

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: March 11, 2015

For the Period: 03/12/15 to 03/30/15 (15-071 – 15-089)

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

* KMassej@jgld.gdscc.nasa.gov
 * Belinda.Arroyo@jpl.nasa.gov
 *DL-DSSN-MPSETA@dsn.nasa.gov

SCIENCE

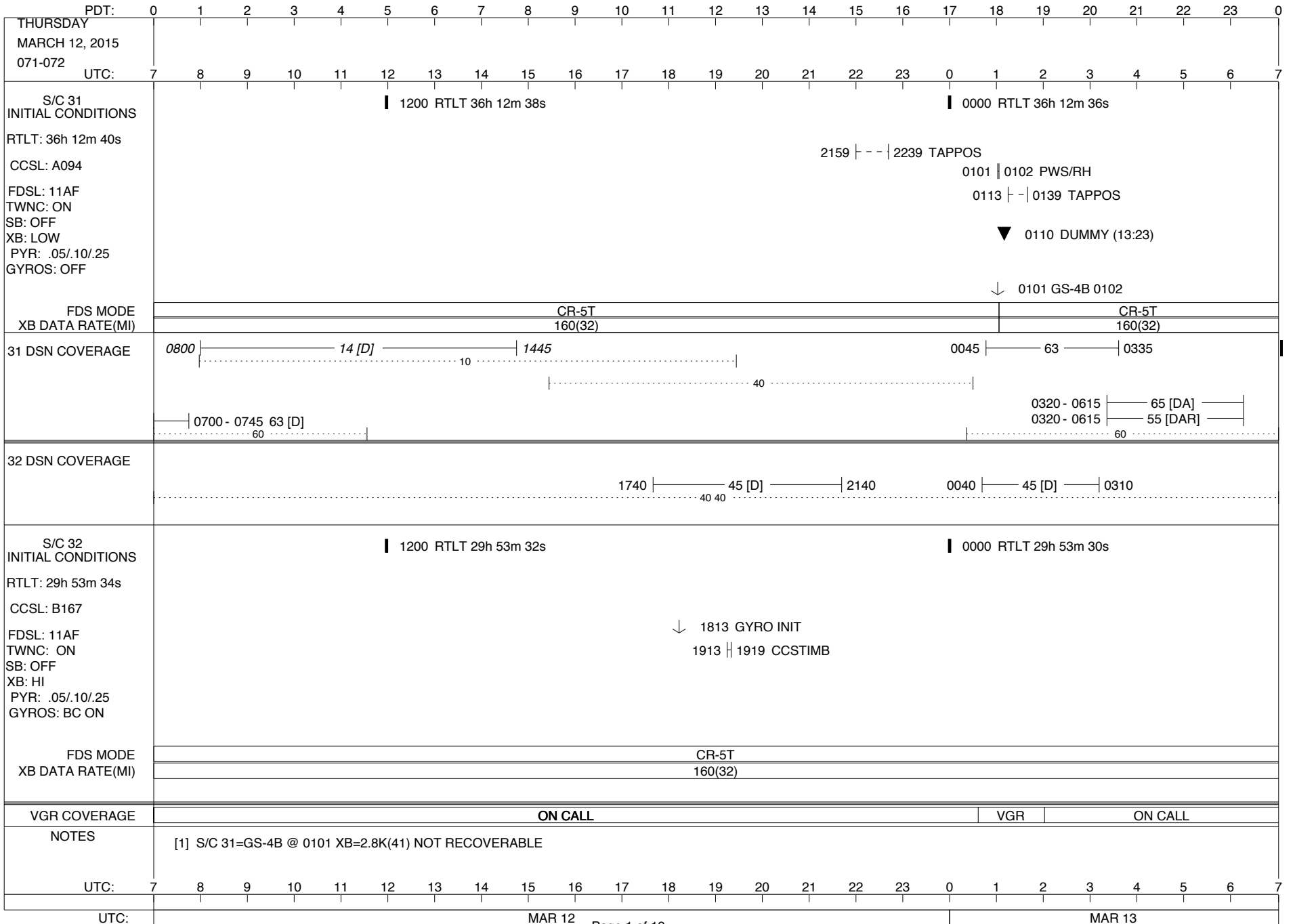
CRS *bryant@mail630.gsfc.nasa.gov
 LECP *r.decker@jhupl.edu
 UVS *holburg@argus.lpl.arizona.edu
 MAG *u2mha@lepvox.gsfc.nasa.gov
 PLS *vgr@space.mit.edu
 PWS *wsk@space.physics.uiowa.edu
 *Leonard.F.Burlaga@nasa.gov
 *Donald-Gurnett@uiowa.edu

FLIGHT TEAM (14) 600-100

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

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 = 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: 03/17/15 16:46

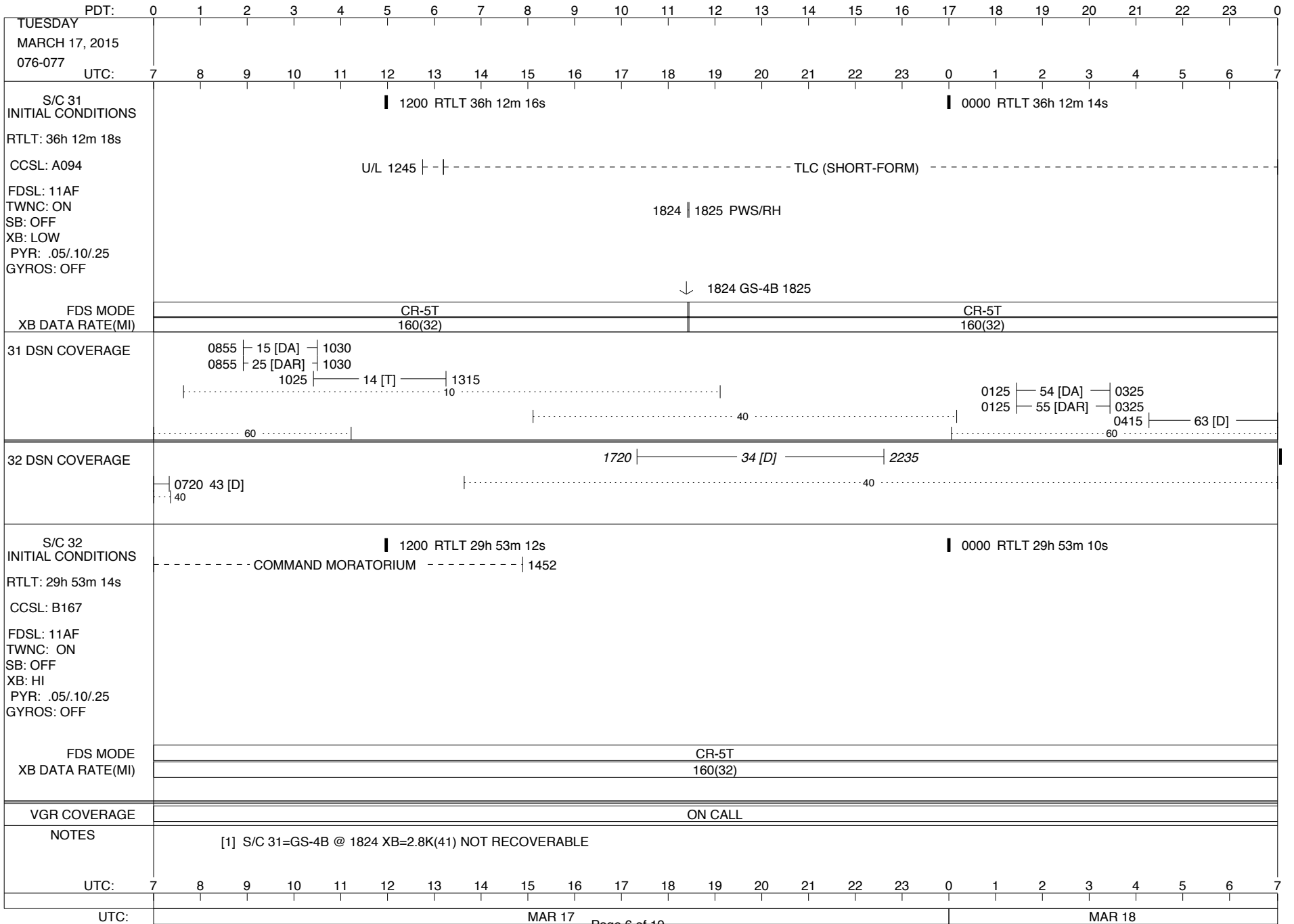
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	
FRIDAY MARCH 13, 2015 072-073	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLT: 36h 12m 36s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 12m 34s												0000 RTLT 36h 12m 32s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE 10 40													
 60												0230 - 0630 63 [D]													
32 DSN COVERAGE 40 40												1355 43 [D] 1755													
S/C 32 INITIAL CONDITIONS RTLT: 29h 53m 30s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLT 29h 53m 28s												0000 RTLT 29h 53m 26s													
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:	MAR 13													MAR 14												

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			
SATURDAY MARCH 14, 2015 073-074																												
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: 36h 12m 32s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 36h 12m 30s												0000 RTLTL 36h 12m 28s															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	0755 ----- 14 [D] ----- 1400 ----- 10 ----- ----- 40 -----												0015 ----- 63 [D] ----- 0415 ----- 60 -----															
32 DSN COVERAGE	40 ----- 1405 ----- 43 [H] ----- 1930 ----- 40 -----																											
S/C 32 INITIAL CONDITIONS RTLTL: 29h 53m 26s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLTL 29h 53m 24s												0000 RTLTL 29h 53m 22s															
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 @ 0401 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:	MAR 14														MAR 15													

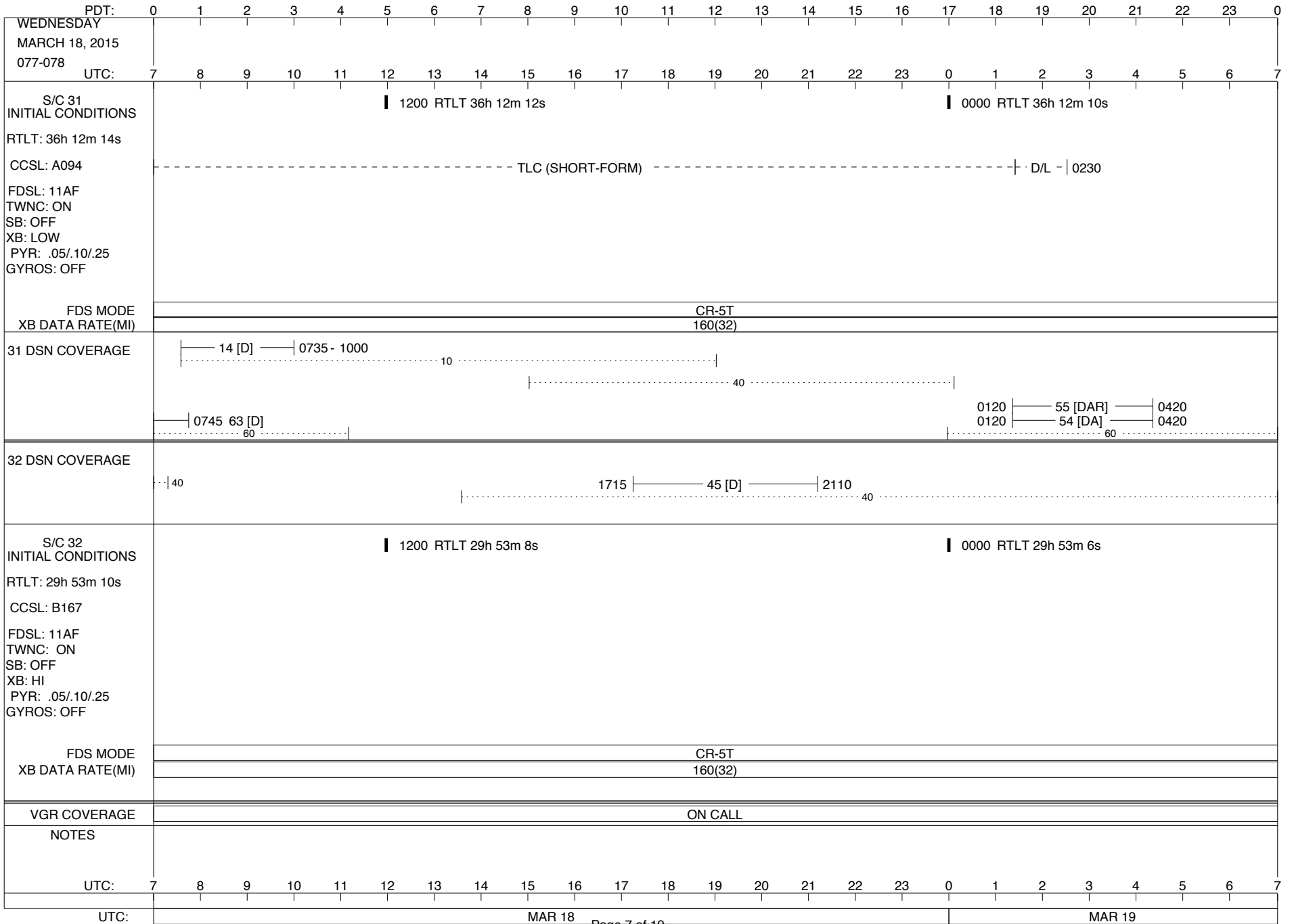
ISSUE DATE: 03/17/15 16:46

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 MARCH 15, 2015 074-075																									
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: 36h 12m 28s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 12m 26s												0000 RTLT 36h 12m 22s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	0800 ----- 14 [D] ----- 1405 ----- 10 ----- ----- 40 -----												0010 ----- 63 [D] ----- 0600 ----- 60 -----												
32 DSN COVERAGE	40 ----- 1725 ----- 35 [D] ----- 2310 ----- 40 -----																								
S/C 32 INITIAL CONDITIONS RTLT: 29h 53m 22s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 29h 53m 20s 1522 ----- COMMAND MORATORIUM -----												0000 RTLT 29h 53m 18s * ↓ 2110 MEMUPD - ECR 113695 * 2117 2127 4 SID MRO'S * 2217 2227 4 SID MRO'S - REDUNDANT												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL												VGR			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:	MAR 15												MAR 16												

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			
MONDAY MARCH 16, 2015 075-076																												
S/C 31 INITIAL CONDITIONS RTLTL: 36h 12m 22s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 36h 12m 20s												0000 RTLTL 36h 12m 18s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE	<p>0900 1015 24 [DA] 0900 1015 25 [DAR]</p> <p>10130 10130 65 [DA] 10130 54 [DAR] 100415 100415</p> <p>1725 1725 35 [DA] 1725 34 [DAR] 172155 172155</p> <p>0550 0550 43 [D]</p>																											
32 DSN COVERAGE	<p>1725 1725 35 [DA] 1725 34 [DAR] 172155 172155</p> <p>0550 0550 43 [D]</p>																											
S/C 32 INITIAL CONDITIONS RTLTL: 29h 53m 18s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 29h 53m 16s												0000 RTLTL 29h 53m 14s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												EL-40 40(30)				CR-5T 160(32)											
VGR COVERAGE	ON CALL												VGR				ON CALL											
NOTES	[1] S/C 32=EL-40 @ 1913 XB=40(30)																											
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:	MAR 16														MAR 17													



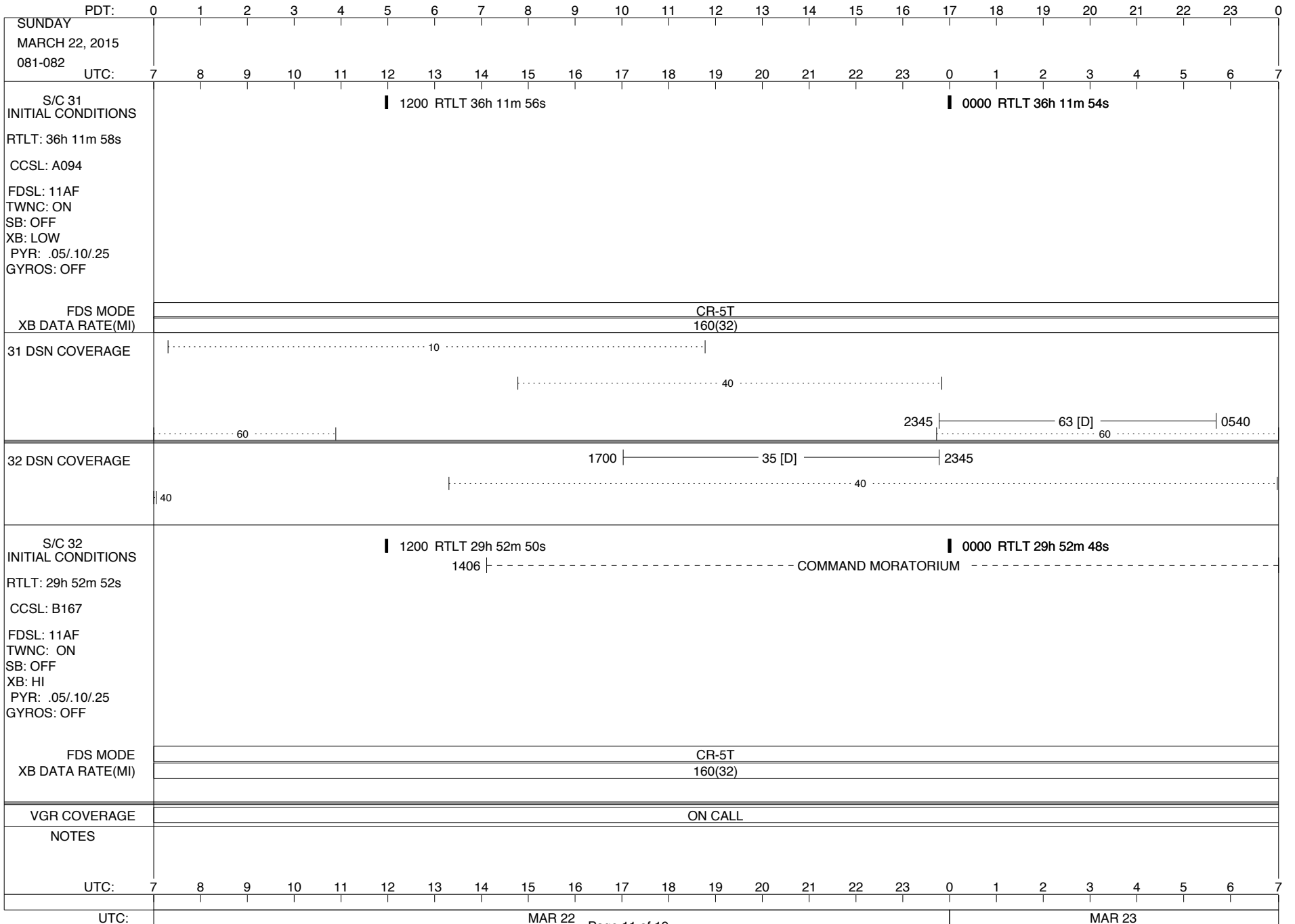
ISSUE DATE: 03/17/15 16:46



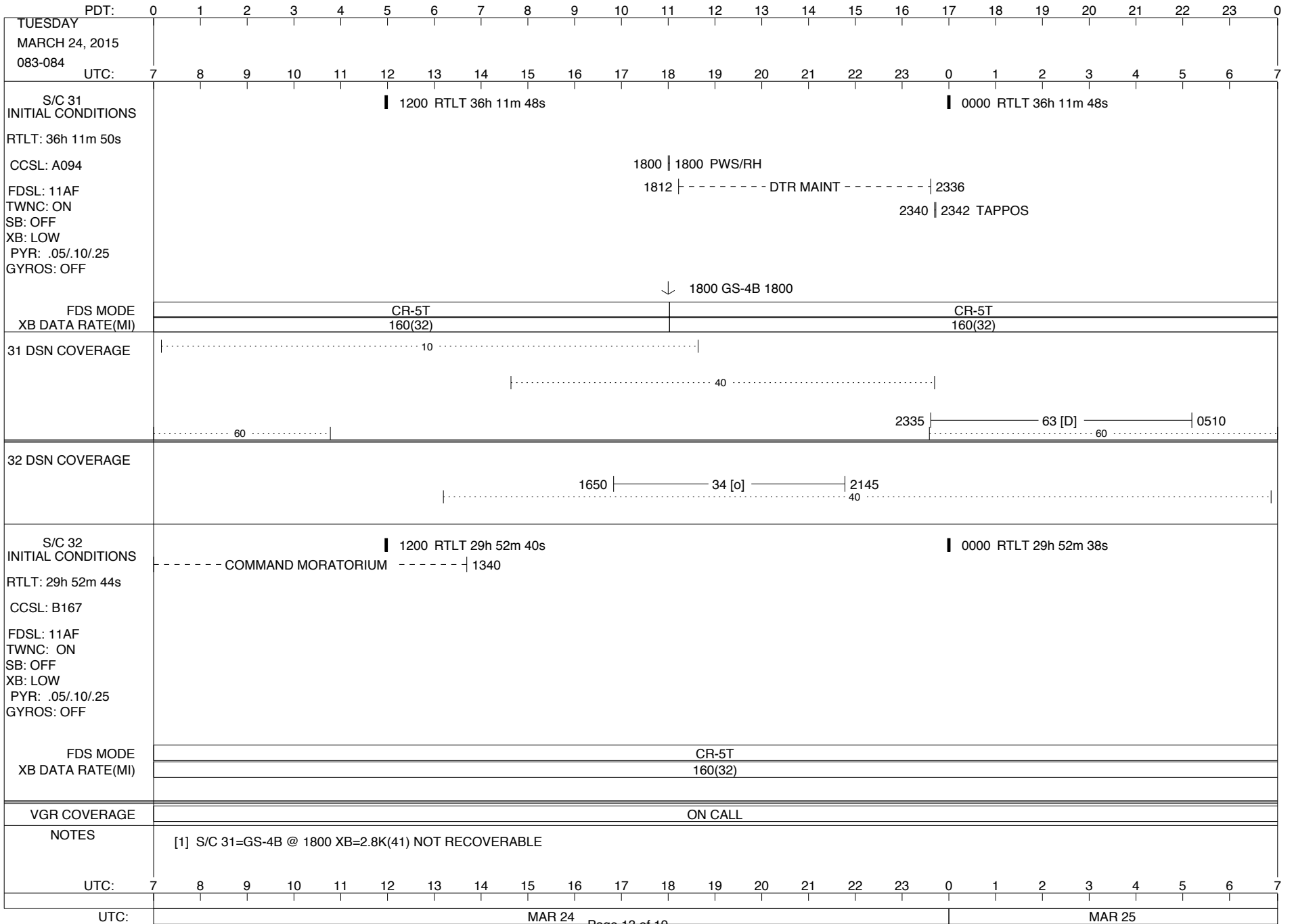
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	
THURSDAY MARCH 19, 2015 078-079																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLTL: 36h 12m 10s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 36h 12m 8s												0000 RTLTL 36h 12m 6s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	0835 ----- 14 [D] ----- 1335 ----- 10 ----- ----- 40 -----												2355 ----- 63 [D] ----- 0550 ----- 60 -----													
32 DSN COVERAGE	40												1800 ----- 35 [D] ----- 0310 ----- 40 -----													
S/C 32 INITIAL CONDITIONS RTLTL: 29h 53m 6s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 29h 53m 4s												0000 RTLTL 29h 53m 2s													
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 @ 0037 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:	MAR 19												MAR 20													

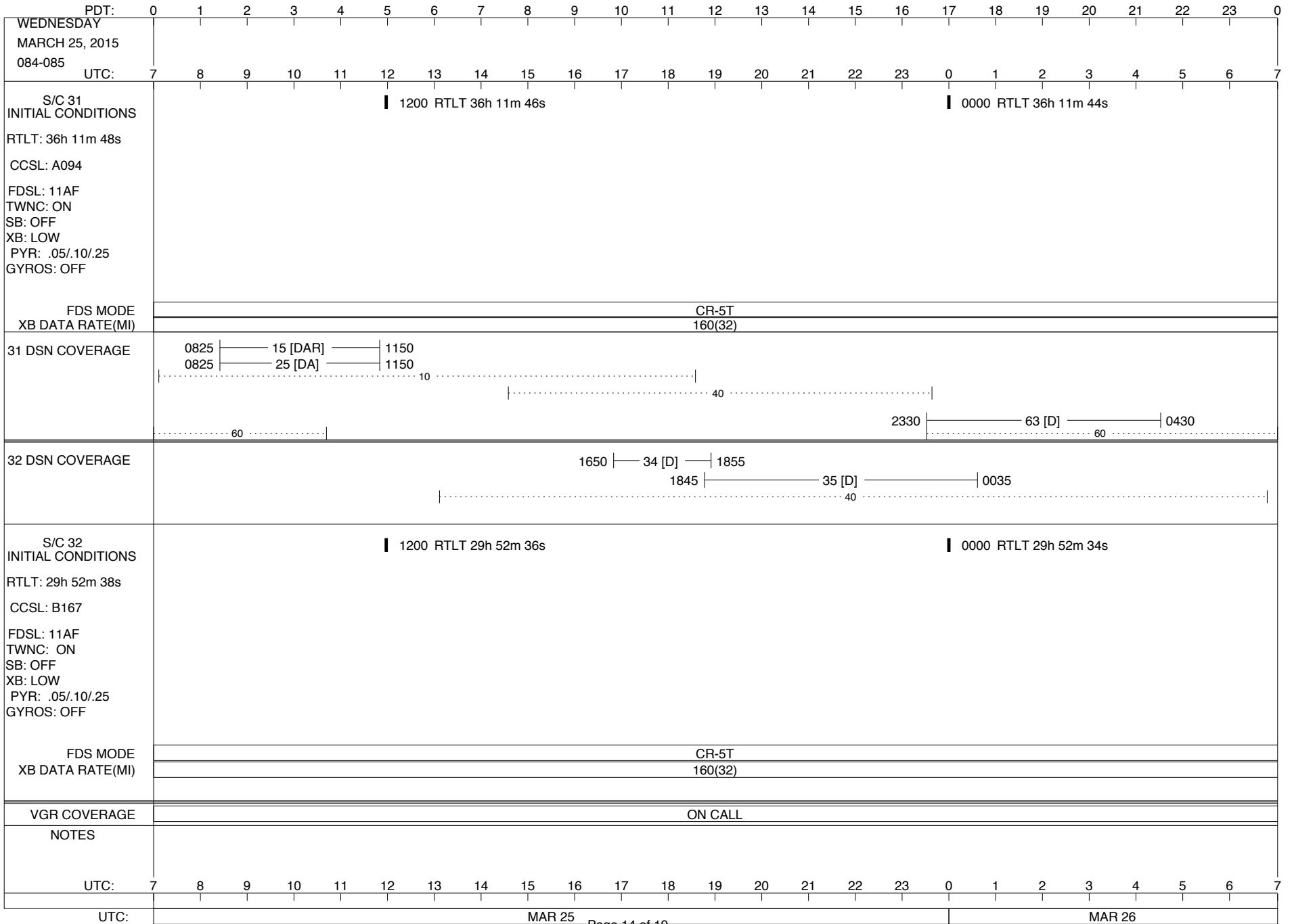
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	
FRIDAY MARCH 20, 2015 079-080																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLT: 36h 12m 6s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 12m 4s												0000 RTLT 36h 12m 2s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	----- 14 [D] ----- 0730 - 1040												----- 63 [D] ----- 0225													
32 DSN COVERAGE	----- 35 [D] ----- 1710 - 2020												----- 60 -----													
S/C 32 INITIAL CONDITIONS RTLT: 29h 53m 2s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF	1200 RTLT 29h 53m 0s												0000 RTLT 29h 52m 56s													
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:	MAR 20														MAR 21											

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
SATURDAY MARCH 21, 2015 080-081	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: 36h 12m 2s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 12m 0s												0000 RTLT 36h 11m 58s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	14 [D] 0725 - 1305 1245 1400 15 [DAR] 1245 1400 25 [DA] 10 40 2345 63 [D] 0600 60																								
32 DSN COVERAGE	40 1705 34 [o] 2355 40																								
S/C 32 INITIAL CONDITIONS RTLTL: 29h 52m 56s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF	1200 RTLT 29h 52m 54s												0000 RTLT 29h 52m 52s												
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 @ 0336 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:	MAR 21												MAR 22												



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 MARCH 23, 2015 082-083																									
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: 36h 11m 54s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 11m 52s												0000 RTLT 36h 11m 50s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	14 [D] 0715 - 1340												2340 63 [D] 0215 0205 55 [DAR] 0555 0205 65 [DA] 0555												
32 DSN COVERAGE	1655 35 [D] 2055																								
S/C 32 INITIAL CONDITIONS RTLT: 29h 52m 48s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF	1200 RTLT 29h 52m 46s												0000 RTLT 29h 52m 44s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL												VGR						ON CALL						
NOTES	----- COMMAND MORATORIUM ----- ↓ 1753 MEMUPD RE-ENA BL MAGROLS - ECR 110285 ↓ 1756 SID MRO ↓ 1856 SID MRO - REDUNDANT ↓ 1928 X/B LOW POWER ↓ 1932 BAY 1 HTR ON																								
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:	MAR 23												MAR 24												

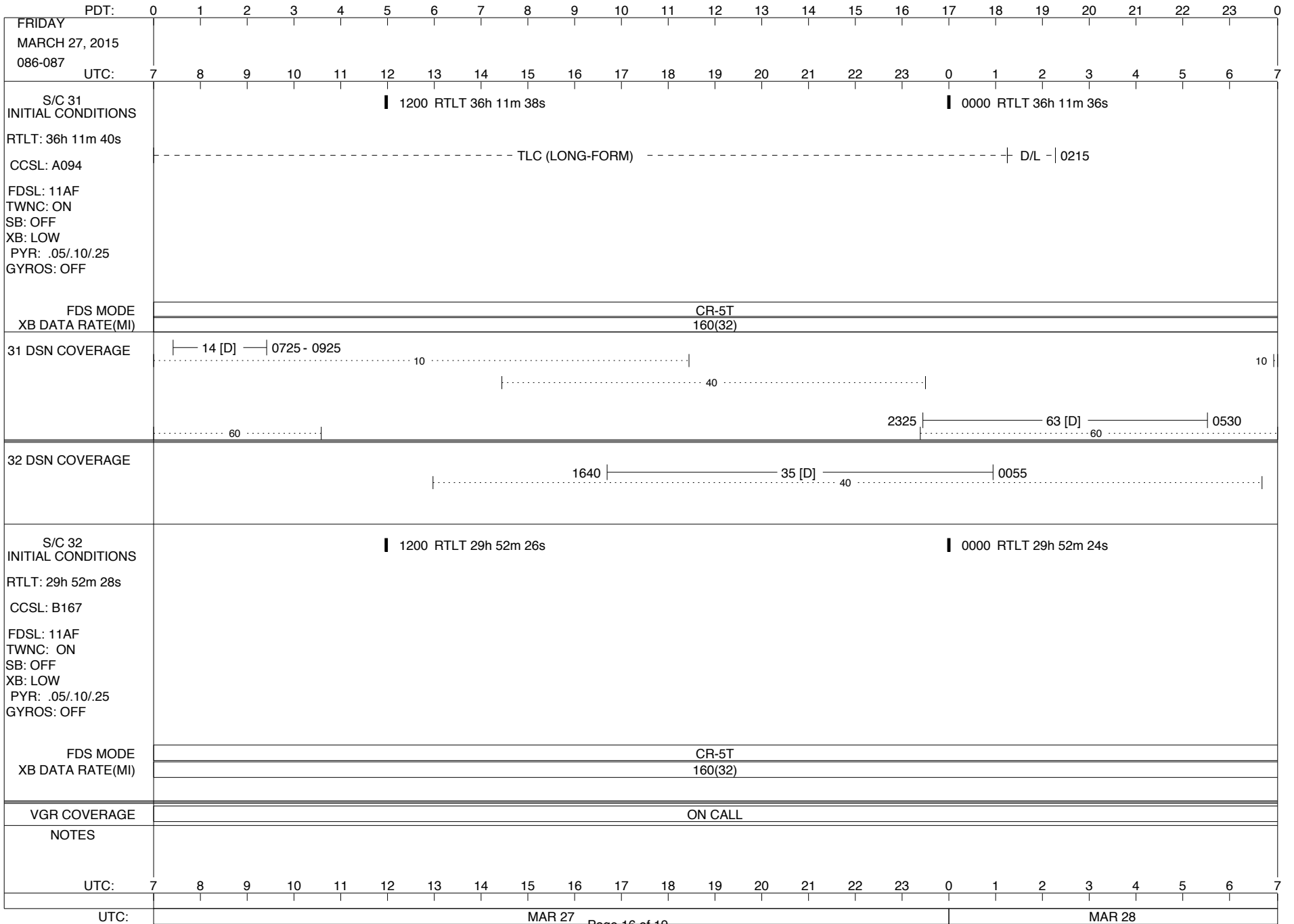




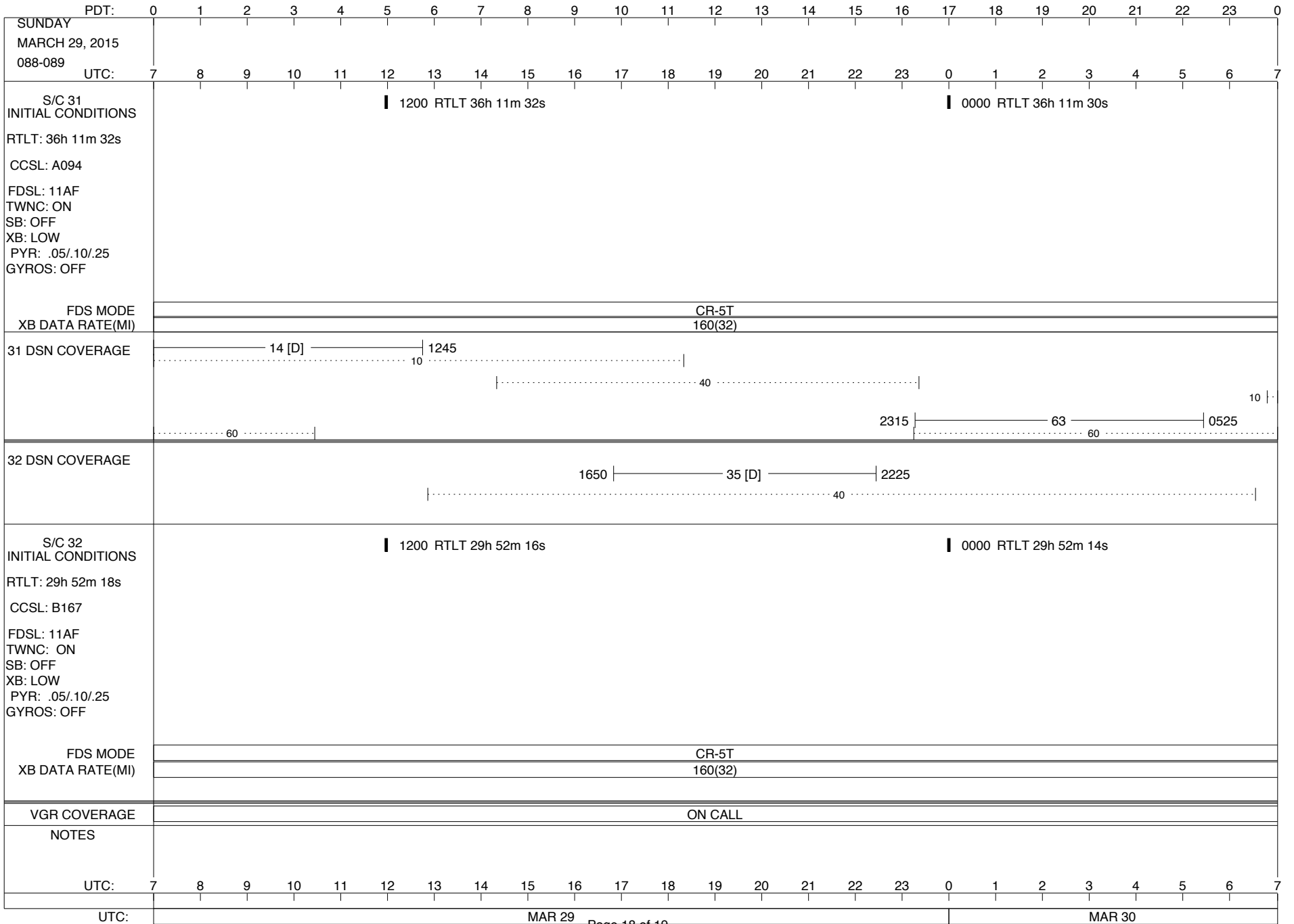
ISSUE DATE: 03/17/15 16:46

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 MARCH 26, 2015 085-086																									
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: 36h 11m 44s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 11m 42s												0000 RTLT 36h 11m 40s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0830 15 [DAR] 1125 0830 25 [DA] 1125 1120 14 [T] 1545												2325 63 [D] 0535												
32 DSN COVERAGE	1645 35 [D] 2240																								
S/C 32 INITIAL CONDITIONS RTLTL: 29h 52m 34s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 29h 52m 32s												0000 RTLT 29h 52m 28s												
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 @ 0012 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:	MAR 26												MAR 27												

ISSUE DATE: 03/17/15 16:46



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
SATURDAY MARCH 28, 2015 087-088	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: 36h 11m 36s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 11m 34s												0000 RTLT 36h 11m 32s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0820 ----- 14 [D] ----- 1330												14 [D] 0650 ----- 10												
	----- 60 -----												----- 40 -----												
	----- 60 -----												0125 ----- 55 [DAR] ----- 0535 0125 ----- 54 [DA] ----- 0535												
32 DSN COVERAGE	----- 1635 ----- 34 [D] ----- 0115												----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLT: 29h 52m 24s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 29h 52m 22s												0000 RTLT 29h 52m 18s												
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 @ 0312 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:	MAR 28												MAR 29												



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 MARCH 30, 2015 089-090																											
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: 36h 11m 30s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 36h 11m 28s</p>																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<p>0805 24 [DA] 1005 0805 25 [DAR] 1005 0945 14 [D] 1330</p> <p>..... 10 40 60 </p>																										
32 DSN COVERAGE																											
S/C 32 INITIAL CONDITIONS RTLT: 29h 52m 14s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 29h 52m 12s</p>																										
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:	MAR 30													MAR 31													