

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: May 18, 2011

For the Period: 05/19/2011 to 06/06/2011 (11-139 – 11-157)

**DSN OPSCHIEF (1) 230-102**

**SCIENCE**

**FLIGHT TEAM (14) 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@jhupl.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

Dodd, S.  
 Hall, J.  
 Howard, S. (3)  
 Ludwig, R. (2)  
 Matsumoto, S.  
 Medina, E.  
 Peralta, F.  
 Weeks, T.  
 Wong, R.  
 Yang, L  
 Zottarelli, L.  
 \*odivers1@san.rr.com

**OTHER**

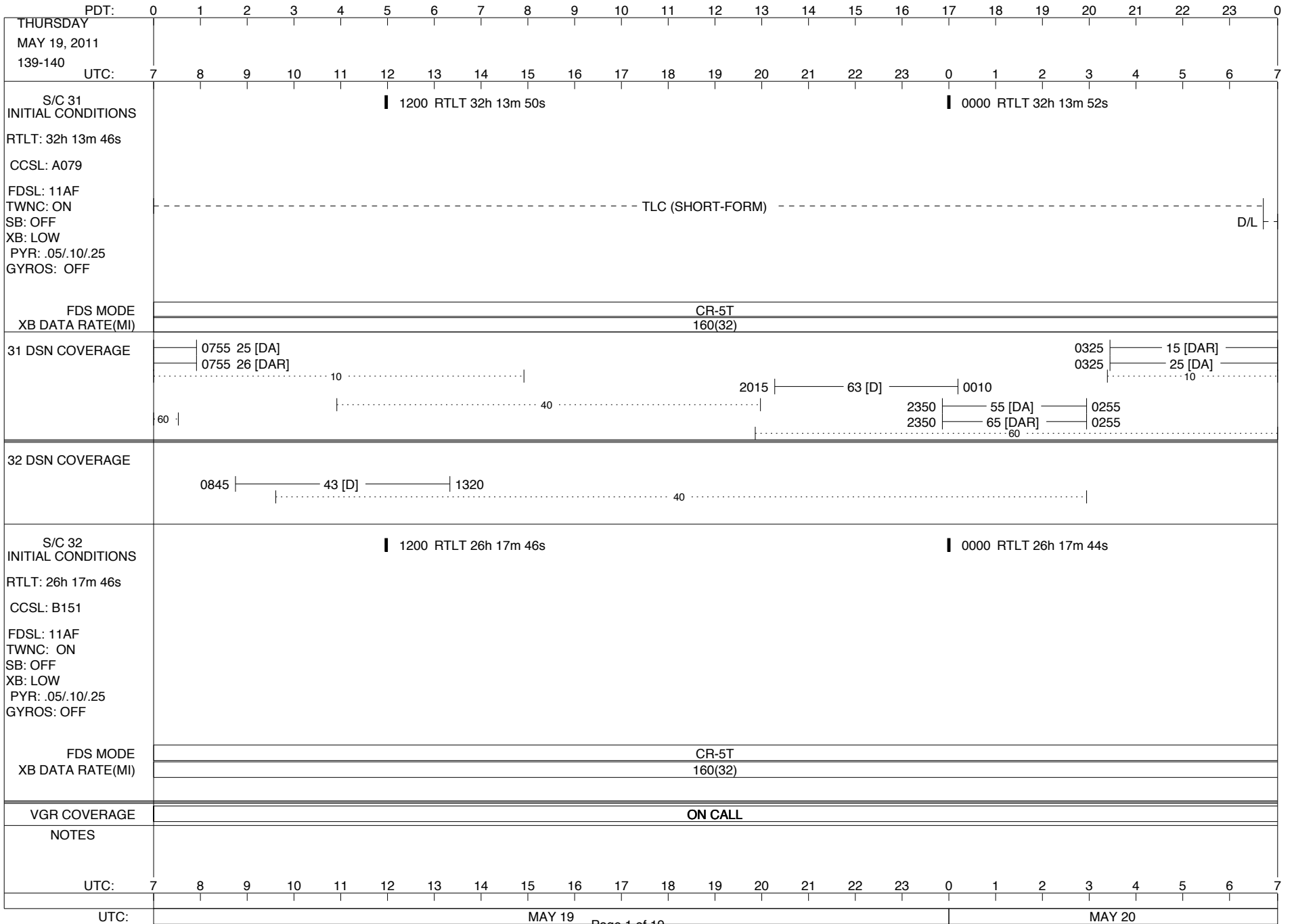
\* KMassej@jgld.gdscc.nasa.gov  
 \* Belinda.Arroyo@jpl.nasa.gov  
 \* !DL-DSN-MPSETA@dsn.nasa.gov

**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 = 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

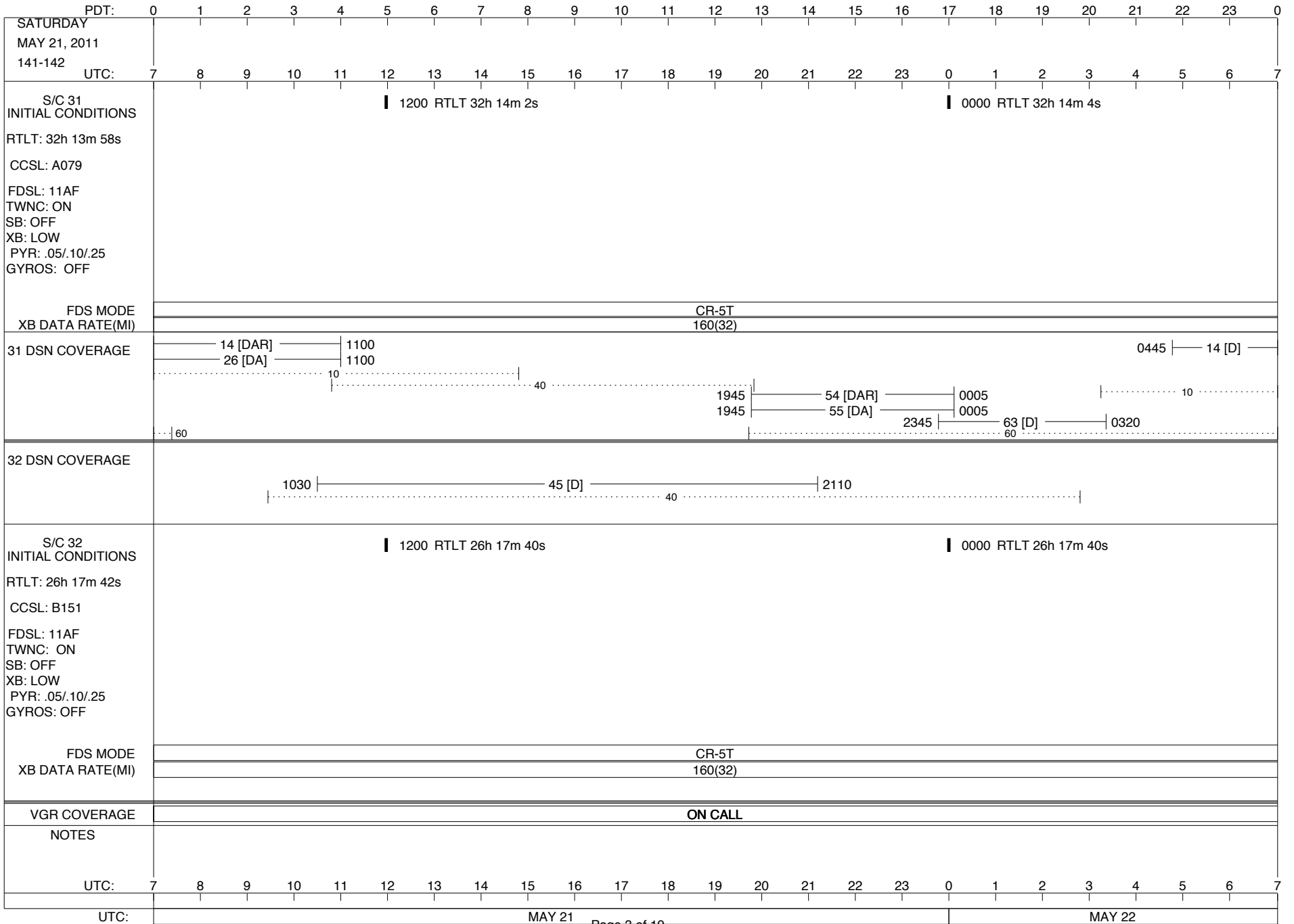
ISSUE DATE: 05/25/11 17:04



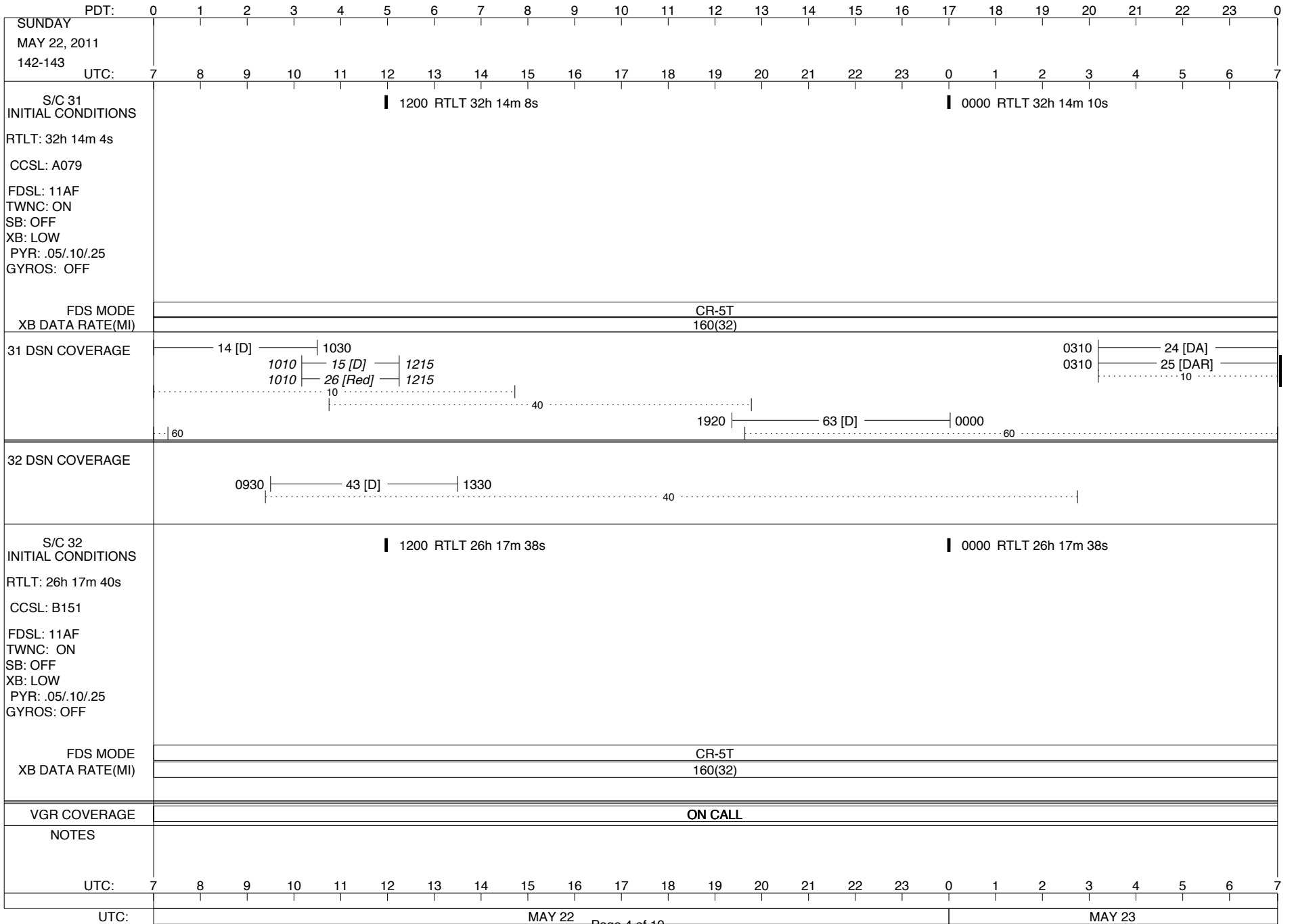
ISSUE DATE: 05/25/11 17:04

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 MAY 20, 2011 140-141																									
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 RTLT: 32h 13m 52s CCSL: A079 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 13m 56s												0000 RTLT 32h 13m 58s												
D/L   0742	1811   1811 TAPPOS												2113   2114 PWS/RH 2320   2335 TAPPOS												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	15 [DAR]   0835 25 [DA]   0835												0535   14 [DAR] 0535   26 [DA]												
	10 .....   2000   63 [D]   0010												10 .....   2250   54 [DAR]   0350 2250   65 [DA]   0350												
	60   .....   40 .....   60												60												
32 DSN COVERAGE	.....   40 .....												.....												
S/C 32 INITIAL CONDITIONS RTLT: 26h 17m 44s CCSL: B151 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 26h 17m 42s												0000 RTLT 26h 17m 42s												
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 @ 2113 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:	MAY 20												MAY 21												

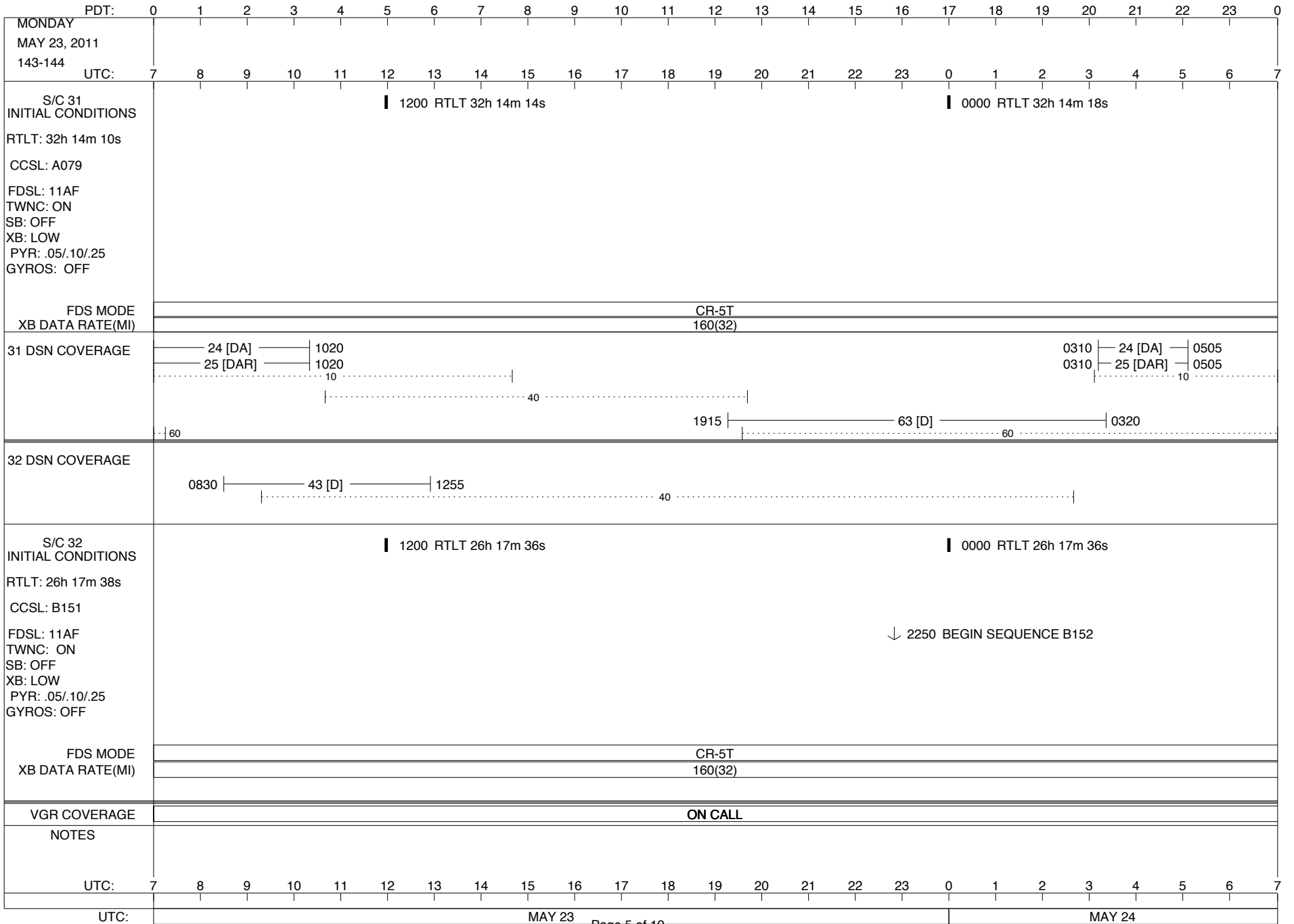
ISSUE DATE: 05/25/11 17:04



ISSUE DATE: 05/25/11 17:04



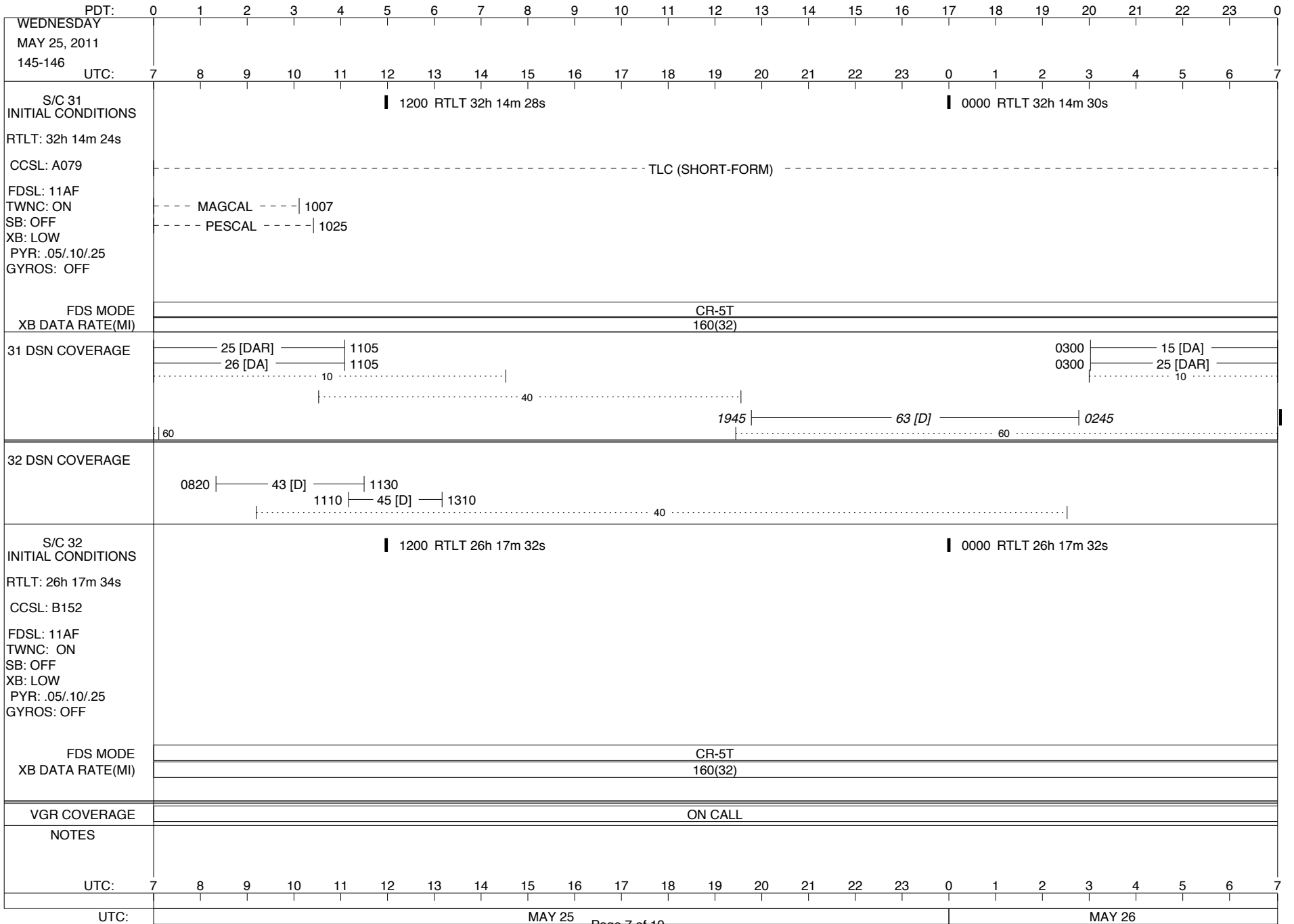
ISSUE DATE: 05/25/11 17:04



ISSUE DATE: 05/25/11 17:04

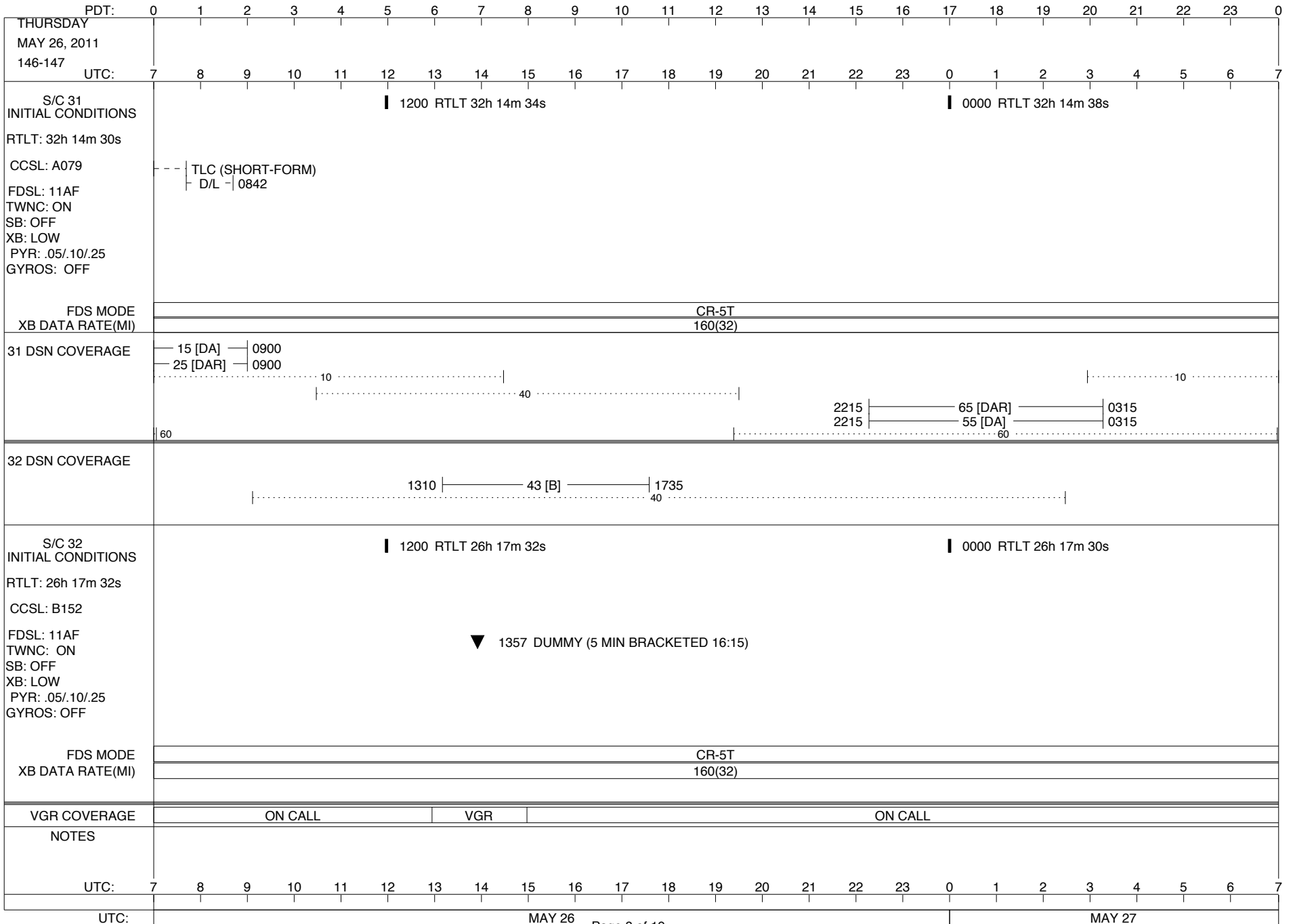
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
TUESDAY MAY 24, 2011 144-145	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 32h 14m 18s CCSL: A079 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 14m 20s												0000 RTLT 32h 14m 24s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	10 .....    .....40 .....   60												2135   63 [T]   2355 60 .....												
32 DSN COVERAGE	0825   43 [D]   1250   .....40 .....																								
S/C 32 INITIAL CONDITIONS RTLTL: 26h 17m 36s CCSL: B152 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 26h 17m 34s												0000 RTLT 26h 17m 34s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL												VGR			ON CALL									
NOTES	[1] S/C 31=GS-4B @ 1449 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:	MAY 24												Page 6 of 19						MAY 25						

ISSUE DATE: 05/25/11 17:04

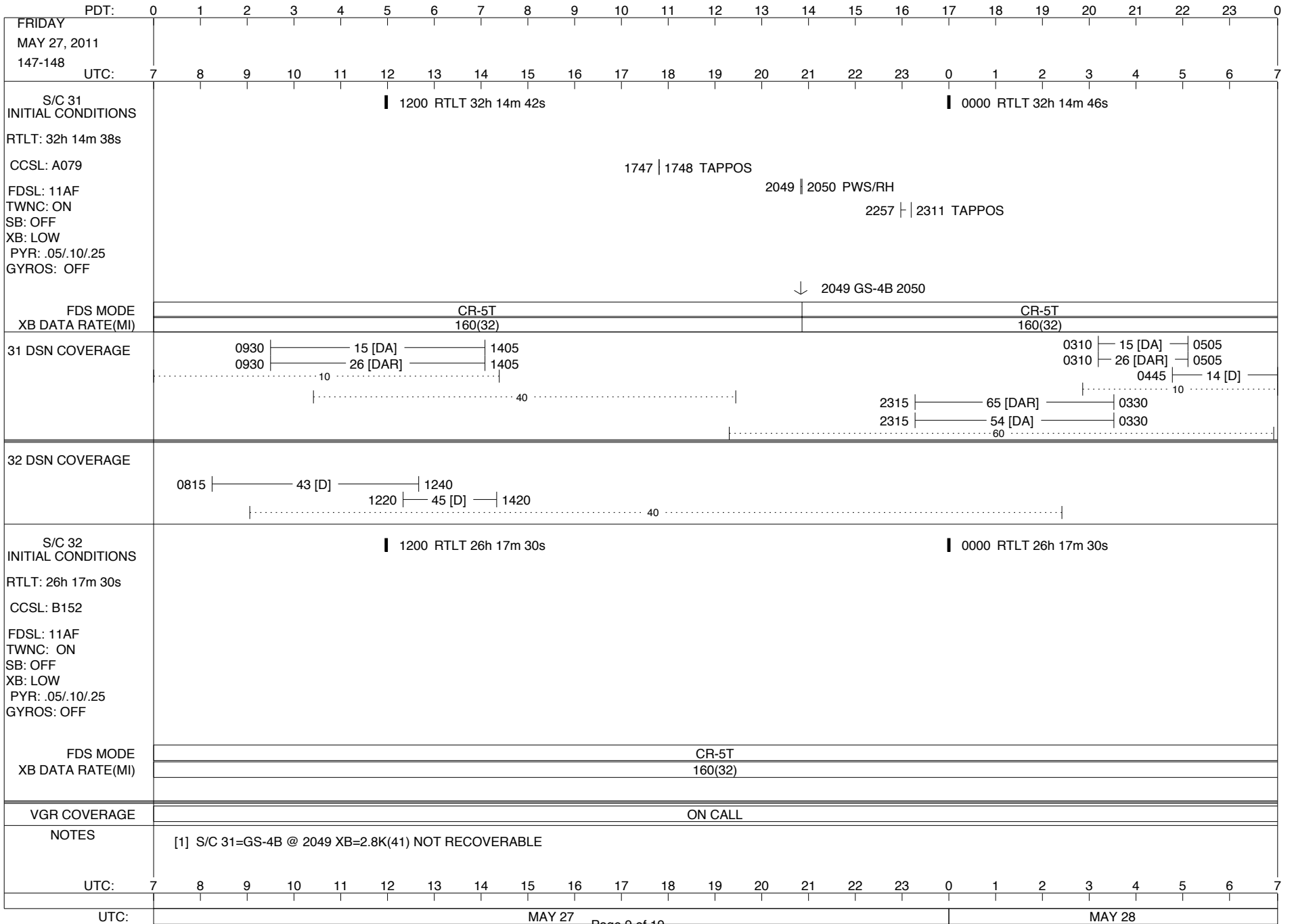




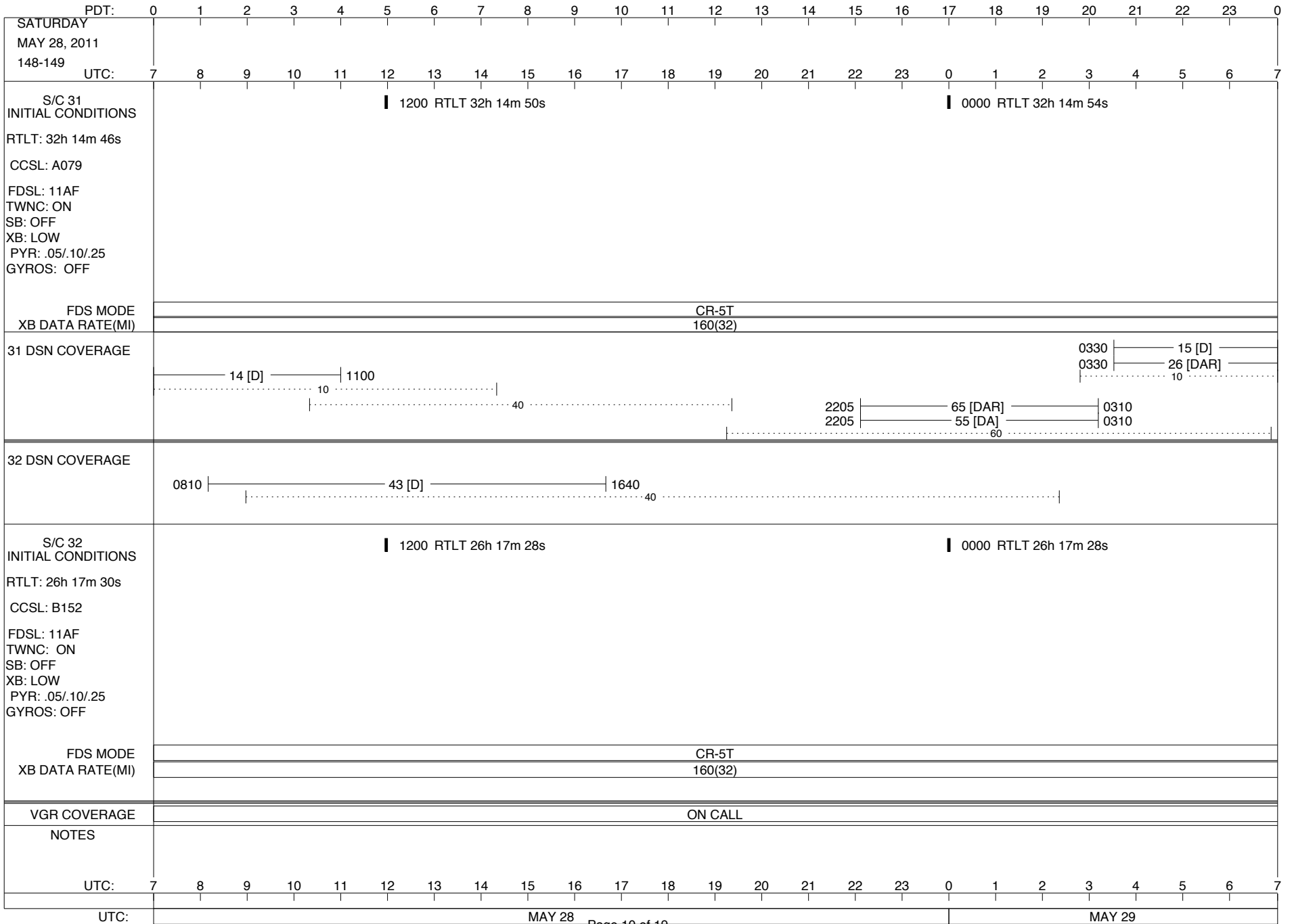
ISSUE DATE: 05/25/11 17:04

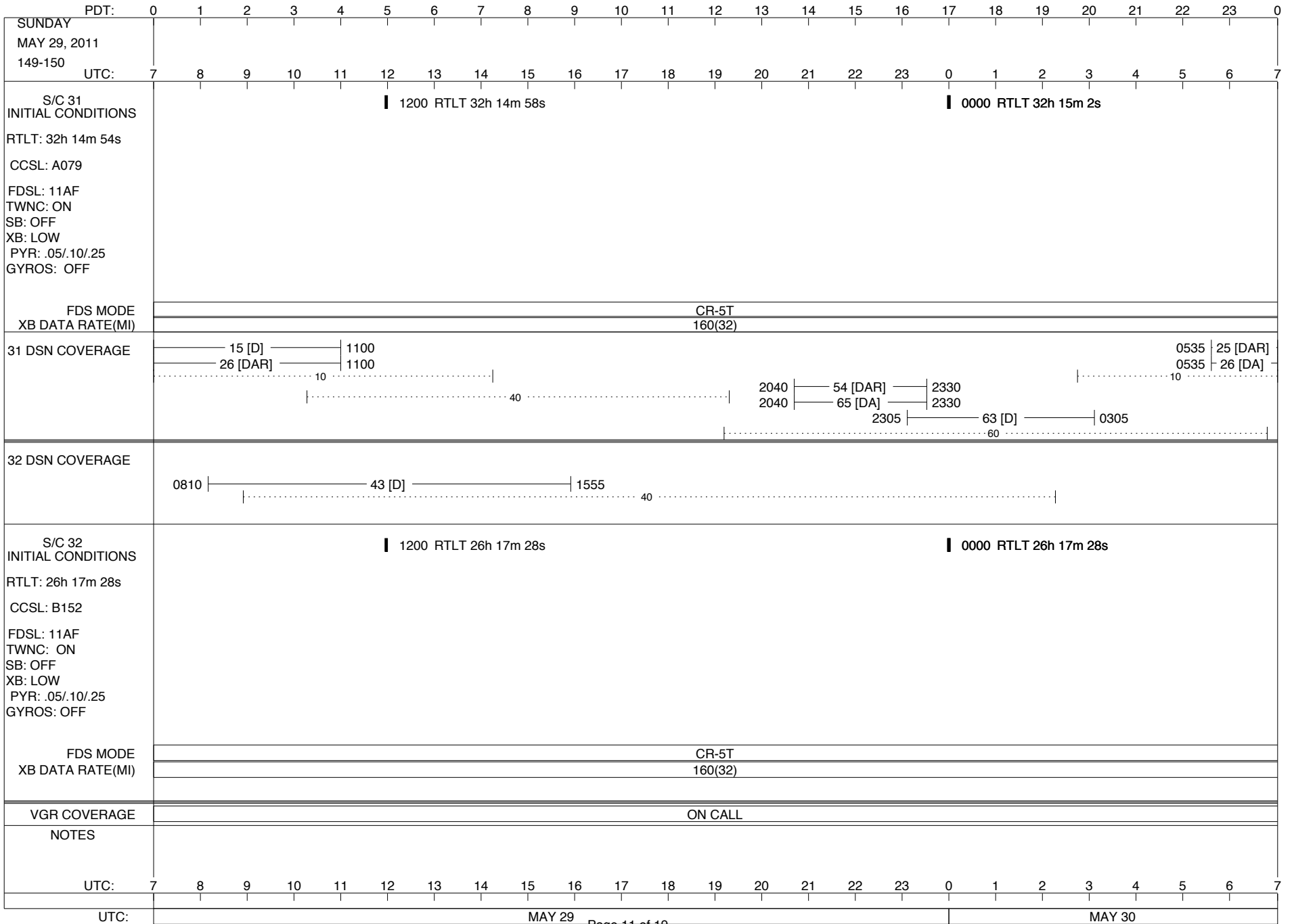


ISSUE DATE: 05/25/11 17:04

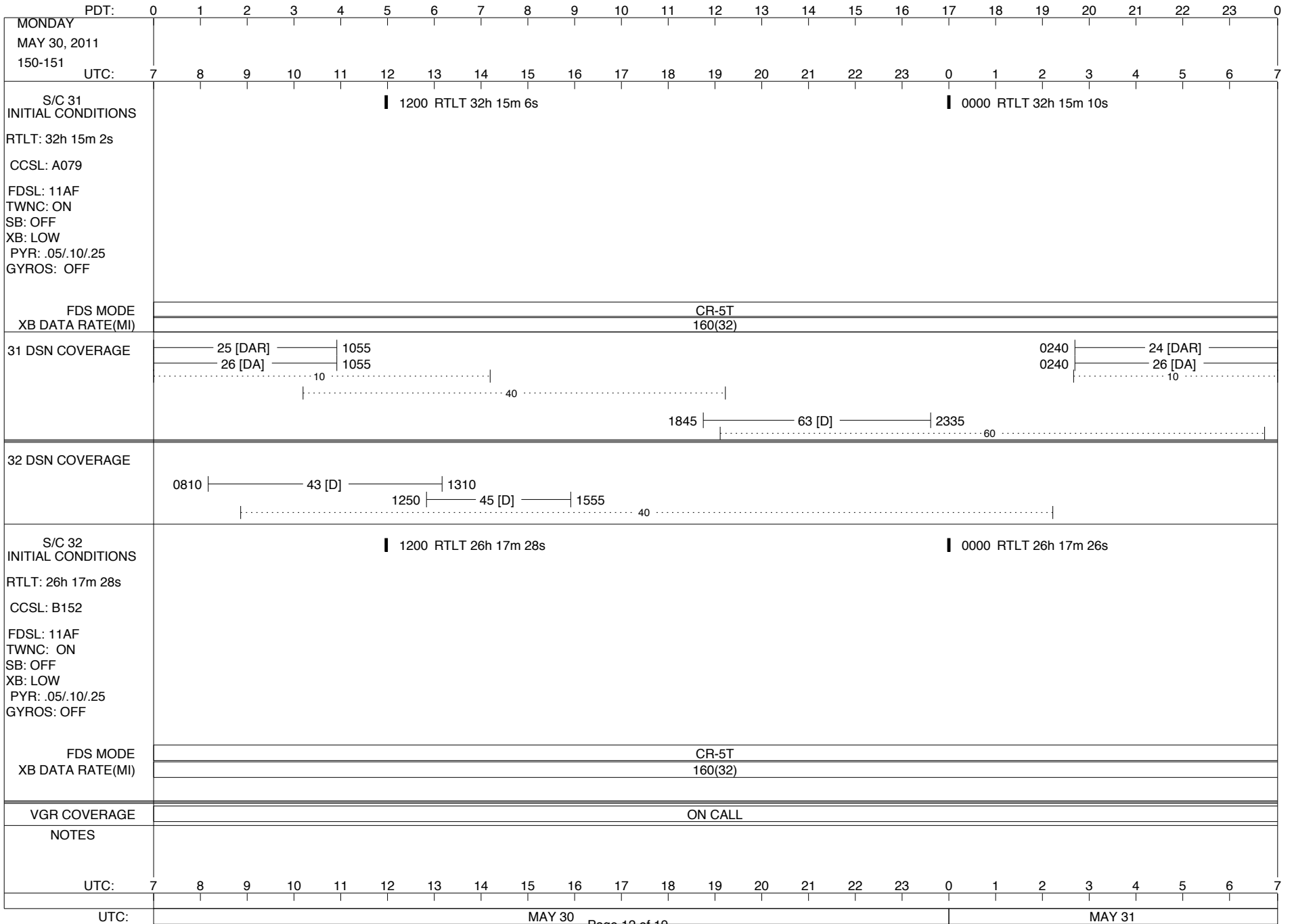


ISSUE DATE: 05/25/11 17:04

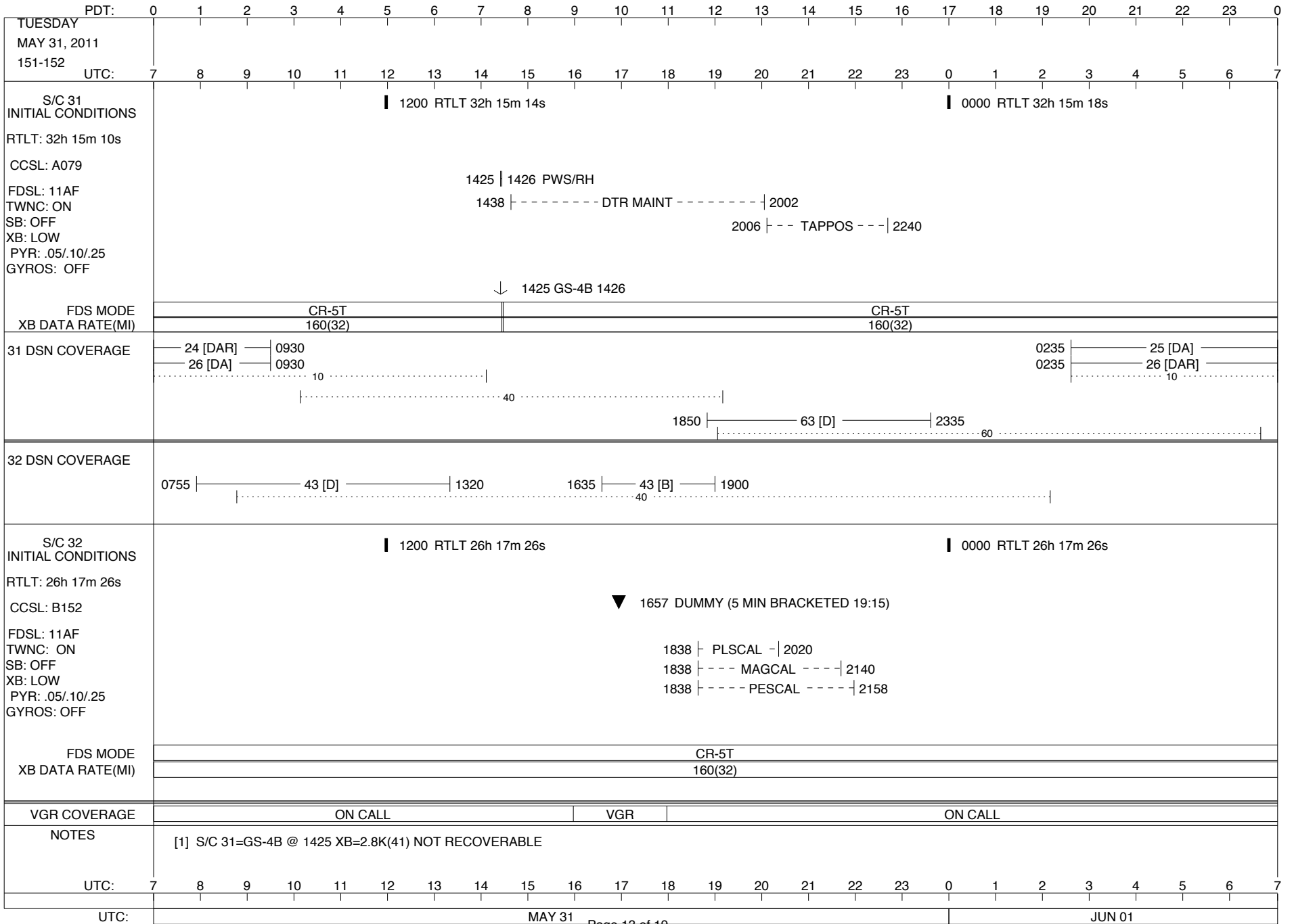




ISSUE DATE: 05/25/11 17:04

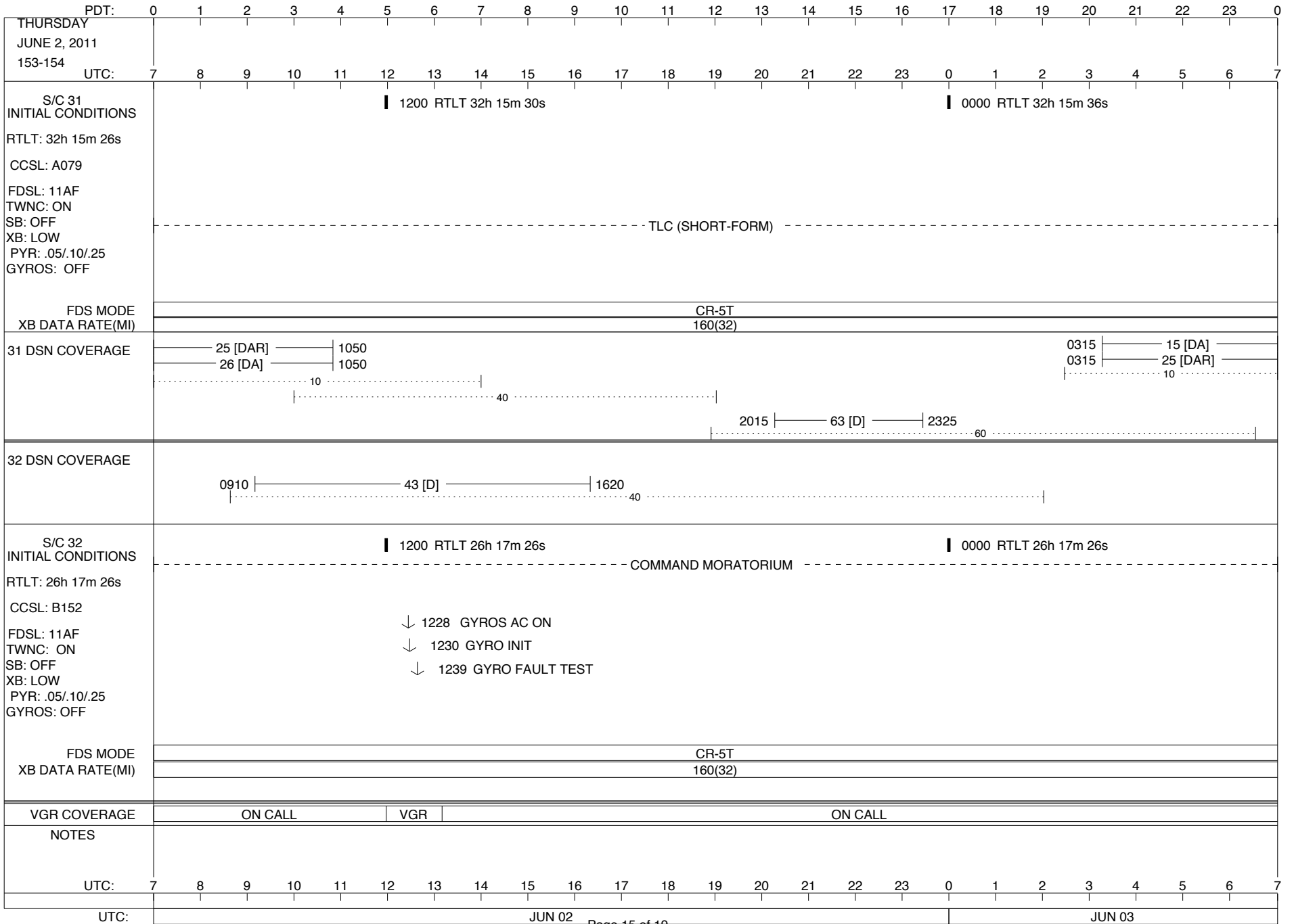


ISSUE DATE: 05/25/11 17:04

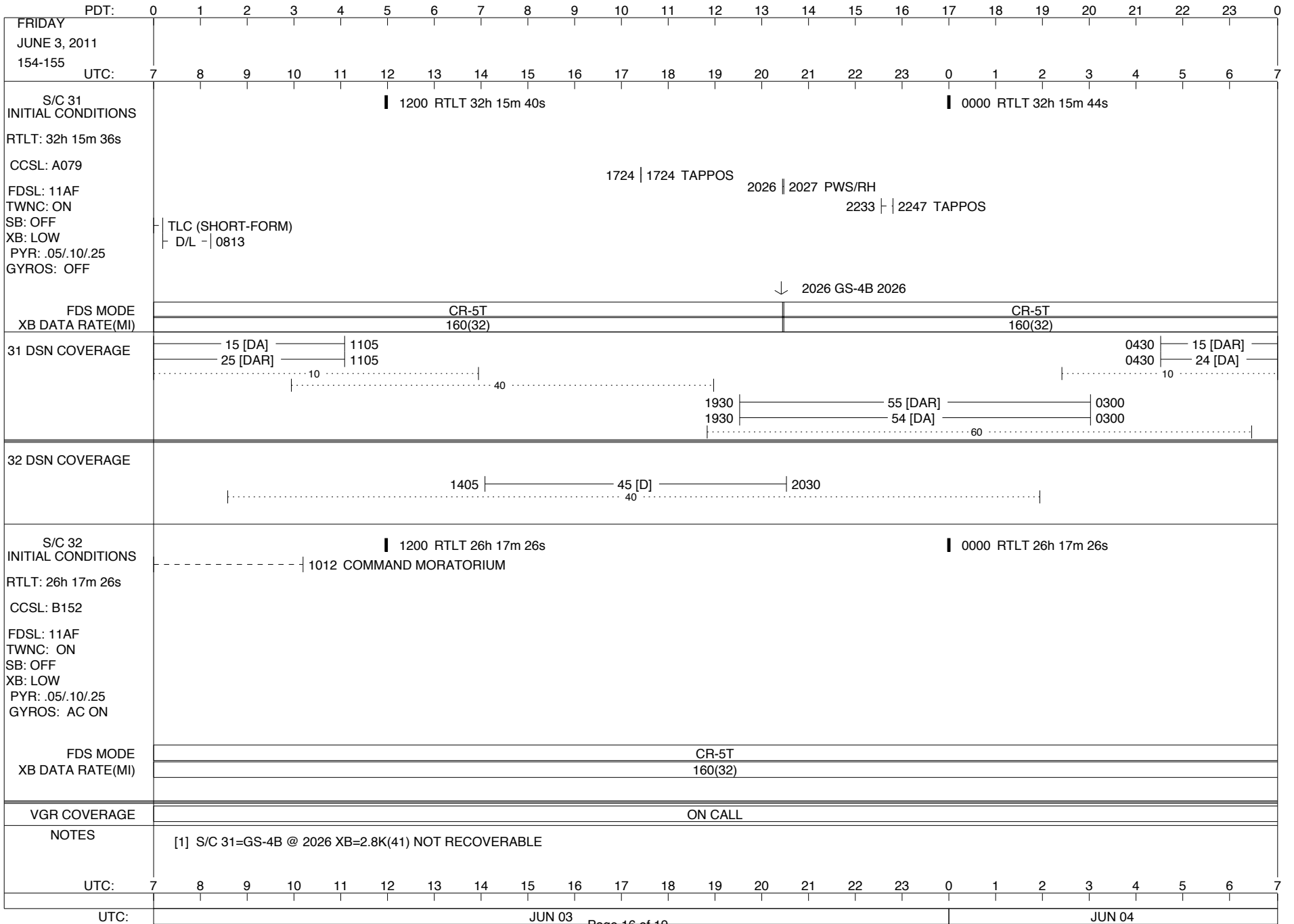


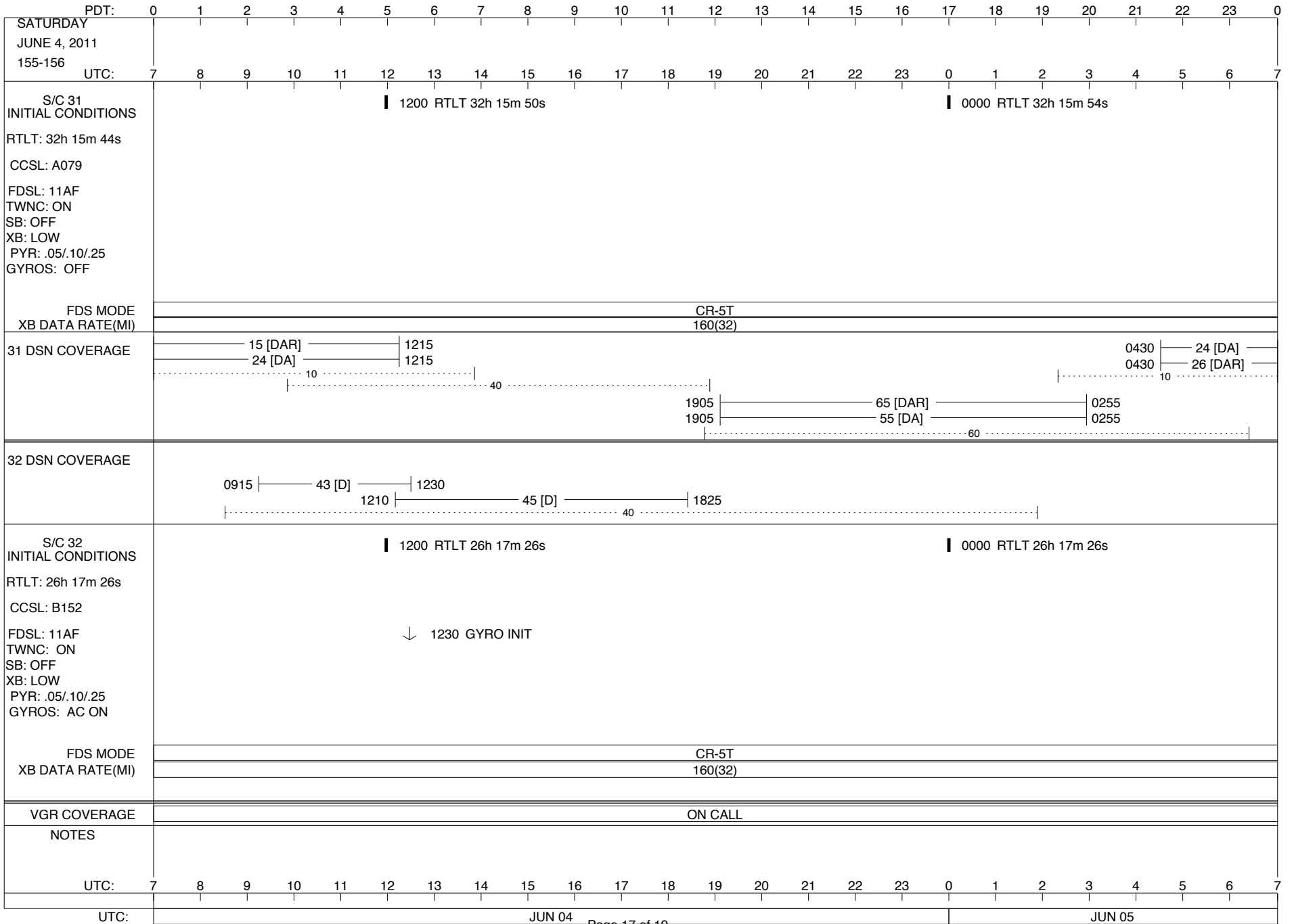


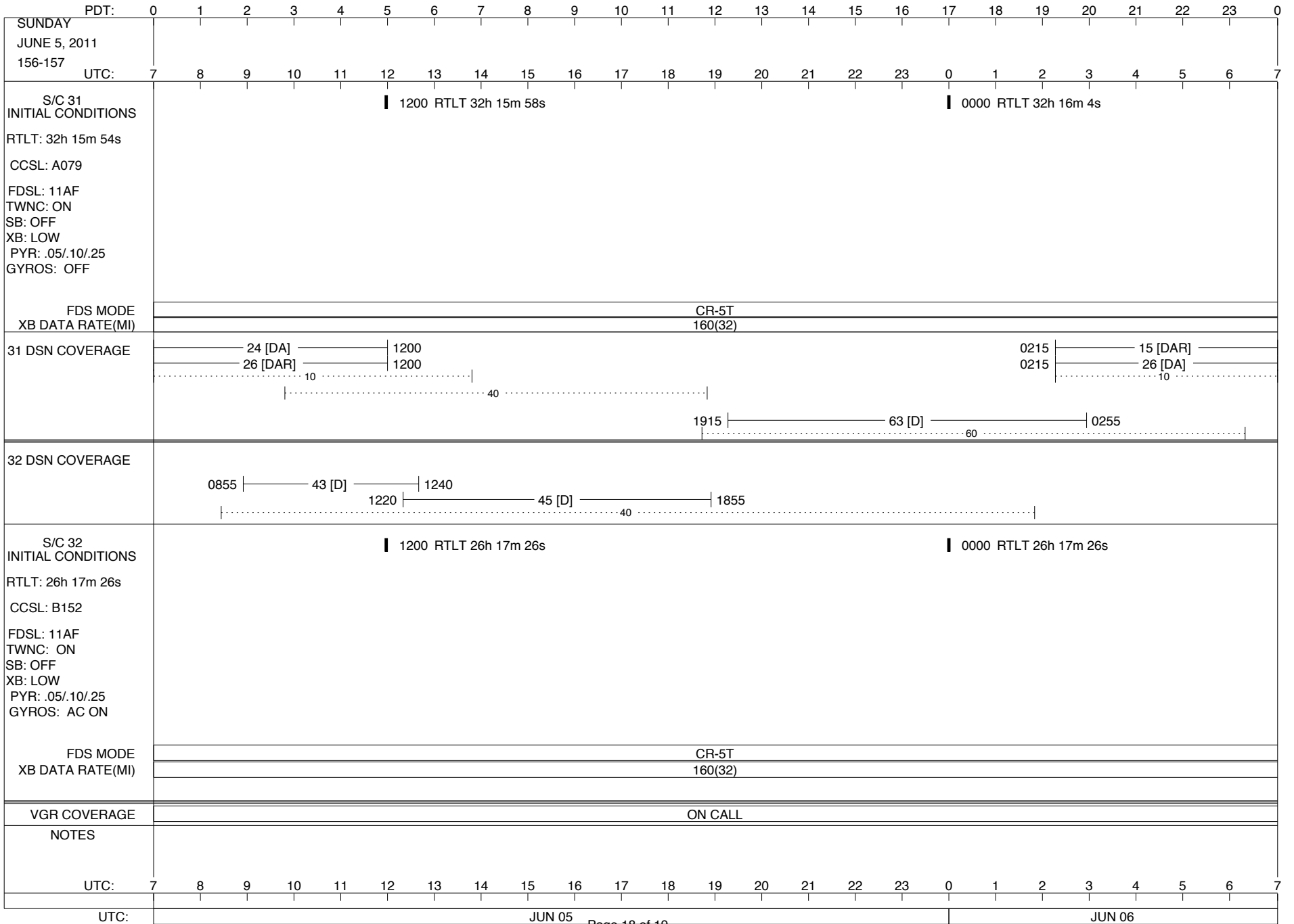
ISSUE DATE: 05/25/11 17:04











ISSUE DATE: 05/25/11 17:04

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		
MONDAY JUNE 6, 2011 157-158																											
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 RTLT: 32h 16m 4s CCSL: A079 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 32h 16m 8s</p>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<p>15 [DAR] —————   1130 26 [DA] —————   1130 ..... 10 .....   ..... 40 .....  </p>																										
32 DSN COVERAGE	<p>0755  —— 43 [D] ——  1010 0955  —— 45 [D] ——  1310</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 26h 17m 26s CCSL: B152 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON	<p style="text-align: center;">█ 1200 RTLT 26h 17m 26s</p> <p style="text-align: center;">↓ 1230 GYRO INIT</p>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
VGR COVERAGE	ON CALL																										
NOTES																											
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:	JUN 06													JUN 07													