

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: April 14, 2004

For the Period: 04/15/04 to 05/02/04 (04-106 - 04-123)

**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  
 \*pquach@airmail.ftops.jpl.nasa.gov  
 \*mrobles@airmail.ftops.jpl.nasa.gov  
 \*rwilliam@airmail.ftops.jpl.nasa.gov

**OTHER**

\* 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) 600-100**

Wong, R.  
 CRS \*bryant@mail630.gsfc.nasa.gov  
 LECP \*r.decker@jhuapl.edu  
 UVS \*holburg@argus.lpl.arizona.edu  
 MAG \*u2mha@lepvax.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**

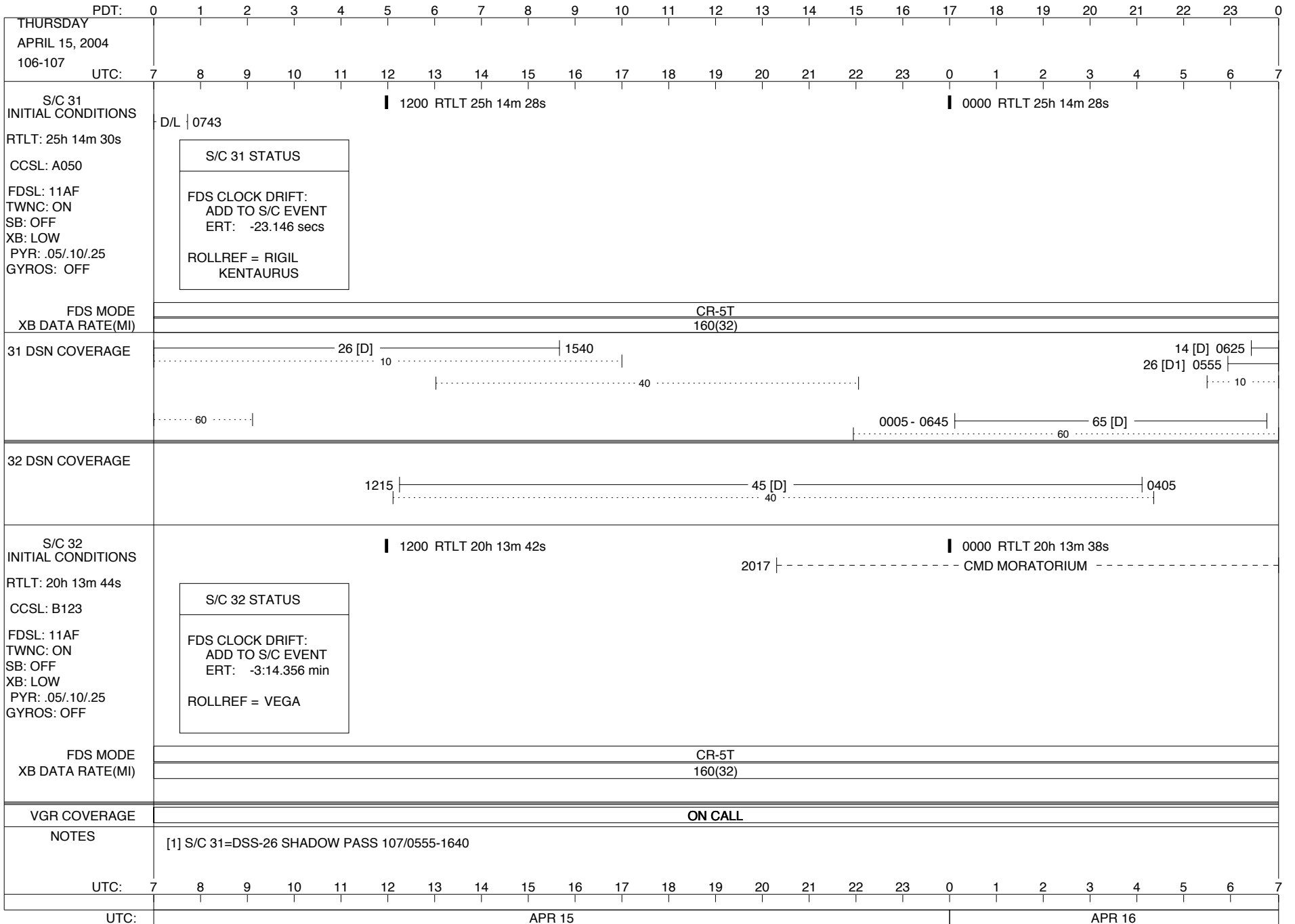
Hall, J.  
 Hogle, T. (2)  
 Howard, S. (3)  
 Ludwig, R. (2)  
 Massey, Ed  
 Matsumoto, S.  
 Medina (AACS)  
 Poynter, R.  
 Presley (3) (DSE)  
 Weeks, T.  
 Zottarelli, L.  
 \*charlotte.m.weiss@jpl.nasa.gov  
 \*odivers@san.rr.com

**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  
 (21 – Dist/N: Paper Copies)  
 04/02/04

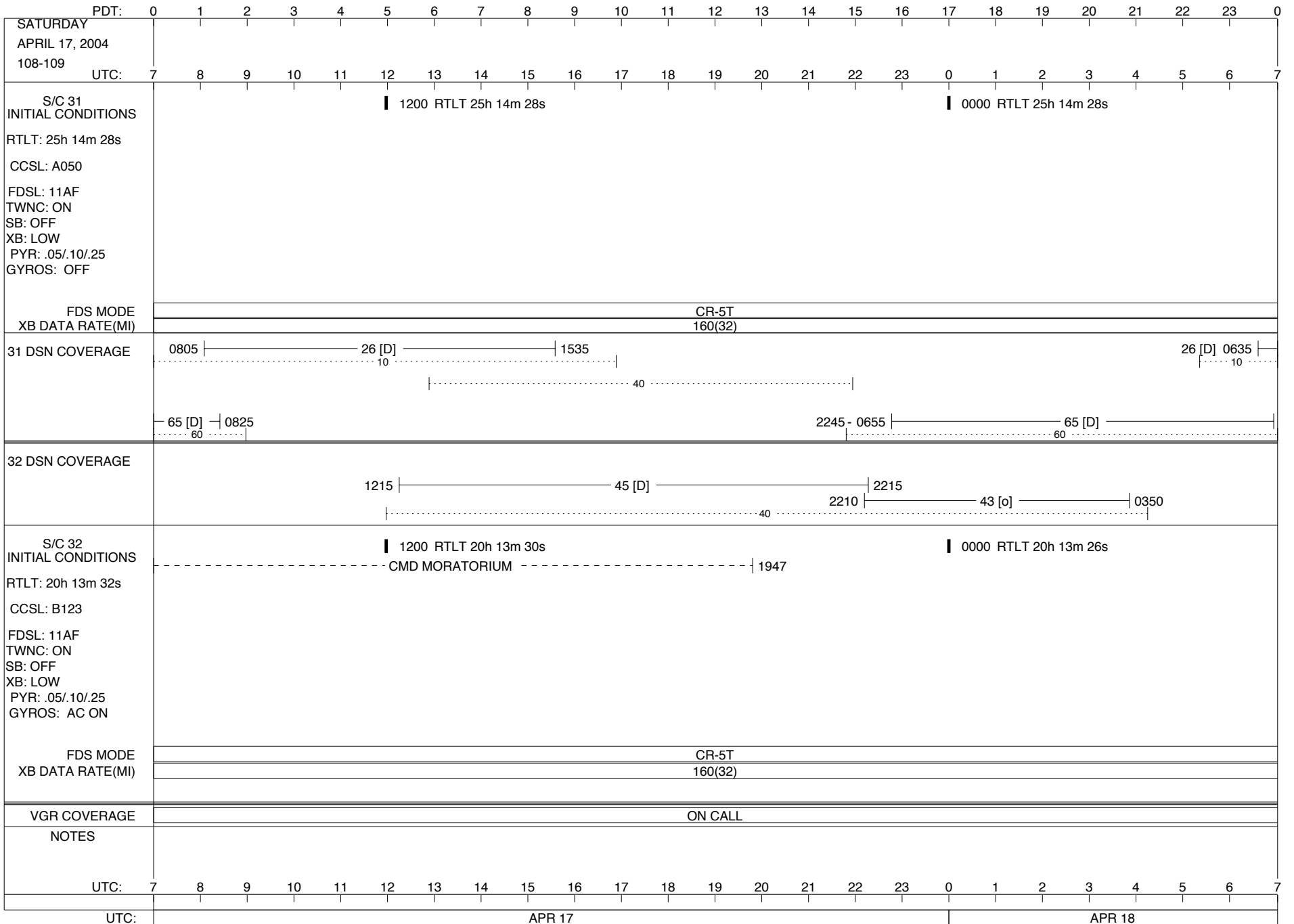
ISSUE DATE: 04/14/04 19:38



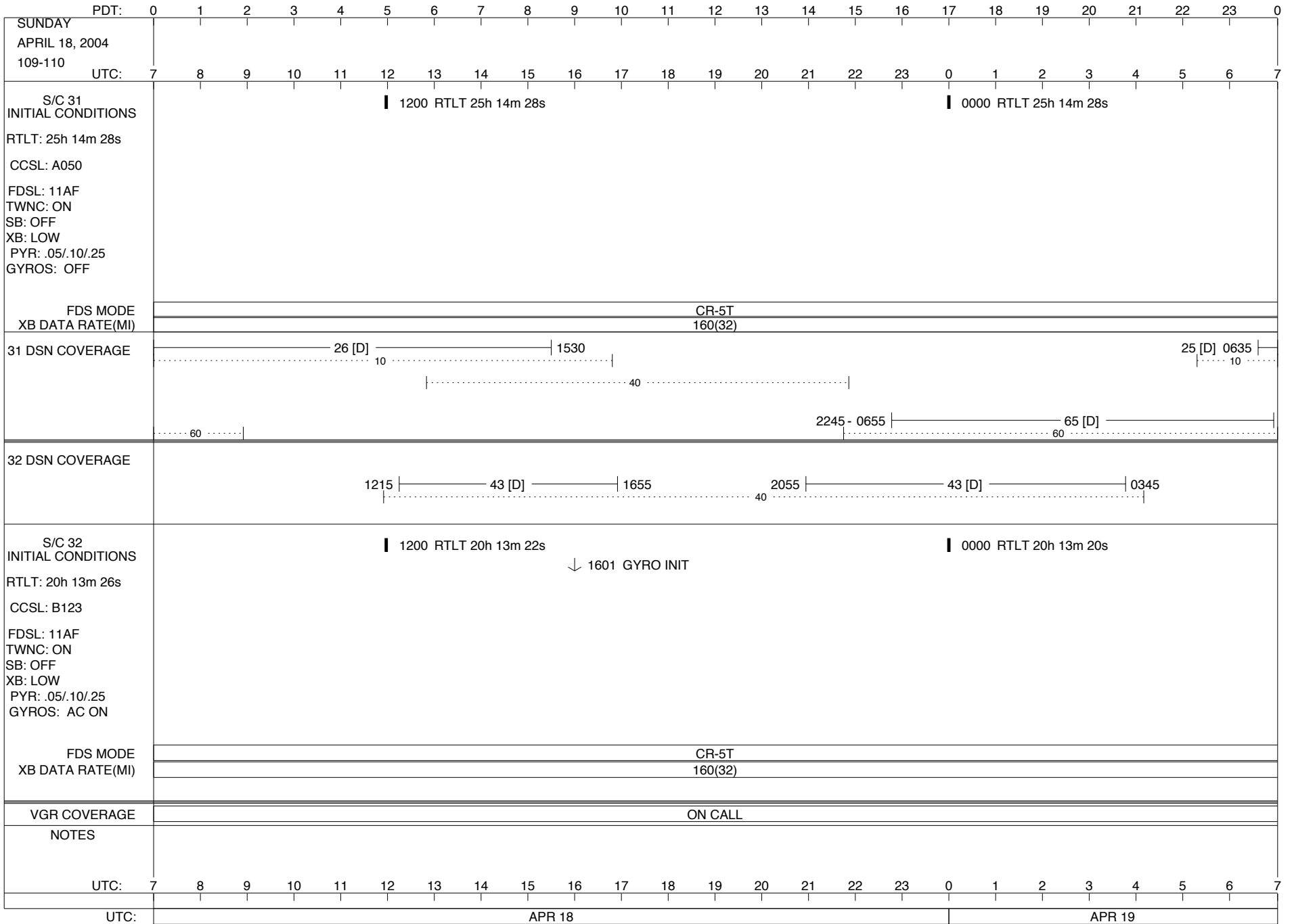
ISSUE DATE: 04/14/04 19:38

PDT:	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 APRIL 16, 2004 107-108	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 25h 14m 28s CCSL: A050 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 25h 14m 28s												0000 RTLTL 25h 14m 28s 2153   - TAPPOS -   2344 0055   0056 PWS/RH 0303   TAPPOS   0440												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	14 [D]   1315												26 [D1]   1640   .....10 .....												
	10   .....40 .....												2250   .....65 [D] ..... 60   .....60 .....												
32 DSN COVERAGE	1210   .....45 [D] ..... 40   .....0030 .....																								
S/C 32 INITIAL CONDITIONS RTLTL: 20h 13m 38s CCSL: B123 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 20h 13m 36s												0000 RTLTL 20h 13m 32s												
	----- CMD MORATORIUM -----																								
	1532   -----   1654 GYRO A TEST & AACS MRO																								
	↓ 1600 GYROS AC ON																								
	↓ 1601 GYRO INIT																								
	↓ 1643 GYRO FAULT TEST																								
	1533												1654												
FDS MODE	CR-5T												EL-40												
XB DATA RATE(MI)	160(32)												40(30)												
VGR COVERAGE	ON CALL												VGR												
NOTES	[1] S/C 31=GS-4B @ 0055 XB=2.8K(41) NOT RECOVERABLE																								
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
UTC:	APR 16												APR 17												

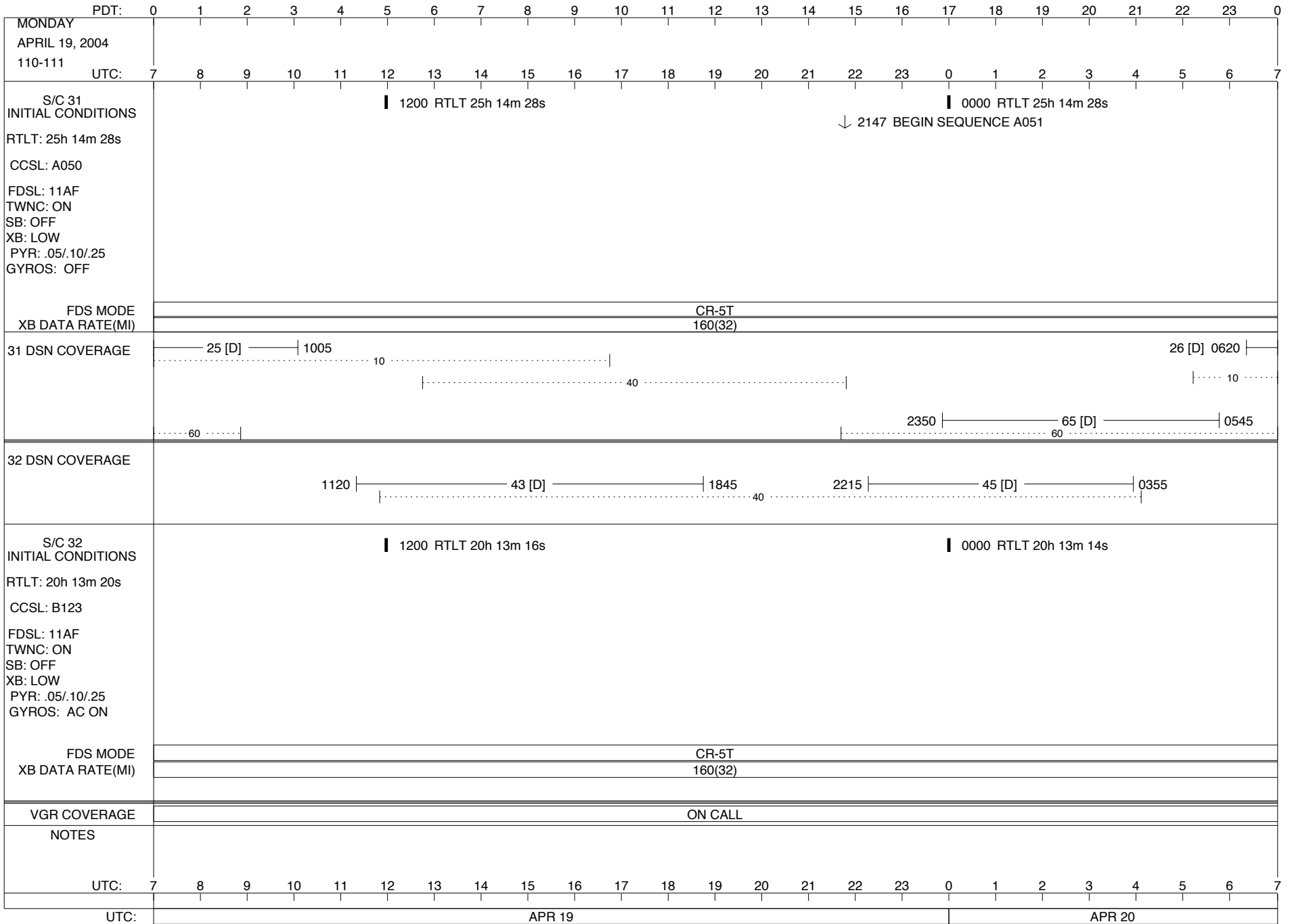
ISSUE DATE: 04/14/04 19:38



ISSUE DATE: 04/14/04 19:38



ISSUE DATE: 04/14/04 19:38



1200 RTLT 25h 14m 28s

0000 RTLT 25h 14m 28s

2147 BEGIN SEQUENCE A051

CR-5T

160(32)

25 [D] 1005

26 [D] 0620

10

40

10

60

2350

65 [D] 0545

60

1120

43 [D] 1845

40

2215

45 [D] 0355

1200 RTLT 20h 13m 16s

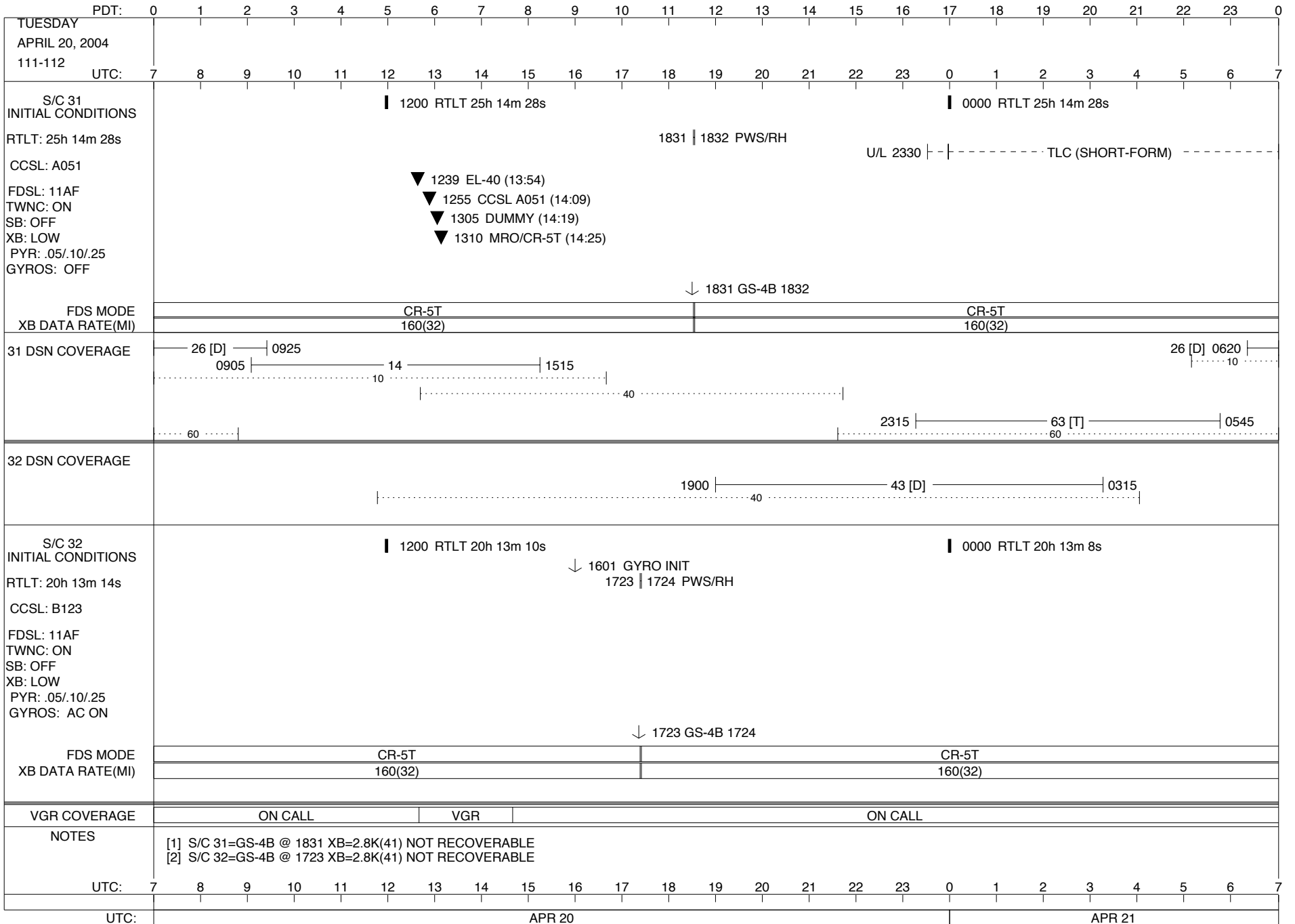
0000 RTLT 20h 13m 14s

CR-5T

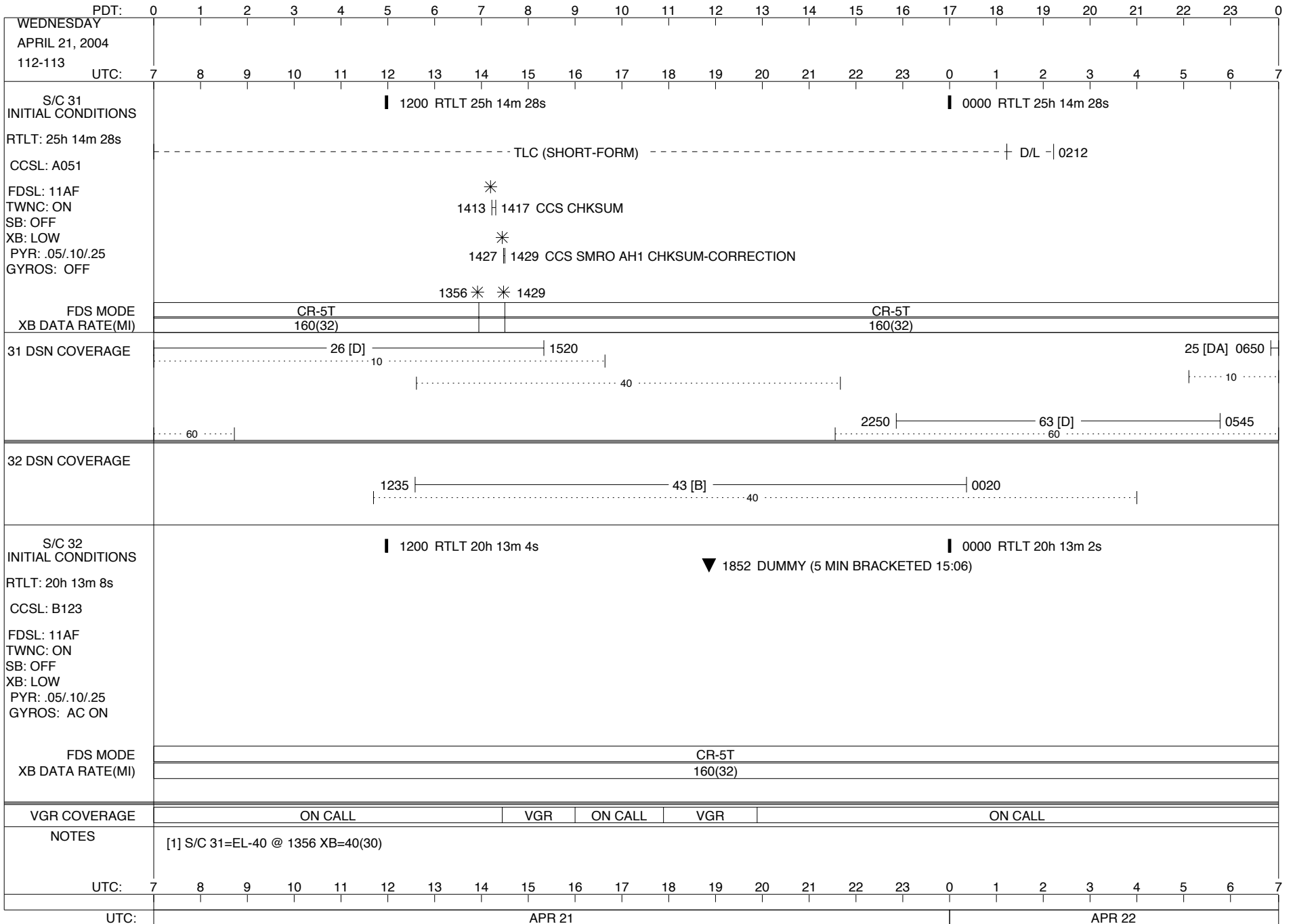
160(32)

ON CALL

ISSUE DATE: 04/14/04 19:38

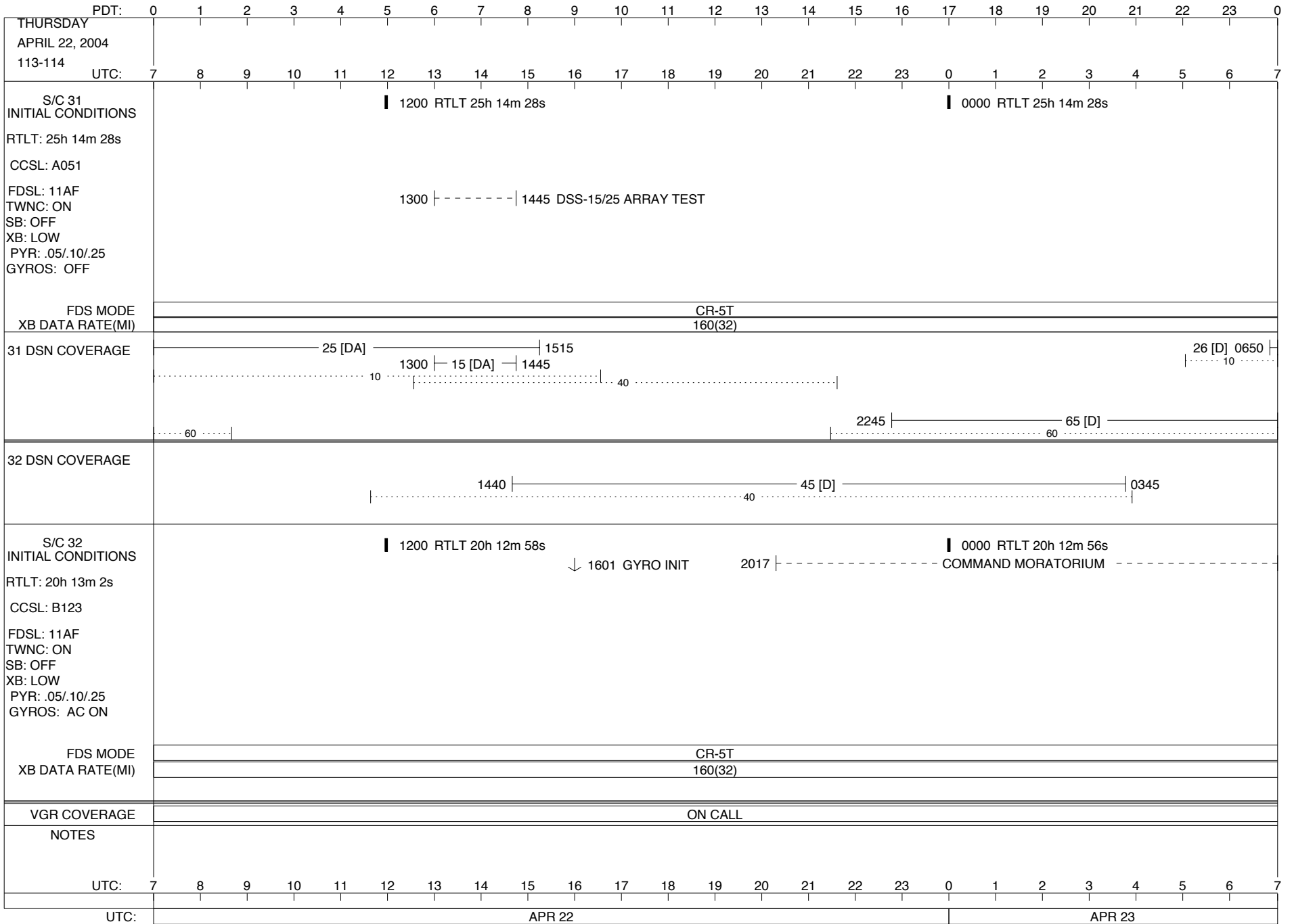


ISSUE DATE: 04/14/04 19:38



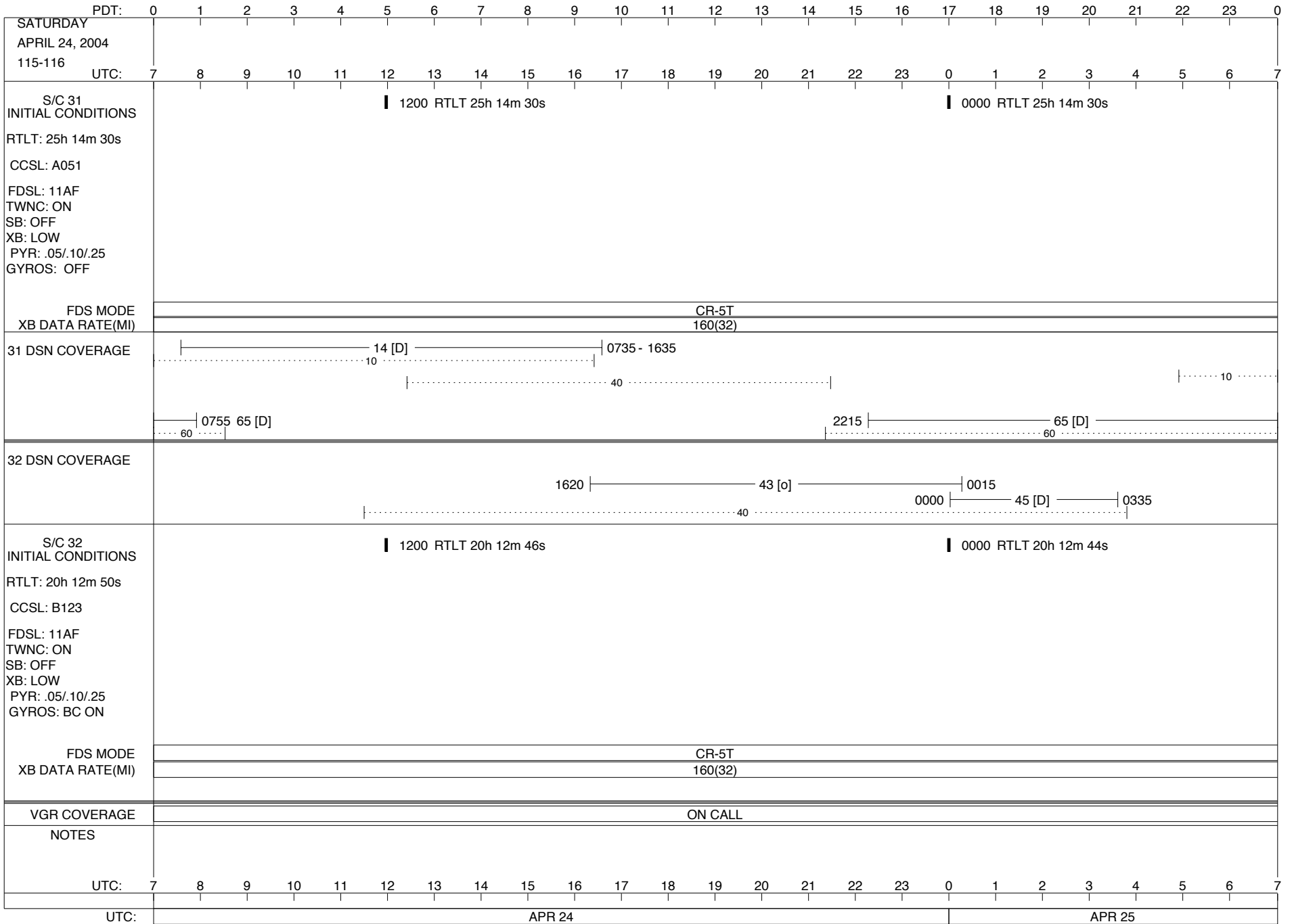


ISSUE DATE: 04/14/04 19:38

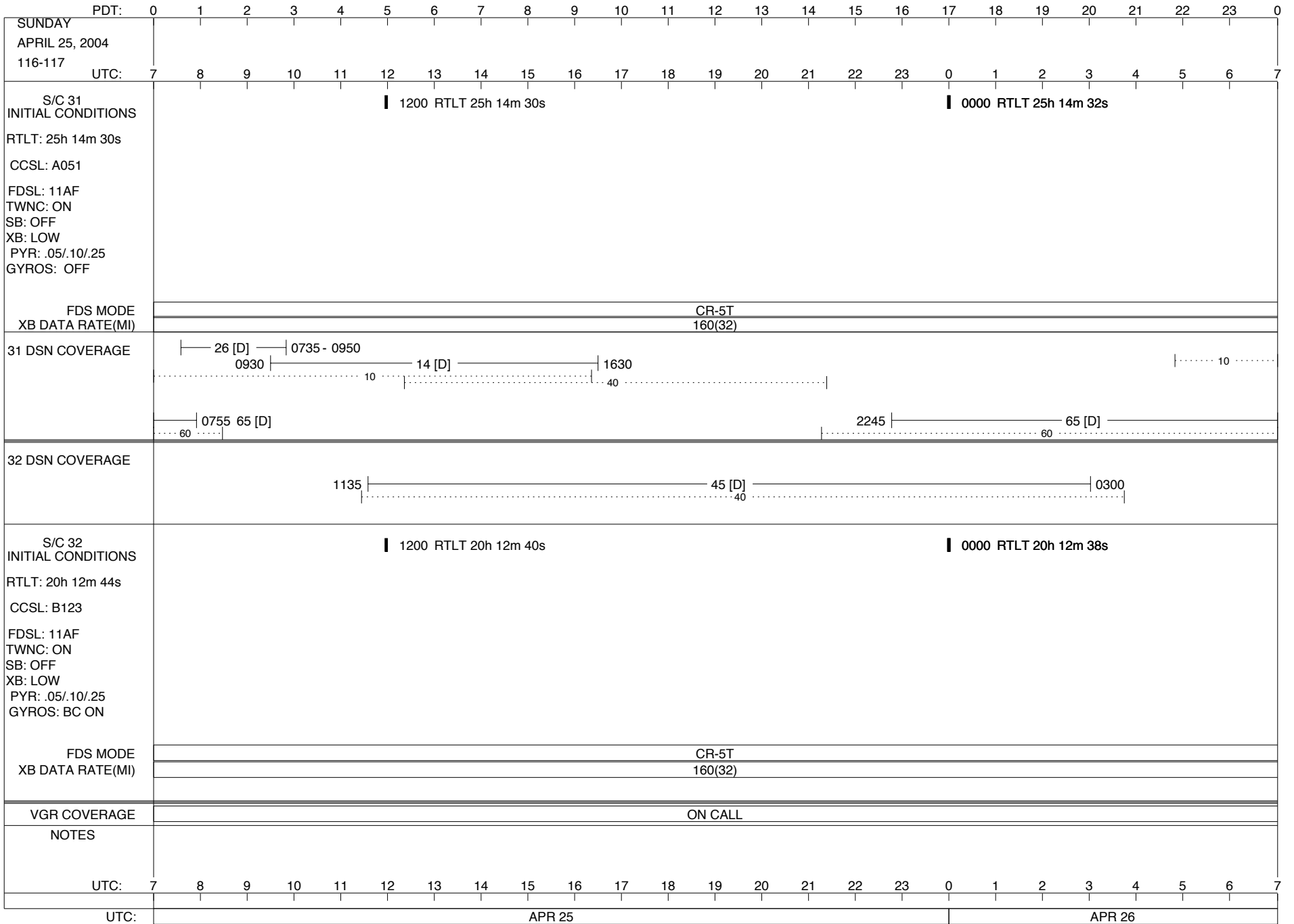




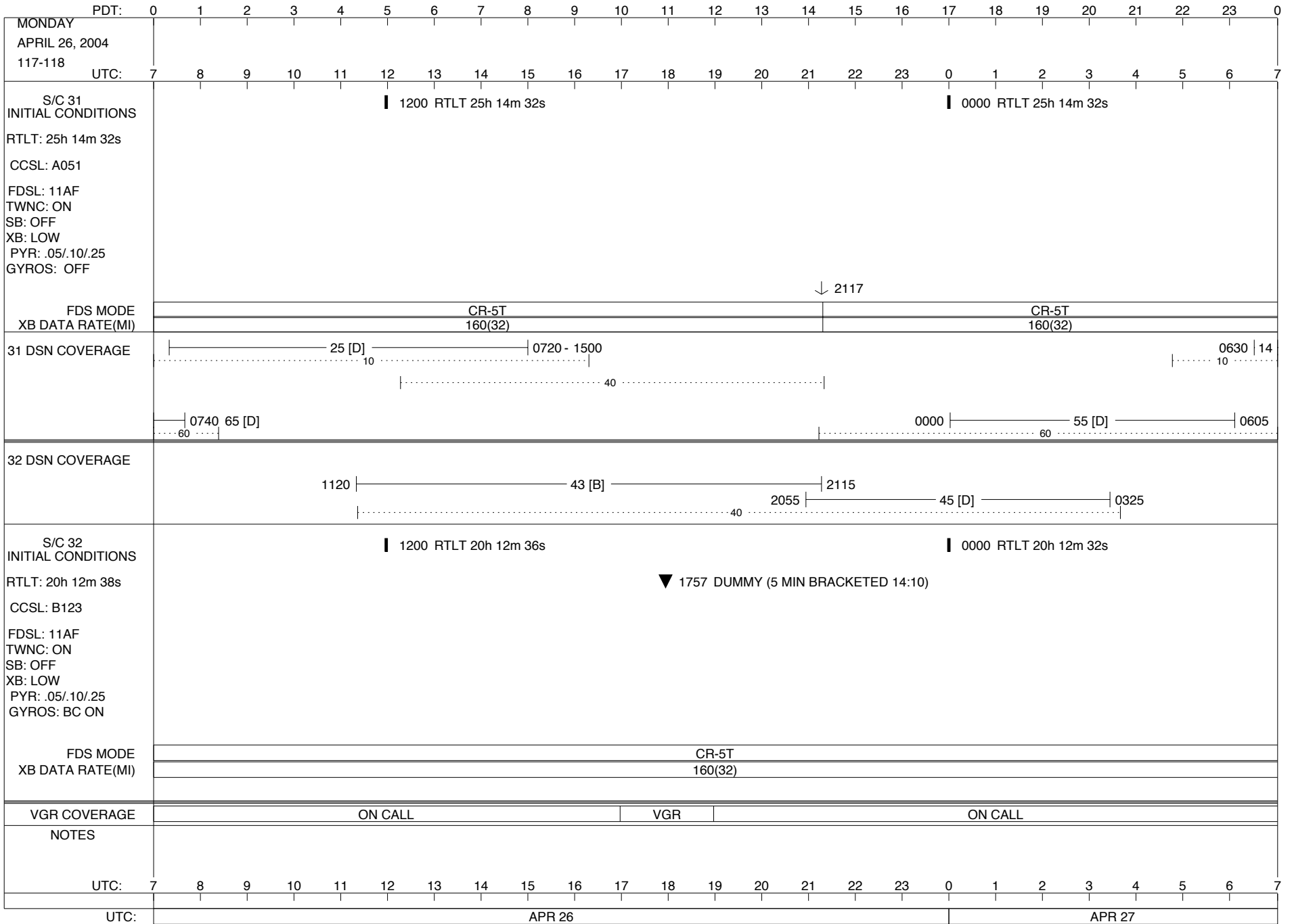
ISSUE DATE: 04/14/04 19:38



ISSUE DATE: 04/14/04 19:38



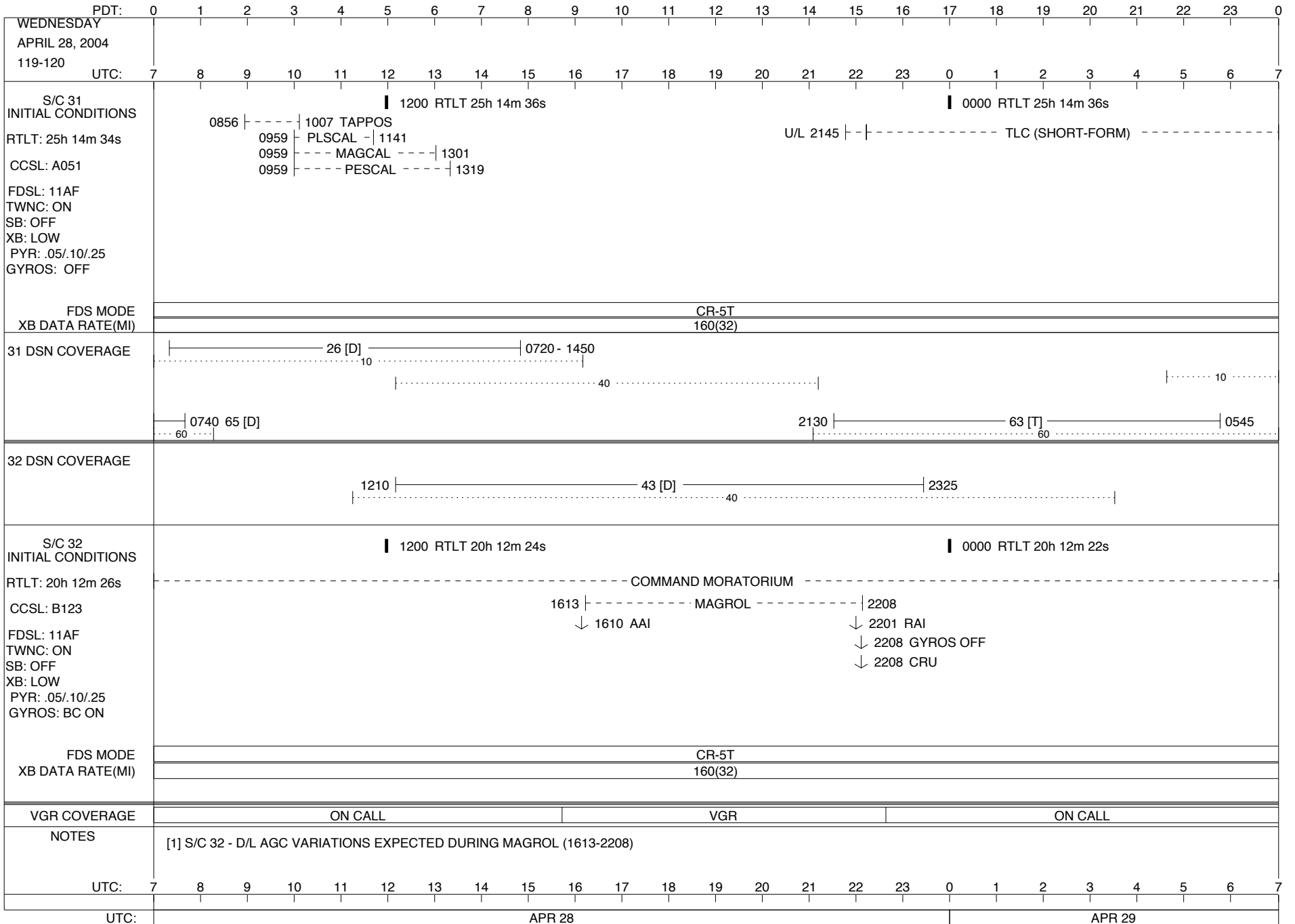
ISSUE DATE: 04/14/04 19:38



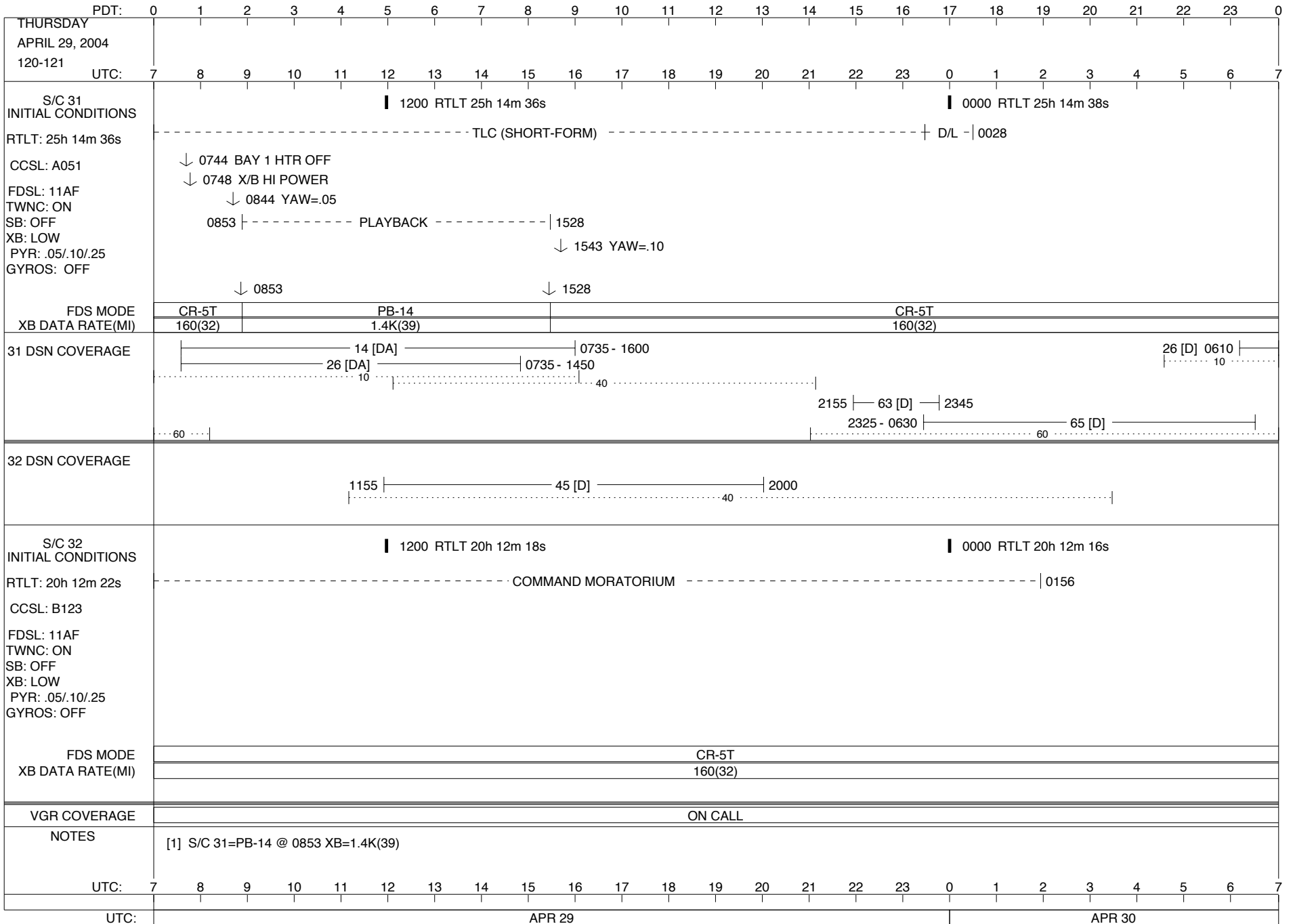
ISSUE DATE: 04/14/04 19:38

PDT:	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						
TUESDAY APRIL 27, 2004 118-119	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7						
S/C 31 INITIAL CONDITIONS RTLTL: 25h 14m 32s CCSL: A051 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="display: flex; justify-content: space-between;"> <span>1200 RTLTL 25h 14m 34s</span> <span>0000 RTLTL 25h 14m 34s</span> </div> <div style="text-align: center; margin-top: 10px;">1807   1808 PWS/RH</div> <div style="text-align: center; margin-top: 10px;">▼ 1410 DUMMY (15:25)</div> <div style="text-align: center; margin-top: 10px;">↓ 1807 GS-4B 1808</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">FDS MODE XB DATA RATE(MI)</td> <td style="width: 50%; text-align: center;">CR-5T 160(32)</td> </tr> <tr> <td style="width: 50%; text-align: center;">CR-5T 160(32)</td> <td style="width: 50%; text-align: center;">CR-5T 160(32)</td> </tr> </table>																											FDS MODE XB DATA RATE(MI)	CR-5T 160(32)	CR-5T 160(32)	CR-5T 160(32)
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																														
CR-5T 160(32)	CR-5T 160(32)																														
31 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> <span>14</span> <span>1425</span> </div> <div style="text-align: center; margin-top: 10px;">10</div> <div style="text-align: center; margin-top: 10px;">40</div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <span>2245</span> <span>65 [D]</span> </div> <div style="text-align: center; margin-top: 10px;">60</div>																														
32 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> <span>1055</span> <span>43 [D]</span> <span>1900</span> <span>2235</span> <span>45 [D]</span> <span>0215</span> </div> <div style="text-align: center; margin-top: 10px;">40</div>																														
S/C 32 INITIAL CONDITIONS RTLTL: 20h 12m 32s CCSL: B123 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	<div style="display: flex; justify-content: space-between;"> <span>1200 RTLTL 20h 12m 30s</span> <span>0000 RTLTL 20h 12m 26s</span> </div> <div style="text-align: center; margin-top: 10px;">1659   1700 PWS/RH</div> <div style="text-align: center; margin-top: 10px;">0226   - COMMAND MORATORIUM -</div> <div style="text-align: center; margin-top: 10px;">↓ 1659 GS-4B 1700</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">FDS MODE XB DATA RATE(MI)</td> <td style="width: 50%; text-align: center;">CR-5T 160(32)</td> </tr> <tr> <td style="width: 50%; text-align: center;">CR-5T 160(32)</td> <td style="width: 50%; text-align: center;">CR-5T 160(32)</td> </tr> </table>																											FDS MODE XB DATA RATE(MI)	CR-5T 160(32)	CR-5T 160(32)	CR-5T 160(32)
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																														
CR-5T 160(32)	CR-5T 160(32)																														
VGR COVERAGE	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">ON CALL</td> <td style="width: 33%; text-align: center;">VGR</td> <td style="width: 33%; text-align: center;">ON CALL</td> </tr> </table>																											ON CALL	VGR	ON CALL	
ON CALL	VGR	ON CALL																													
NOTES	<p>[1] S/C 31=GS-4B @ 1807 XB=2.8K(41) NOT RECOVERABLE</p> <p>[2] S/C 32=GS-4B @ 1659 XB=2.8K(41) NOT RECOVERABLE</p>																														
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7						
UTC:	APR 27														APR 28																

ISSUE DATE: 04/14/04 19:38

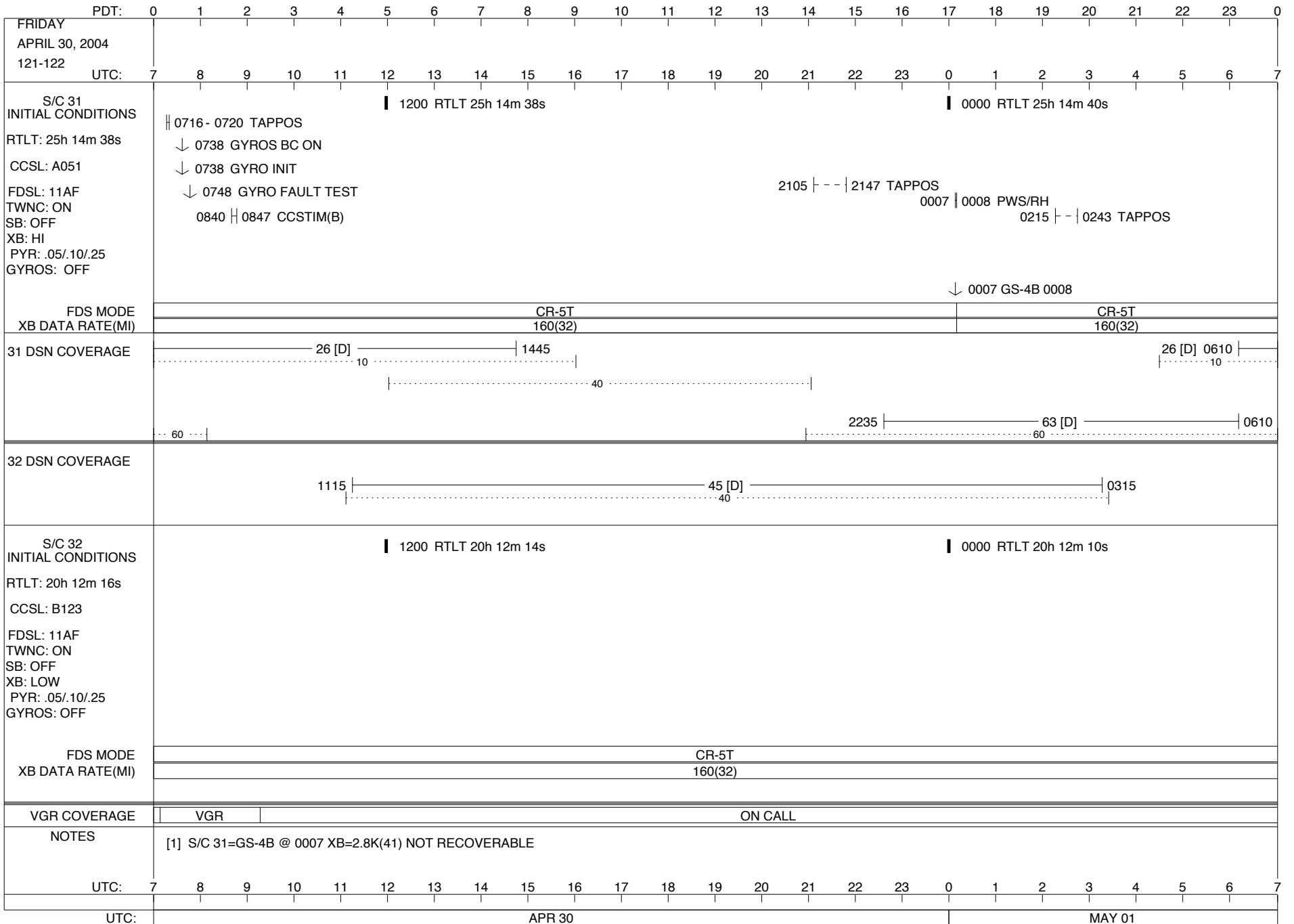


ISSUE DATE: 04/14/04 19:38

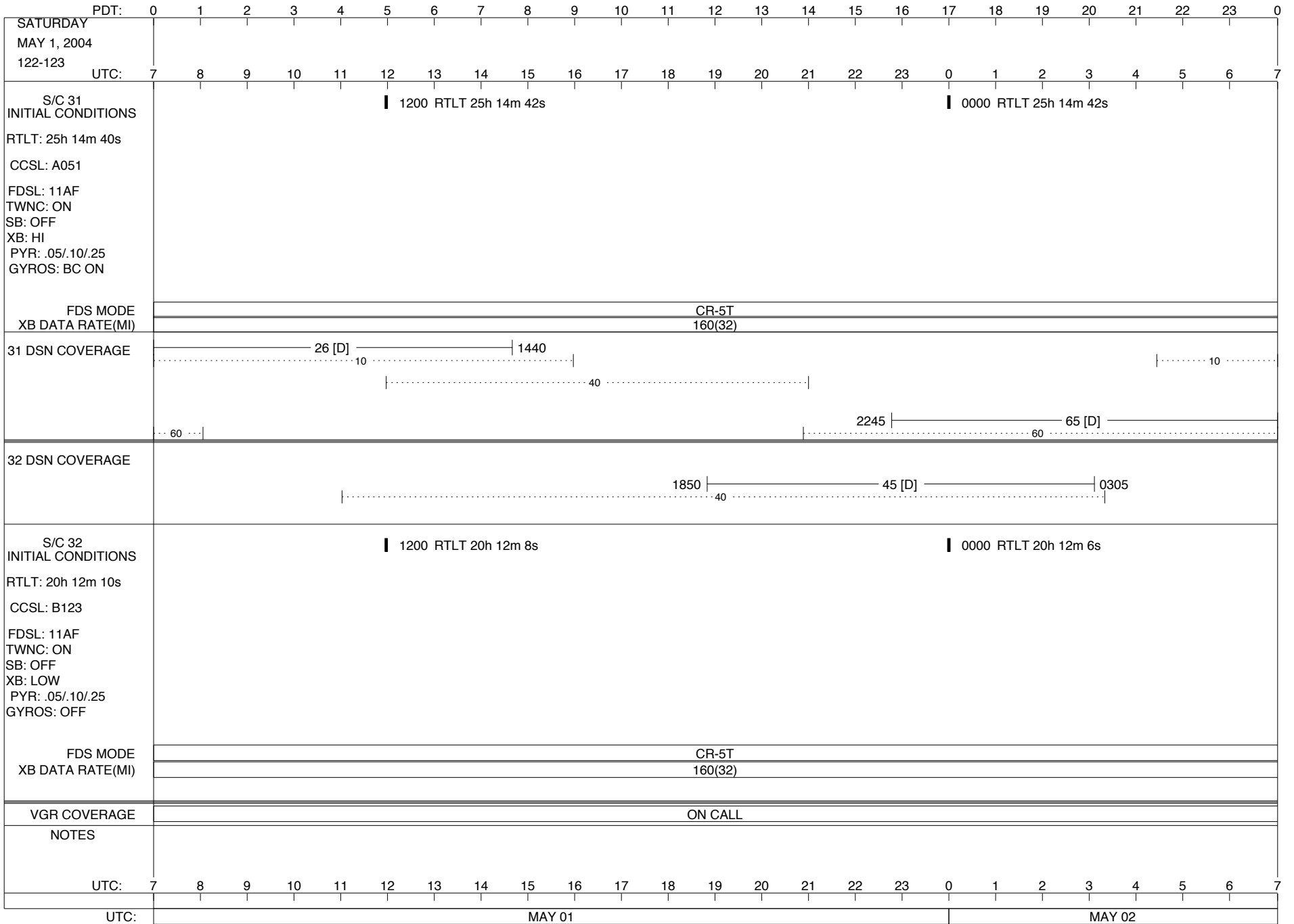




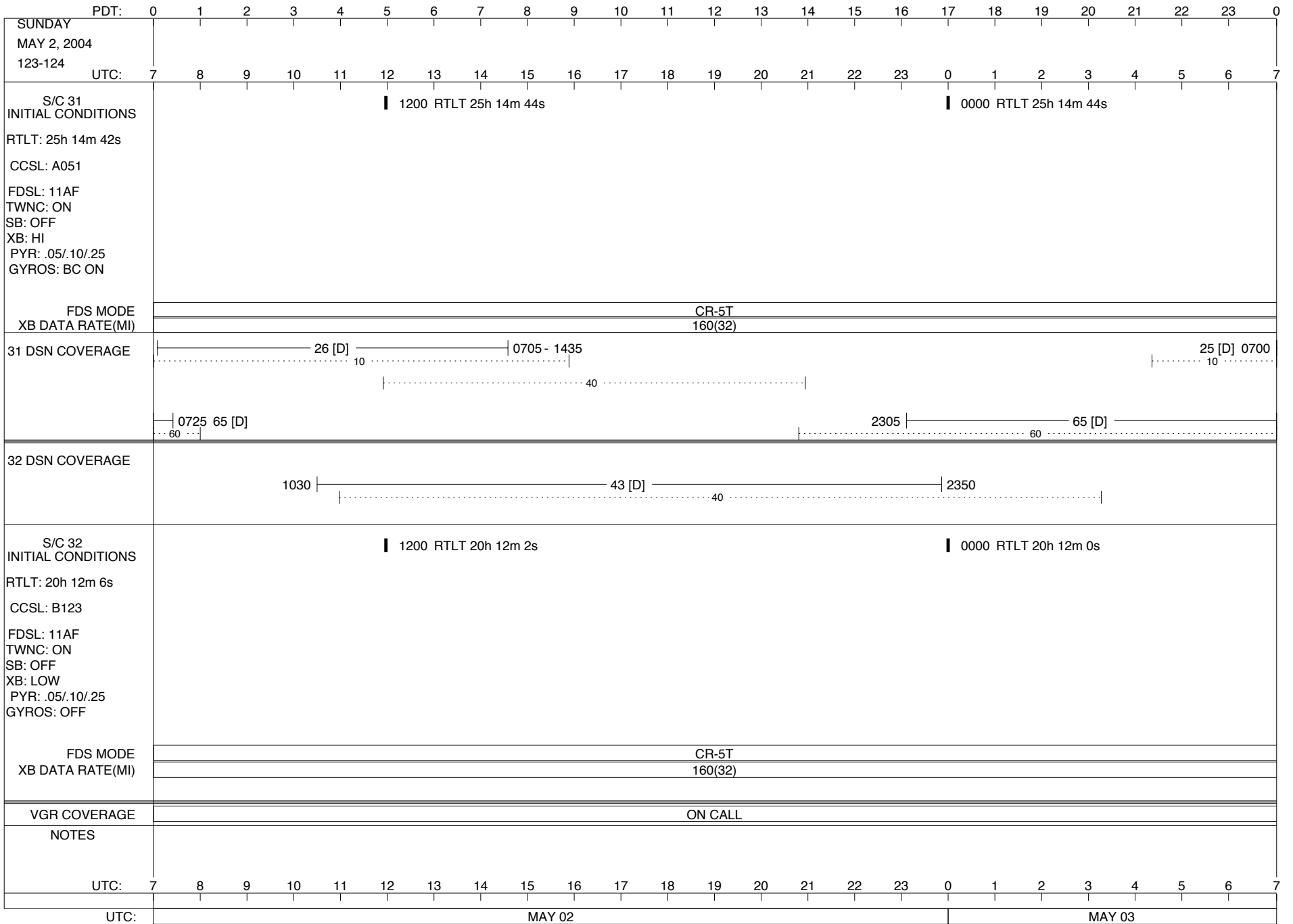
ISSUE DATE: 04/14/04 19:38



ISSUE DATE: 04/14/04 19:38



ISSUE DATE: 04/14/04 19:38



ISSUE DATE: 04/14/04 19:38

