

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: July 10, 2008

For the Period: 07/10/08 to 07/28/08 (08-192 – 08-210)

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

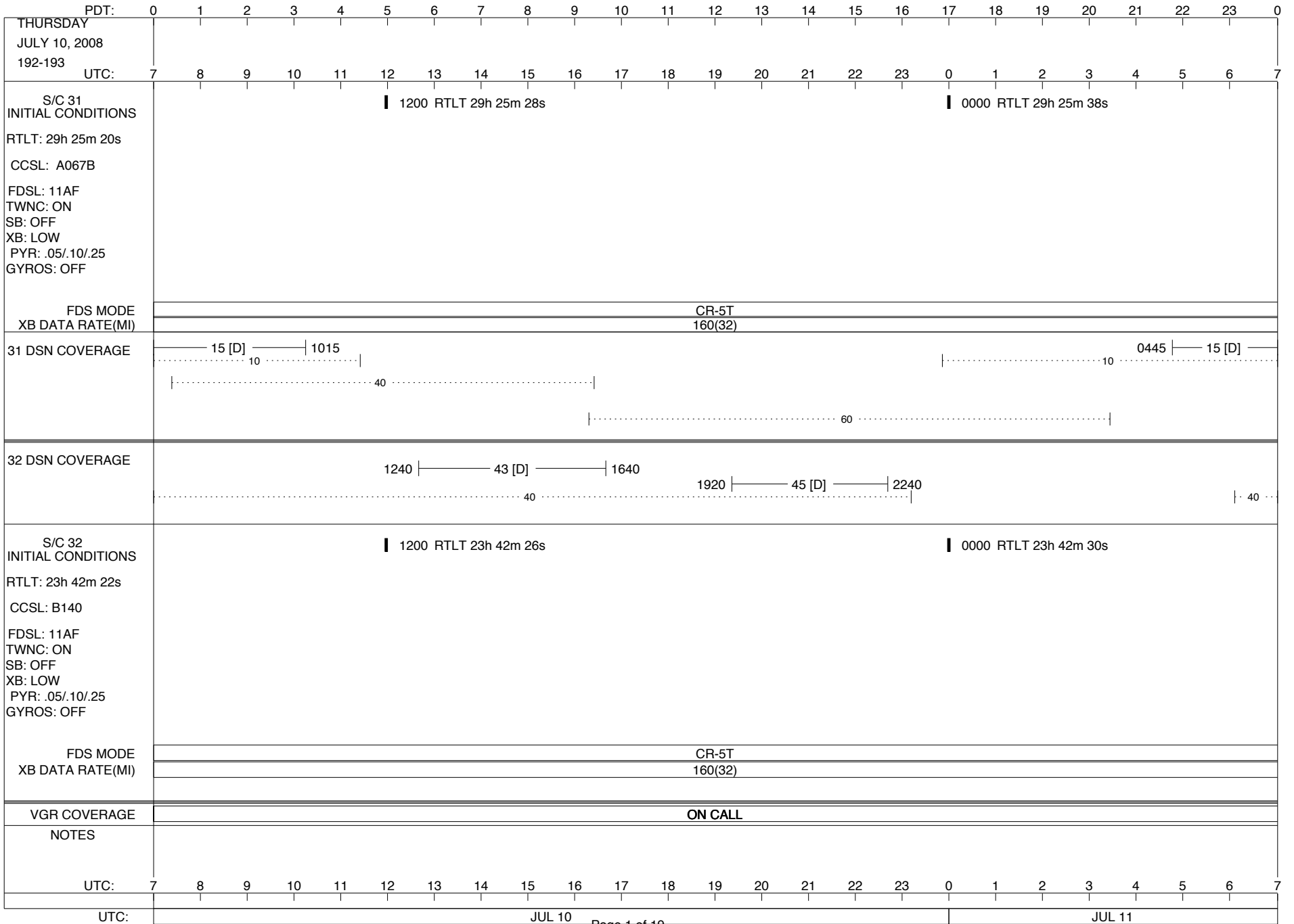
OTHER

* 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 = 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

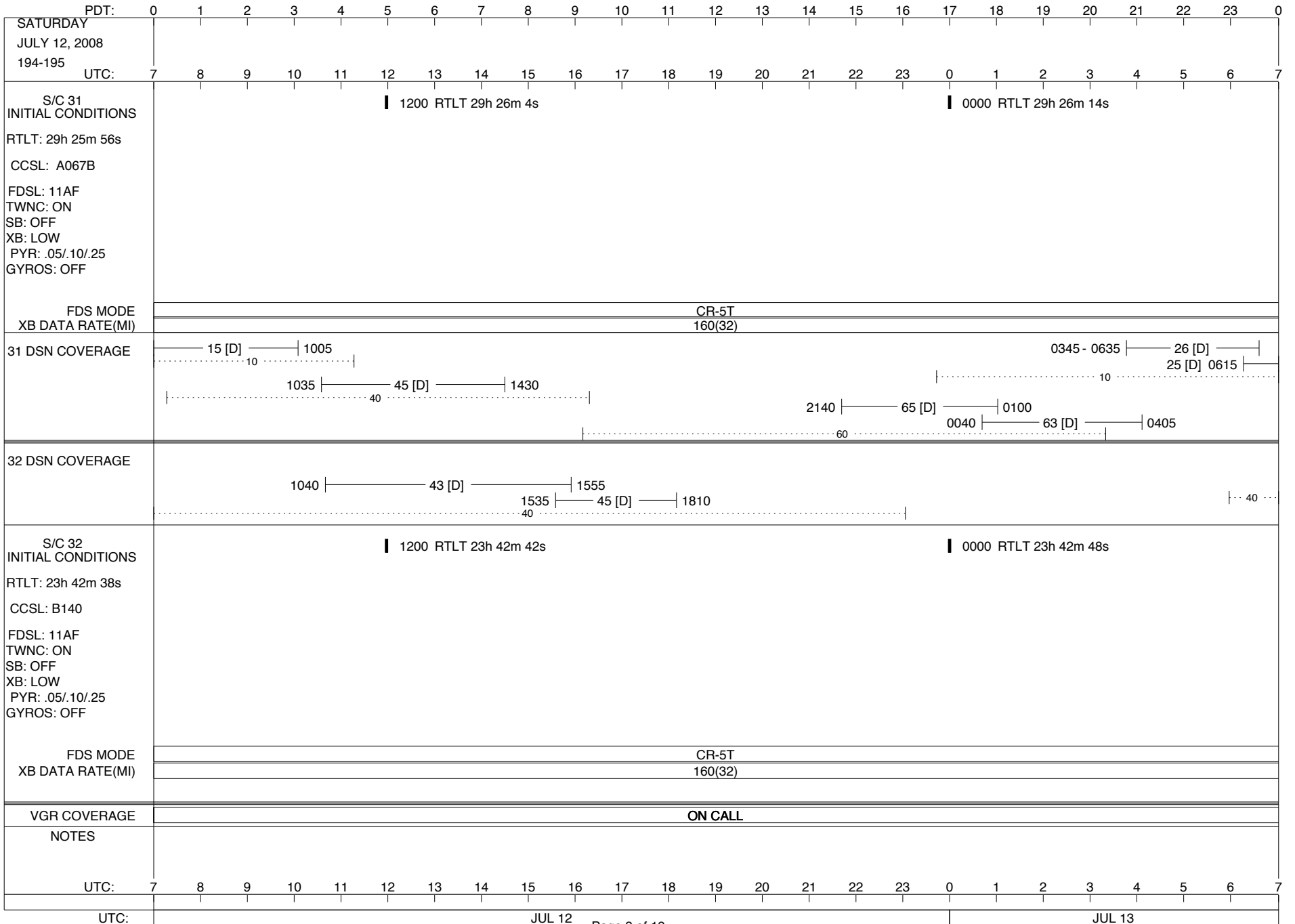
*Electronic Copy Only
 (17 – Dist/N: Paper Copies)
 02/21/08

ISSUE DATE: 07/10/08 15:01

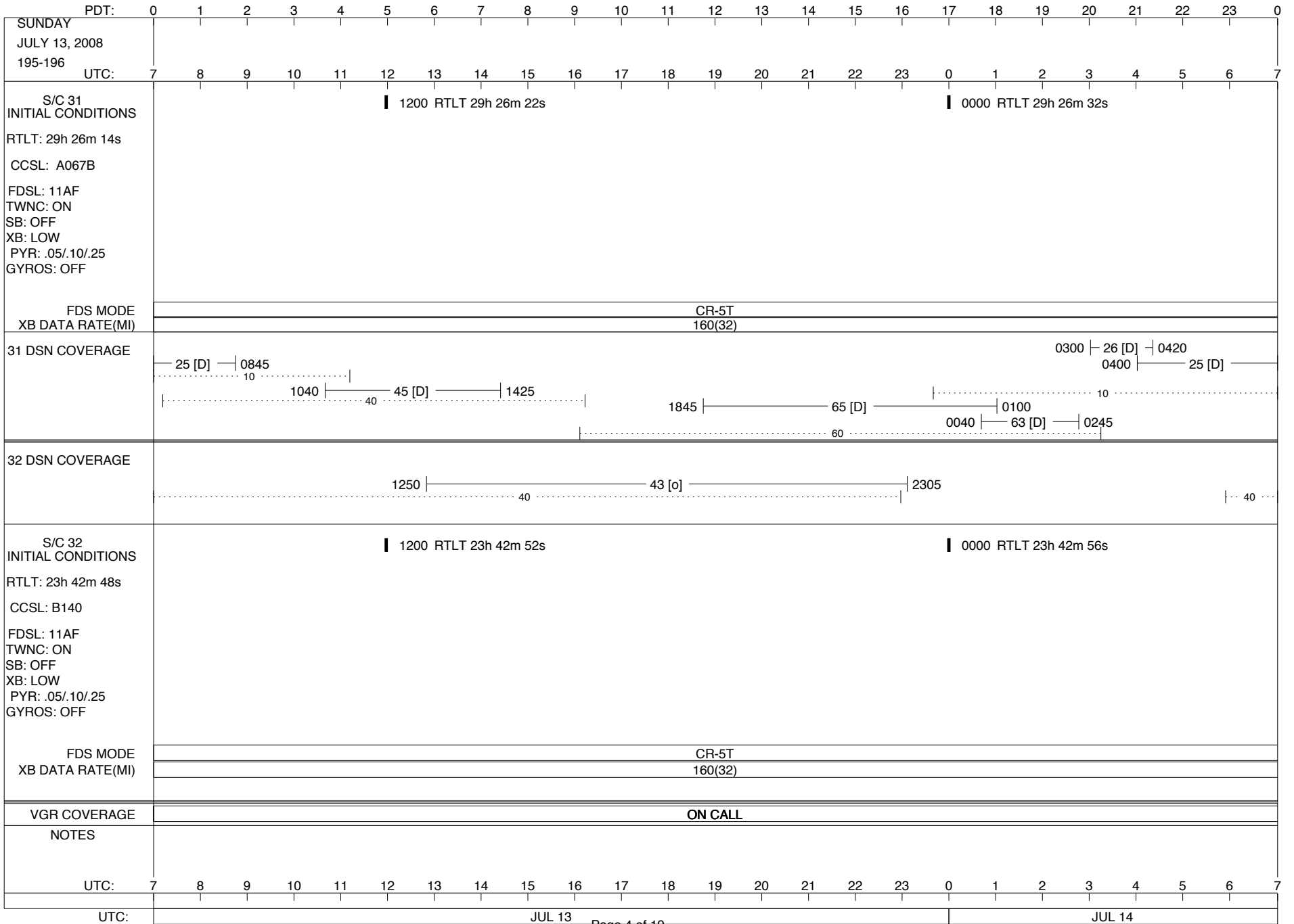


ISSUE DATE: 07/10/08 15:01

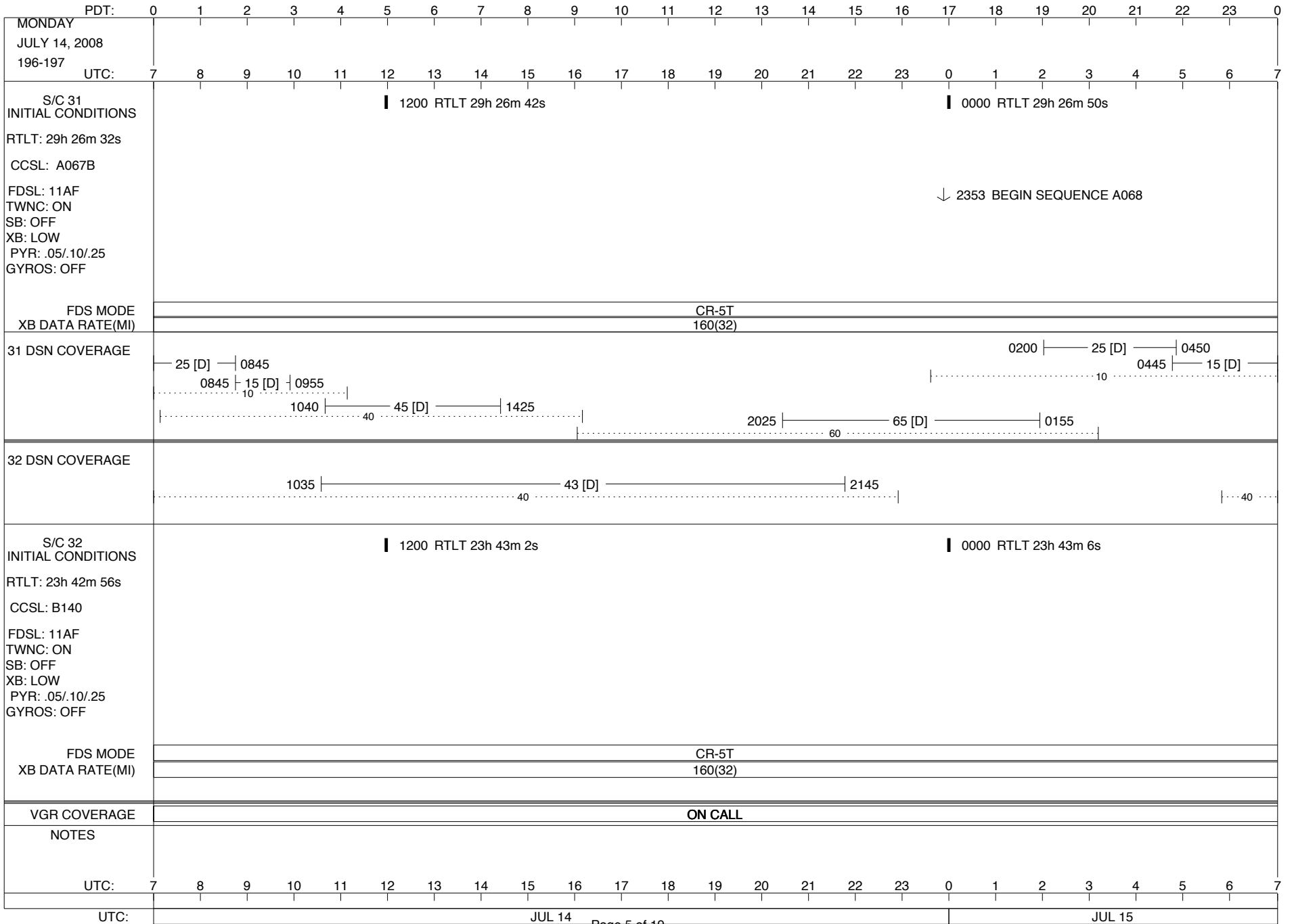
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
FRIDAY JULY 11, 2008 193-194	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 29h 25m 38s CCSL: A067B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 29h 25m 46s												0000 RTLT 29h 25m 56s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	15 [D] 0845 10 40												0400 15 [D] 10												
	1830 65 [D] 0210 60																								
32 DSN COVERAGE	1035 45 [D] 1935 40												40												
S/C 32 INITIAL CONDITIONS RTLT: 23h 42m 30s CCSL: B140 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 23h 42m 34s												0000 RTLT 23h 42m 38s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 1837 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:	JUL 11												JUL 12												



ISSUE DATE: 07/10/08 15:01



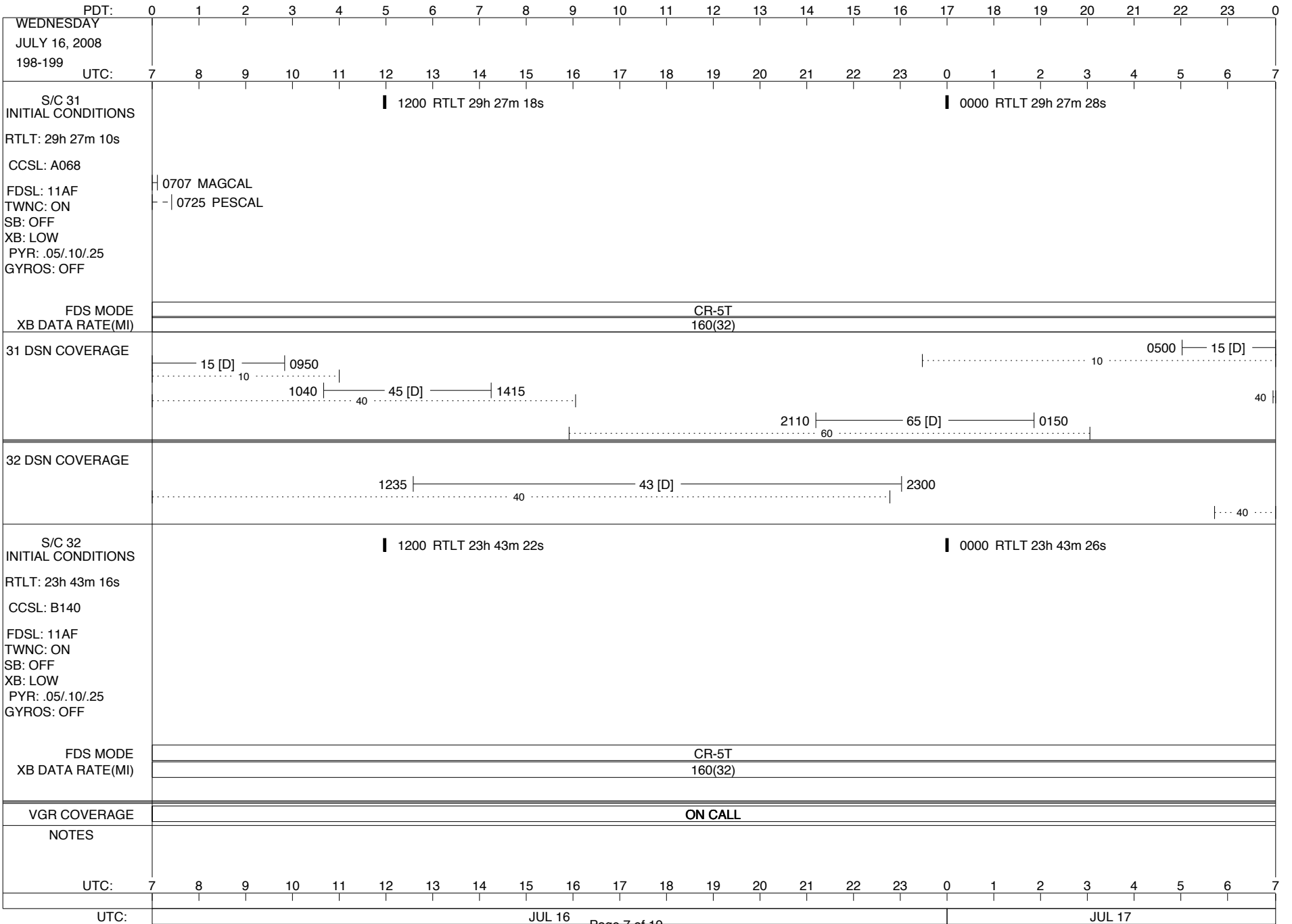
ISSUE DATE: 07/10/08 15:01



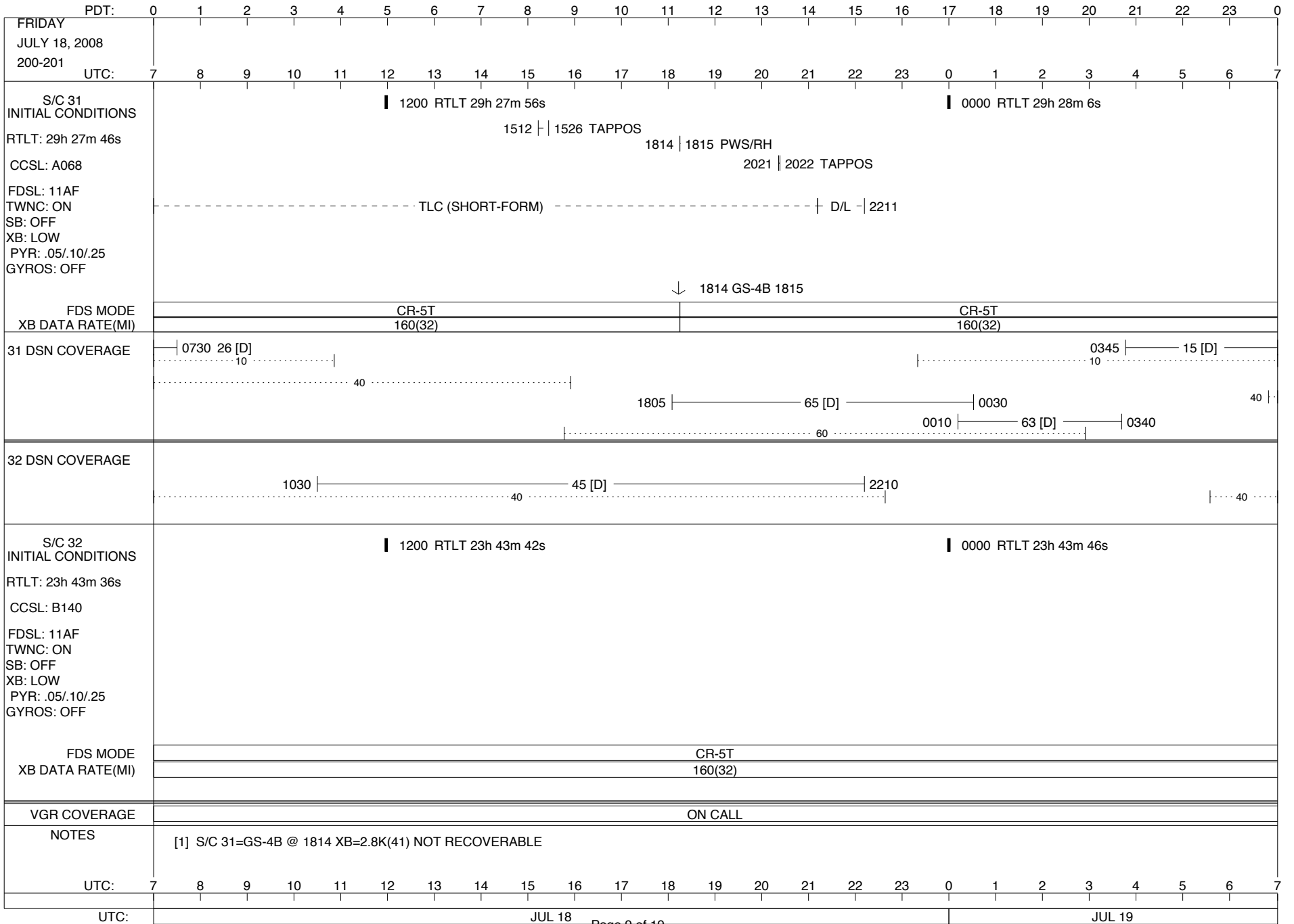
ISSUE DATE: 07/10/08 15:01

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 JULY 15, 2008 197-198																									
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: 29h 26m 50s CCSL: A068 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 29h 27m 0s												█ 0000 RTLTL 29h 27m 10s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	15 [D] 0825 1040 45 [D] 1420 40												0250 25 [D] 0505 0445 15 [D] 1950 65 [D] 2145 2210 63 [D] 0310 60 40												
32 DSN COVERAGE	1235 43 [D] 1715 40												40												
S/C 32 INITIAL CONDITIONS RTLTL: 23h 43m 6s CCSL: B140 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 23h 43m 12s												█ 0000 RTLTL 23h 43m 16s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 1214 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:	JUL 15												JUL 16												

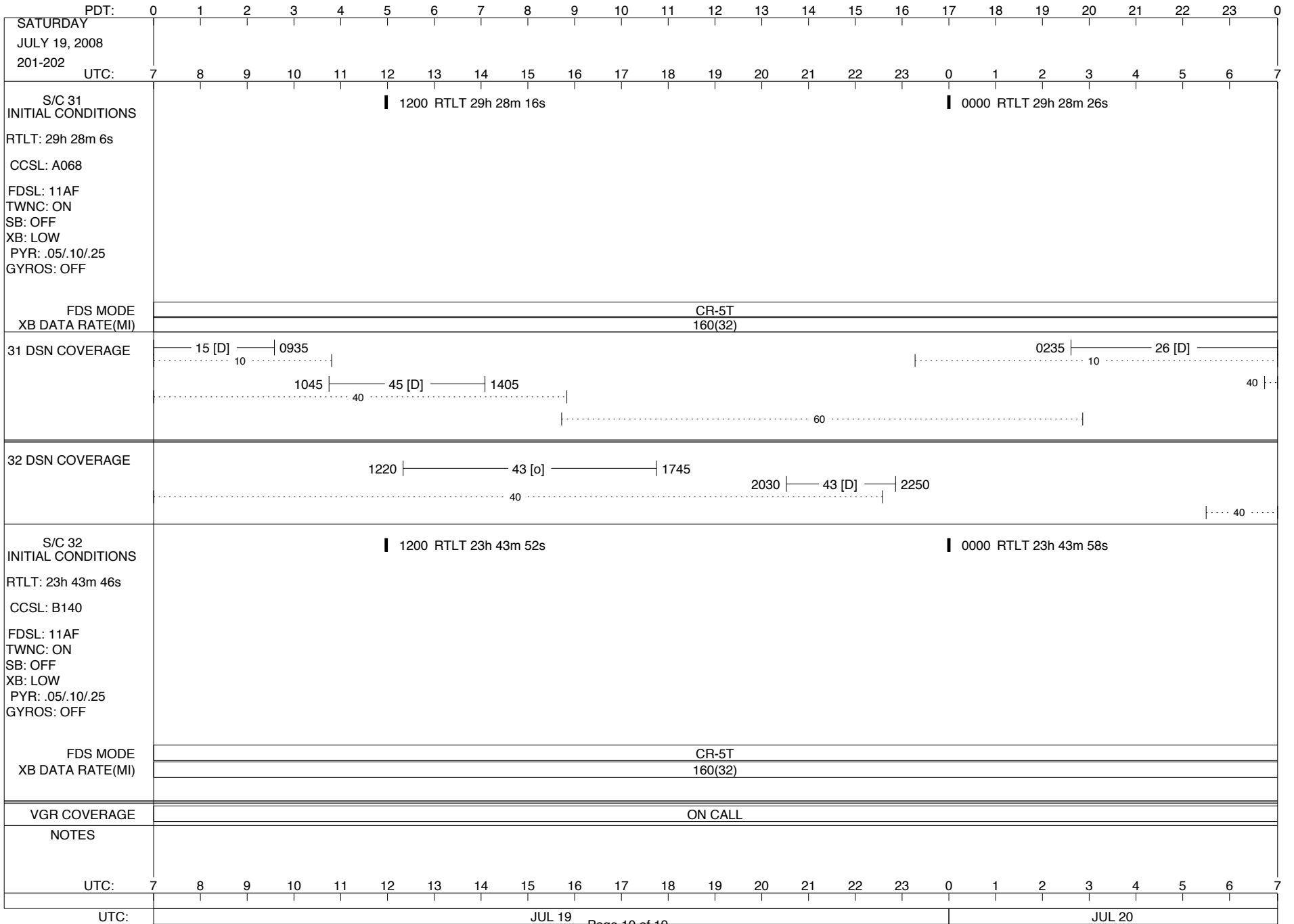
ISSUE DATE: 07/10/08 15:01



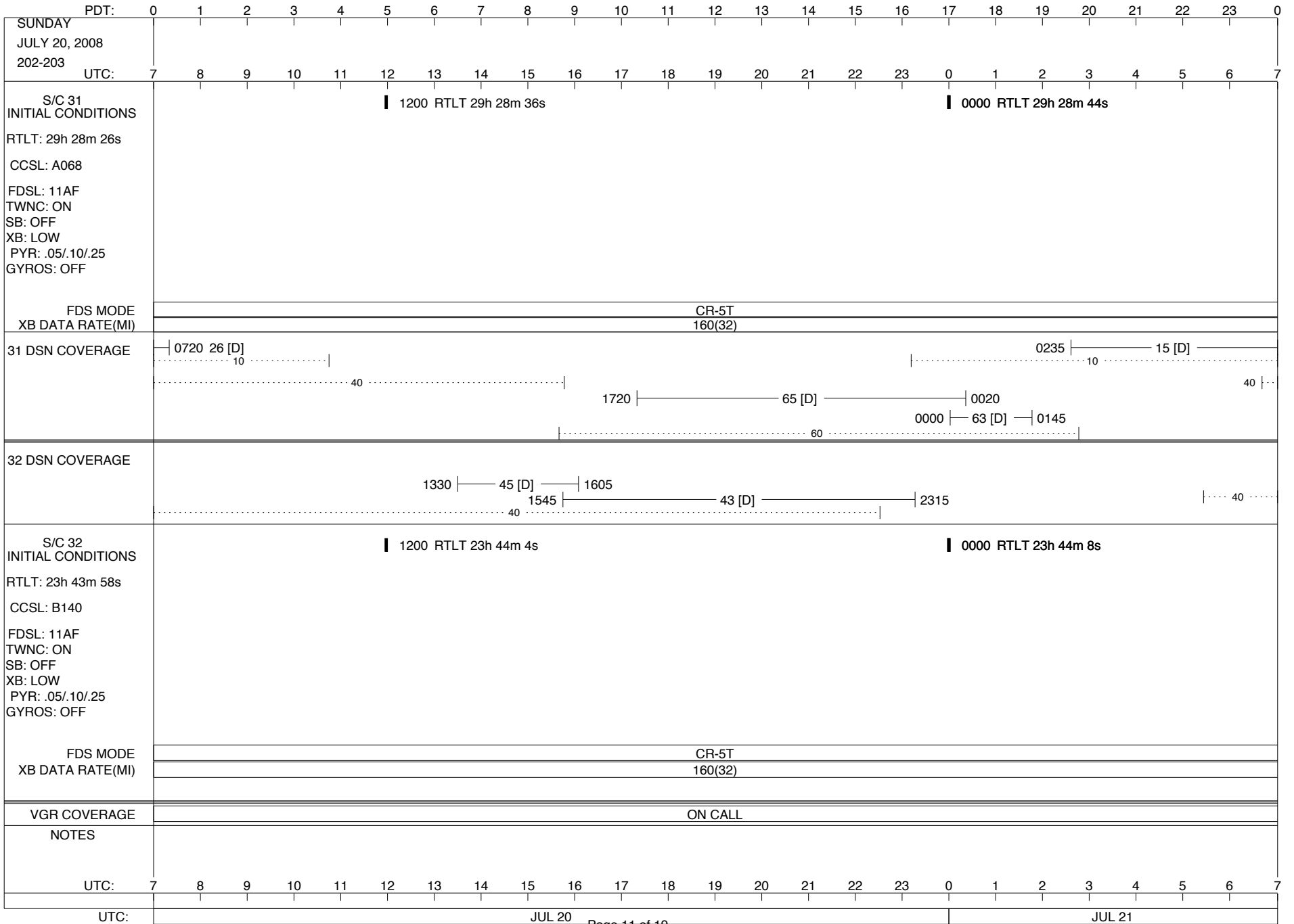
ISSUE DATE: 07/10/08 15:01



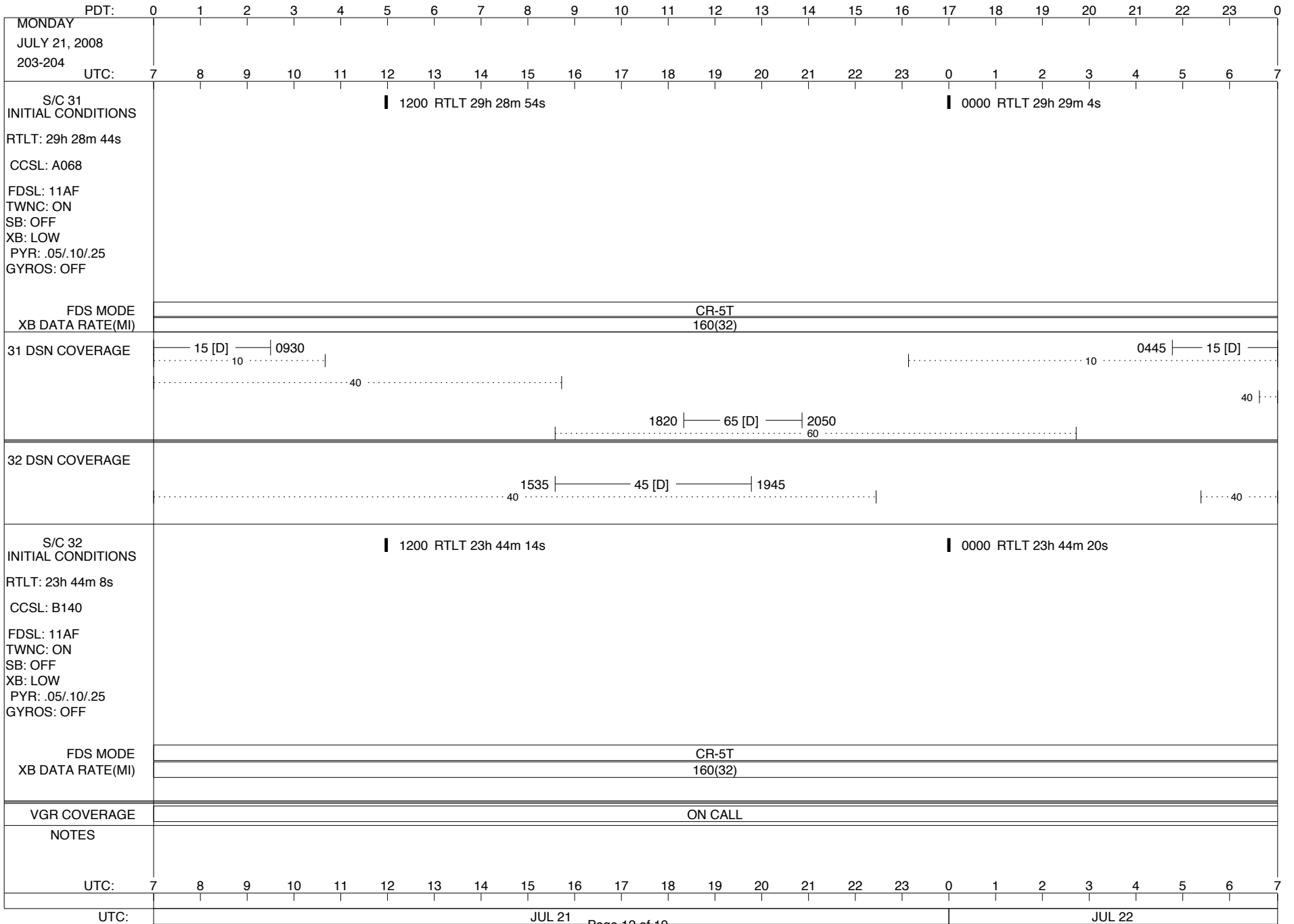
ISSUE DATE: 07/10/08 15:01



ISSUE DATE: 07/10/08 15:01



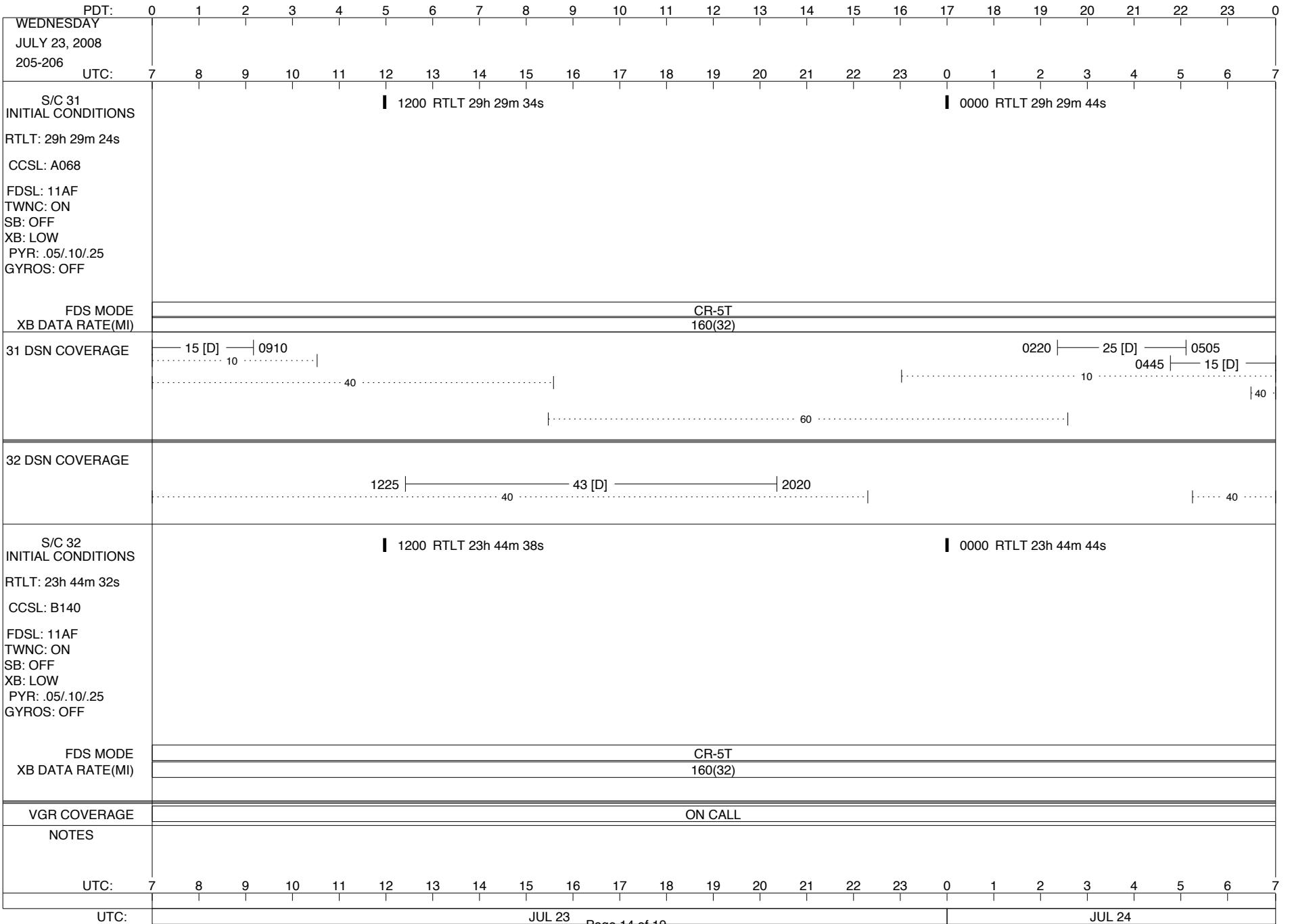
ISSUE DATE: 07/10/08 15:01



ISSUE DATE: 07/10/08 15:01

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			
TUESDAY JULY 22, 2008 204-205																												
S/C 31 INITIAL CONDITIONS RTLTL: 29h 29m 4s CCSL: A068 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 29h 29m 14s												0000 RTLT 29h 29m 24s															
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 RTLTL: 23h 44m 20s CCSL: B140 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 23h 44m 26s												0000 RTLT 23h 44m 32s															
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
VGR COVERAGE	ON CALL												VGR				ON CALL											
NOTES	[1] S/C 31=GS-4B @ 1151 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:	JUL 22														JUL 23													

ISSUE DATE: 07/10/08 15:01



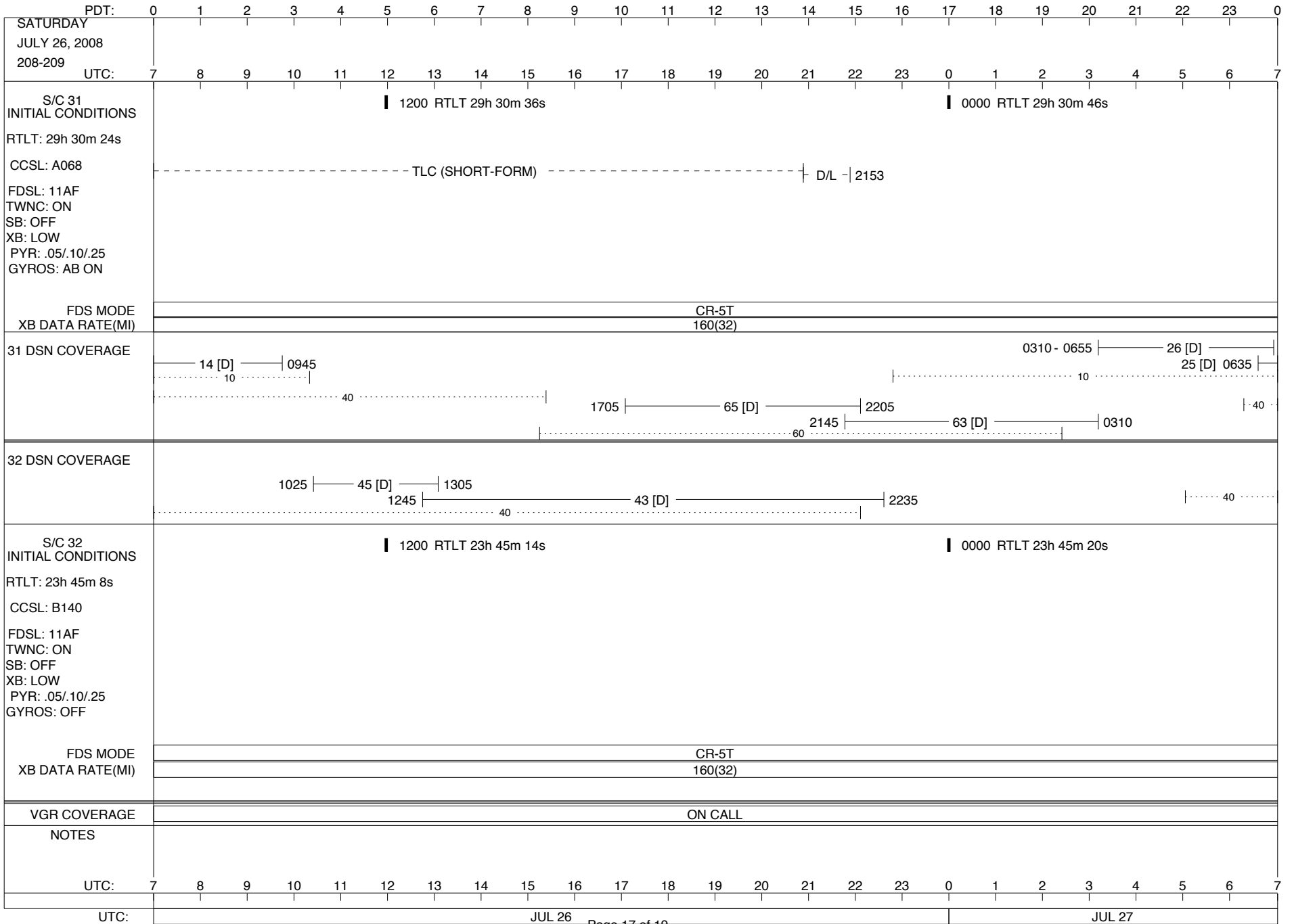
ISSUE DATE: 07/10/08 15:01

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		
THURSDAY JULY 24, 2008 206-207																											
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: 29h 29m 44s CCSL: A068 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 29h 29m 54s												0000 RTLT 29h 30m 4s														
FDS MODE	CR-5T																										
XB DATA RATE(MI)	160(32)																										
31 DSN COVERAGE	15 [D] 083040												0115 ----- 15 [D] ----- 0515 ----- 10 ----- 0455 ----- 25 [D] ----- ----- 60 ----- 40														
32 DSN COVERAGE	1025 ----- 45 [D] ----- 1930 ----- 40 ----- 2030 ----- 43 [D] ----- 2240 ----- 40 ----- 40																										
S/C 32 INITIAL CONDITIONS RTLTL: 23h 44m 44s CCSL: B140 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 23h 44m 50s												0000 RTLT 23h 44m 56s														
FDS MODE	CR-5T																										
XB DATA RATE(MI)	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:	JUL 24													JUL 25													

ISSUE DATE: 07/10/08 15:01

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 JULY 25, 2008 207-208																												
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: 29h 30m 4s CCSL: A068 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 29h 30m 14s ▼ 1355 DUMMY (19:20) 1449 1503 TAPPOS U/L 1455 - -												0000 RTLT 29h 30m 24s ----- TLC (SHORT-FORM) ----- 1751 1752 PWS/RH 1959 1959 TAPPOS ↓ 0058 GYROS AB ON ↓ 0058 GYRO INIT ↓ 0108 GYRO FAULT TEST 0158 0204 CCSTIMB ↓ 1751 GS-4B 1752															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)															
31 DSN COVERAGE	25 [D] 0800 10 40 1310 ----- 43 [T] ----- 1545 60 2120 ----- 65 [D] ----- 0005 2345 ----- 63 [D] ----- 0315												0255 - 0655 ----- 26 [D] ----- 14 [D] 0635 ----- 40															
32 DSN COVERAGE	1025 ----- 45 [D] ----- 1835 40 40															
S/C 32 INITIAL CONDITIONS RTLT: 23h 44m 56s CCSL: B140 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 23h 45m 2s												0000 RTLT 23h 45m 8s															
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 @ 1751 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:	JUL 25														JUL 26													

ISSUE DATE: 07/10/08 15:01



ISSUE DATE: 07/10/08 15:01

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
SUNDAY JULY 27, 2008 209-210																									
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: 29h 30m 46s CCSL: A068 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AB ON	1200 RTLTL 29h 30m 56s												0000 RTLTL 29h 31m 6s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0750 25 [D] 1030 45 [D] 1330												0045 15 [D] 1945 65 [D] 0105												
32 DSN COVERAGE	1455 43 [D] 2230												40												
S/C 32 INITIAL CONDITIONS RTLTL: 23h 45m 20s CCSL: B140 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 23h 45m 26s												0000 RTLTL 23h 45m 32s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												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:	JUL 27												JUL 28												

ISSUE DATE: 07/10/08 15:01

