

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: August 18, 2010

For the Period: 08/19/2010 to 09/06/2010 (10-231 – 10-249)

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

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

OTHER

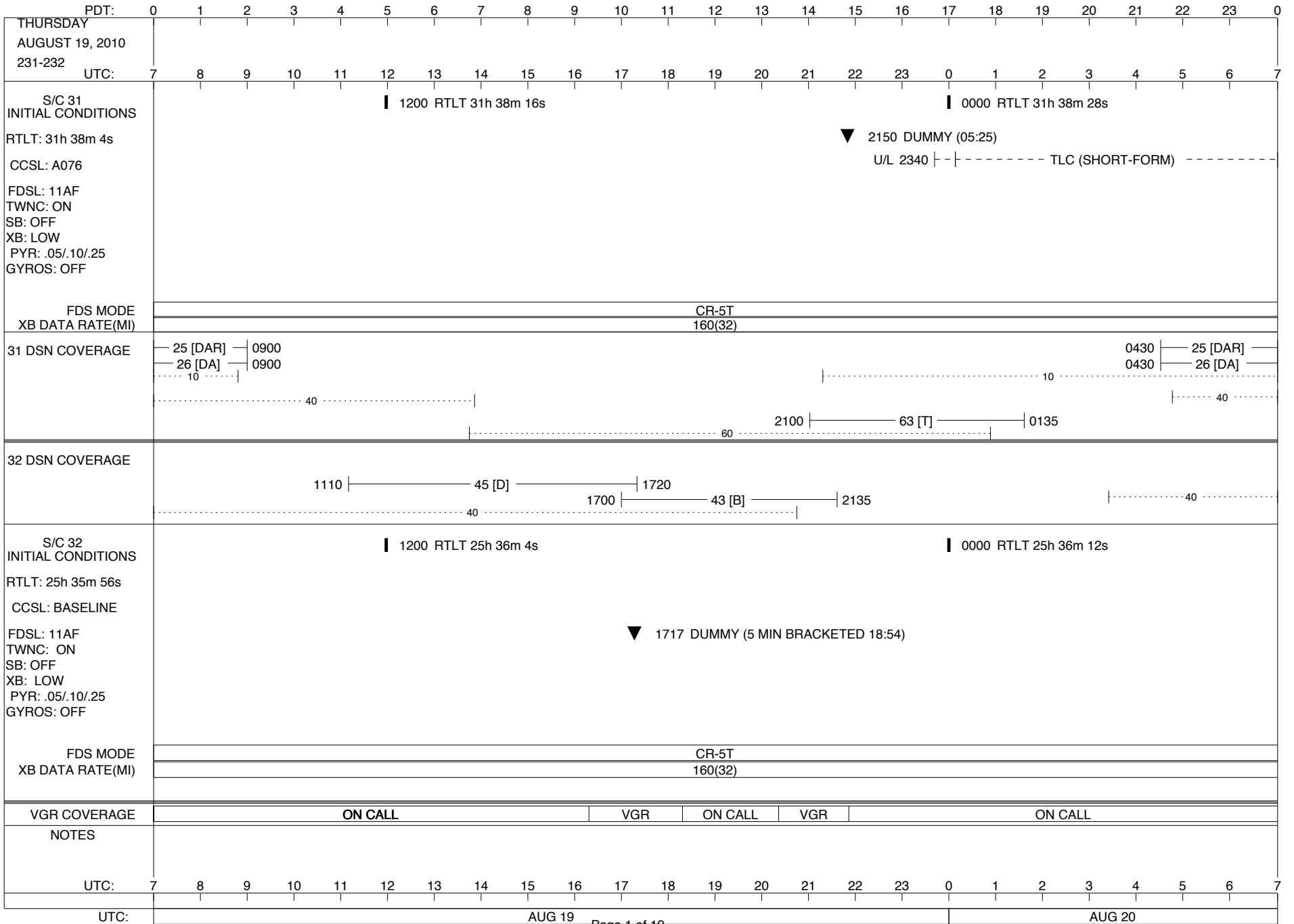
* KMassey@jgld.gdscc.nasa.gov
 * Belinda.Arroyo@jpl.nasa.gov
 * DSN-MPSETA@jjpl.jpl.nasa.gov

LEGEND:

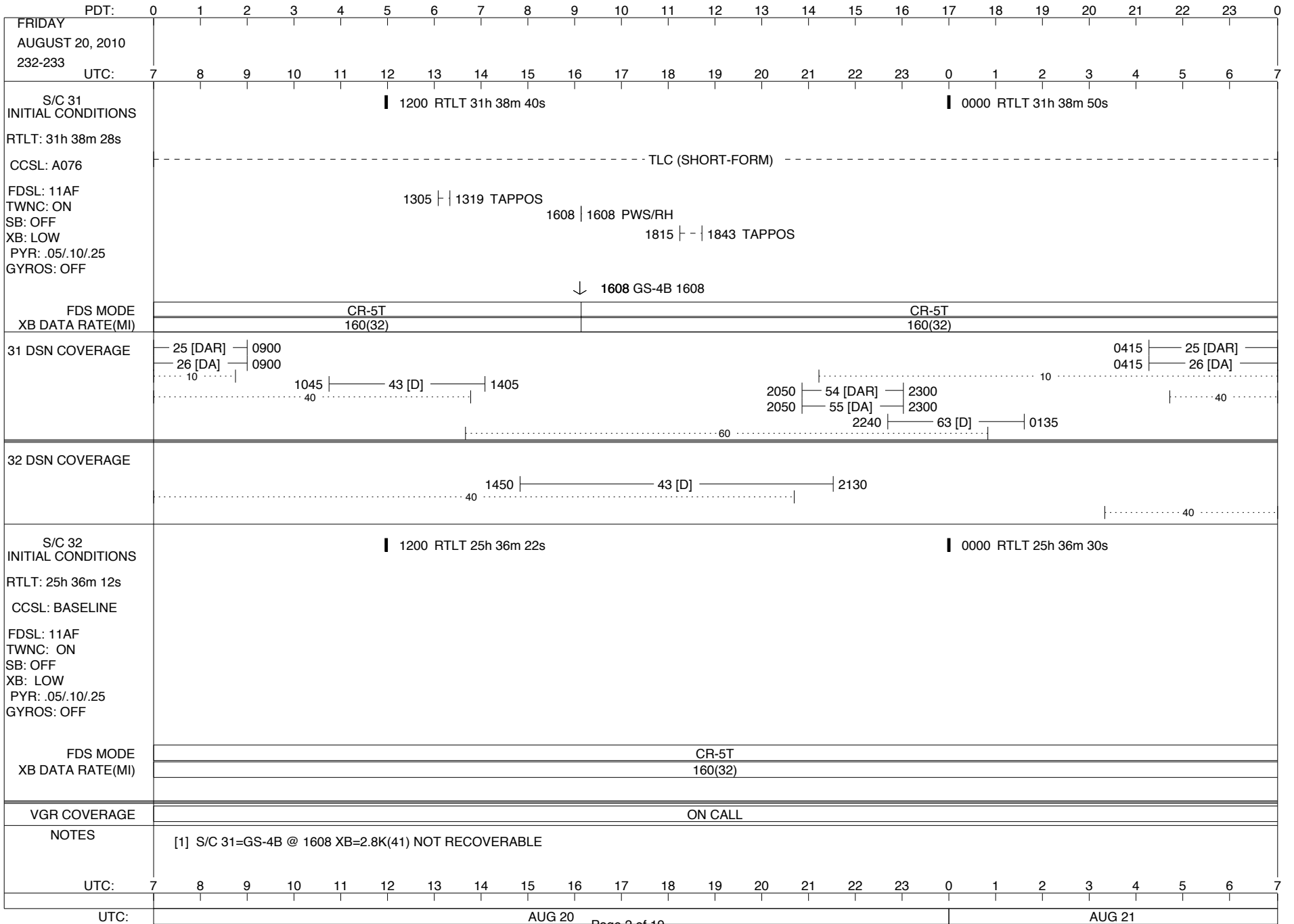
∇ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = 7-Point BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink only pass
 [o] = Ramp-through

*Electronic Copy Only
 (16 – Dist/N: Paper Copies)
 07/22/10

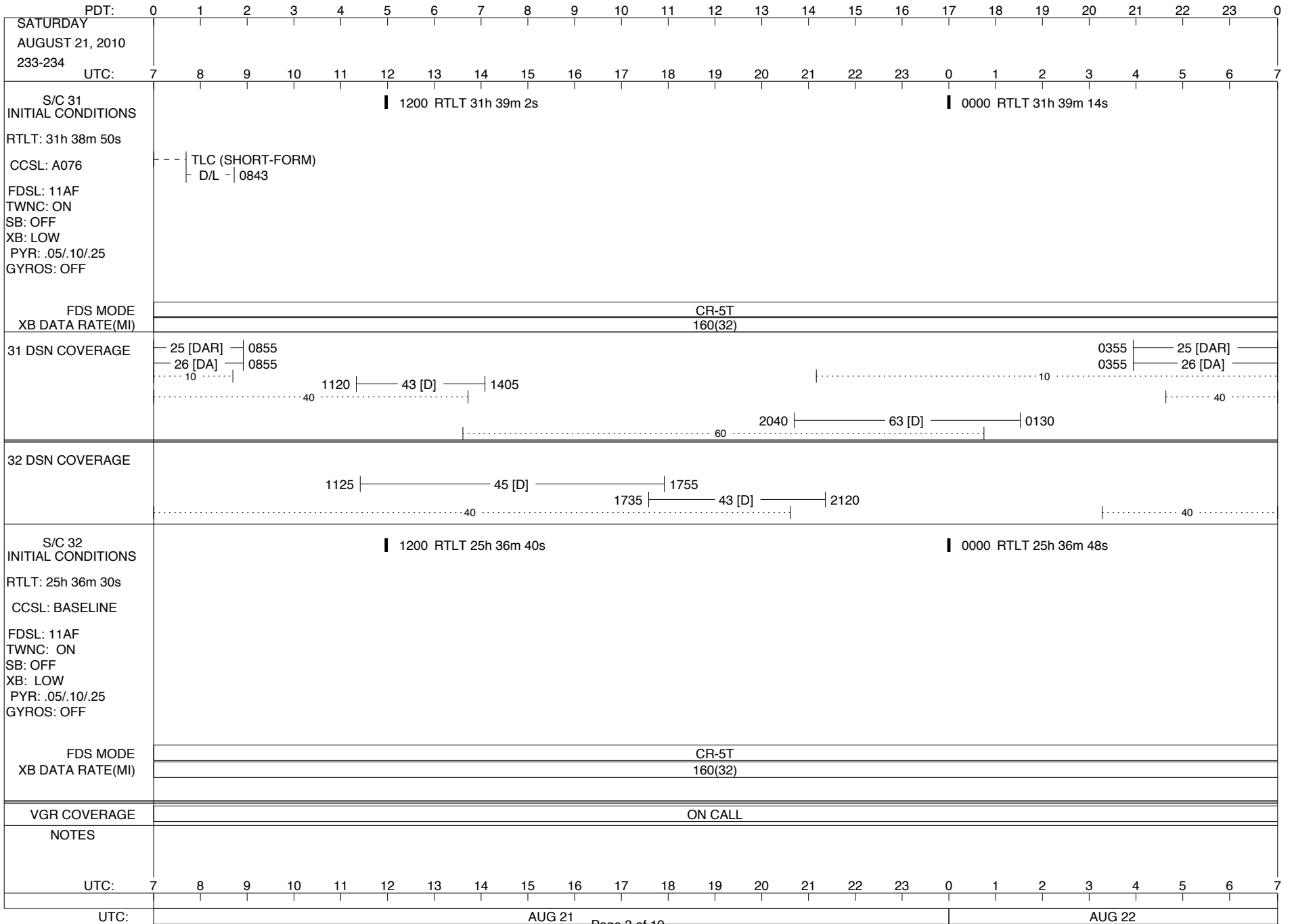
ISSUE DATE: 08/18/10 20:57



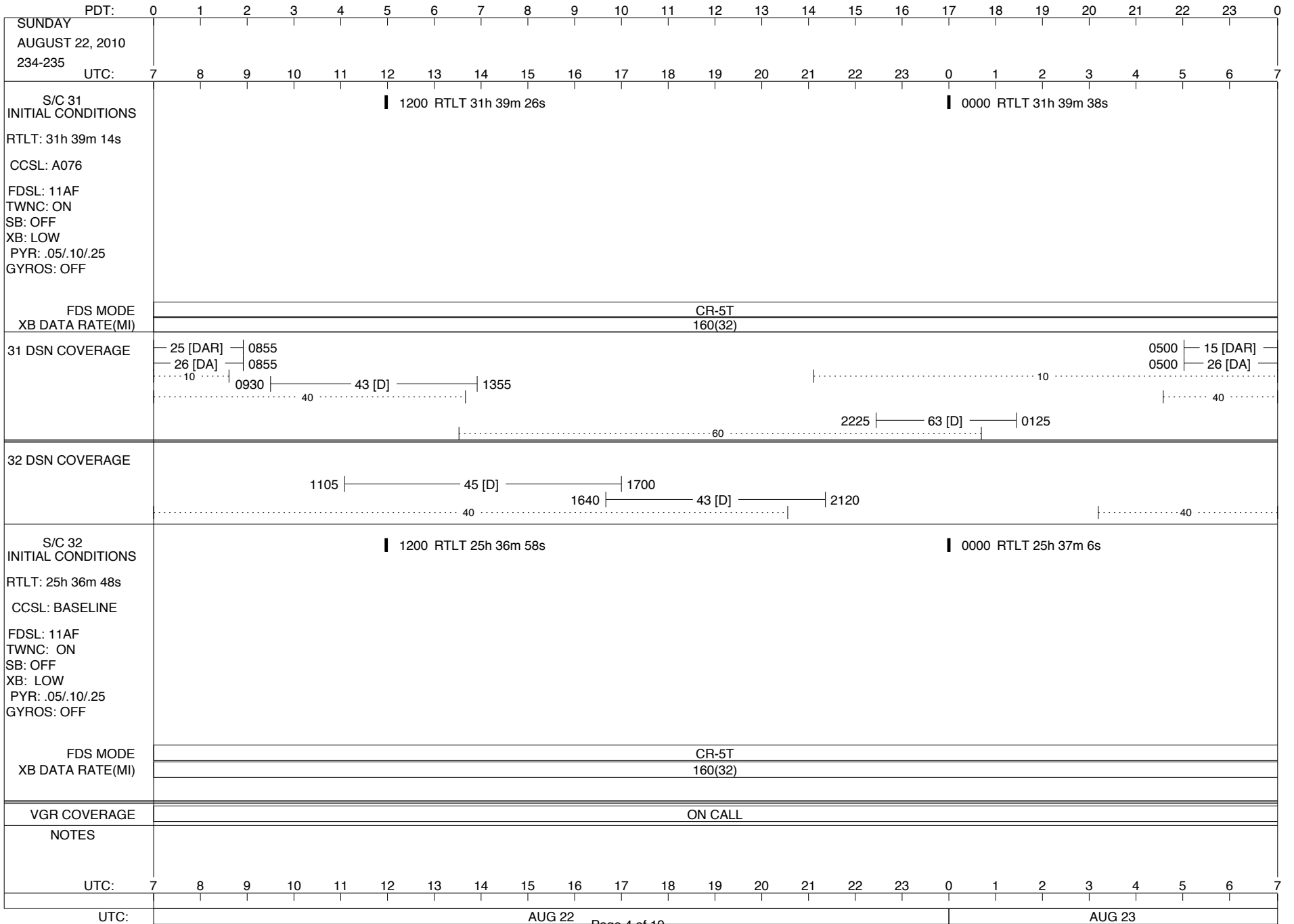
ISSUE DATE: 08/18/10 20:57



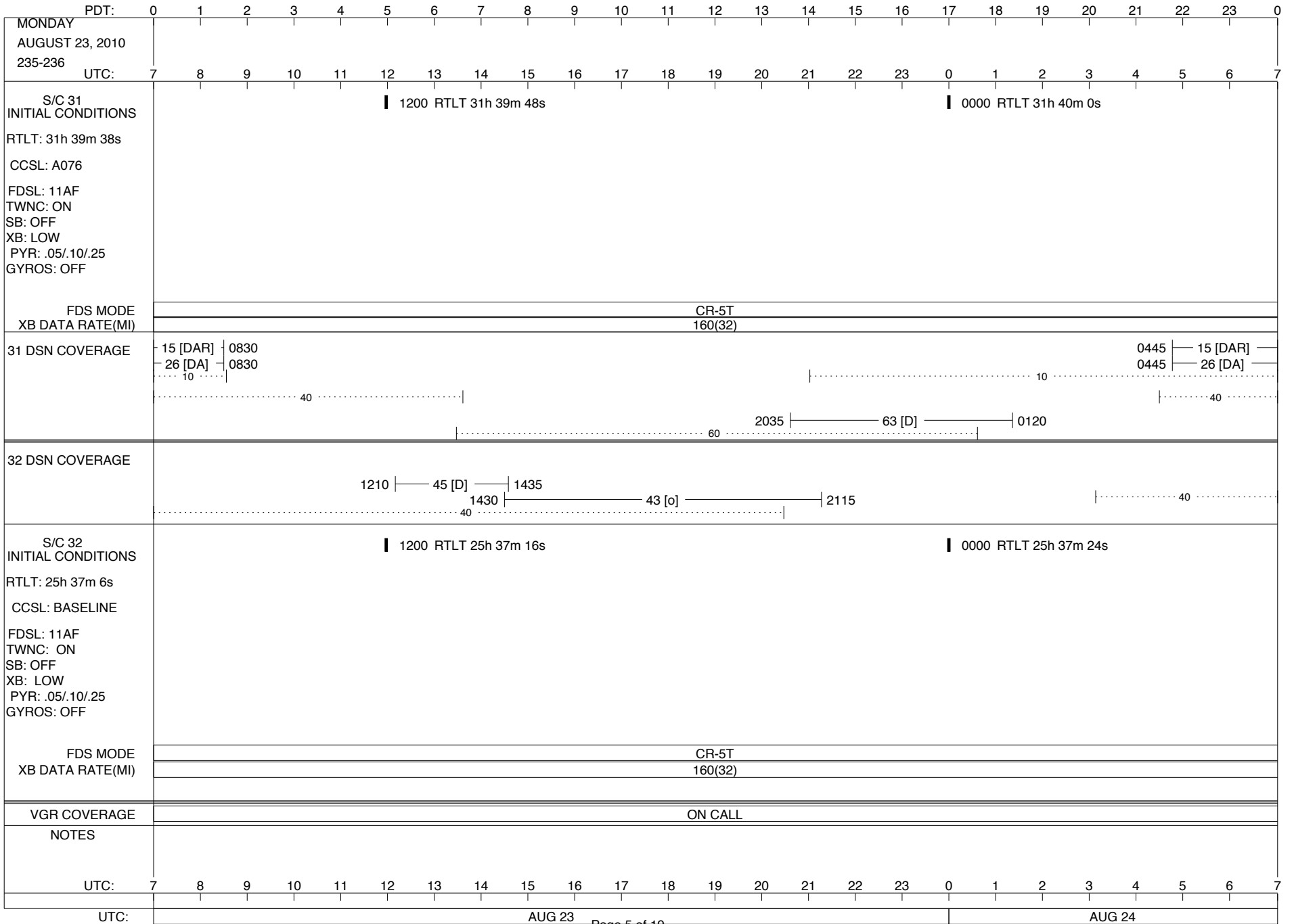
ISSUE DATE: 08/18/10 20:57



ISSUE DATE: 08/18/10 20:57



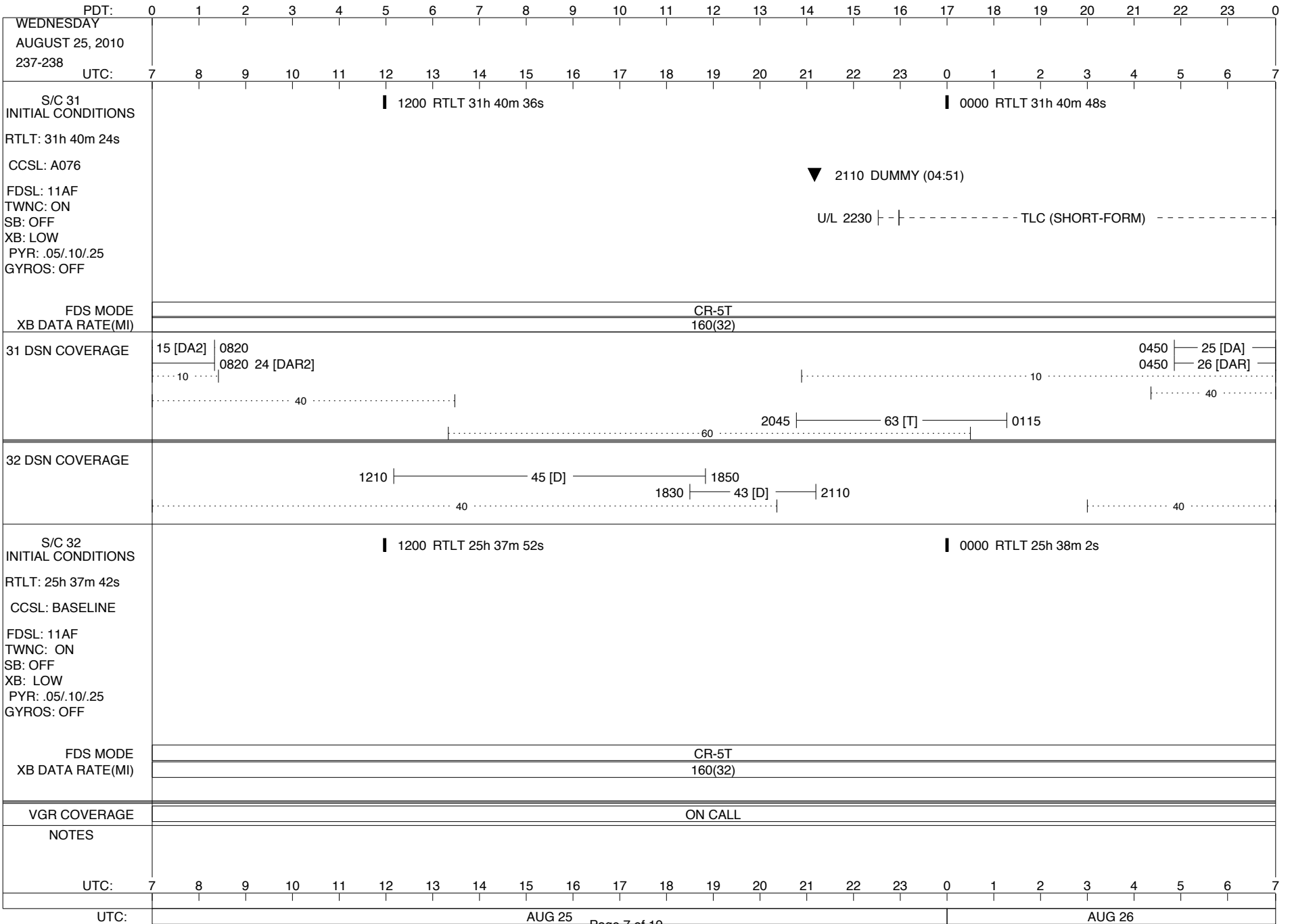
ISSUE DATE: 08/18/10 20:57



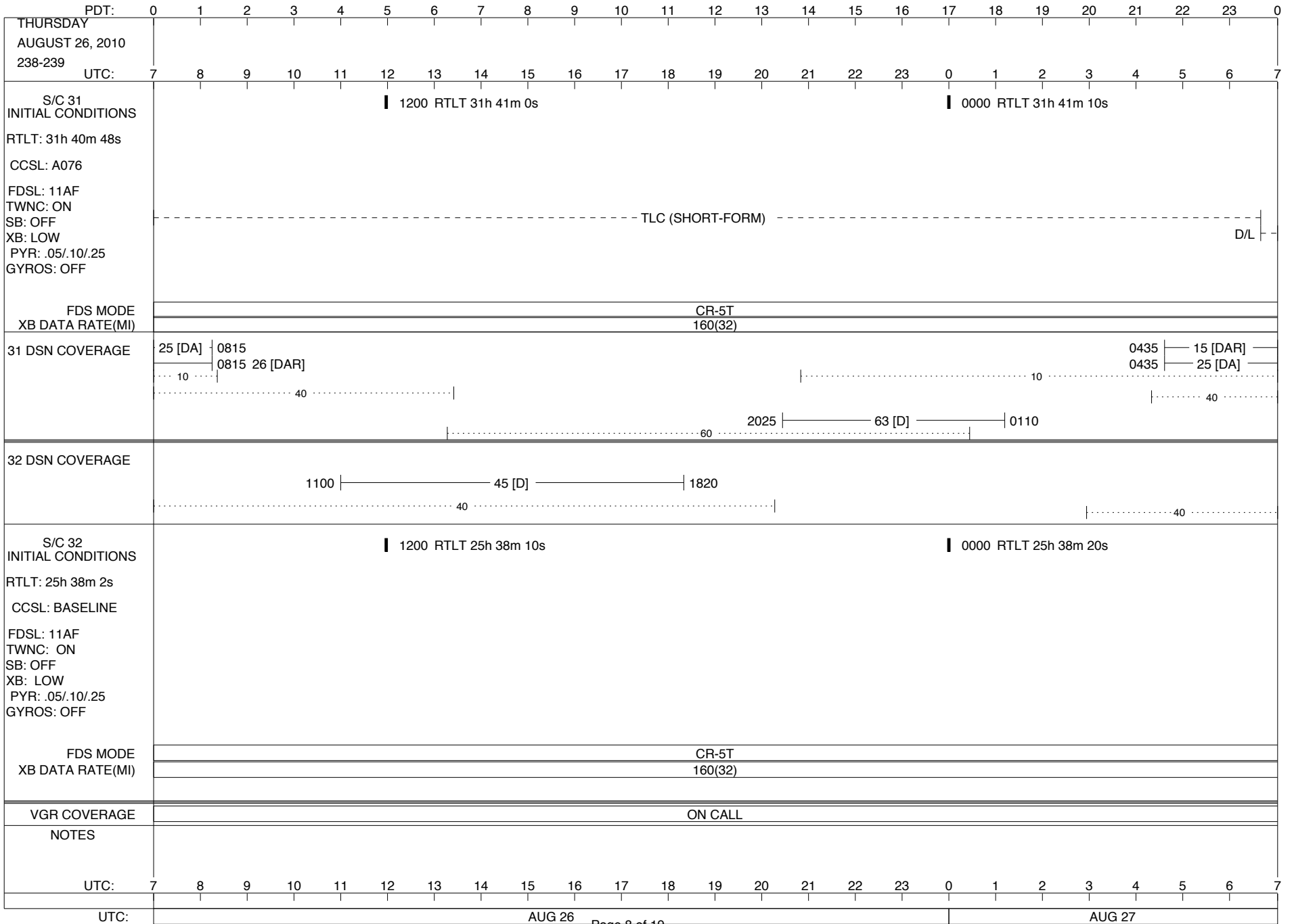
ISSUE DATE: 08/18/10 20:57

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 AUGUST 24, 2010 236-237																									
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: 31h 40m 0s CCSL: A076 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 31h 40m 12s												0000 RTLTL 31h 40m 24s												
	0944 0945 PWS/RH																								
	↓ 0944 GS-4B 0945																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	15 [DAR] 0825 26 [DA] 0825 10 40 1105 43 [D] 1345												0235 15 [DA2] 0235 24 [DAR2] 10 2230 63 [D] 0120 60 40												
32 DSN COVERAGE	0930 45 [D] 1840 40 40																								
S/C 32 INITIAL CONDITIONS RTLTL: 25h 37m 24s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 25h 37m 34s												0000 RTLTL 25h 37m 42s												
	1331 PLSCAL - 1513																								
	1331 --- MAGCAL --- 1633																								
	1331 --- PESCAL --- 1651																								
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0944 XB=2.8K(41) NOT RECOVERABLE [2] TTC v10.1 PIT																								
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:	AUG 24												AUG 25												

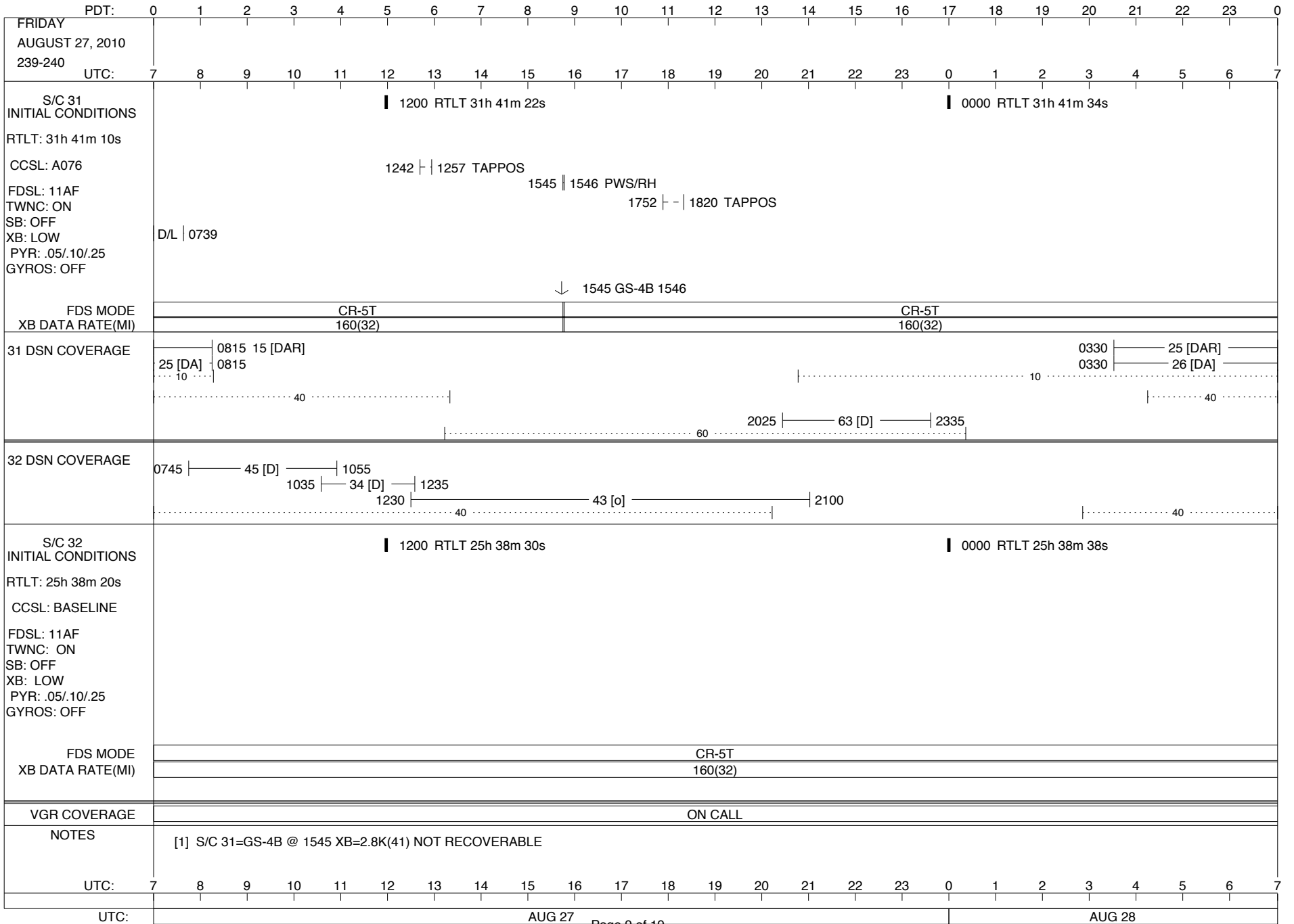
ISSUE DATE: 08/18/10 20:57



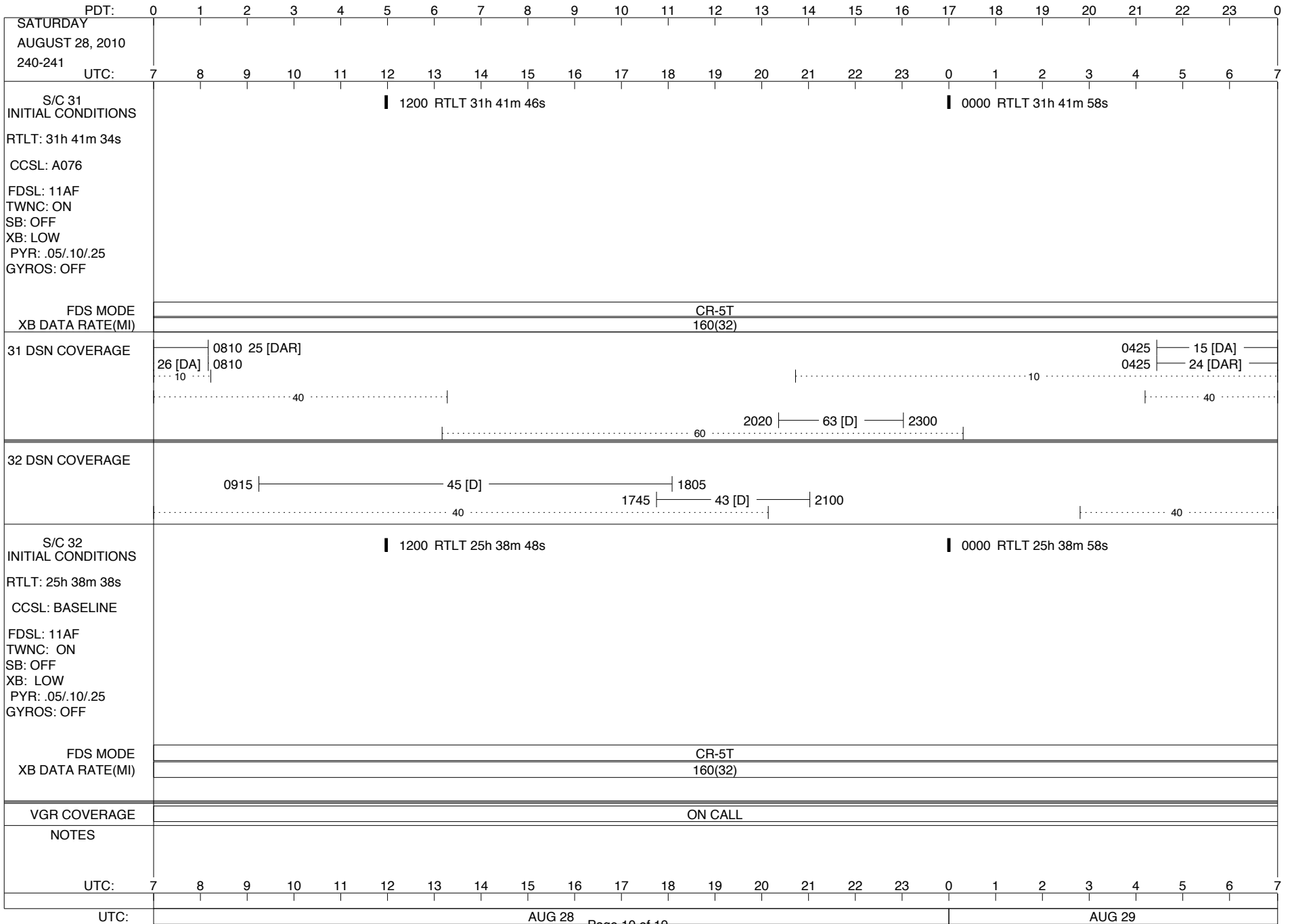
ISSUE DATE: 08/18/10 20:57



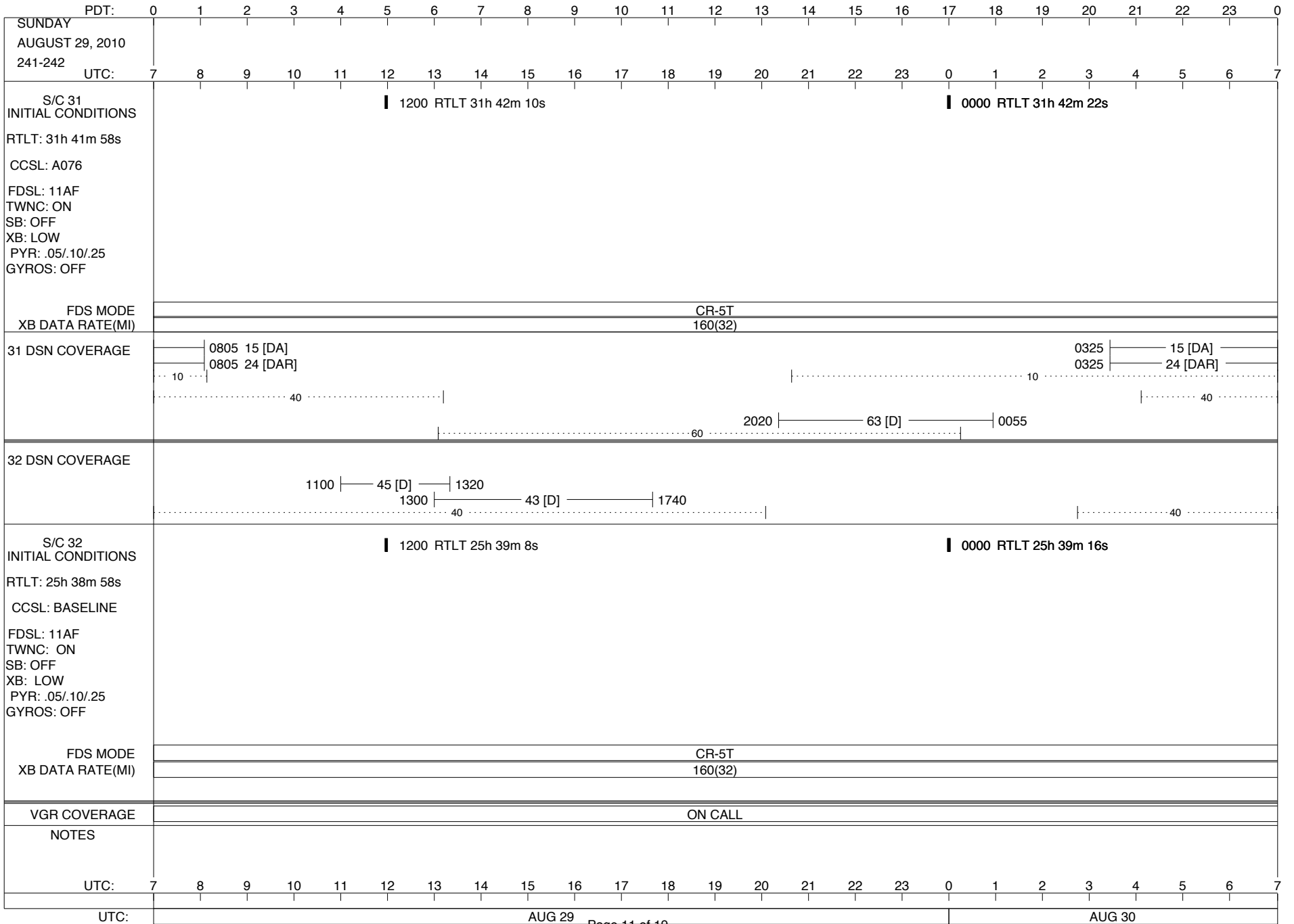
ISSUE DATE: 08/18/10 20:57

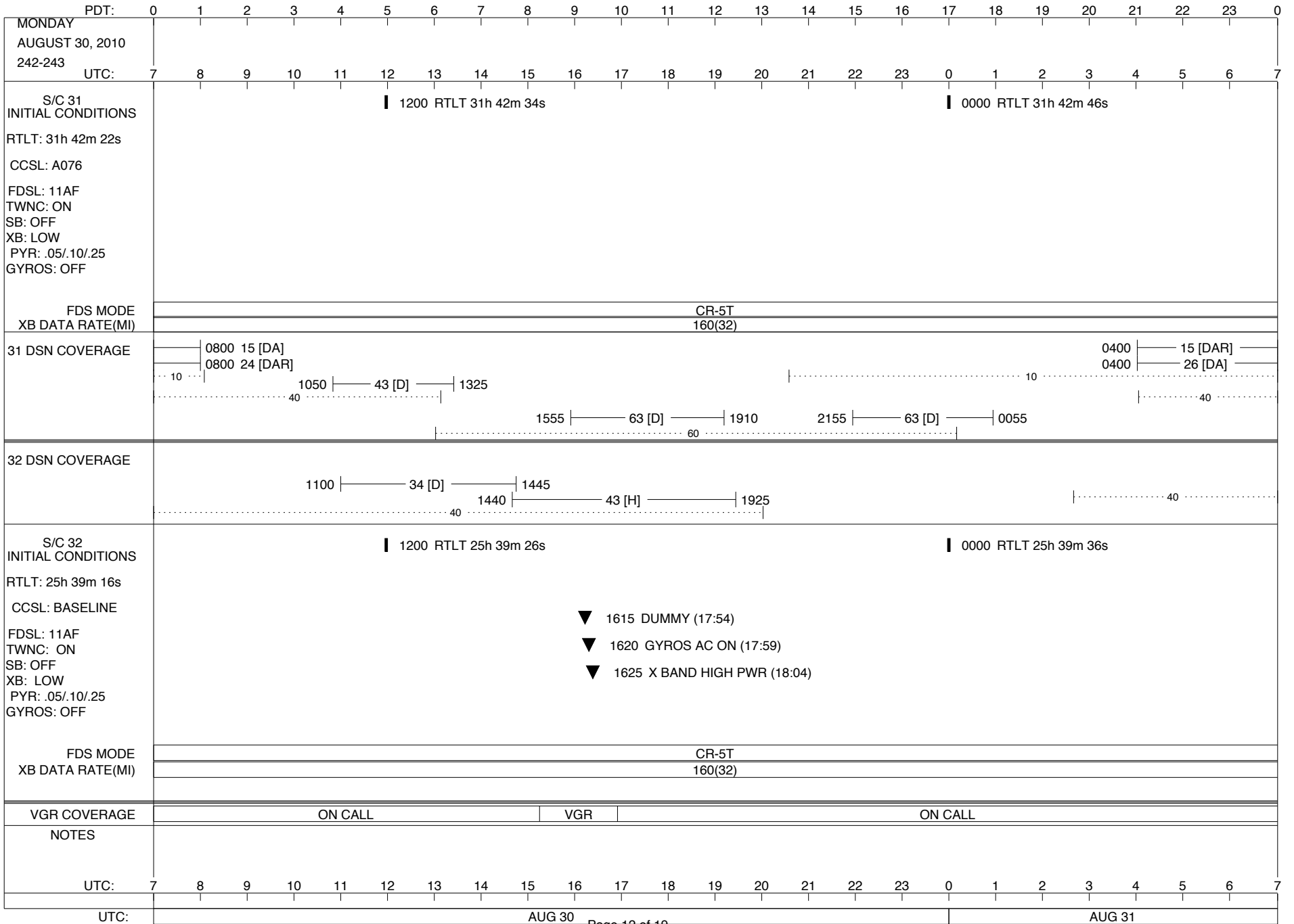


ISSUE DATE: 08/18/10 20:57



ISSUE DATE: 08/18/10 20:57

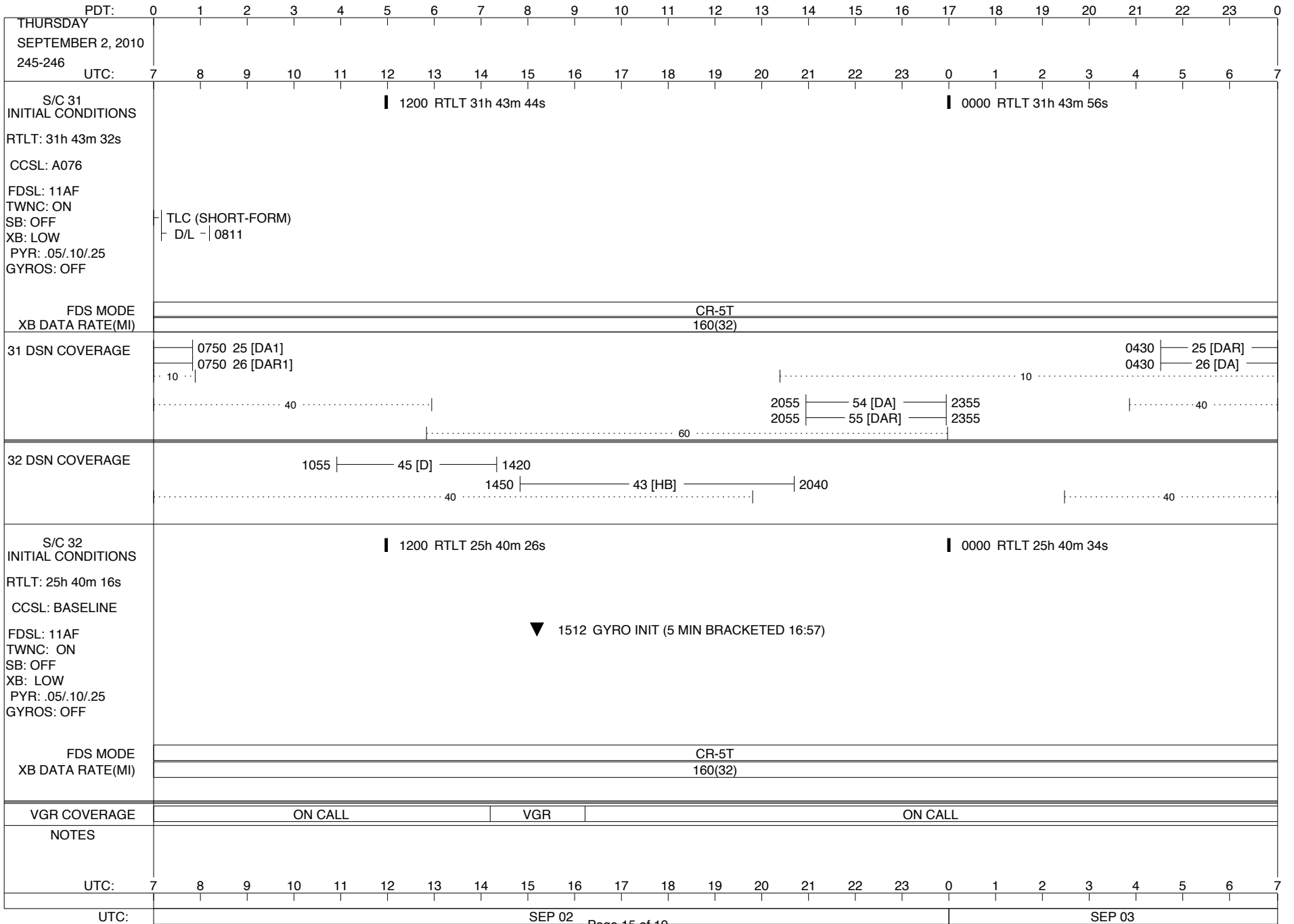




ISSUE DATE: 08/18/10 20:57

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			
WEDNESDAY SEPTEMBER 1, 2010 244-245																												
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: 31h 43m 8s CCSL: A076 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 31h 43m 20s												0000 RTLTL 31h 43m 32s															
----- TLC (SHORT-FORM) -----																												
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	0755 15 [DA] 0315 25 [DA1] 0755 26 [DAR] 0315 26 [DAR1]												1220 43 [D] 1320 2030 63 [D] 0045															
32 DSN COVERAGE	1055 45 [D] 1600												1905 43 [D] 2040															
S/C 32 INITIAL CONDITIONS RTLTL: 25h 39m 56s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 25h 40m 6s												0000 RTLTL 25h 40m 16s															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
VGR COVERAGE	ON CALL																											
NOTES	[1] TTC V10.1 PIT																											
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:	SEP 01														SEP 02													

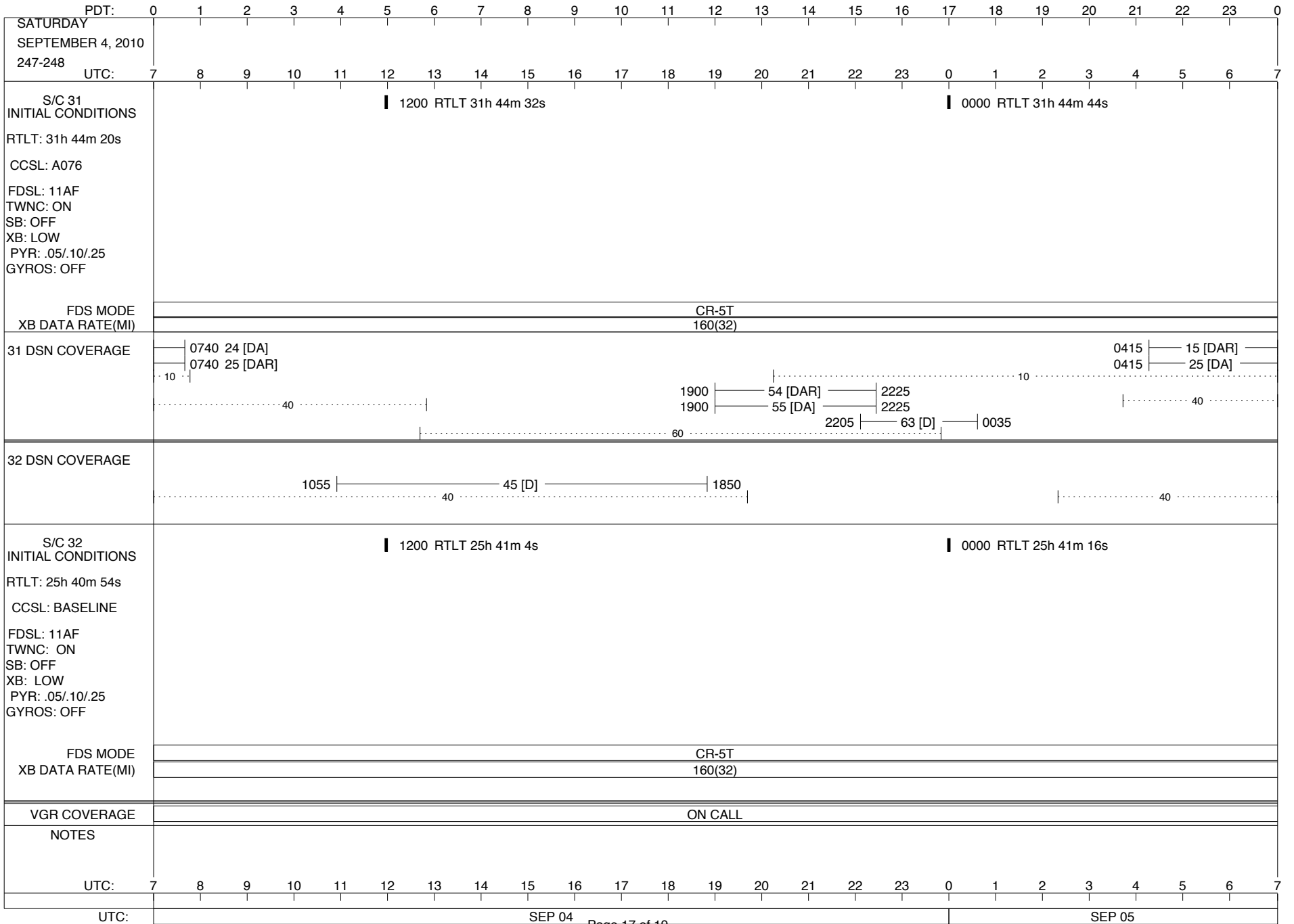
ISSUE DATE: 08/18/10 20:57



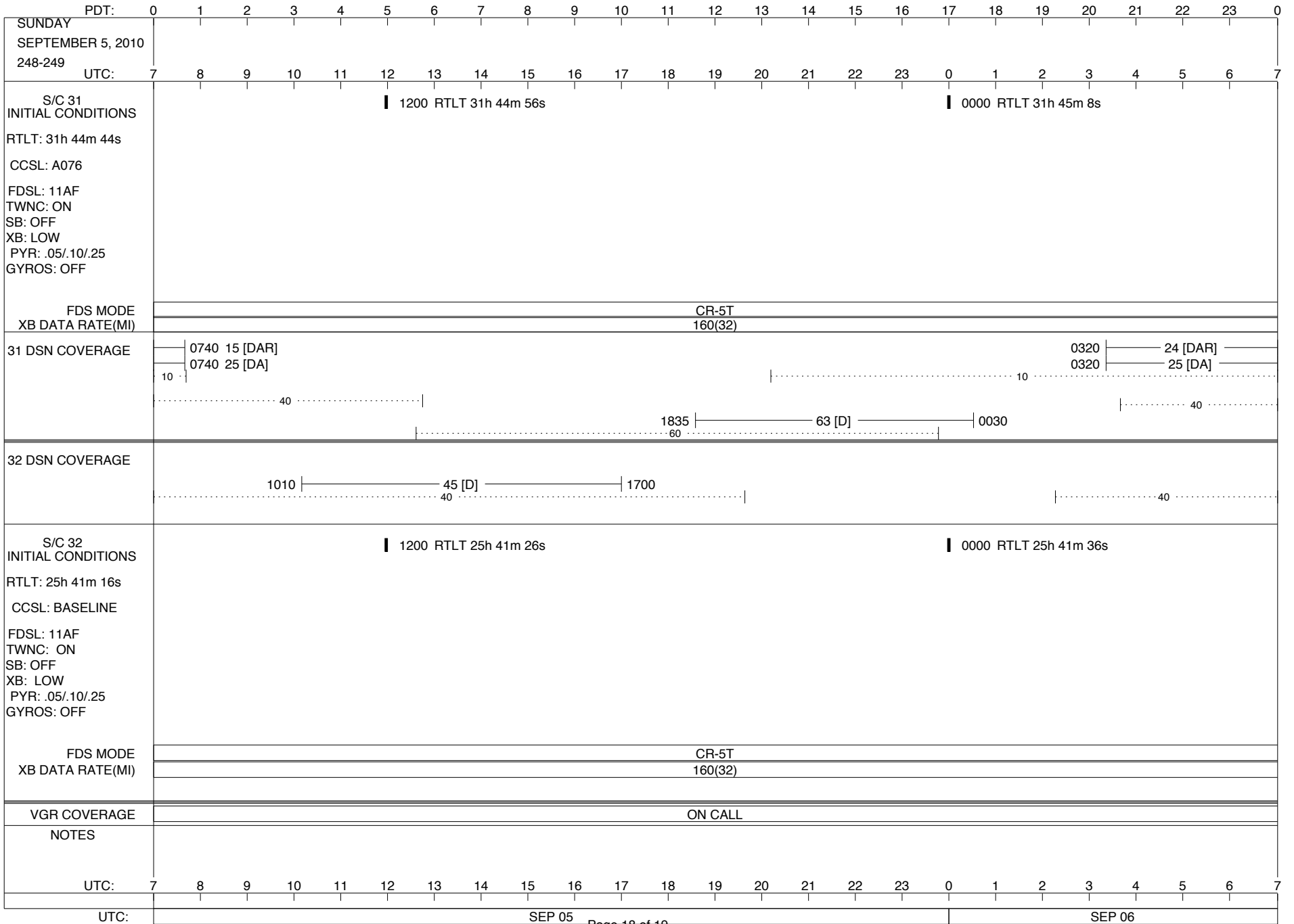
ISSUE DATE: 08/18/10 20:57

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			
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			
FRIDAY SEPTEMBER 3, 2010 246-247																													
S/C 31 INITIAL CONDITIONS RTLT: 31h 43m 56s CCSL: A076 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 31h 44m 8s														0000 RTLT 31h 44m 20s													
FDS MODE		CR-5T														CR-5T													
XB DATA RATE(MI)		160(32)														160(32)													
31 DSN COVERAGE		0745 25 [DAR] 0745 26 [DA]										2005 63 [D]										0345 24 [DA] 0345 25 [DAR]							
32 DSN COVERAGE		0845 45 [D]														1755													
S/C 32 INITIAL CONDITIONS RTLT: 25h 40m 34s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 25h 40m 44s														0000 RTLT 25h 40m 54s													
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=GS-4B @ 1522 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:		SEP 03														SEP 04													

ISSUE DATE: 08/18/10 20:57



ISSUE DATE: 08/18/10 20:57



ISSUE DATE: 08/18/10 20:57

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 SEPTEMBER 6, 2010 249-250																																																																																																																																																																																													
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: 31h 45m 8s CCSL: A076 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 31h 45m 20s																																																																																																																																																																																												
FDS MODE														CR-5T																																																																																																																																																																															
XB DATA RATE(MI)														160(32)																																																																																																																																																																															
31 DSN COVERAGE	<table border="0"> <tr> <td>0735 24 [DAR]</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>0735 25 [DA]</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>10 </td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>..... 40</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>..... 60</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>1915 ----- 63 [D] ----- 2255</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>																											0735 24 [DAR]																											0735 25 [DA]																											10																										 40 60																											1915 ----- 63 [D] ----- 2255																										
0735 24 [DAR]																																																																																																																																																																																													
0735 25 [DA]																																																																																																																																																																																													
10																																																																																																																																																																																													
..... 40																																																																																																																																																																																													
..... 60																																																																																																																																																																																													
1915 ----- 63 [D] ----- 2255																																																																																																																																																																																													
32 DSN COVERAGE	<table border="0"> <tr> <td>1310 ----- 43 [o] ----- 2025</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>..... 40</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>																											1310 ----- 43 [o] ----- 2025																										 40																																																																																																																																						
1310 ----- 43 [o] ----- 2025																																																																																																																																																																																													
..... 40																																																																																																																																																																																													
S/C 32 INITIAL CONDITIONS RTLT: 25h 41m 36s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 25h 41m 46s																																																																																																																																																																																												
FDS MODE														CR-5T																																																																																																																																																																															
XB DATA RATE(MI)														160(32)																																																																																																																																																																															
VGR COVERAGE	ON CALL																																																																																																																																																																																												
NOTES	JPL HOLIDAY!																																																																																																																																																																																												
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:	SEP 06													SEP 07																																																																																																																																																																															