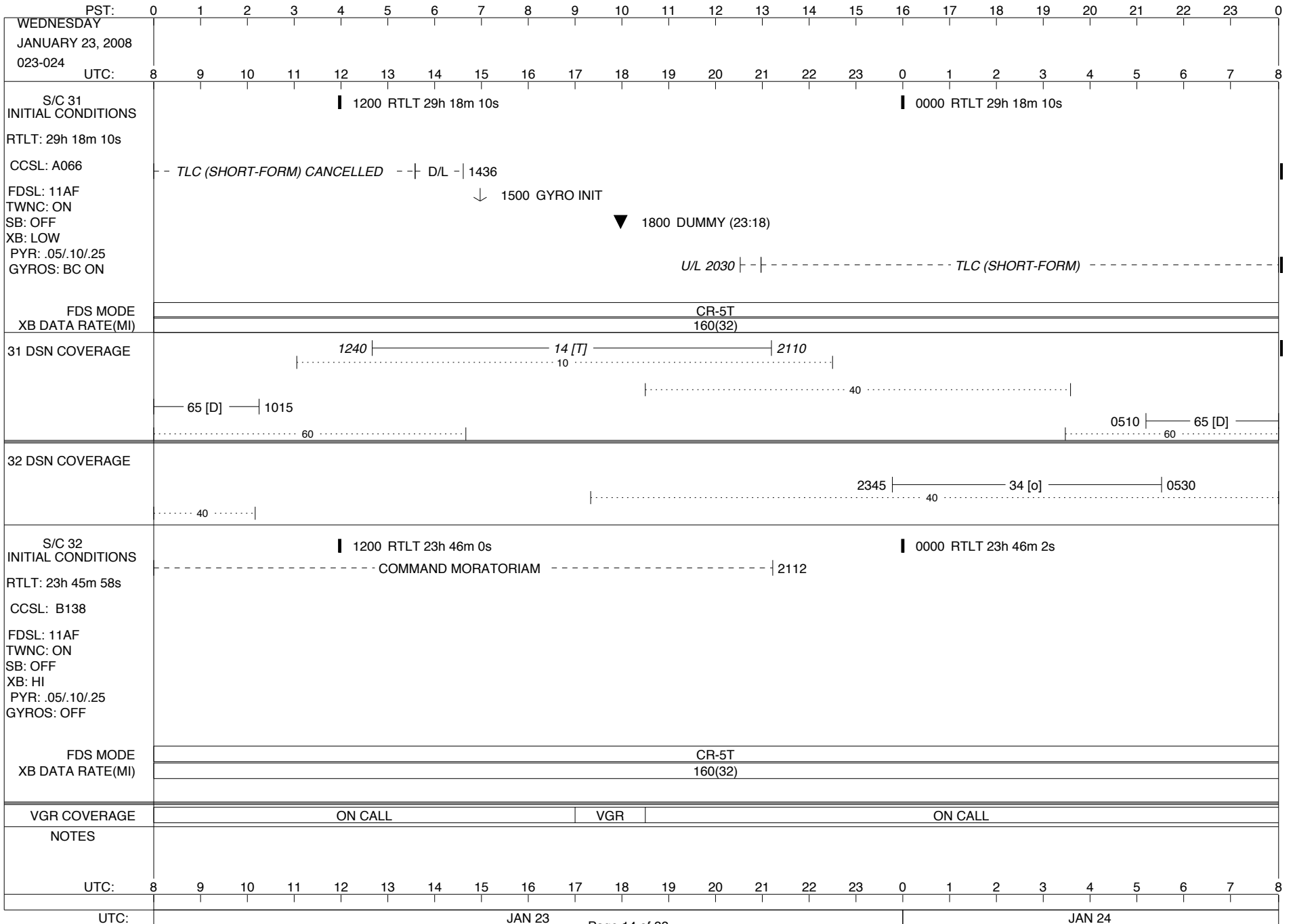


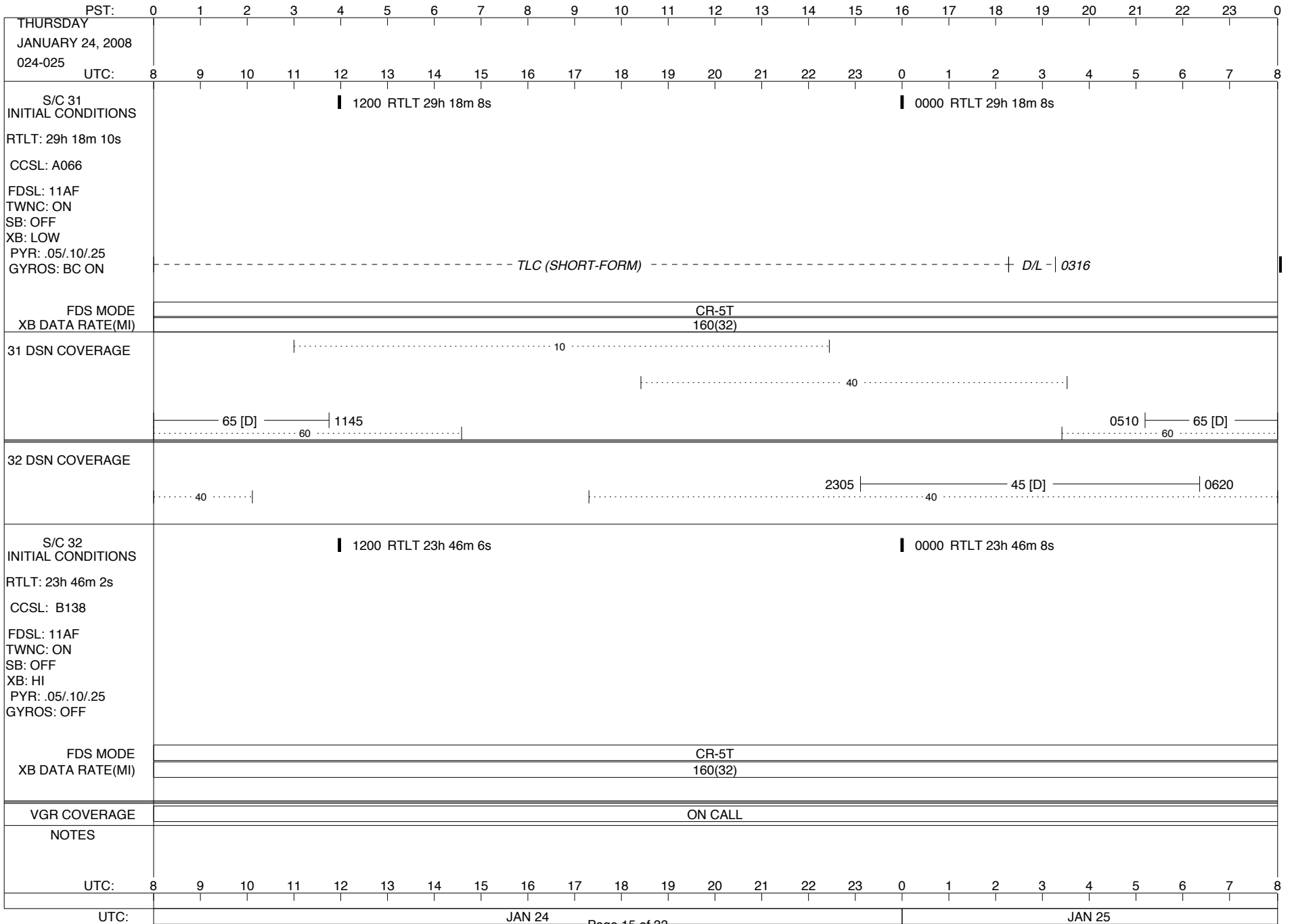


0750 U/L

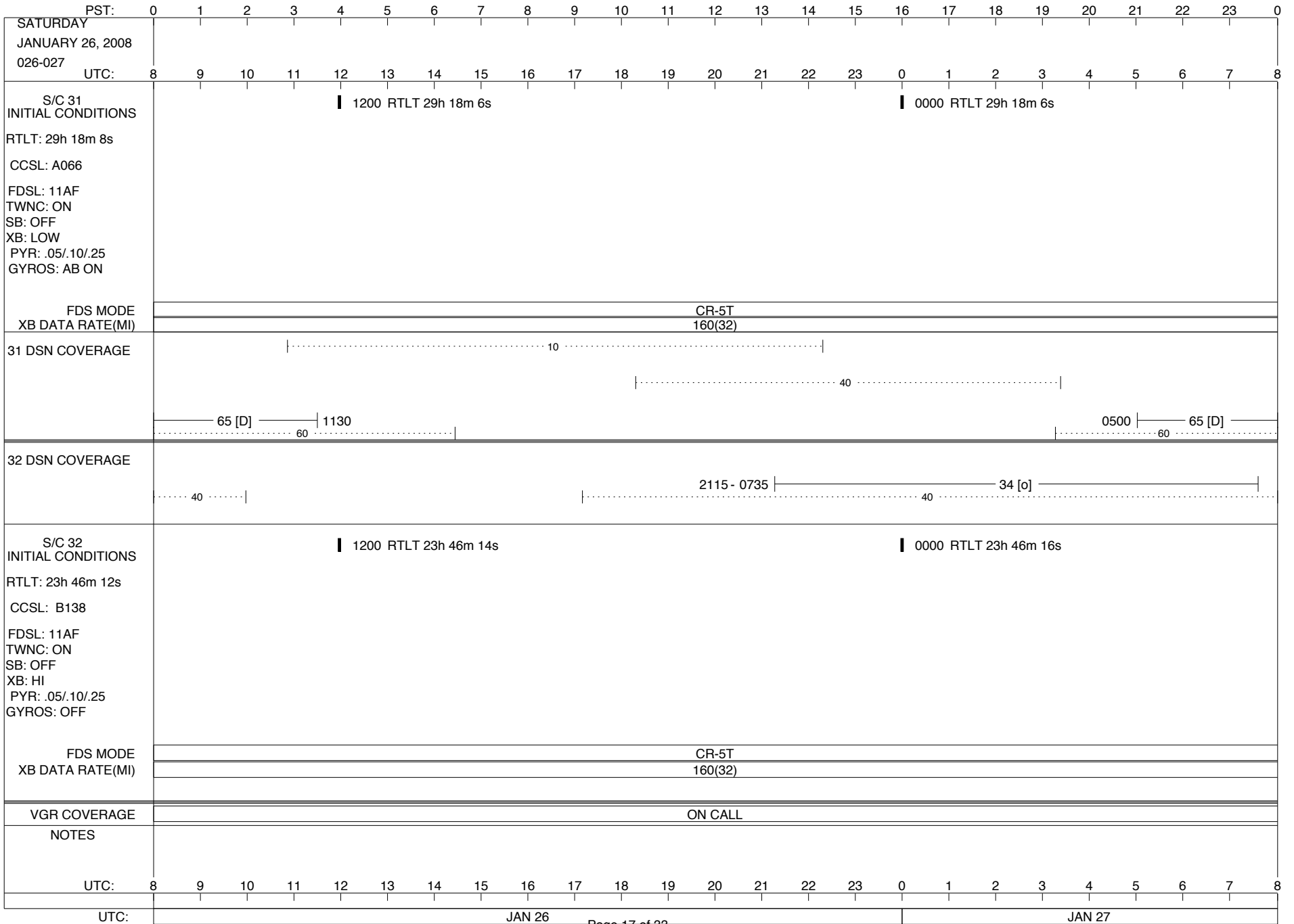
2138 COMMAND MORATORIUM

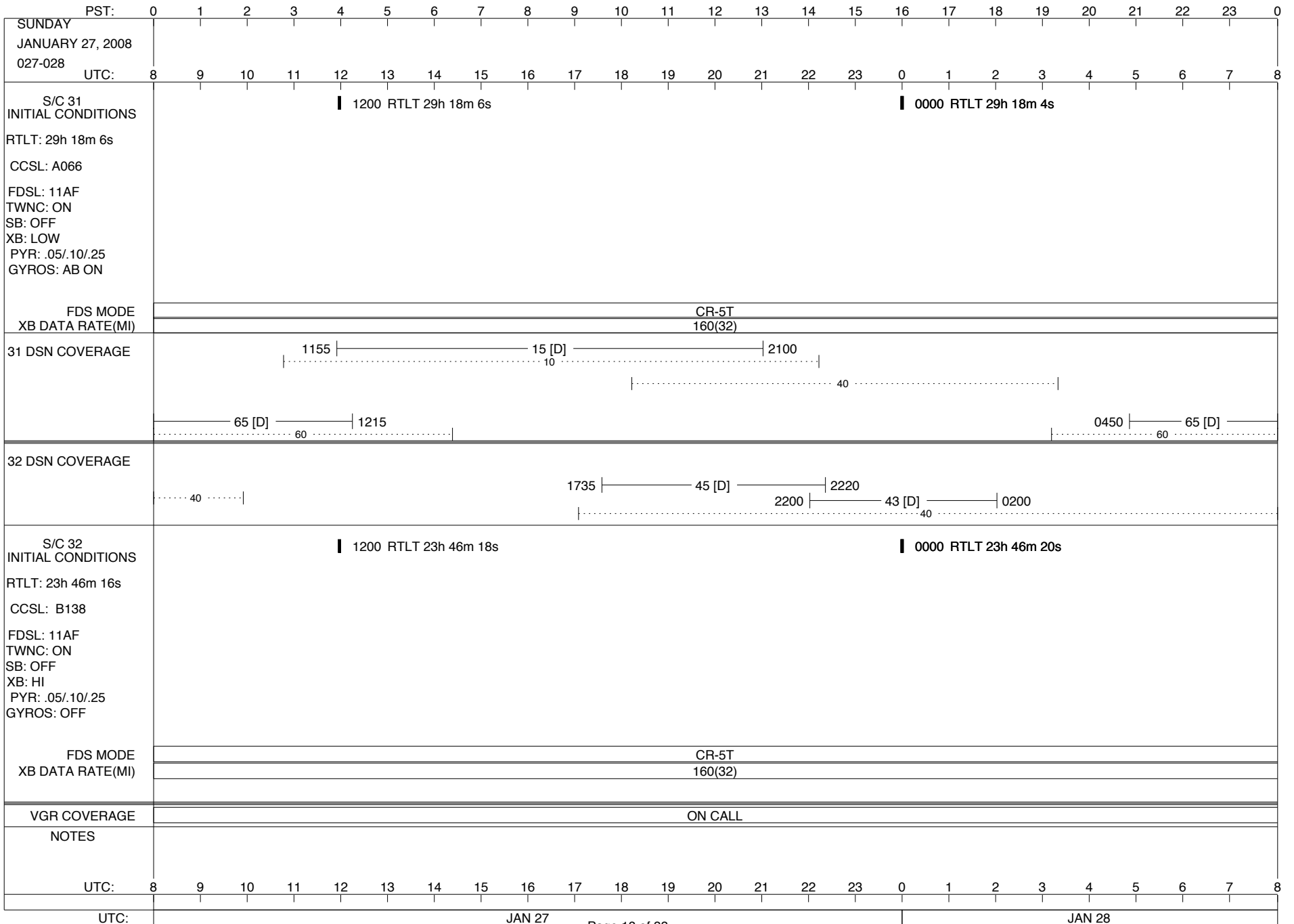




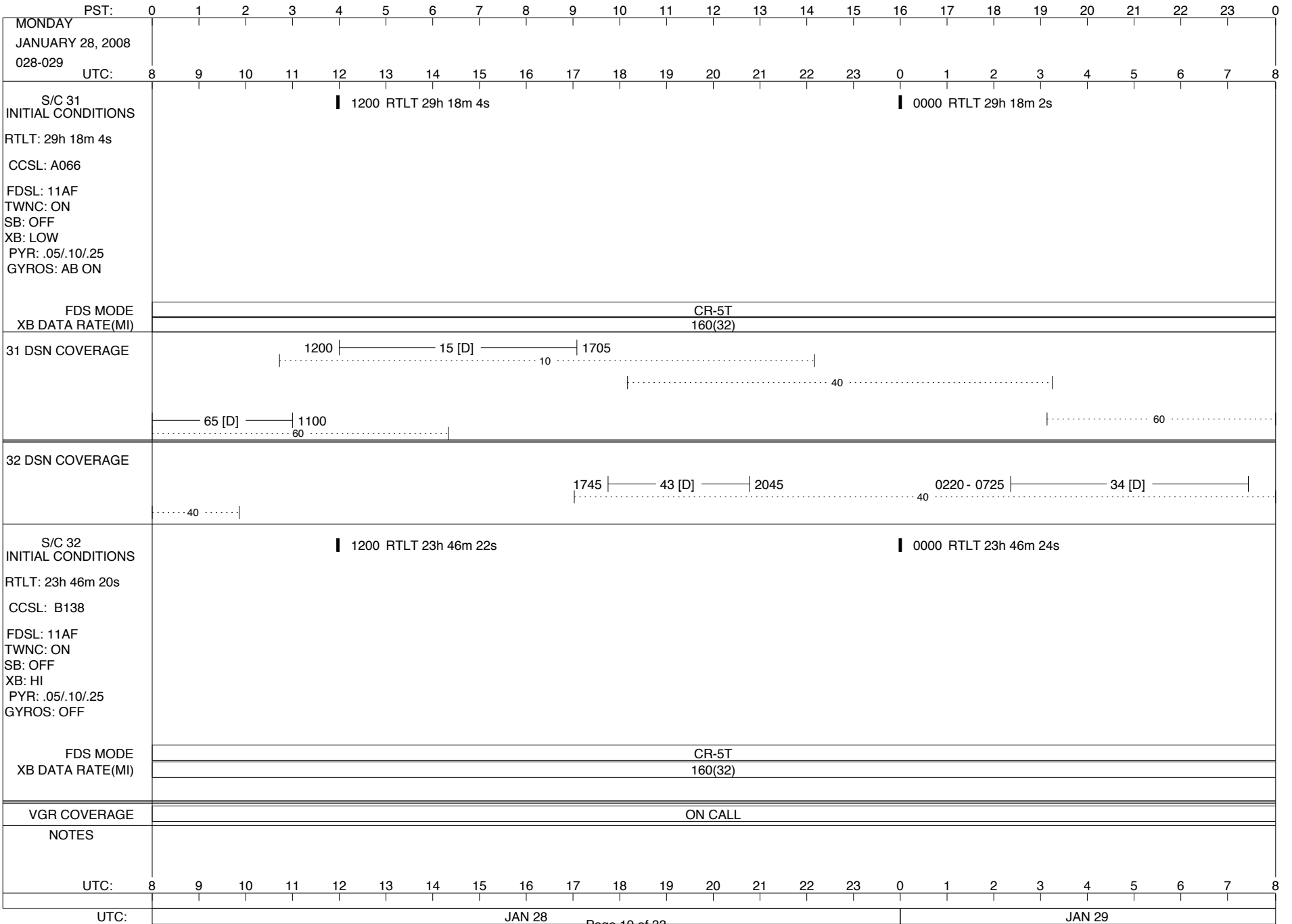


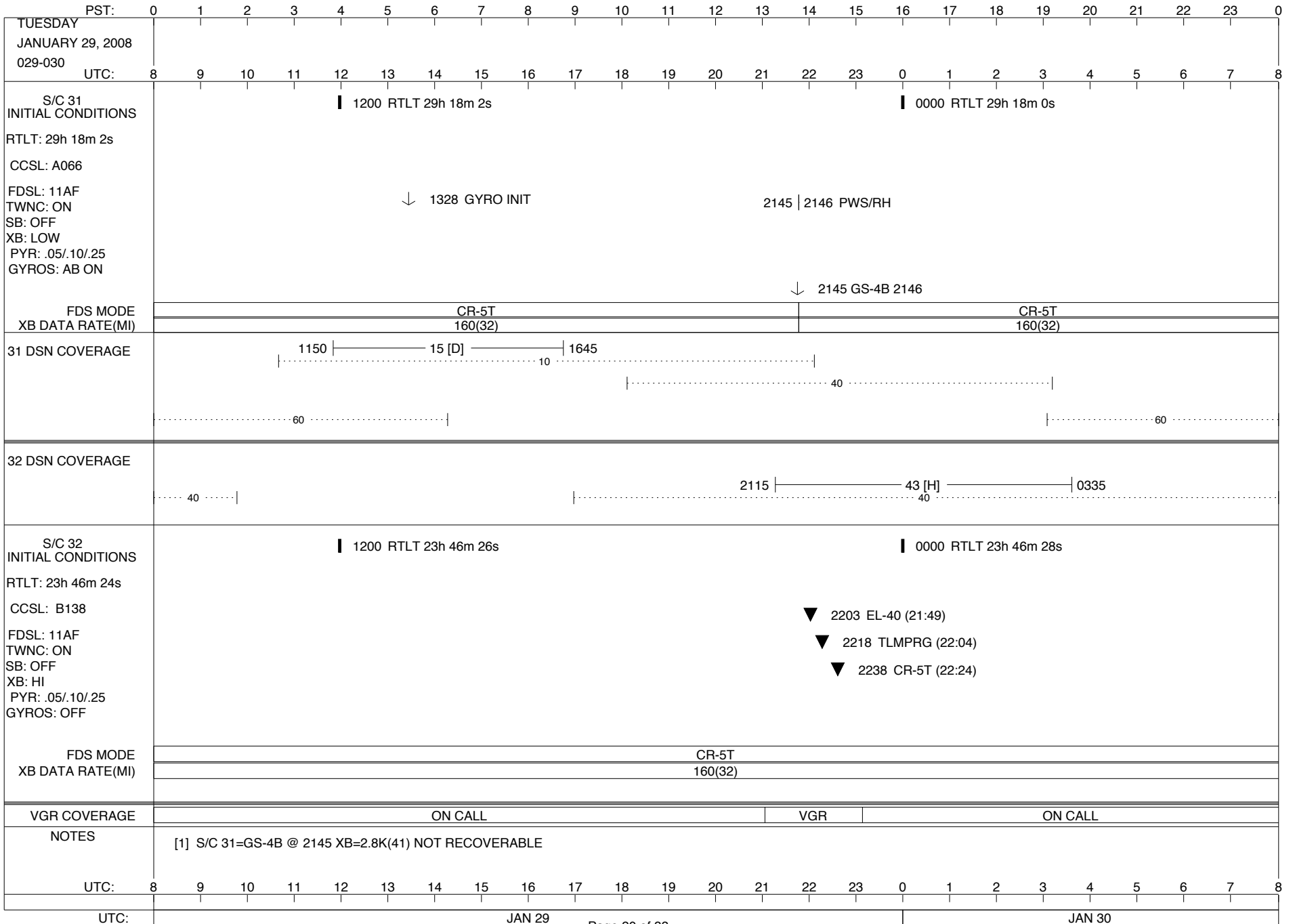
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S/C 31 INITIAL CONDITIONS RTLTL: 29h 18m 8s CCSL: A066 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON		█ 1200 RTLTL 29h 18m 8s												█ 0000 RTLTL 29h 18m 8s																						
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)												CR-5T 160(32)																						
31 DSN COVERAGE																																				
32 DSN COVERAGE																																				
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																																		
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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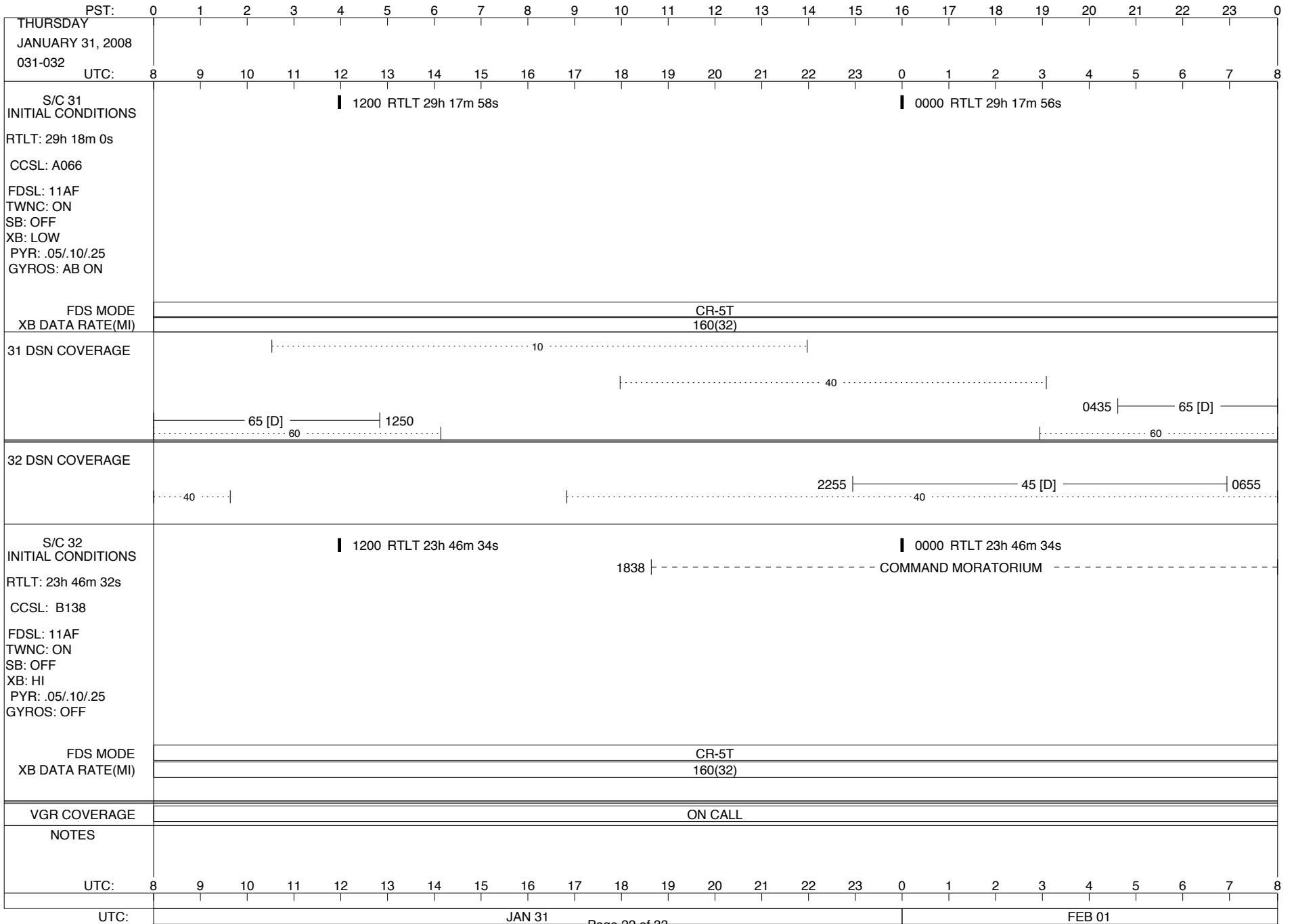


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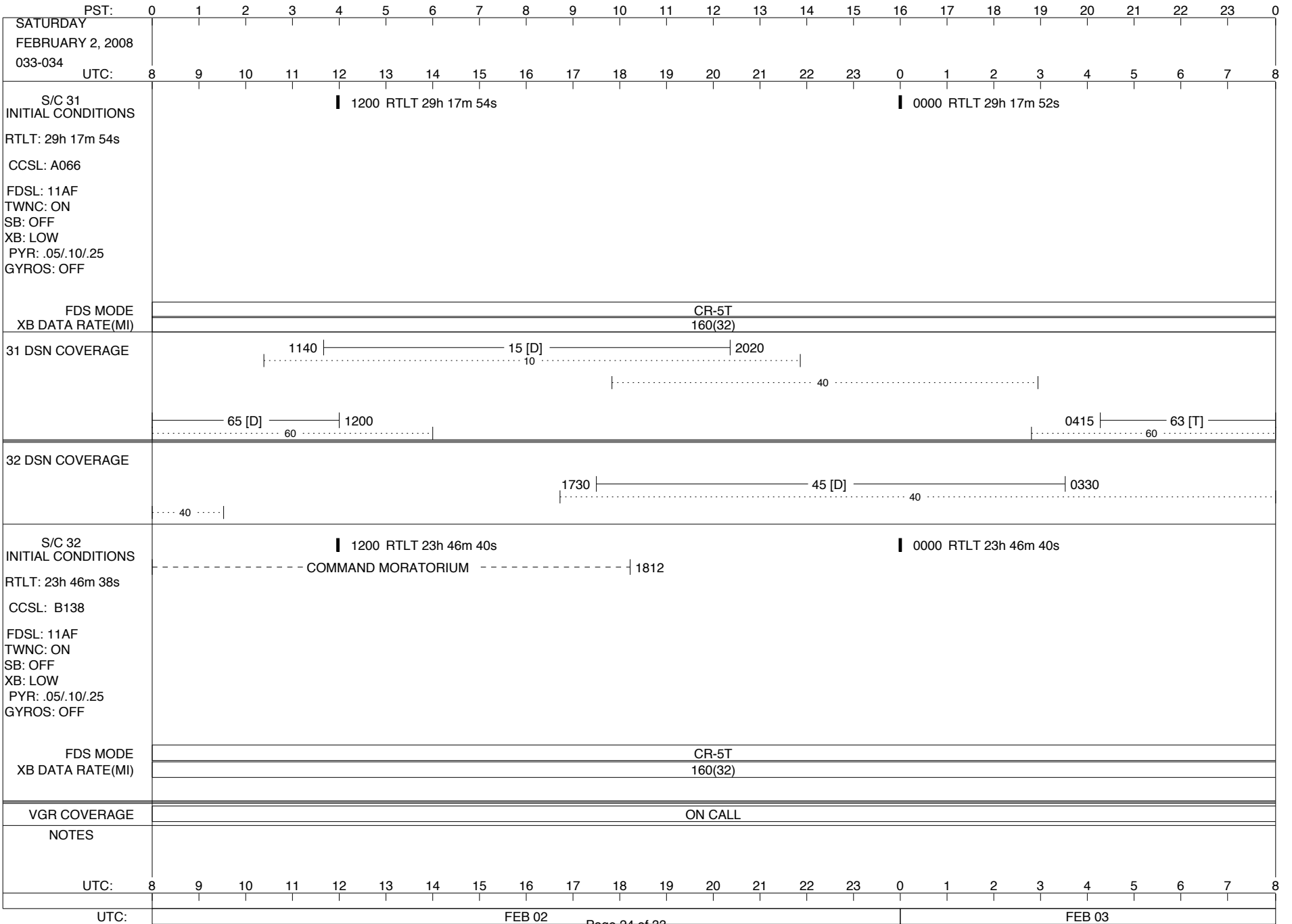


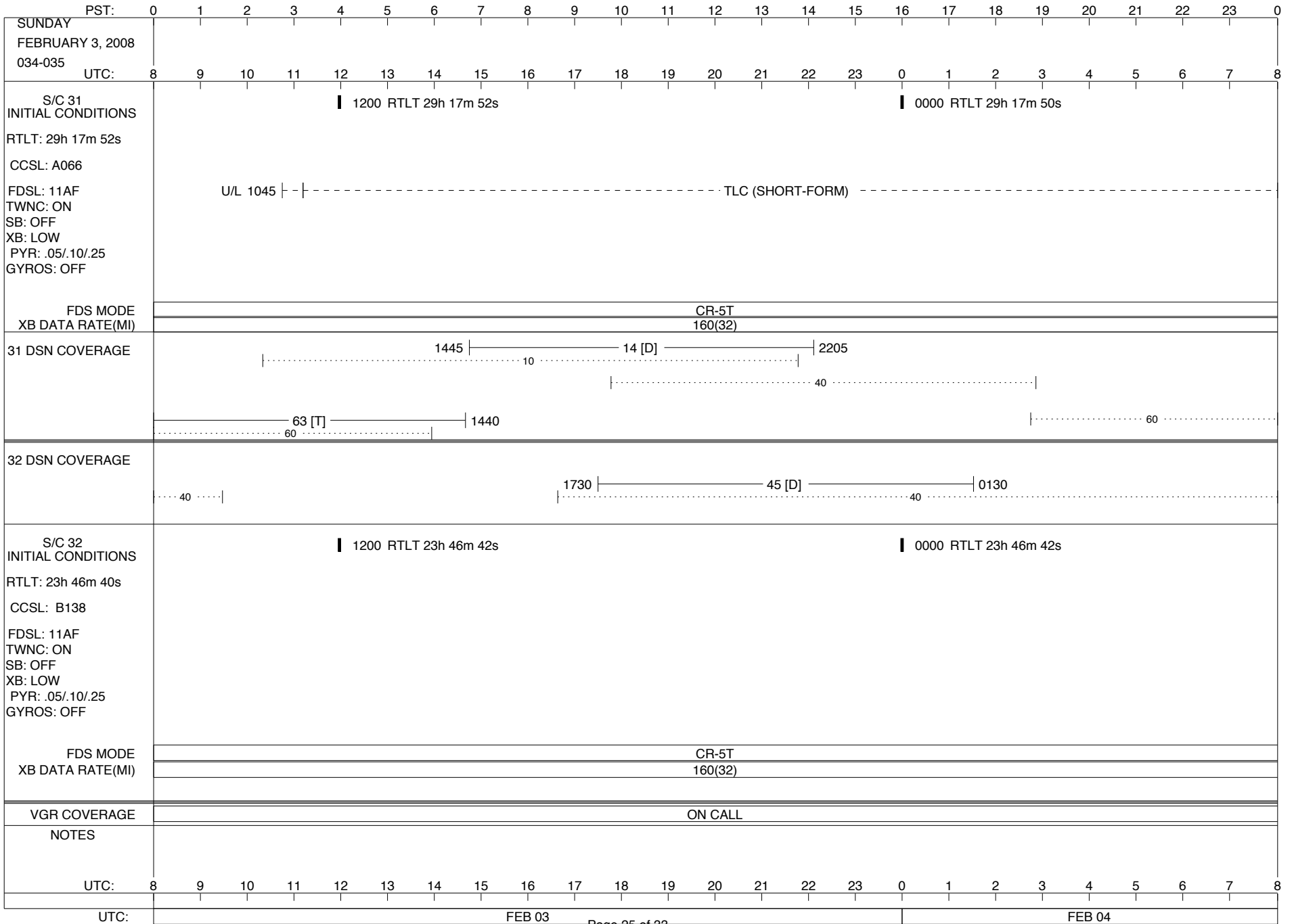
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FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
31 DSN COVERAGE	<p>1155 ----- 15 [D] ----- 1800</p> <p>..... ----- 10 ----- </p> <p>..... ----- 40 ----- </p> <p>..... ----- 60 ----- </p> <p>..... ----- 0440 ----- 65 [D] ----- </p> <p>..... ----- 60 ----- </p>																											
32 DSN COVERAGE	<p>..... ----- 40 ----- </p> <p>..... ----- 1900 ----- 43 [D] ----- 0155</p> <p>..... ----- 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												0000 RTLTL 23h 46m 32s															
FDS MODE	CR-5T												CR-5T				CR-5T				CR-5T							
XB DATA RATE(MI)	160(32)												160(32)				160(32)				160(32)							
VGR COVERAGE	ON CALL												VGR								ON CALL							
NOTES	<p>[1] S/C 32=EL-40 @ 2149 XB=40(30)</p> <p>[2] S/C 32=CR-5T @ 2224 XB=160(32)</p> <p>[3] S/C 32=EH-12 @ 1015 XB=1.2K(39)</p> <p>[4] S/C 32=CR-5T @ 0114 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			
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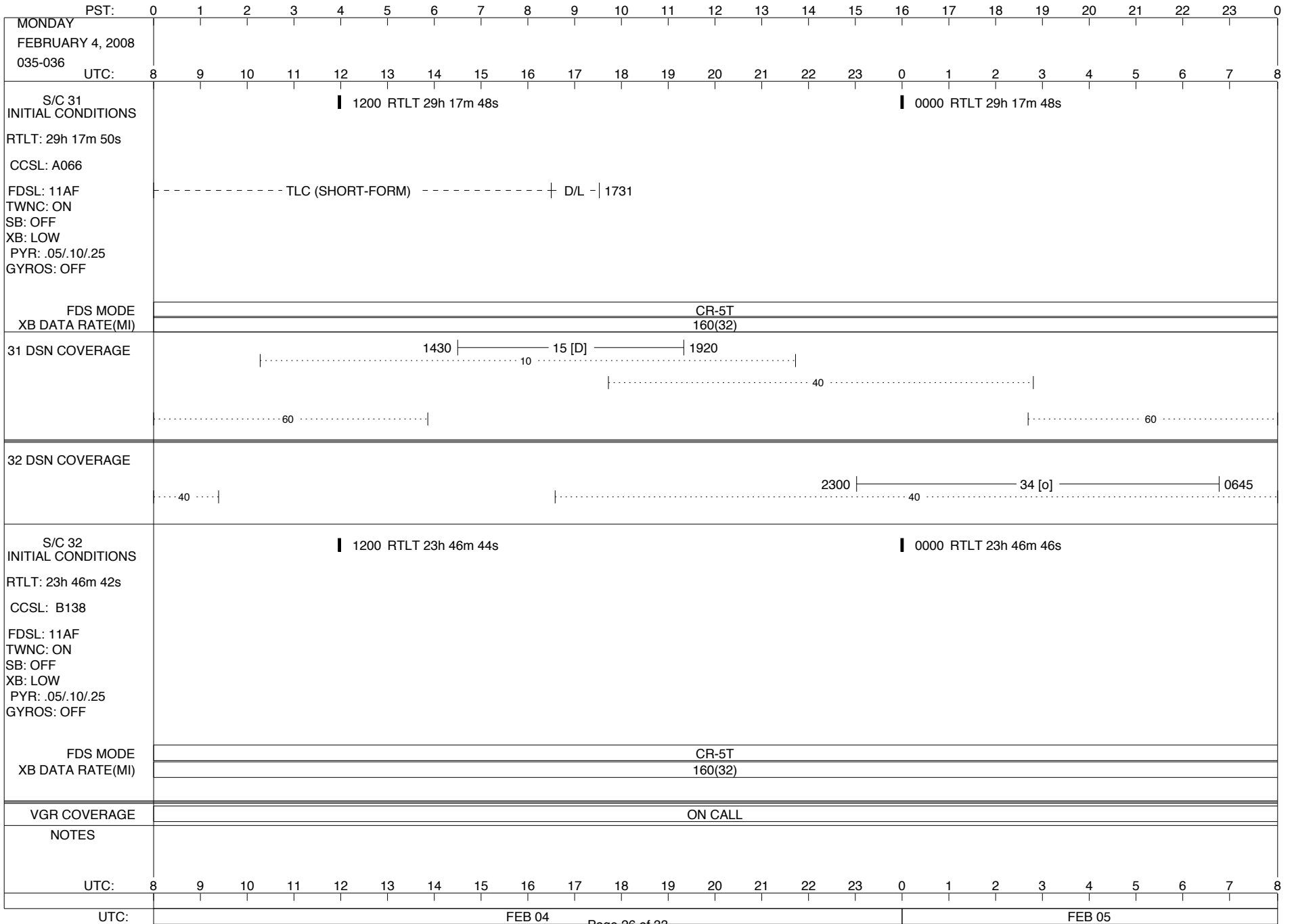


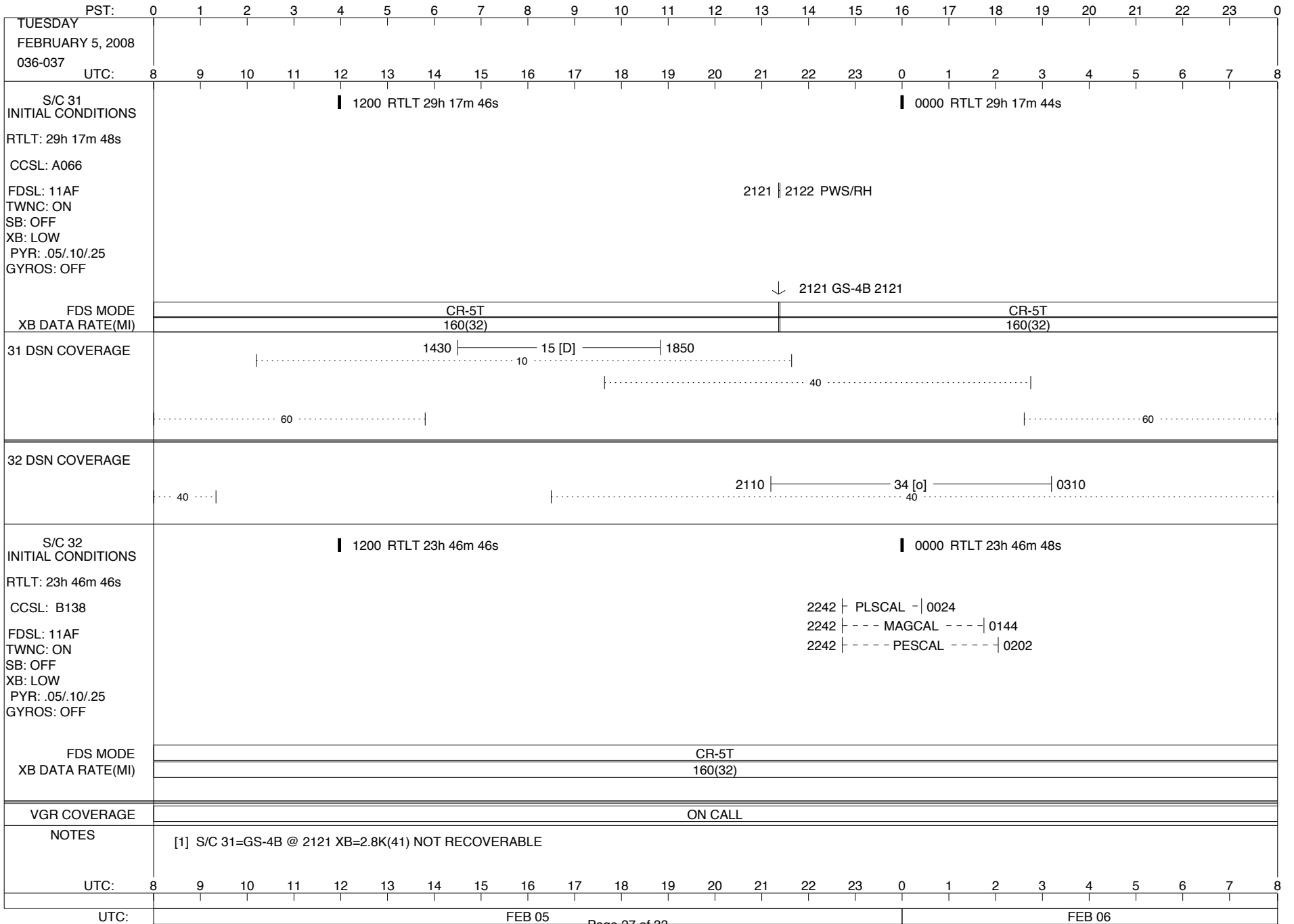
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FEBRUARY 1, 2008																													
032-033																													
UTC:		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS		1200 RTLT 29h 17m 56s												0000 RTLT 29h 17m 54s															
RTLT: 29h 17m 56s		↓ 1300 BAY 1 HTR OFF ↓ 1304 X/B HI POWER ↓ 1338 AAI 1341 ----- MAGROL ----- 1936												0043 - 0111 TAPPOS 0345 0346 PWS/RH TAPPOS 0552 0607 ↓ 1929 RAI ↓ 1936 GYROS OFF ↓ 1936 CRU ↓ 2000 X/B LOW POWER ↓ 2004 BAY 1 HTR ON ↓ 0345 GS-4B 0346															
CCSL: A066																													
FDSL: 11AF																													
TWNC: ON																													
SB: OFF																													
XB: LOW																													
PYR: .05/.10/.25																													
GYROS: AB ON																													
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"> 1445 ----- 15 [DA] ----- 2045 1445 ----- 25 [DAR] ----- 2045 65 [D] ----- 1245 ----- 1225 ----- 63 [D] ----- 1450 40 ----- 2000 ----- 2330 40 ----- 1730 ----- 2020 60 ----- 1225 ----- 1450 60 ----- 0430 ----- 65 [D] ----- 																											
32 DSN COVERAGE		<p>Timeline for S/C 32 DSN COVERAGE:</p> <ul style="list-style-type: none"> 40 ----- 1730 ----- 2020 2000 ----- 34 [D] ----- 2330 																											
S/C 32 INITIAL CONDITIONS		1200 RTLT 23h 46m 36s												0000 RTLT 23h 46m 38s															
RTLT: 23h 46m 34s		----- COMMAND MORATORIUM -----																											
CCSL: B138																													
FDSL: 11AF																													
TWNC: ON																													
SB: OFF																													
XB: HI																													
PYR: .05/.10/.25																													
GYROS: OFF																													
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 VARIATIONS EXPECTED DURING MAGROL (1341-1936) [2] S/C 31=GS-4B @ 0345 XB=2.8K(41) NOT RECOVERABLE																											
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ISSUE DATE: 01/22/08 17:49



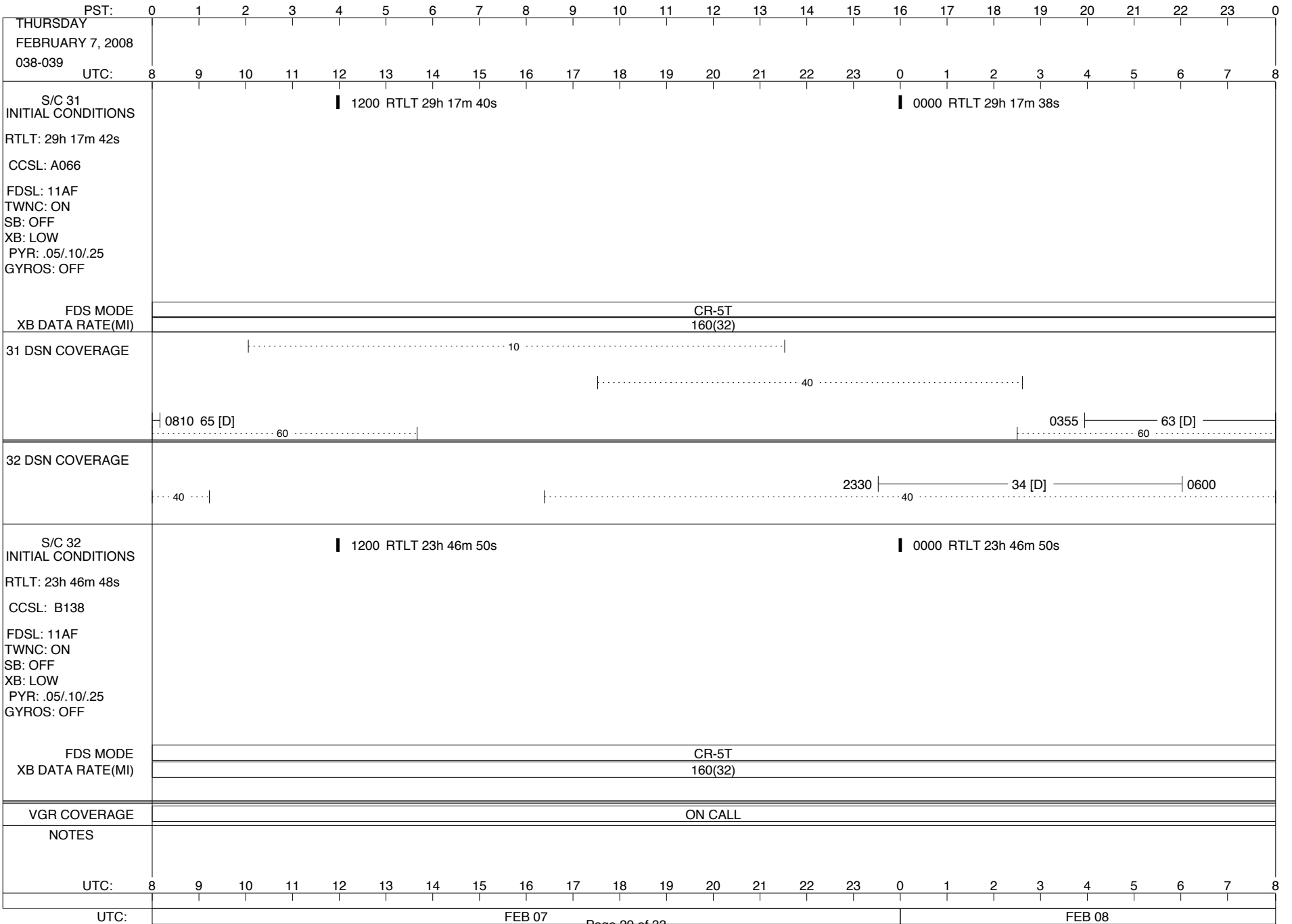






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FDS MODE XB DATA RATE(MI)																										
31 DSN COVERAGE																										
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS RTLTL: 23h 46m 48s CCSL: B138 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF					█ 1200																					
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	
UTC:	FEB 06													FEB 07												

ISSUE DATE: 01/22/08 17:49



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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>..... ----- 0410 ----- 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																				

ISSUE DATE: 01/22/08 17:49

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			
SATURDAY FEBRUARY 9, 2008 040-041																												
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 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	<p>1155 ----- 15 [D] ----- 2010</p> <p>..... ----- 10 ----- 40</p> <p>65 [D] ----- 1215</p> <p>..... ----- 60 ----- 0400 ----- 65 [D]</p> <p>..... ----- 60 ----- 60</p>																											
32 DSN COVERAGE	<p>1900 ----- 45 [D] ----- 2145</p> <p>..... ----- 2125 ----- 40 ----- 43 [D] ----- 0530</p> <p>..... ----- 40 ----- 40</p>																											
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)														* EL-40 2215 ↓				* ↓ 2315 CR-5T				CR-5T 160(32)					
VGR COVERAGE	ON CALL														VGR				ON CALL									
NOTES	<p>[1] S/C 32=EL-40 @ 2215 XB=40(30)</p> <p>[2] S/C=32 CR-5T @ 2315 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:	FEB 09														FEB 10													

ISSUE DATE: 01/22/08 17:49

