

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: January 28, 2004

For the Period: 01/29/04 to 02/15/04 (04-029 - 04-046)

DSN OPSCHIEF (1) 230-102

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
 *pqach@airmail.ftops.jpl.nasa.gov
 *mrobles@airmail.ftops.jpl.nasa.gov
 *rwilliam@airmail.ftops.jpl.nasa.gov

OTHER (2)

Espejo, P. 507-215
 Wallace, L 507-215
 * KMassey@jgld.gdscc.nasa.gov
 * Byron.G.Yetter@jpl.nasa.gov
 * Belinda.Arroyo@jpl.nasa.gov
 * Ruben.P.Espinueva@jpl.nasa.gov
 * Karen.E.Yetter@jpl.nasa.gov
 * MCarmichael@jftl.jpl.nasa.gov

SCIENCE (1)

Wong, R. 600-100
 CRS *bryant@mail630.gsfc.nasa.gov
 LECP *r.decker@jhuapl.edu
 UVS *holburg@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

FLIGHT TEAM (17) 600-100

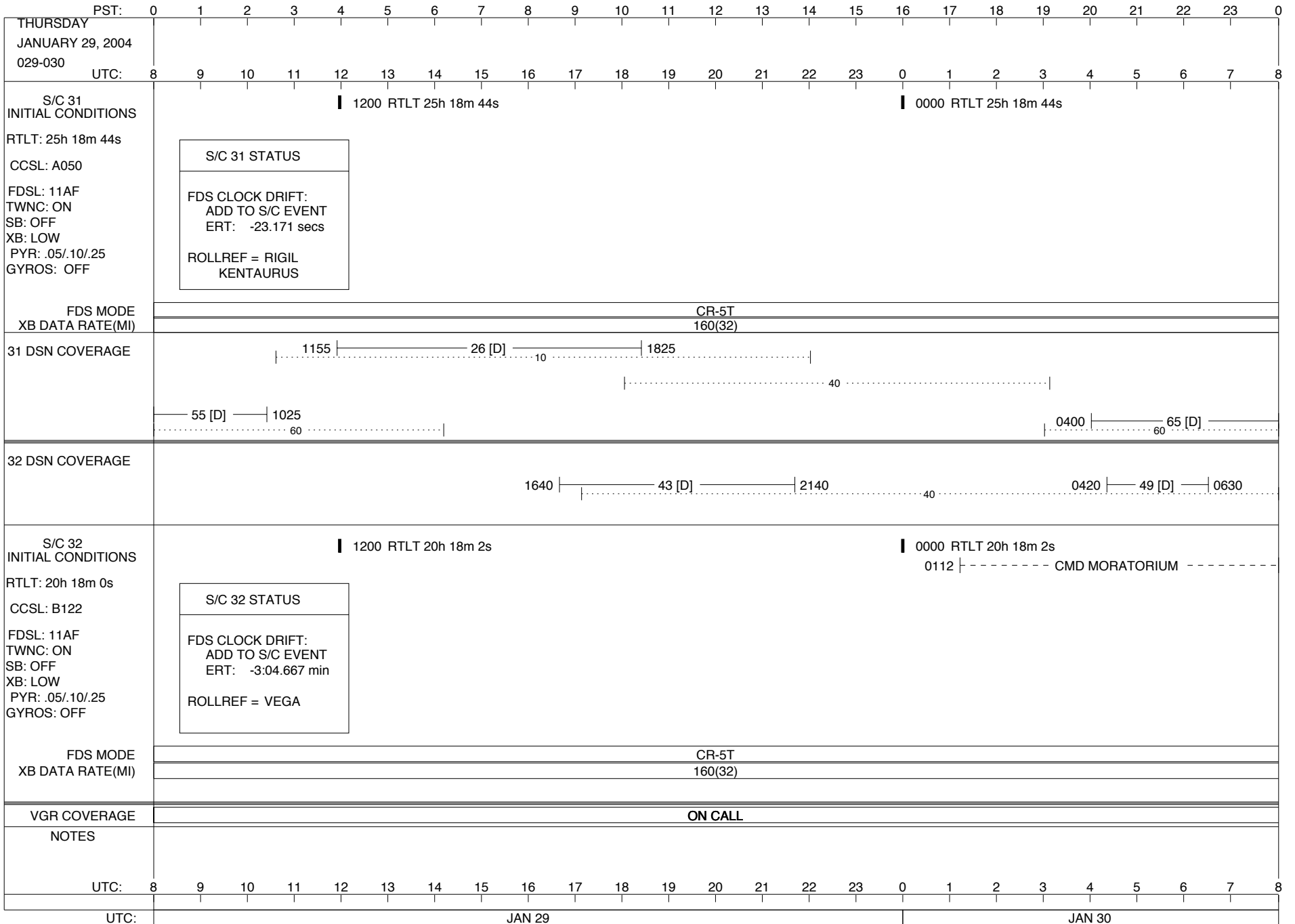
Hall, J.
 Hogle, T. (2)
 Howard, S. (3)
 Ludwig, R. (2)
 Massey, Ed
 Matsumoto, S.
 Medina (AACS)
 Poynter, R.
 Presley (3) (DSE)
 Weeks, T.
 Zottarelli, L.
 *charlotte.m.weiss@jpl.nasa.gov
 *odivers@san.rr.com

NOPEs (1) 507-120
 Millner, I

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
 D = Downlink only pass
 A = Arrayed station
 U = Uplink only pass
 B = BLF
 [o] = Ramp-through
 H = High Power Transmitter
 T = TLC Uplink

*Electronic Copy Only
 (23 – Dist/N: Paper Copies)
 11/25/03

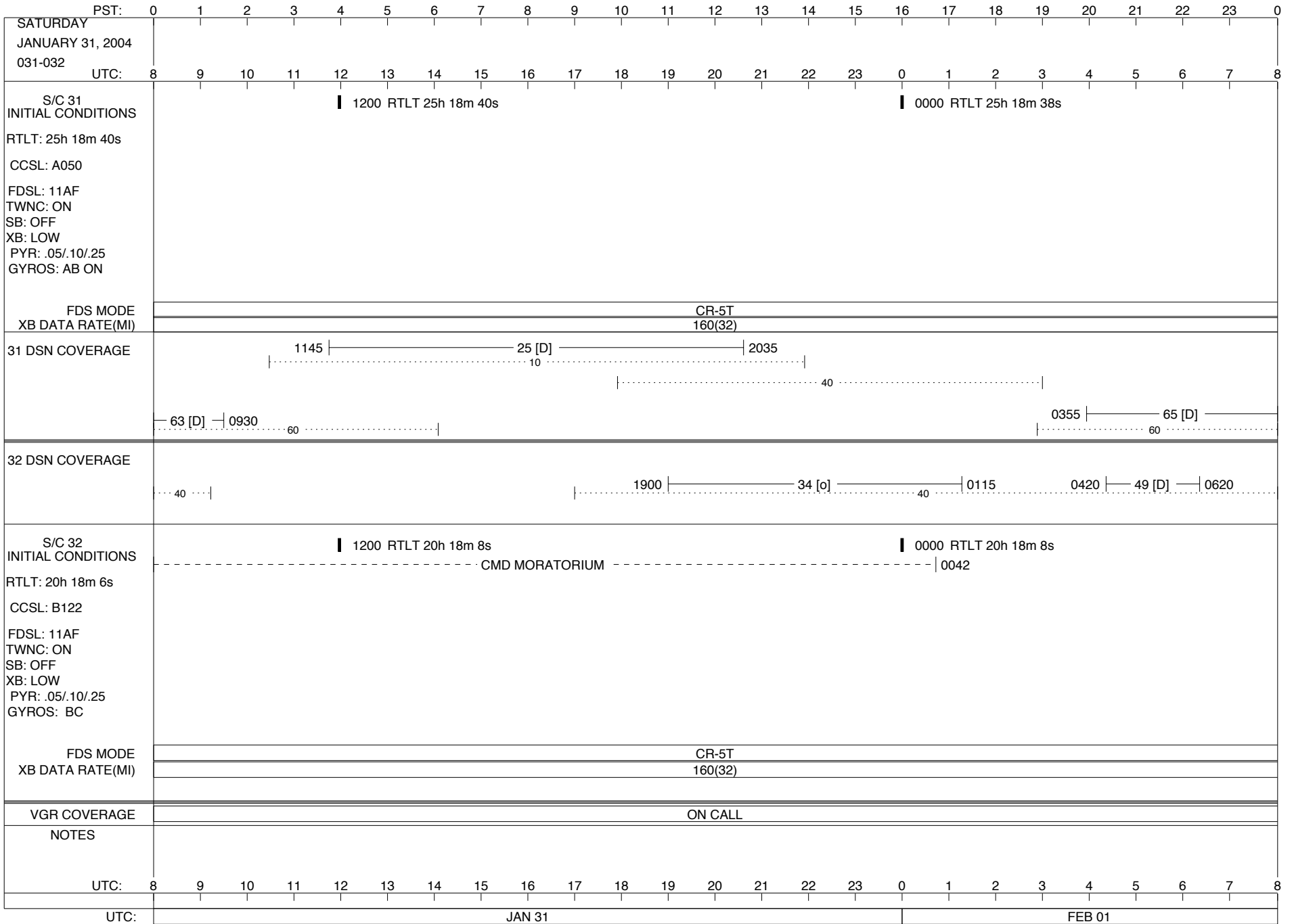
ISSUE DATE: 01/28/04 06:43



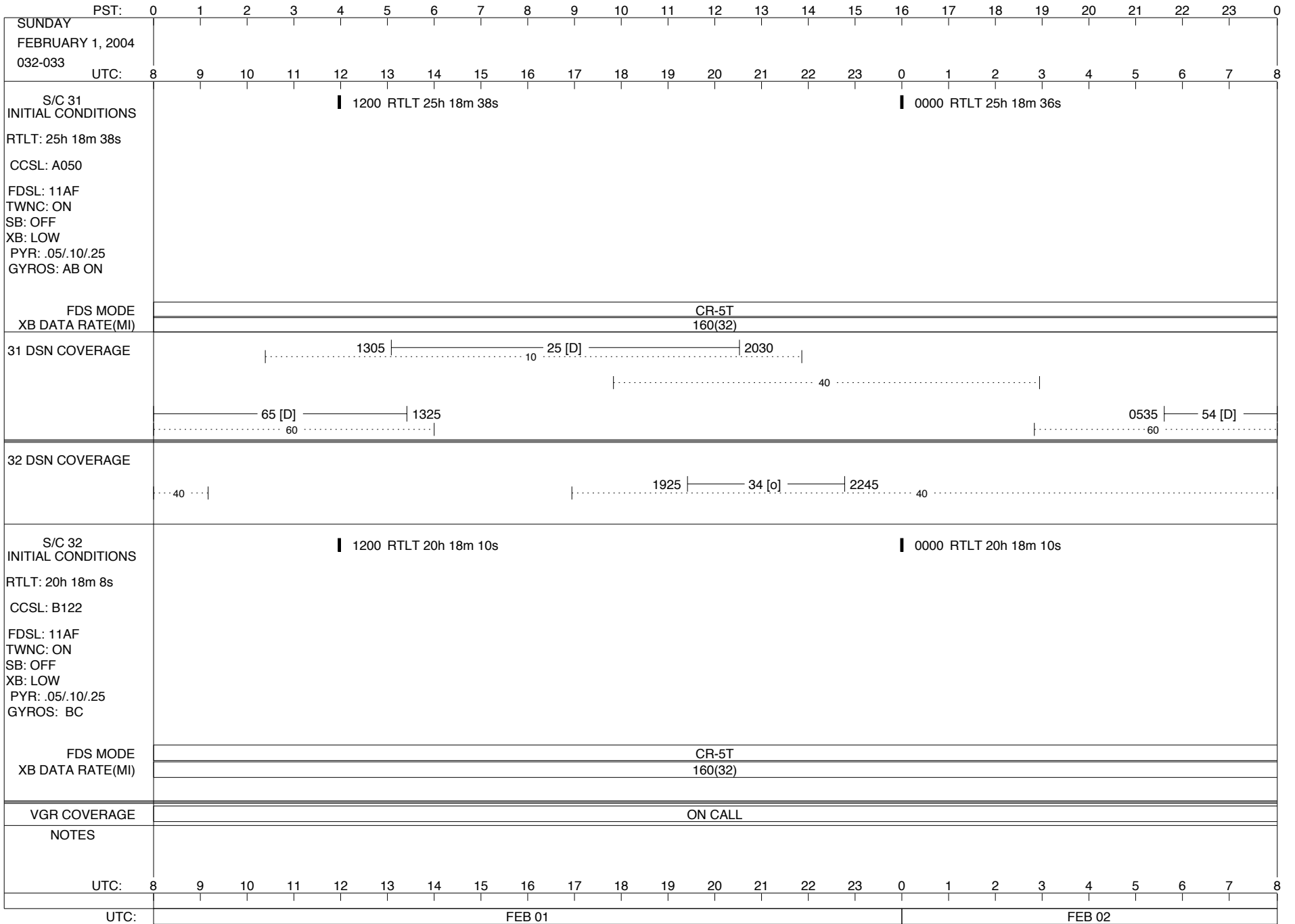
ISSUE DATE: 01/28/04 06:43

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										
FRIDAY JANUARY 30, 2004 030-031																																				
S/C 31 INITIAL CONDITIONS RTLT: 25h 18m 44s CCSL: A050 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 25h 18m 42s ↓ 1340 GYRO INIT ↓ 1340 GYROS AB ON ↓ 1350 GYRO FAULT TEST 1443 1456 CCSTIM(B)														0000 RTLT 25h 18m 40s TAPPOS 0729 - 0757 - 0219 - - 0301 TAPPOS 0521 0522 PWS/RH 0522 GS-4B 0522 ↓ 0522																				
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)														CR-5T 160(32)																				
31 DSN COVERAGE		<p>Timeline for 31 DSN Coverage:</p> <ul style="list-style-type: none"> 1105 ----- 15 [D] ----- 1500 1440 ----- 10 ----- 2205 65 [D] ----- 60 ----- 1125 4055 ----- 60 ----- 63 [D] 																																		
32 DSN COVERAGE		<p>Timeline for 32 DSN Coverage:</p> <ul style="list-style-type: none"> 40 ----- 1635 ----- 43 [D] ----- 0000 40 ----- 0420 ----- 49 [D] ----- 0625 																																		
S/C 32 INITIAL CONDITIONS RTLT: 20h 18m 2s CCSL: B122 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 20h 18m 4s CMD MORATORIUM ↓ 2100 GYROS BC ON ↓ 2101 GYROS INIT ↓ 2110 GYRO FAULT TEST														0000 RTLT 20h 18m 6s																				
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)																																		
VGR COVERAGE		ON CALL							VGR							ON CALL							VGR							ON CALL						
NOTES		[1] S/C 31=GS-4B @ 0522 XB=2.8K(41) NOT RECOVERABLE																																		
UTC:																																				
UTC:		JAN 30														JAN 31																				

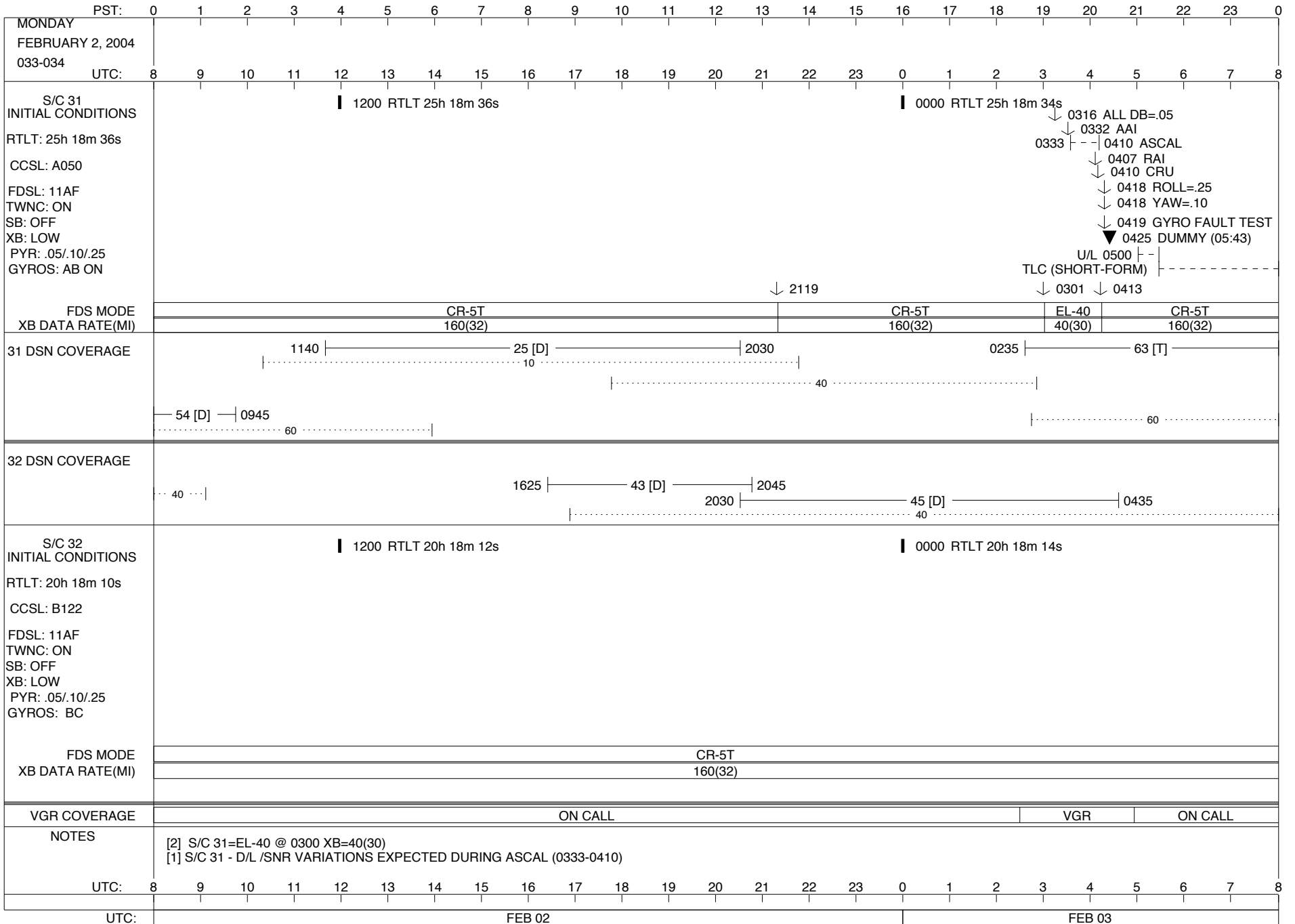
ISSUE DATE: 01/28/04 06:43



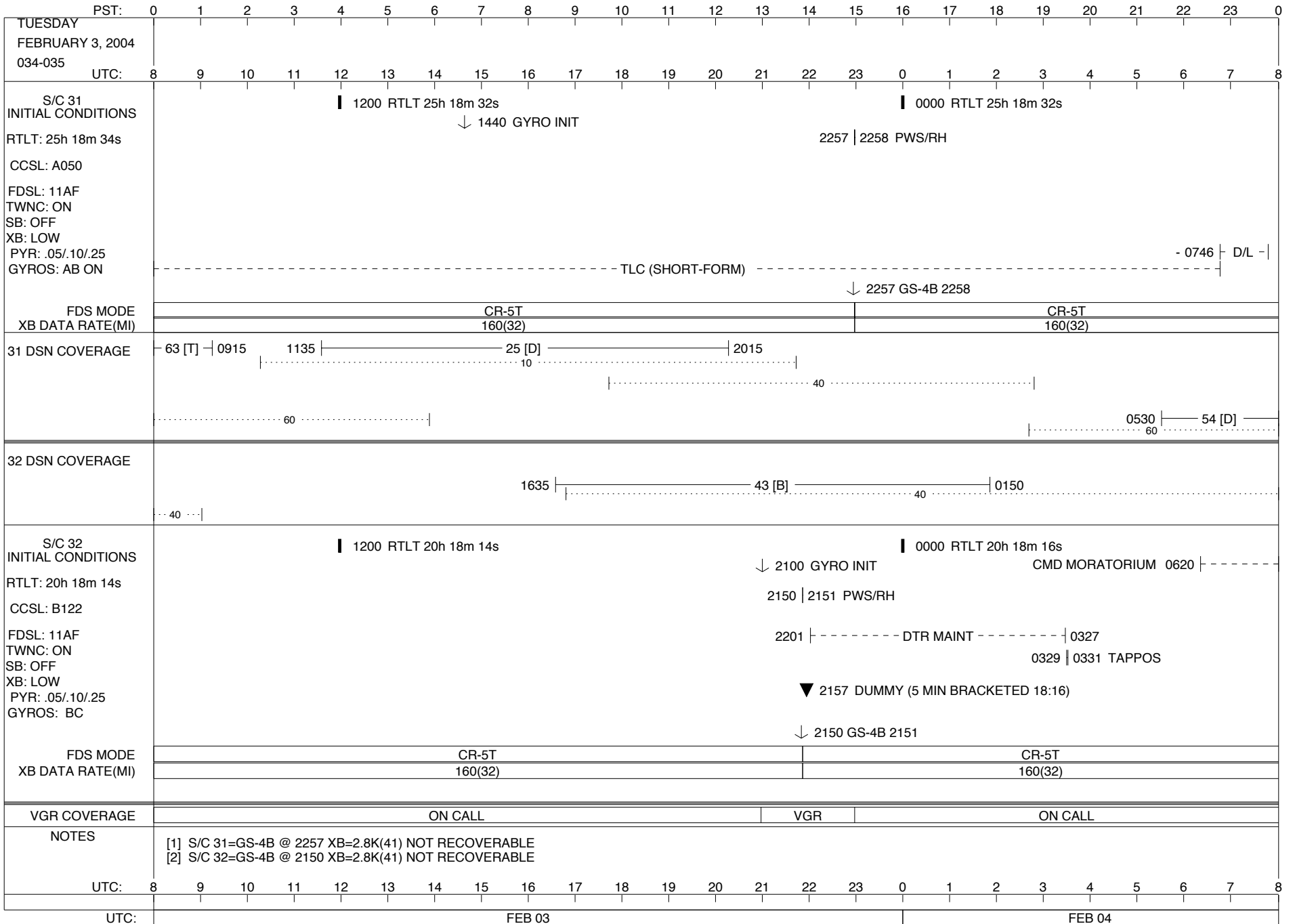
ISSUE DATE: 01/28/04 06:43



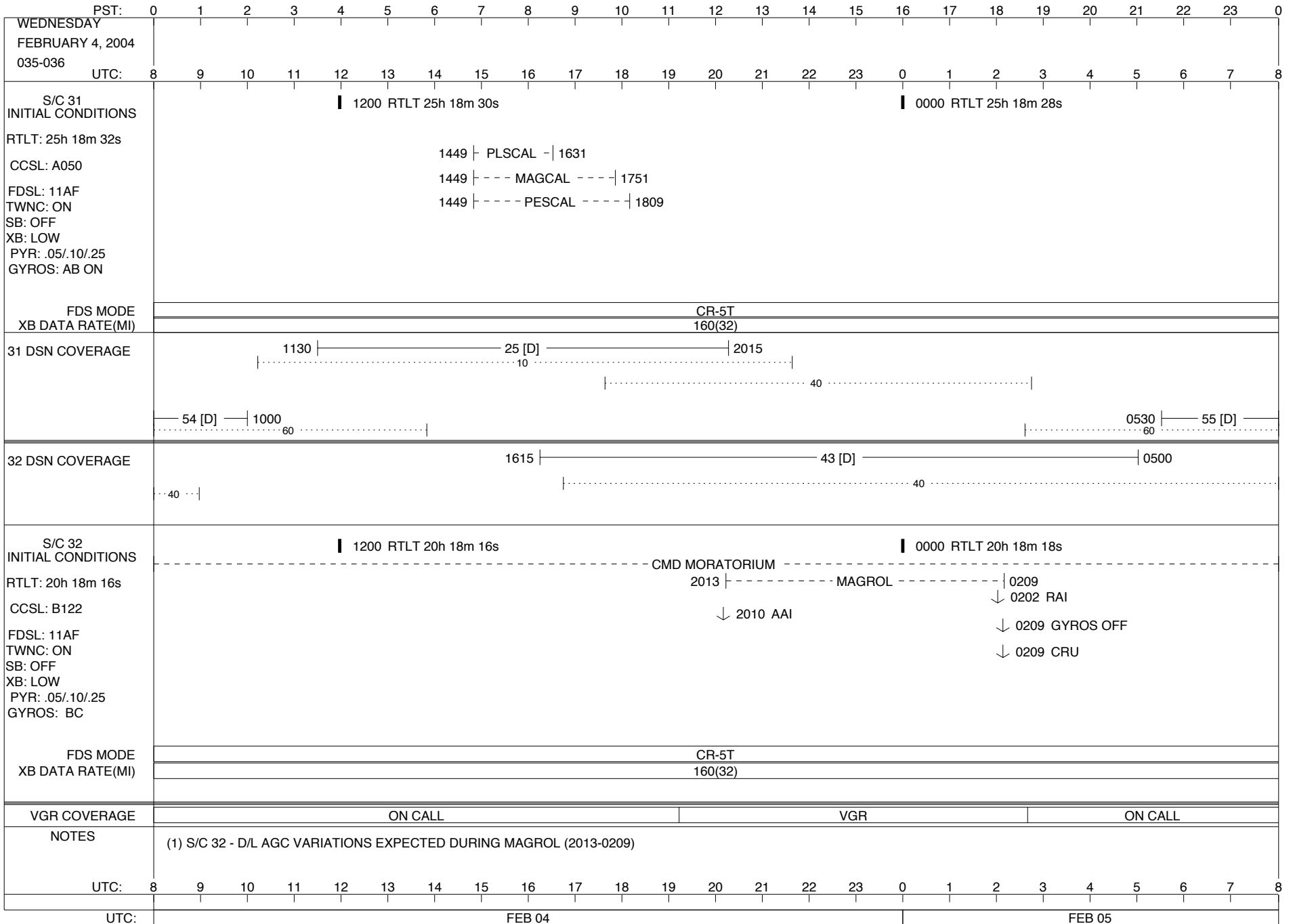
ISSUE DATE: 01/28/04 06:43



ISSUE DATE: 01/28/04 06:43



ISSUE DATE: 01/28/04 06:43

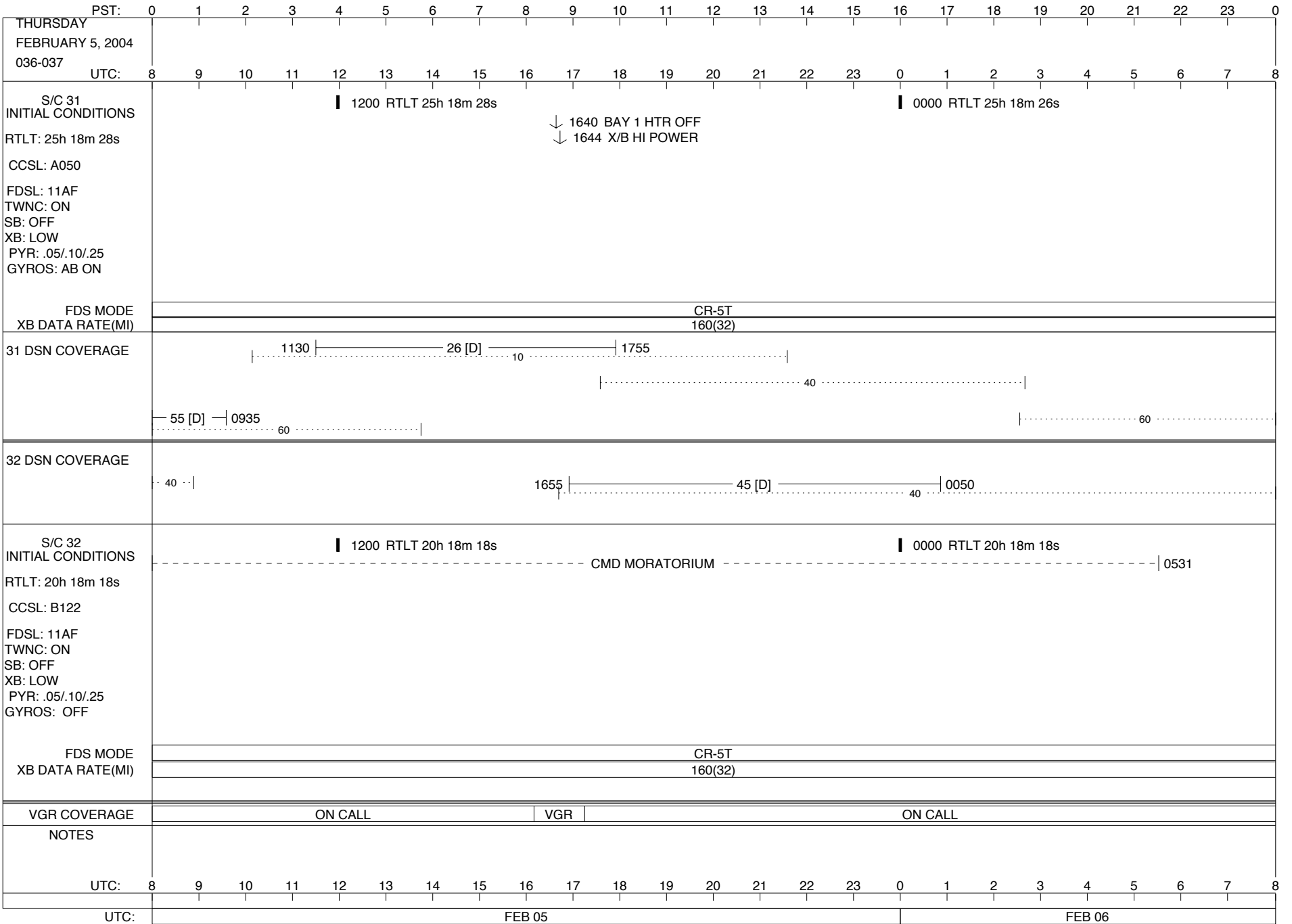


(1) S/C 32 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (2013-0209)

UTC: FEB 04

FEB 05

ISSUE DATE: 01/28/04 06:43



ISSUE DATE: 01/28/04 06:43

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
FEBRUARY 6, 2004
037-038

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: 25h 18m 26s
CCSL: A050
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: AB ON

1200 RTLT 25h 18m 24s
0000 RTLT 25h 18m 22s

1453 |---| 2048
|---|
1450 AAI |---| 2041 RAI
|---|
MAGROL |---| 2048 CRU

0457 || 0458 PWS/RH
0155 |---| 0237 TAPPOS
|---| TAPPOS 0705 - 0733 |---|
↓ 0457 GS-4B 0458

FDS MODE	CR-5T	CR-5T
XB DATA RATE(MI)	160(32)	160(32)

31 DSN COVERAGE

1310 |-----| 14 [D] |-----| 1820
|-----|
|-----| 10 |-----|

1805 |-----| 43 [D] |-----| 2110
|-----|
|-----| 40 |-----|

60 |-----| 0515 |-----| 55 [D] |-----|
|-----| 60 |-----|

32 DSN COVERAGE

40 |-----| 2155 |-----| 43 [D] |-----| 0030
|-----| 40 |-----|

S/C 32
INITIAL CONDITIONS
RTLT: 20h 18m 18s
CCSL: B122
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 20h 18m 20s
0000 RTLT 20h 18m 20s

2254 |---| 2314 AACS MRO
2314 |---| 2325 CCS MRO
2325 |---| 2338 FDS MRO

↓ 2240 1.2K(39) 2338

FDS MODE	CR-5T	EH-12	CR-5T
XB DATA RATE(MI)	160(32)		

VGR COVERAGE ON CALL VGR ON CALL

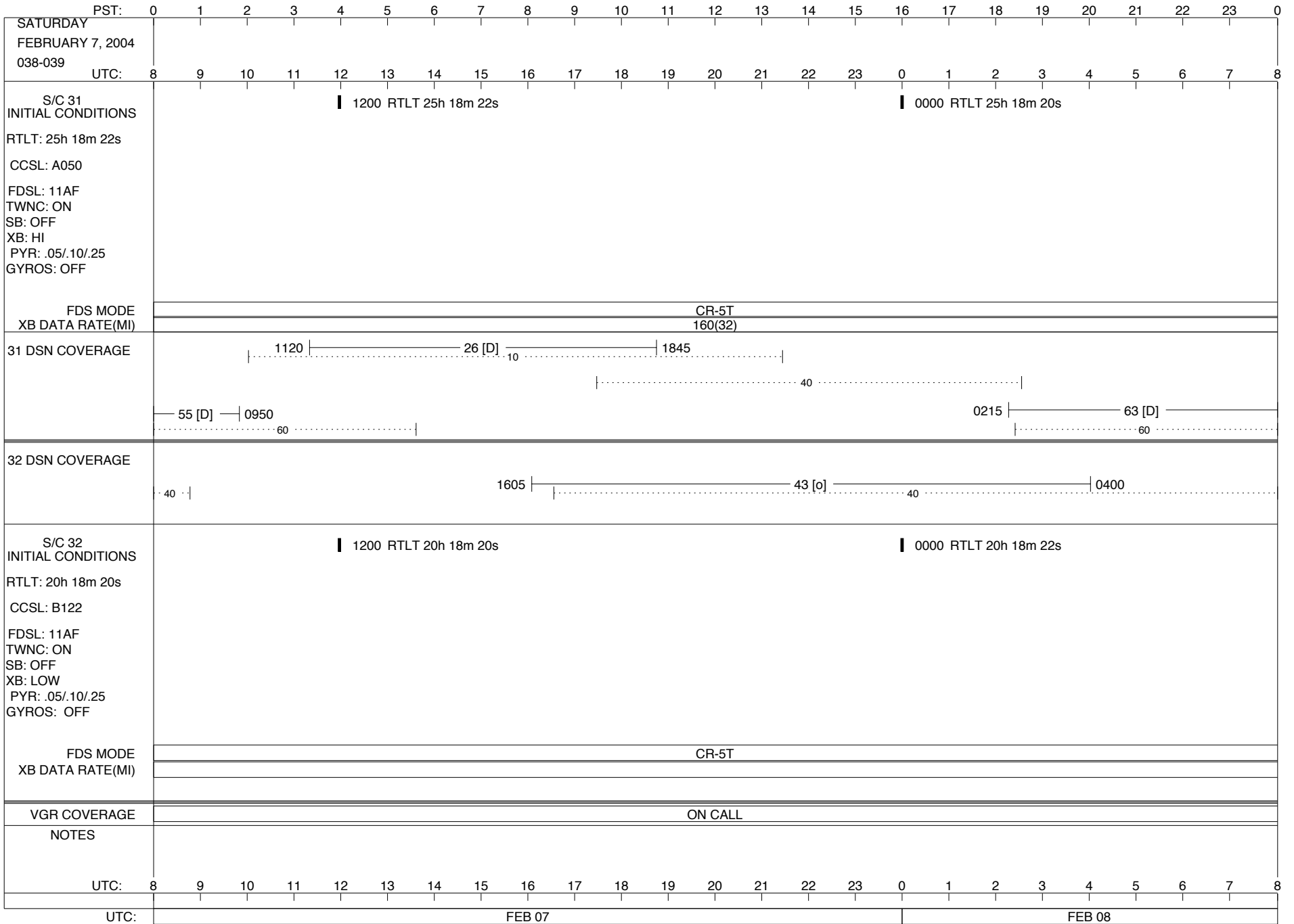
NOTES

[1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (1453-2048)
[2] S/C 31=GS-4B @ 0457 XB=2.8K(41) NOT RECOVERABLE

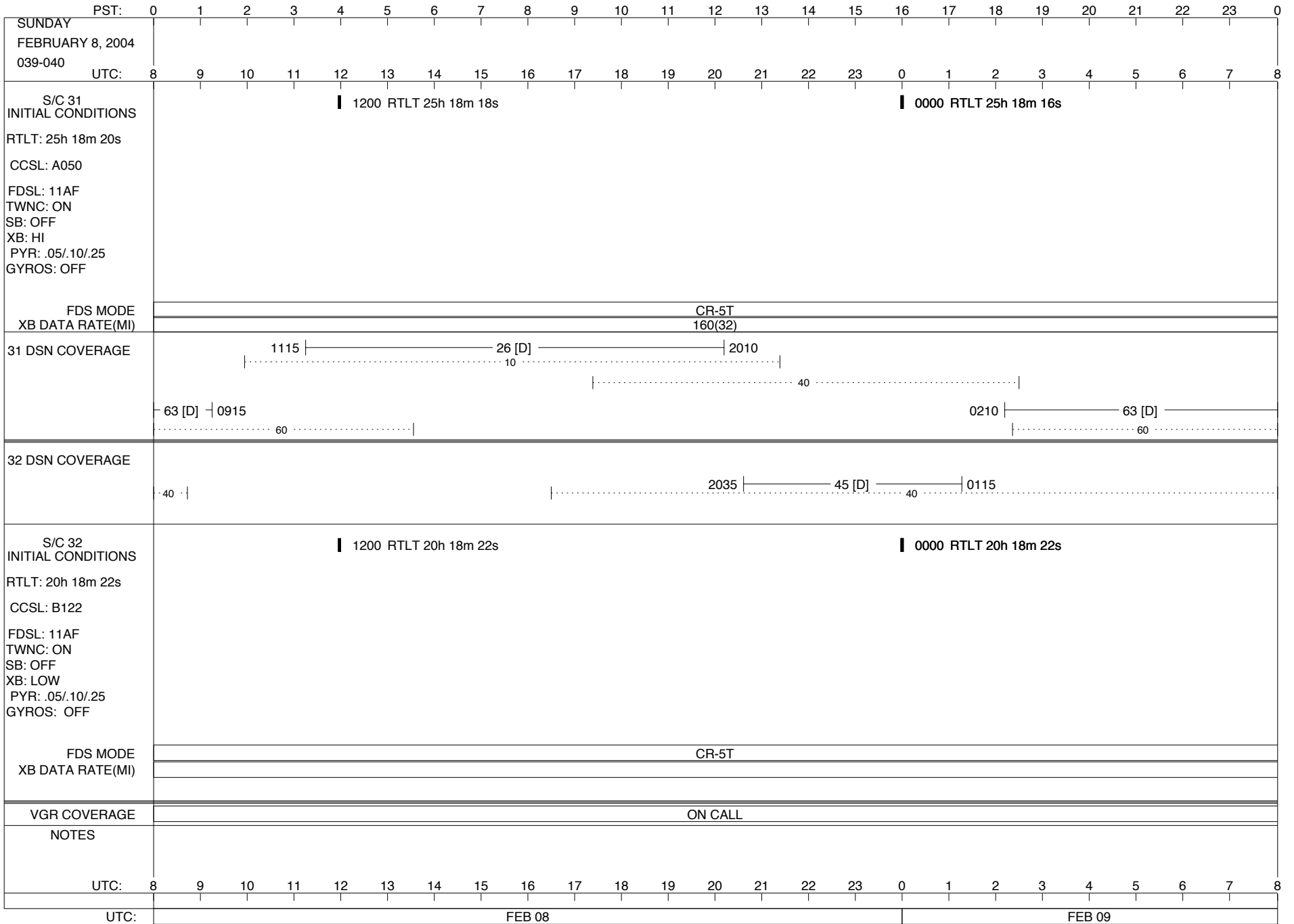
UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

UTC: FEB 06 FEB 07

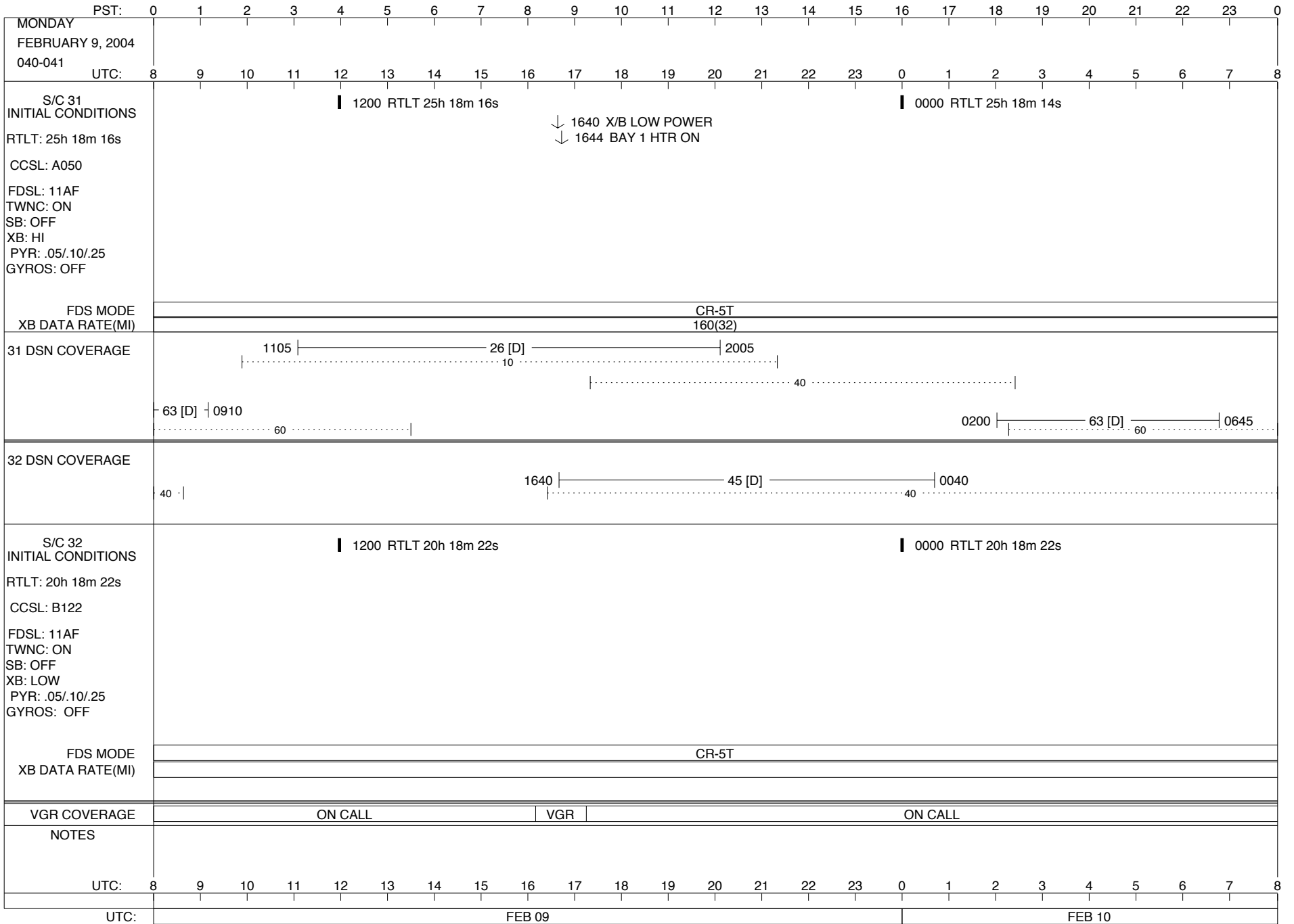
ISSUE DATE: 01/28/04 06:43



ISSUE DATE: 01/28/04 06:43



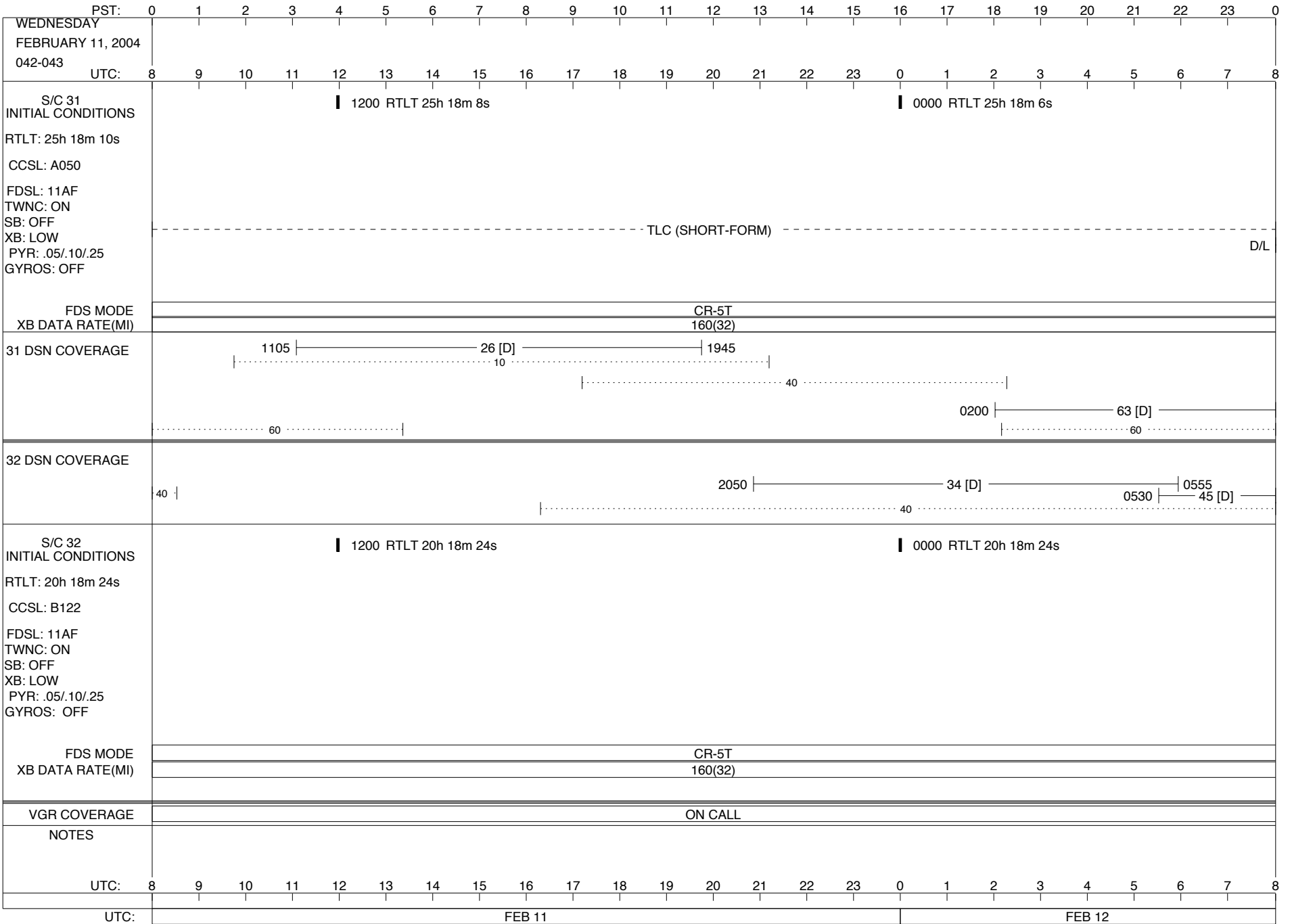
ISSUE DATE: 01/28/04 06:43



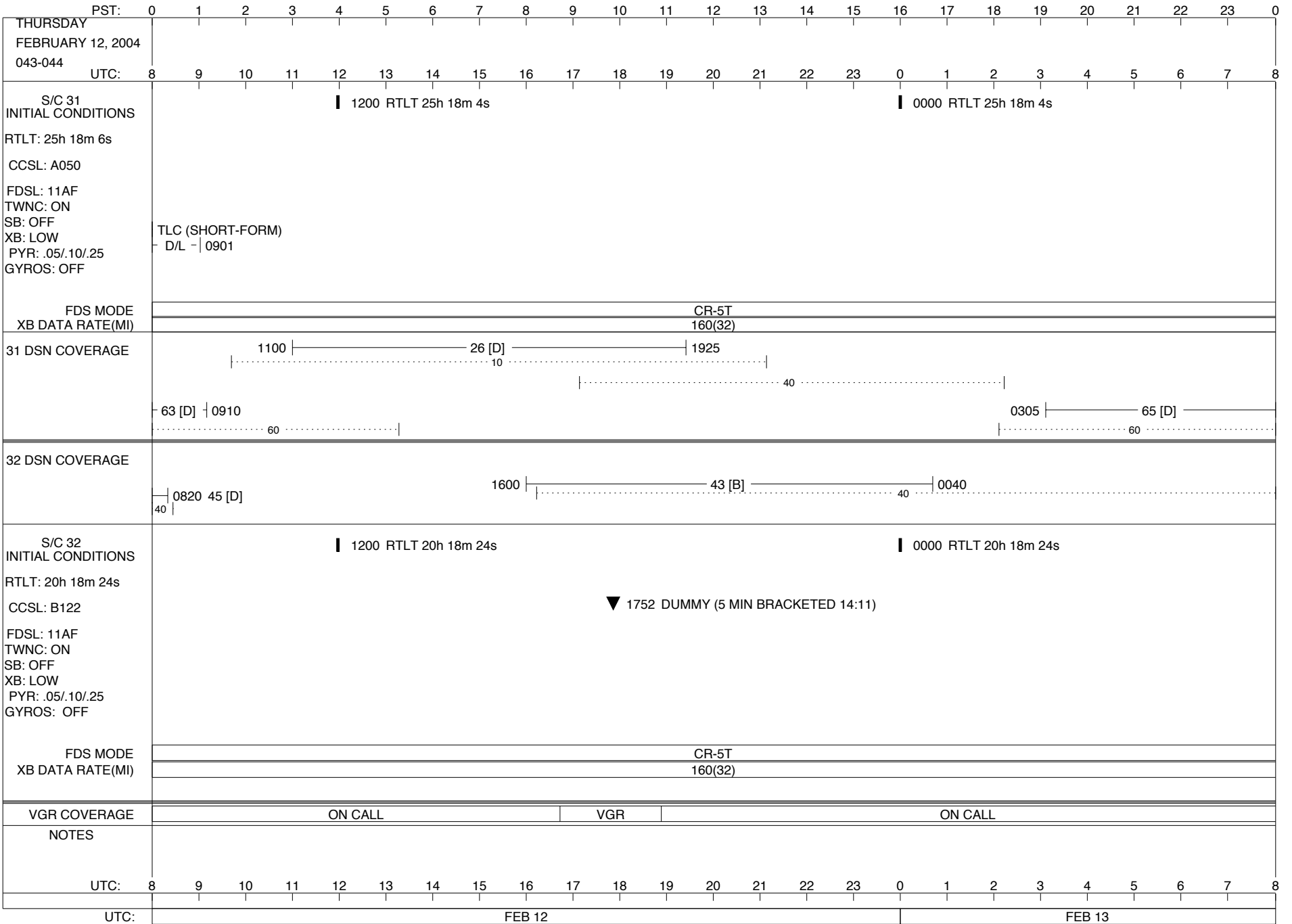
ISSUE DATE: 01/28/04 06:43

TUESDAY FEBRUARY 10, 2004 041-042		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: 25h 18m 14s CCSL: A050 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		<div style="display: flex; justify-content: space-between;"> █ 1200 RTLT 25h 18m 12s █ 0000 RTLT 25h 18m 10s </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> 2233 2234 PWS/RH ▼ 0300 DUMMY (04:18) </div> <div style="text-align: right; margin-top: 10px;"> U/L 0615 - TLC (SHORT-FORM) - - - - - </div> <div style="text-align: center; margin-top: 10px;"> ↓ 2233 GS-4B 2234 </div>																										
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)													CR-5T 160(32)													
31 DSN COVERAGE		<div style="display: flex; justify-content: space-between;"> 1115 ----- 25 [D] ----- 1945 </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> ----- 40 ----- </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> ----- 60 ----- 0200 ----- 63 [T] ----- 0645 </div>																										
32 DSN COVERAGE		<div style="display: flex; justify-content: space-between;"> 40 ----- 1630 ----- 45 [D] ----- 0425 </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> ----- 40 ----- </div>																										
S/C 32 INITIAL CONDITIONS RTLT: 20h 18m 22s CCSL: B122 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		<div style="display: flex; justify-content: space-between;"> █ 1200 RTLT 20h 18m 22s █ 0000 RTLT 20h 18m 24s </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> 2126 2127 PWS/RH </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> 2240 PLSCAL - 0022 </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> 2240 - - - - MAGCAL - - - - 0142 </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> 2240 - - - - PESCAL - - - - 0200 </div> <div style="text-align: center; margin-top: 10px;"> ↓ 2126 GS-4B 2127 </div>																										
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)													CR-5T 160(32)													
VGR COVERAGE		ON CALL													VGR				ON CALL									
NOTES		[1] S/C 31=GS-4B @ 2233 XB=2.8K(41) NOT RECOVERABLE [2] S/C 32=GS-4B @ 2126 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 10													FEB 11													

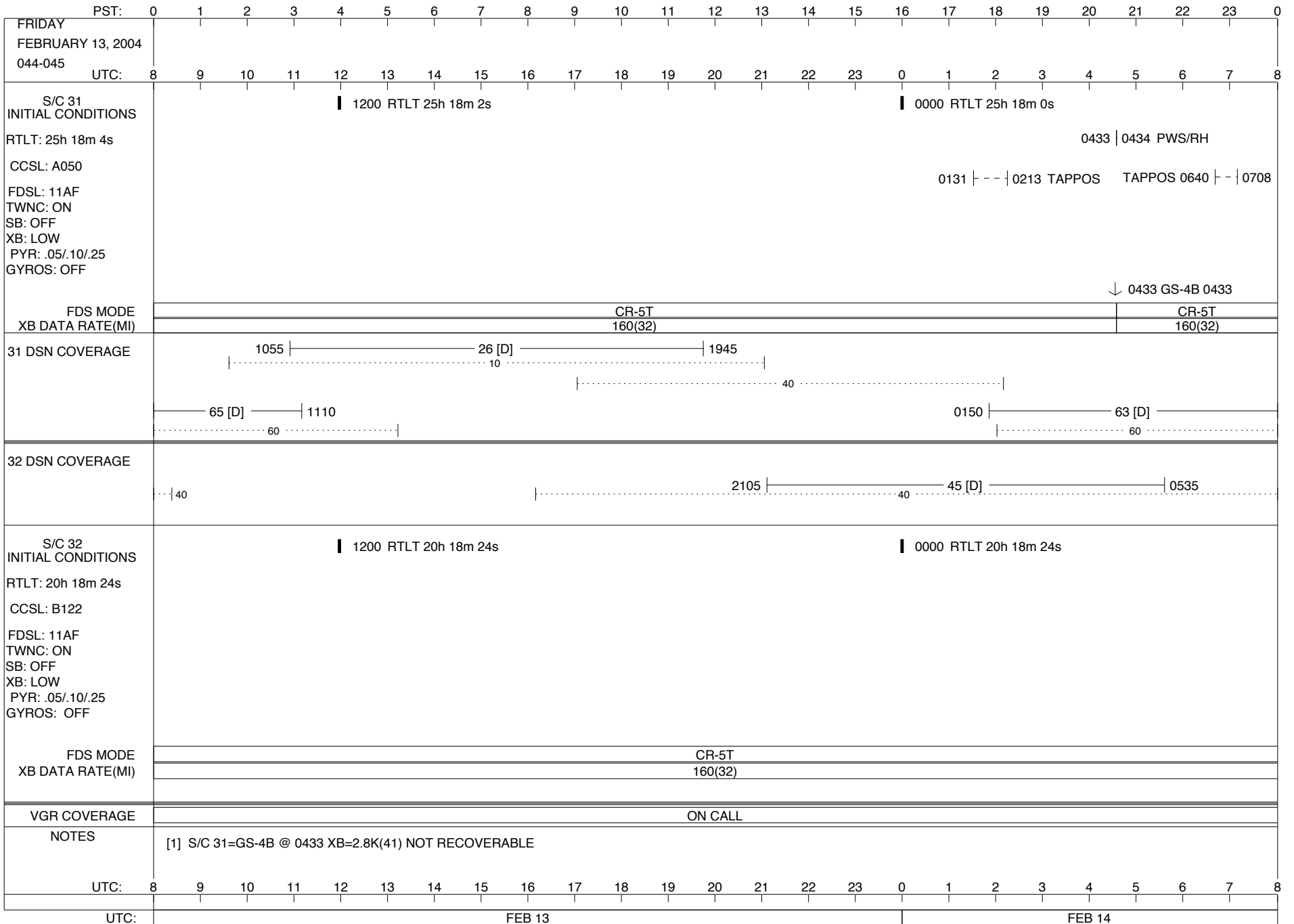
ISSUE DATE: 01/28/04 06:43



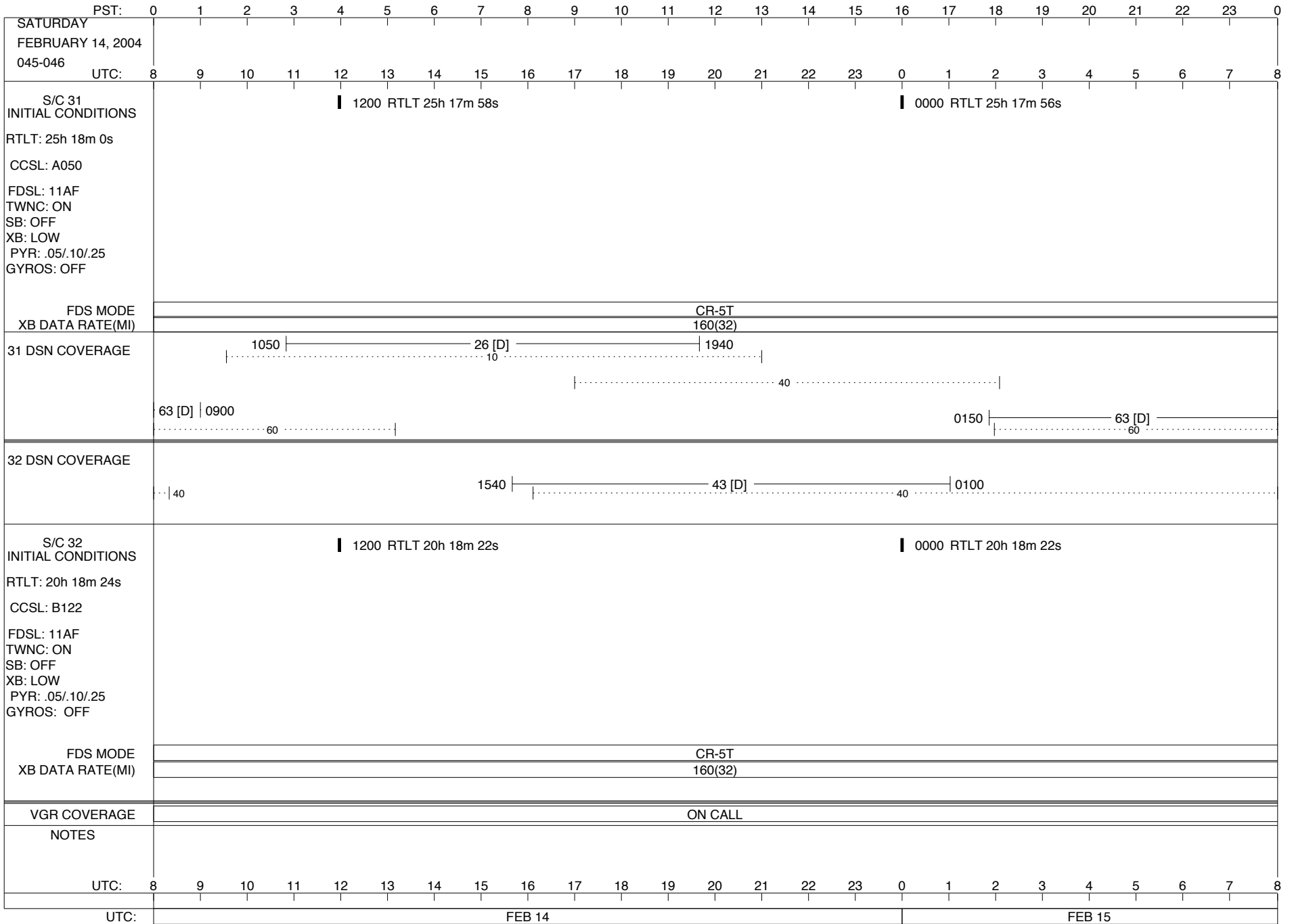
ISSUE DATE: 01/28/04 06:43



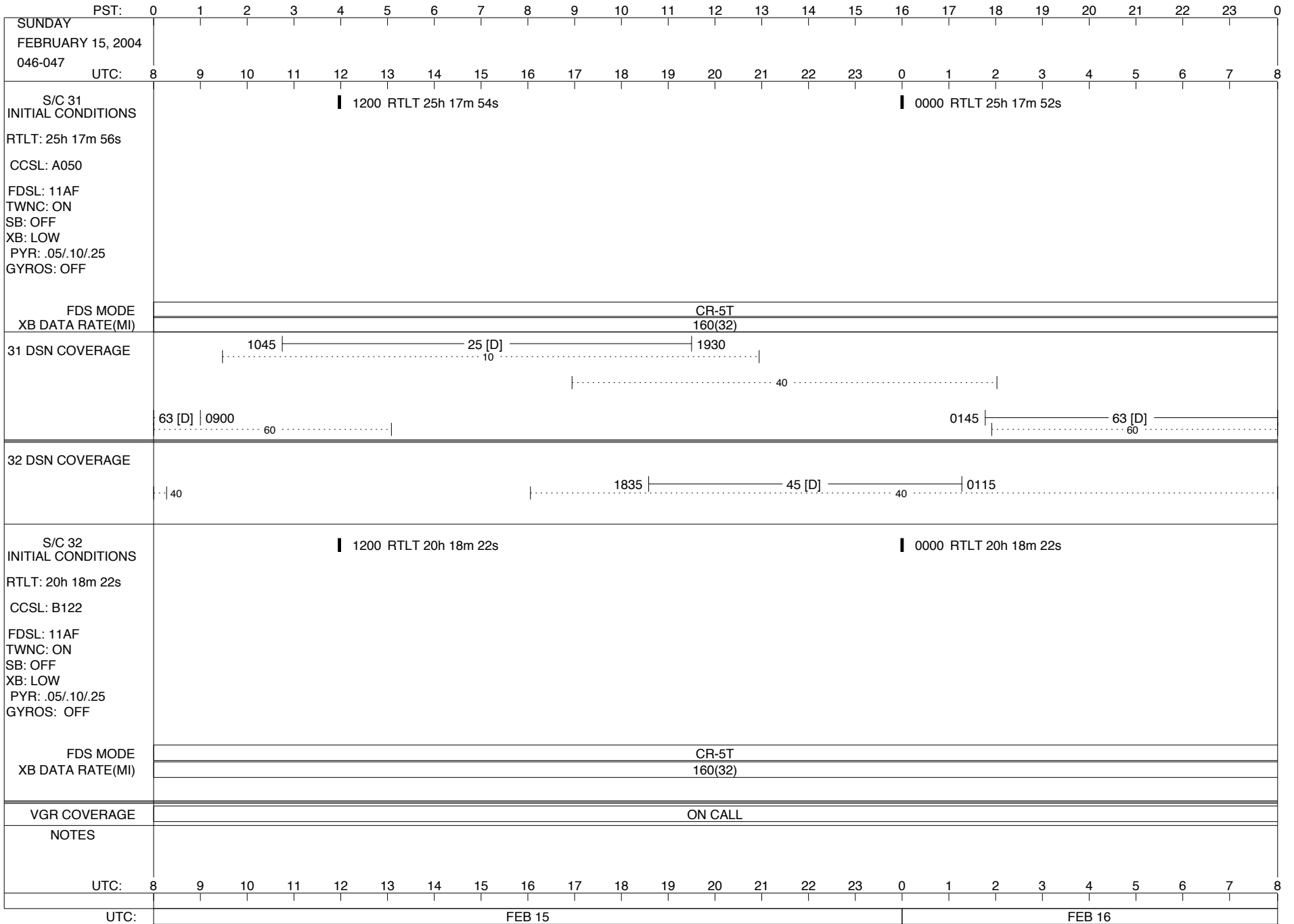
ISSUE DATE: 01/28/04 06:43



ISSUE DATE: 01/28/04 06:43



ISSUE DATE: 01/28/04 06:43



ISSUE DATE: 01/28/04 06:43

