

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: March 1, 2017

For the Period: 03/02/17 to 03/20/17 (17-061 – 17-079)

DSN OPSCHIEF	230-102	SCIENCE	FLIGHT TEAM	600-100
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DSOT	230-102	CRS bryant@mail630.gsfc.nasa.gov LECP r.decker@jhuapl.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	Dodd, S. Hall, J. Howard, S. Ko, A. Ledeboer, W. Ludwig, R. Matsumoto, S. Medina, E. Peralta, F. Weeks, T. Yang, L.	
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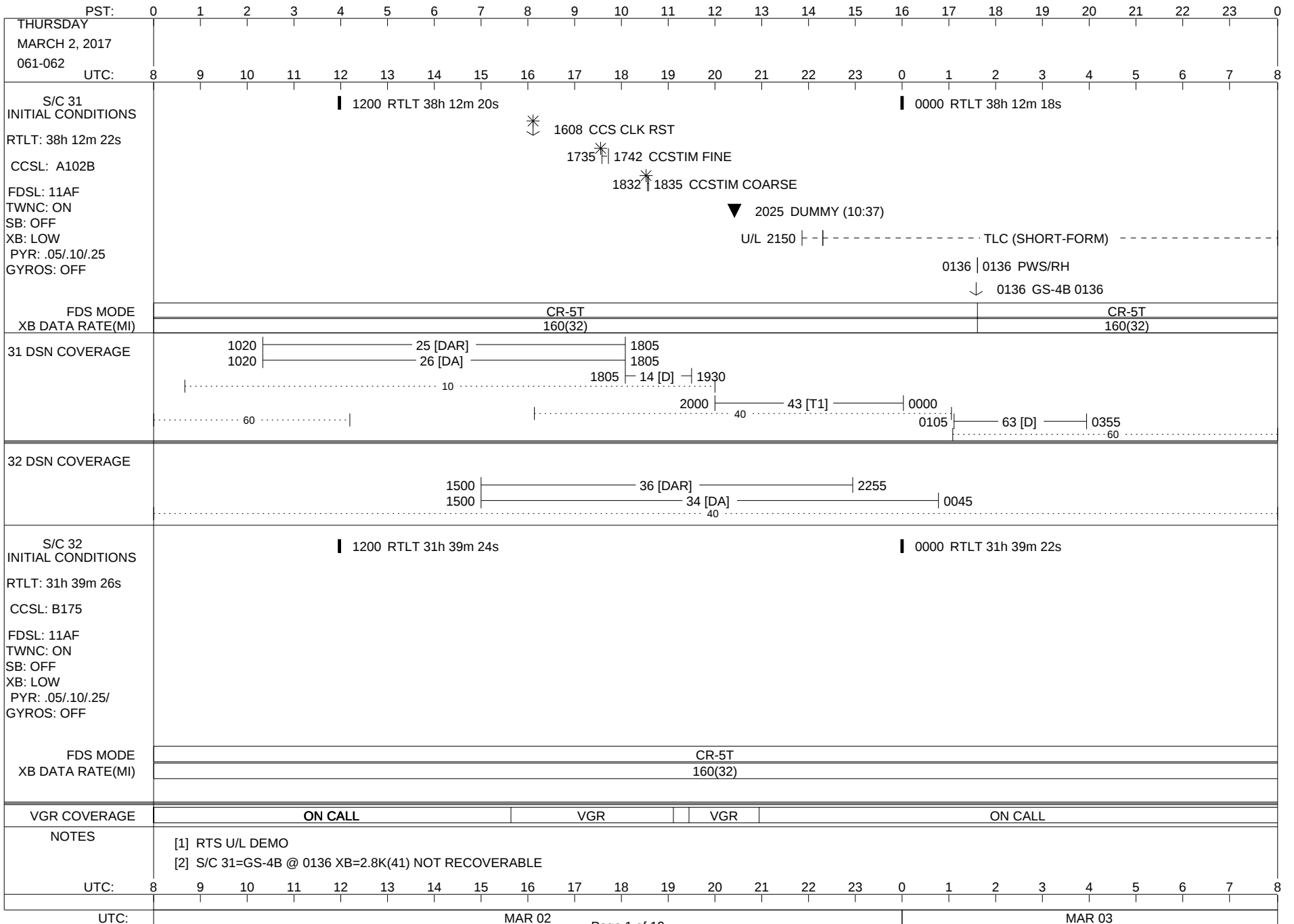
LEGEND:

- ▽ = 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

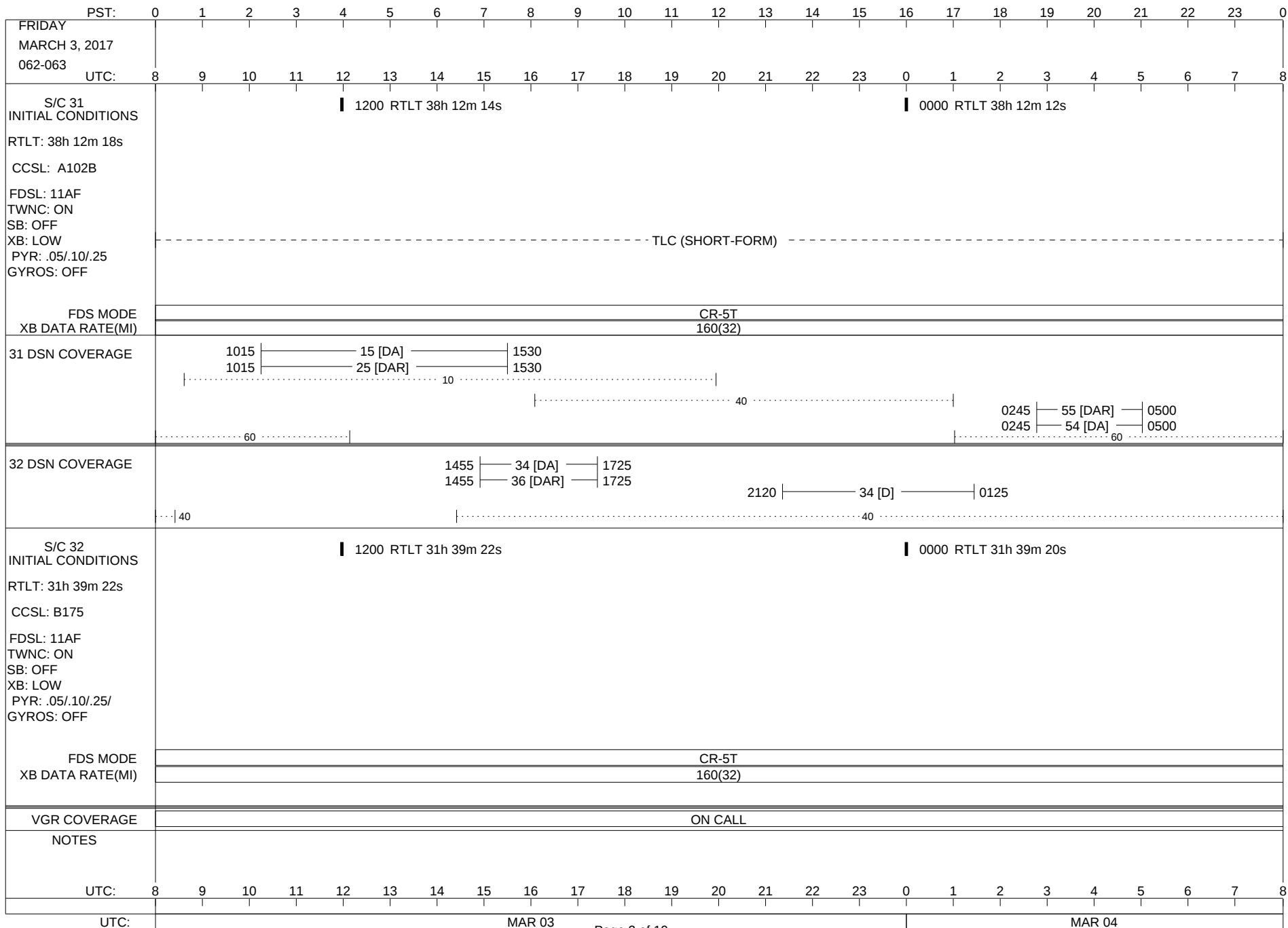
Posted at http://voyager.jpl.nasa.gov/mission/soesfos/tracking_schedule.html

02/27/17

ISSUE DATE: 03/07/17 12:20

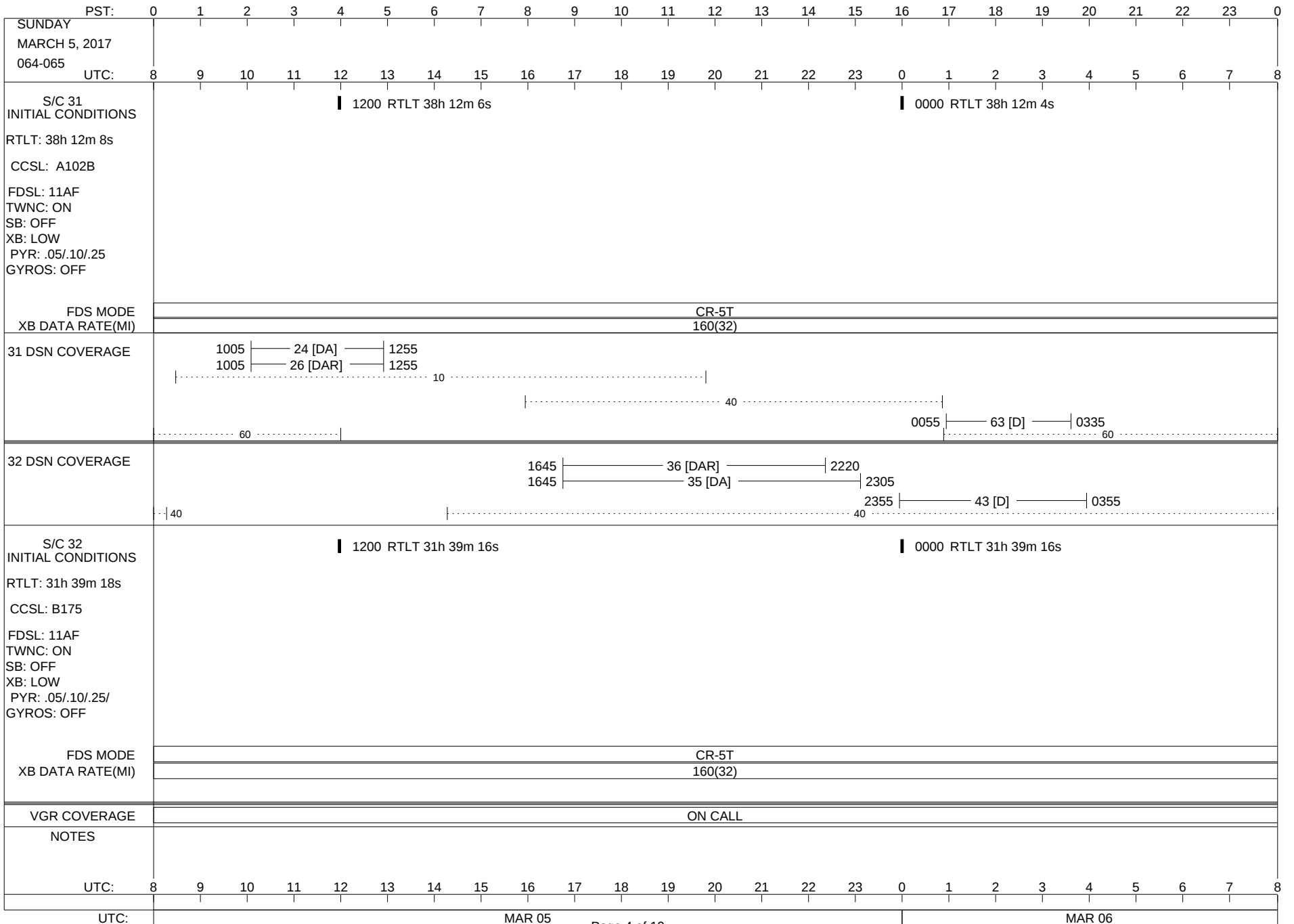


ISSUE DATE: 03/07/17 12:20



PST:		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 4, 2017																									
063-064																									
UTC:		8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8																							
S/C 31 INITIAL CONDITIONS		1200 RTLT 38h 12m 10s 0000 RTLT 38h 12m 8s																							
RTLT: 38h 12m 12s																									
CCSL: A102B																									
FDSL: 11AF																									
FWNC: ON		0436 0437 PWS/RH																							
SB: OFF																									
KB: LOW		TLC (SHORT-FORM) D/L - 1330																							
PYR: .05/.10/.25																									
GYROS: OFF																									
FDS MODE		CR-5T																							
XB DATA RATE(MI)		160(32)																							
31 DSN COVERAGE		1010 25 [DAR] 1545 1010 26 [DA] 1545 10 40 0100 - 0715 63 [D] 60																							
32 DSN COVERAGE		1450 35 [DAR] 2305 1450 34 [Ao] 2335 0030 43 [D] 0520 40																							
S/C 32 INITIAL CONDITIONS		1200 RTLT 31h 39m 20s 0000 RTLT 31h 39m 18s																							
RTLT: 31h 39m 20s																									
CCSL: B175																									
FDSL: 11AF																									
FWNC: ON																									
SB: OFF																									
KB: LOW																									
PYR: .05/.10/.25/																									
GYROS: OFF																									
FDS MODE		CR-5T																							
XB DATA RATE(MI)		160(32)																							
VGR COVERAGE		ON CALL																							
NOTES		[1] S/C 31=GS-4B @ 0436 XB=2.8K(41) NOT RECOVERABLE																							
UTC:		8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8																							
UTC:		MAR 04												MAR 05											

ISSUE DATE: 03/07/17 12:20



MONDAY
MARCH 6, 2017
065-066

PST: 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: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

S/C 31
INITIAL CONDITIONS
RTLT: 38h 12m 4s
CCSL: A102B
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE

1005 25 [DAR] 1405
1005 26 [DA] 1405

60 40 0235 - 0745 65 [DAR]
0235 - 0745 55 [DA]

32 DSN COVERAGE

1415 43 [B] 2110
2105 36 [D] 0040

40 40

S/C 32
INITIAL CONDITIONS
RTLT: 31h 39m 16s
CCSL: B175
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25/
GYROS: OFF

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

VGR COVERAGE

ON CALL VGR ON CALL

NOTES

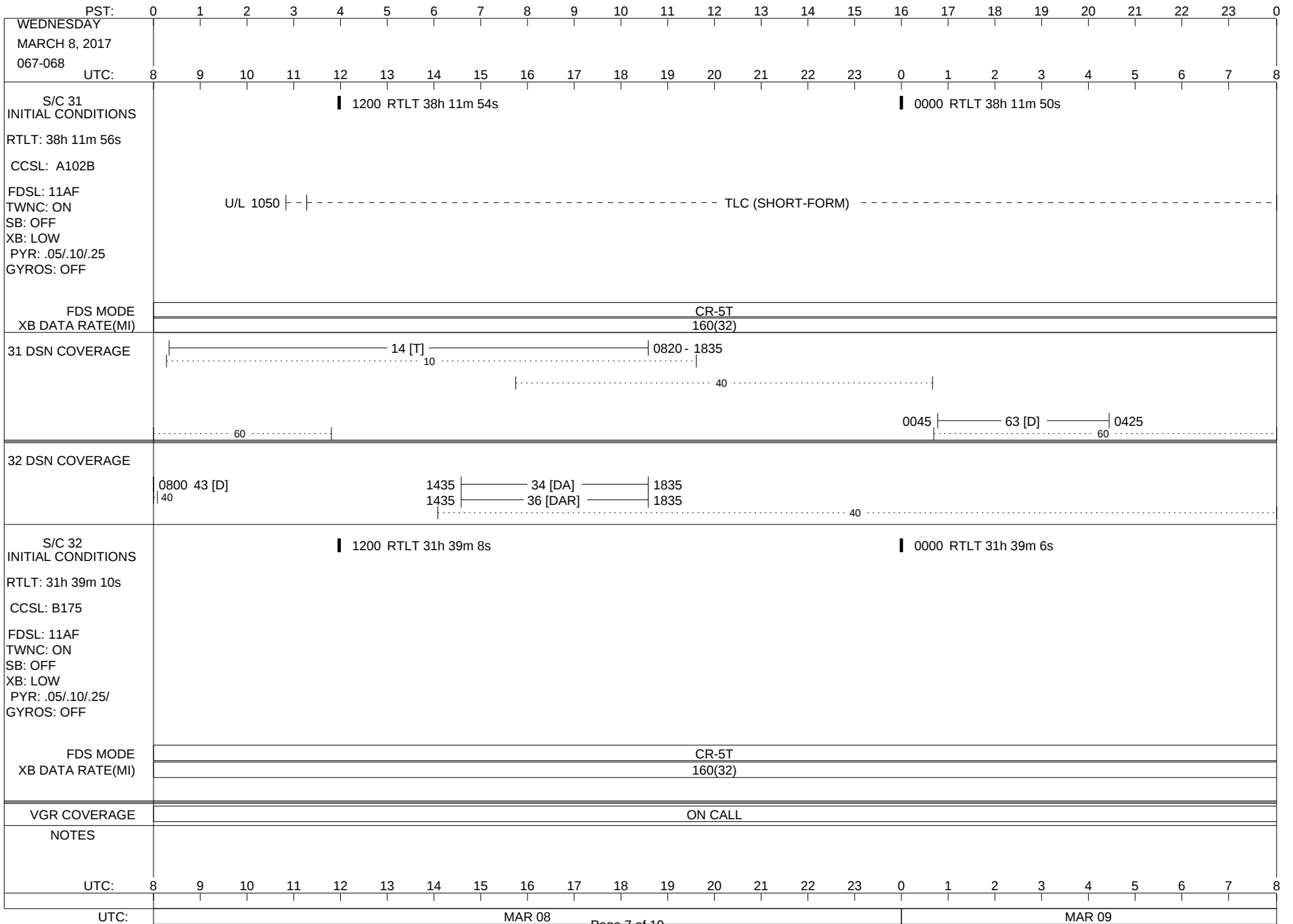
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UTC: MAR 06 MAR 07

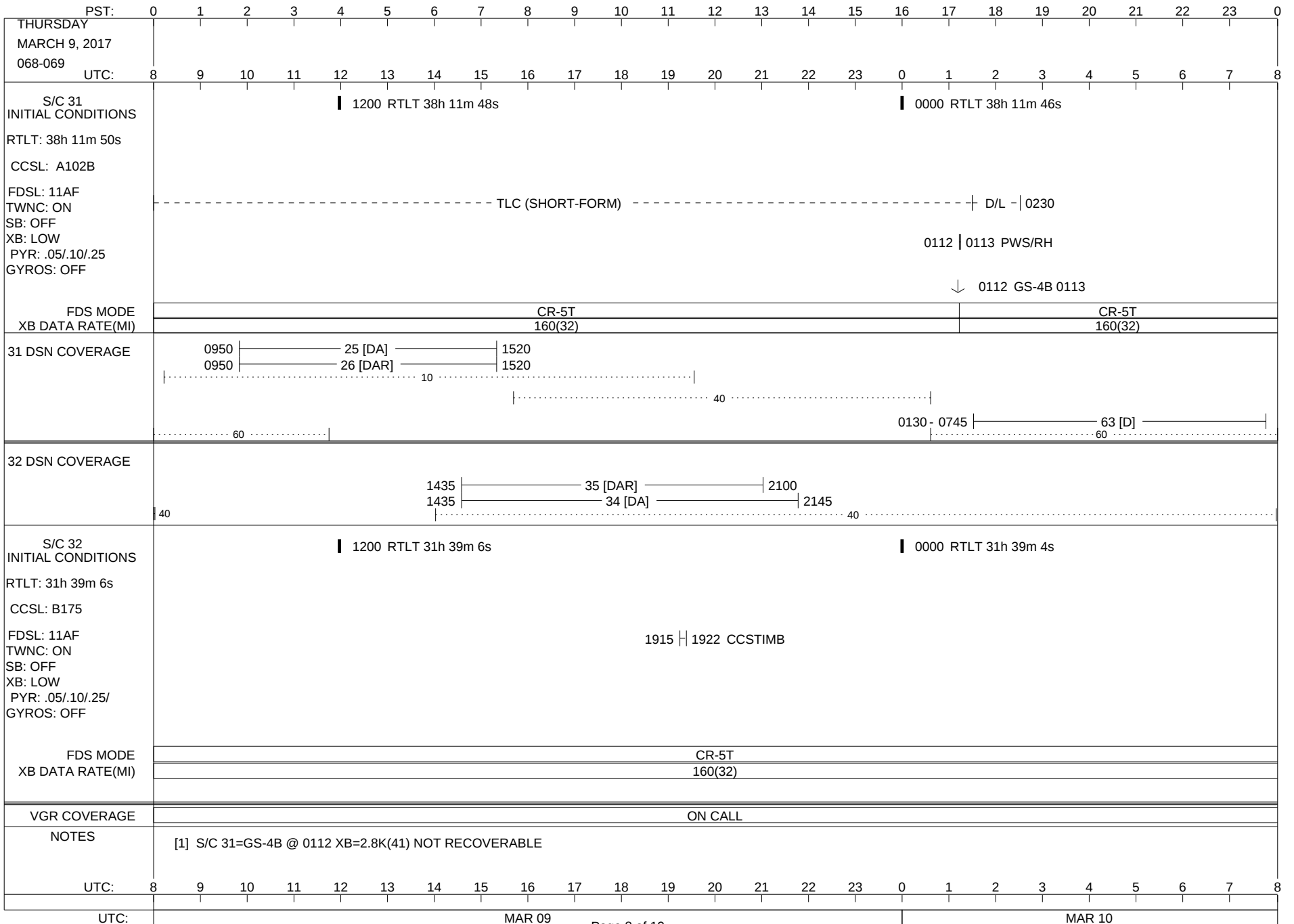
2002 DUMMY (5 MIN BRACKETED 03:42)

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TUESDAY MARCH 7, 2017 066-067																									
UTC:		8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8																							
S/C 31 INITIAL CONDITIONS RTLT: 38h 12m 0s CCSL: A102B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 38h 11m 58s 0000 RTLT 38h 11m 56s 1900 1900 PWS/RH ↓ 1900 GS-4B 1900																							
FDS MODE		CR-5T												CR-5T											
XB DATA RATE(MI)		160(32)												160(32)											
31 DSN COVERAGE		1000 25 [DA] 1145 1000 26 [DAR] 1145 10 10 40 60 0545 - 0720 65 [DA] 0545 - 0720 55 [DAR] 60																							
32 DSN COVERAGE		 40 40 0245 - 0800 43 [D]																							
S/C 32 INITIAL CONDITIONS RTLT: 31h 39m 12s CCSL: B175 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF		1200 RTLT 31h 39m 12s 0000 RTLT 31h 39m 10s 2100 PLSCAL - 2242 2100 --- MAGCAL --- 0002 2100 --- PESCAL --- 0020																							
FDS MODE		CR-5T																							
XB DATA RATE(MI)		160(32)																							
VGR COVERAGE		ON CALL																							
NOTES		[1] S/C 31=GS-4B @ 1900 XB=2.8K(41) NOT RECOVERABLE																							
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UTC:		MAR 07												MAR 08											

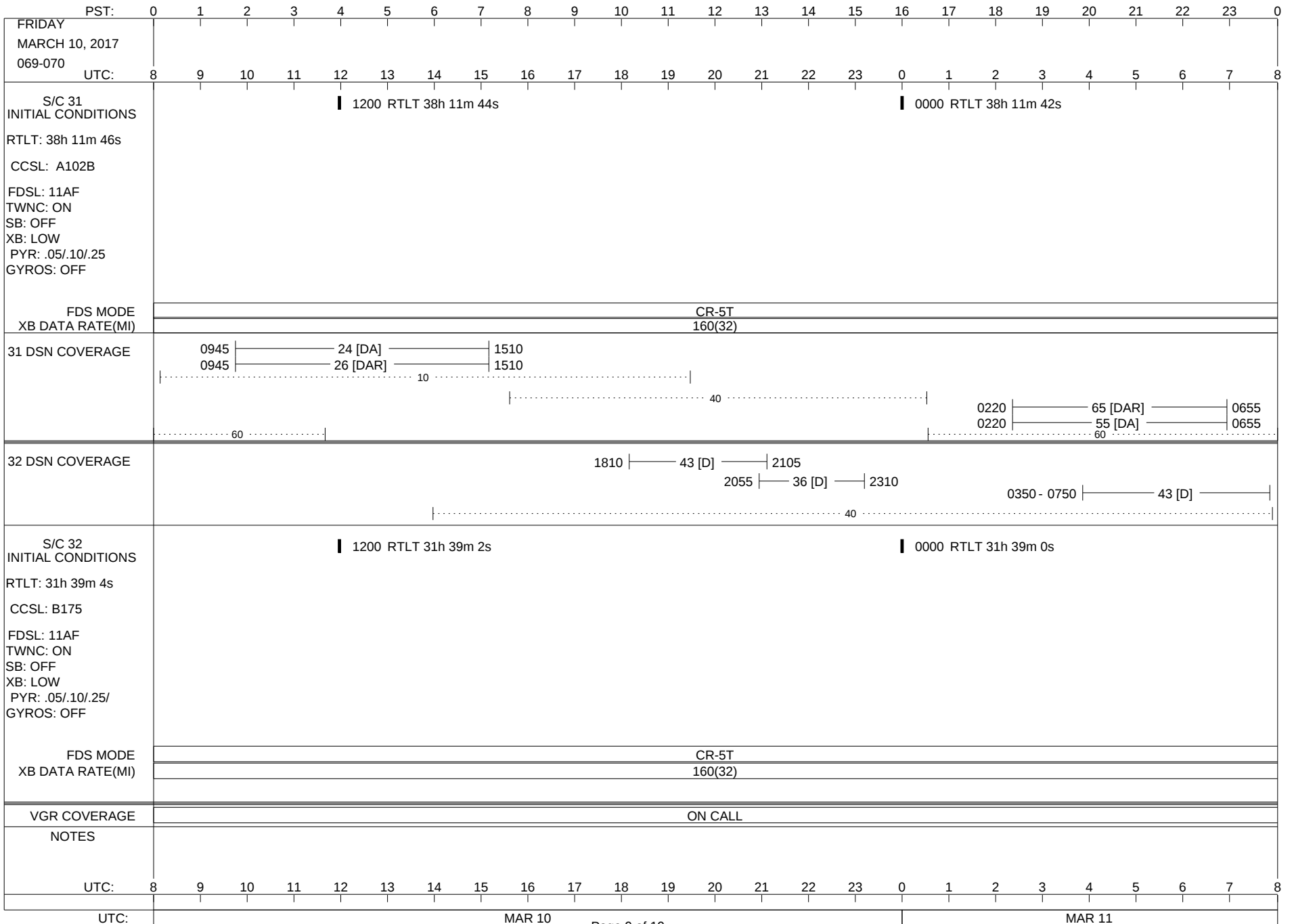
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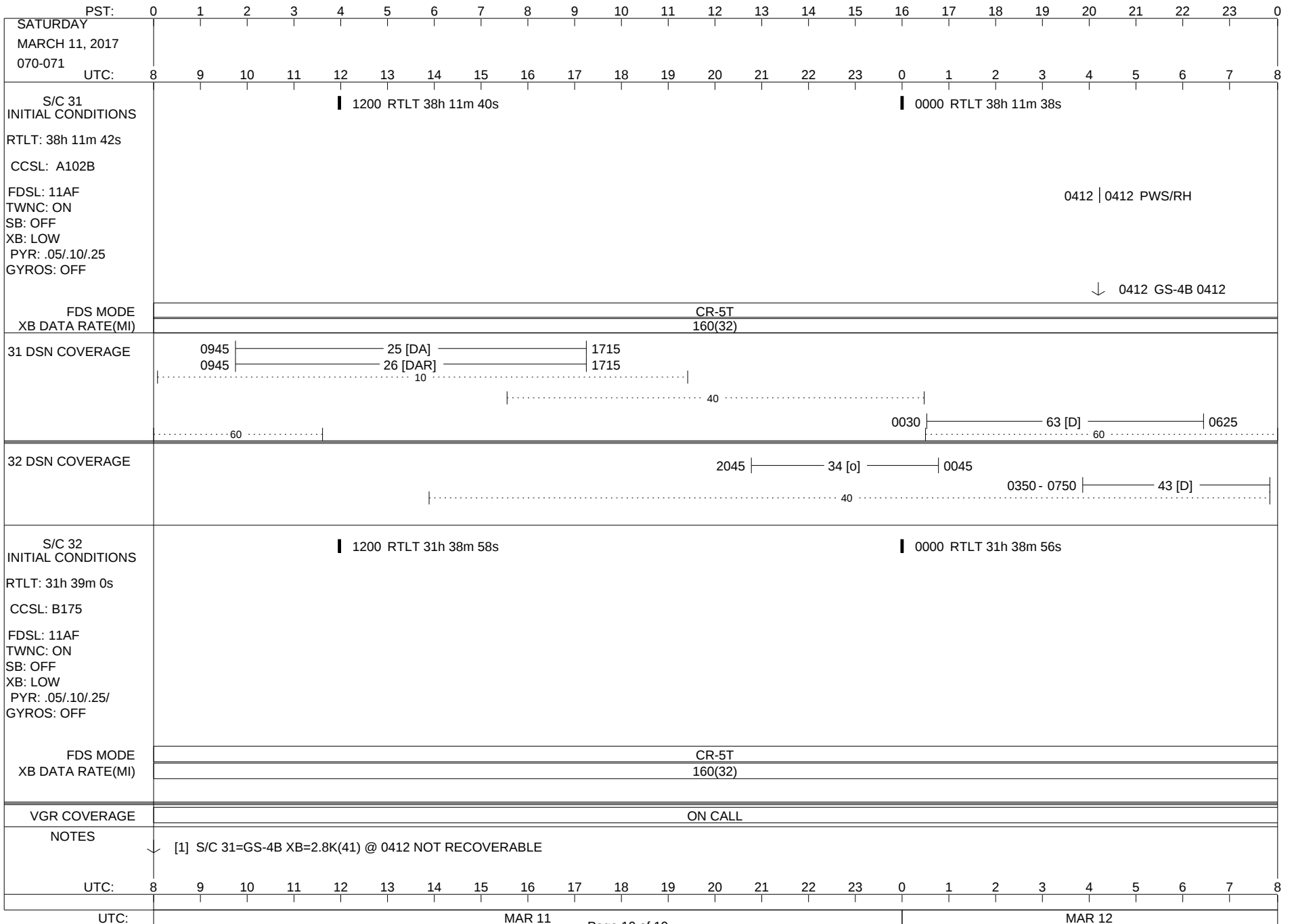
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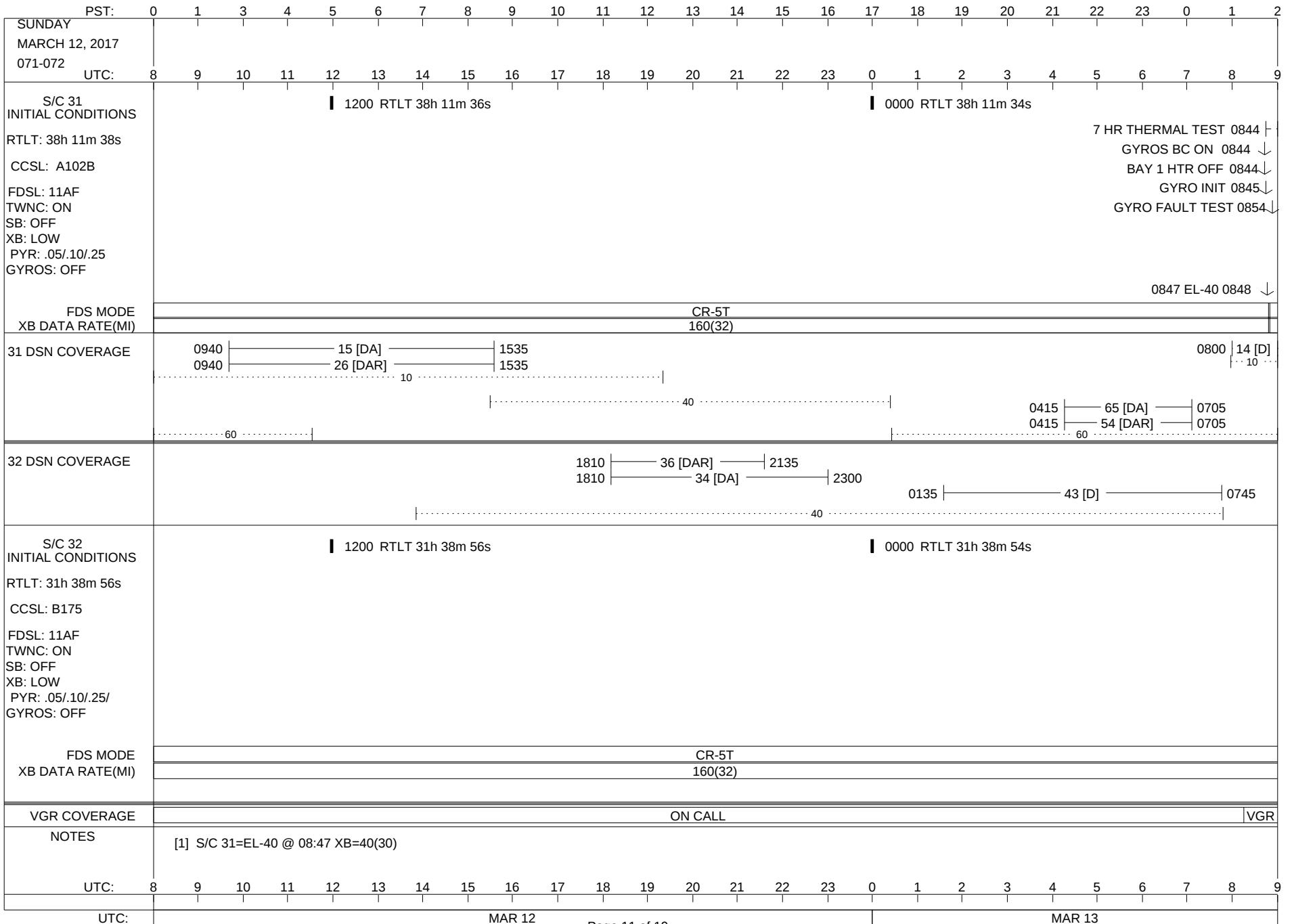
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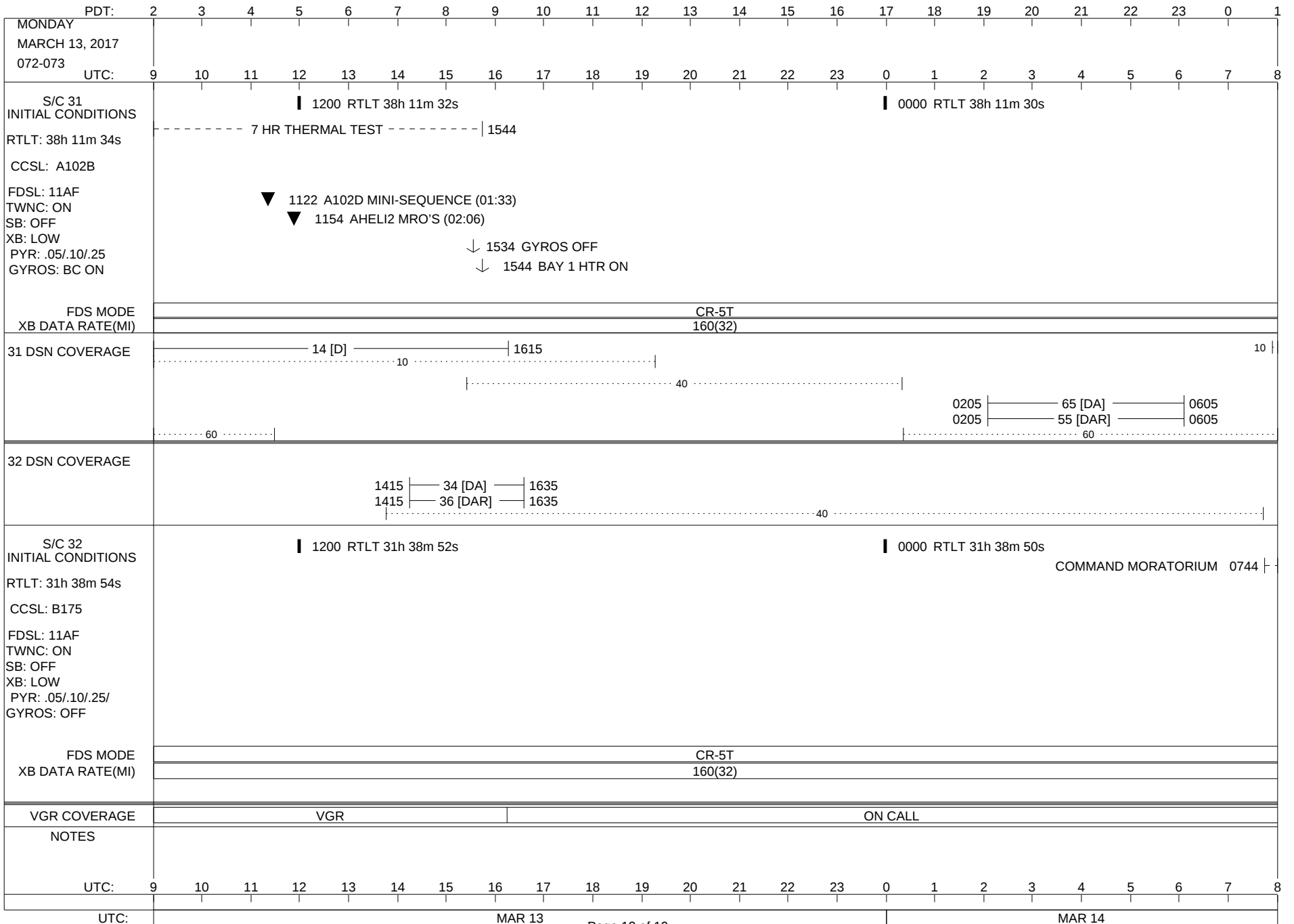
ISSUE DATE: 03/07/17 12:20



ISSUE DATE: 03/07/17 12:20



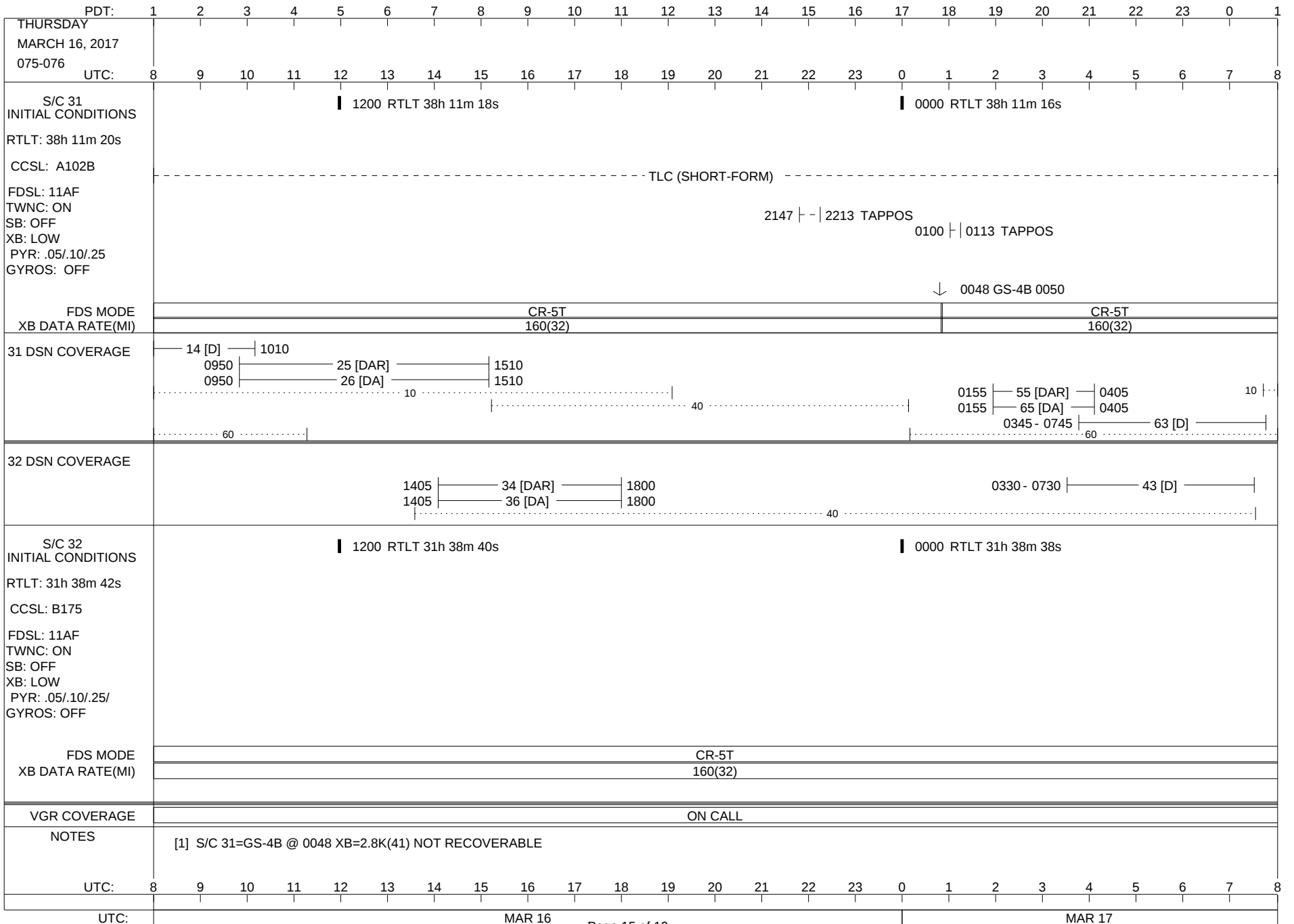
ISSUE DATE: 03/07/17 12:20



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TUESDAY																																																		
MARCH 14, 2017																																																		
073-074																																																		
UTC:		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	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	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 38h 11m 30s CCSL: A102B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 38h 11m 28s 0000 RTLT 38h 11m 24s 0146 0159 A102D CHKSUM 0208 0210 2 AHELI2 SID MRO'S 1835 GS-4B 1836																																																
FDS MODE		CR-5T																																																
XB DATA RATE(MI)		160(32)																																																
31 DSN COVERAGE		10 40 0020 63 [D] 0710 60																																																
32 DSN COVERAGE		1415 34 [DA] 2045 1415 35 [DAR] 2350 40																																																
S/C 32 INITIAL CONDITIONS RTLT: 31h 38m 50s CCSL: B175 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF		1200 RTLT 31h 38m 48s 0000 RTLT 31h 38m 46s COMMAND MORATORIUM																																																
FDS MODE		CR-5T																																																
XB DATA RATE(MI)		160(32)																																																
VGR COVERAGE		ON CALL																																																
NOTES		[1] S/C 31=GS-4B @ 1835 XB=2.8K(41) NOT RECOVERABLE																																																
UTC:																																																		
UTC:		MAR 14																MAR 15																																

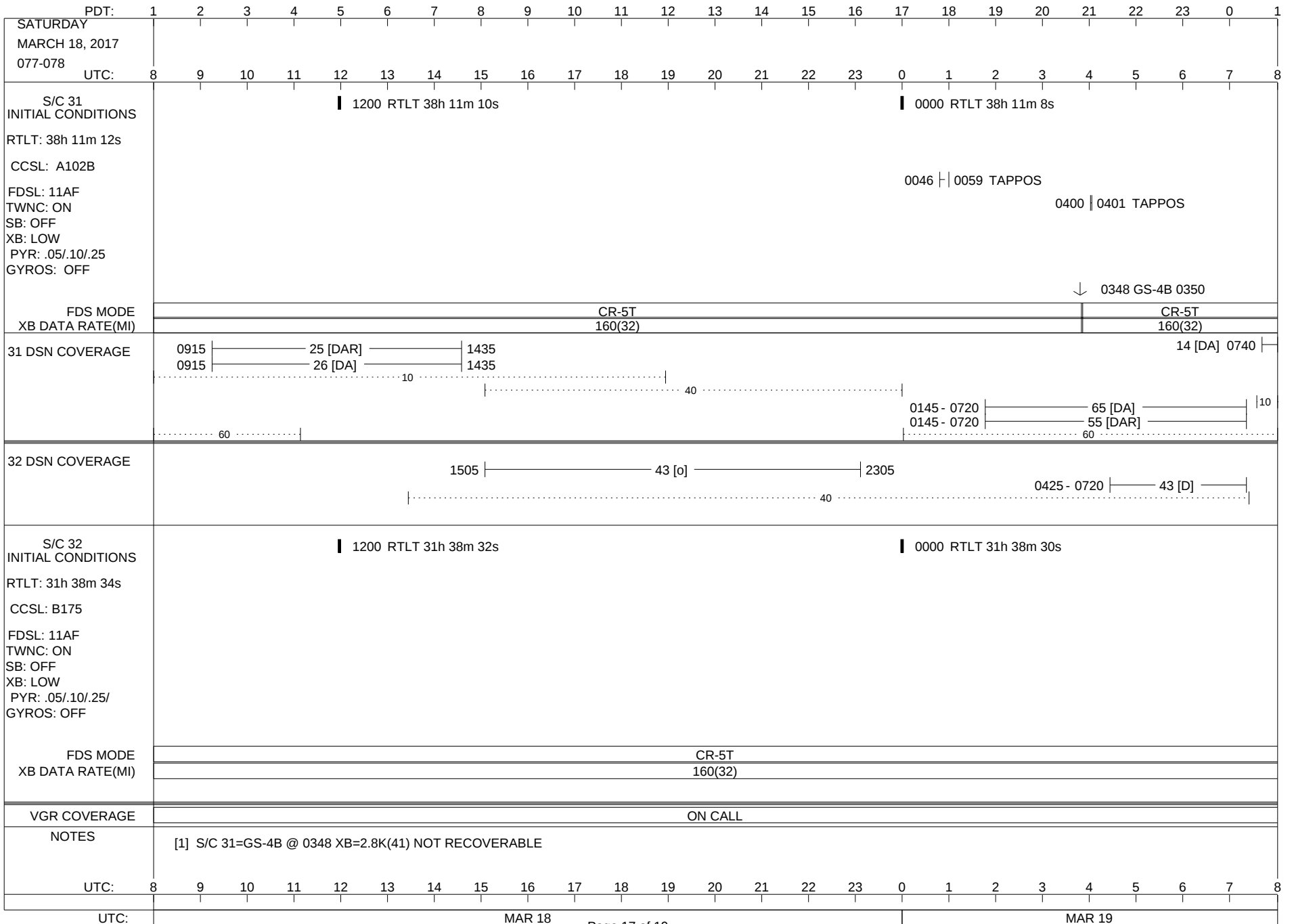
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WEDNESDAY MARCH 15, 2017 074-075																																																	
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S/C 31 INITIAL CONDITIONS RTLT: 38h 11m 24s CCSL: A102B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 38h 11m 22s 0000 RTLT 38h 11m 20s U/L 0040 - - - - - - TLC (SHORT-FORM) - - - - -																																															
FDS MODE		CR-5T																																															
XB DATA RATE(MI)		160(32)																																															
31 DSN COVERAGE		1235 25 [DA] 1500 1235 26 [DAR] 1500 14 [D] 0745 10 40 0015 63 [T1] 0300 0245 55 [DAR] 0515 0245 65 [DA] 0515 10 60 60																																															
32 DSN COVERAGE		1755 43 [o] 2305 0425 - 0730 43 [D] 40																																															
S/C 32 INITIAL CONDITIONS RTLT: 31h 38m 46s CCSL: B175 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF		1200 RTLT 31h 38m 44s 0000 RTLT 31h 38m 42s COMMAND MORATORIUM 0714 1453 7 HR THERMAL TEST 2151 1453 GYROS BC ON 1453 BAY 1 HTR OFF 1454 GYRO INIT 1503 GYRO FAULT TEST 2143 GYROS OFF 2151 BAY 1 HTR ON 1455 EL-40 1457																																															
FDS MODE		CR-5T																CR-5T																															
XB DATA RATE(MI)		160(32)																160(32)																															
VGR COVERAGE		ON CALL																VGR																ON CALL															
NOTES		[1] A102D BACKUP U/L TRACK																																															
UTC:		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8																							
UTC:		MAR 15																MAR 16																															

ISSUE DATE: 03/07/17 12:20

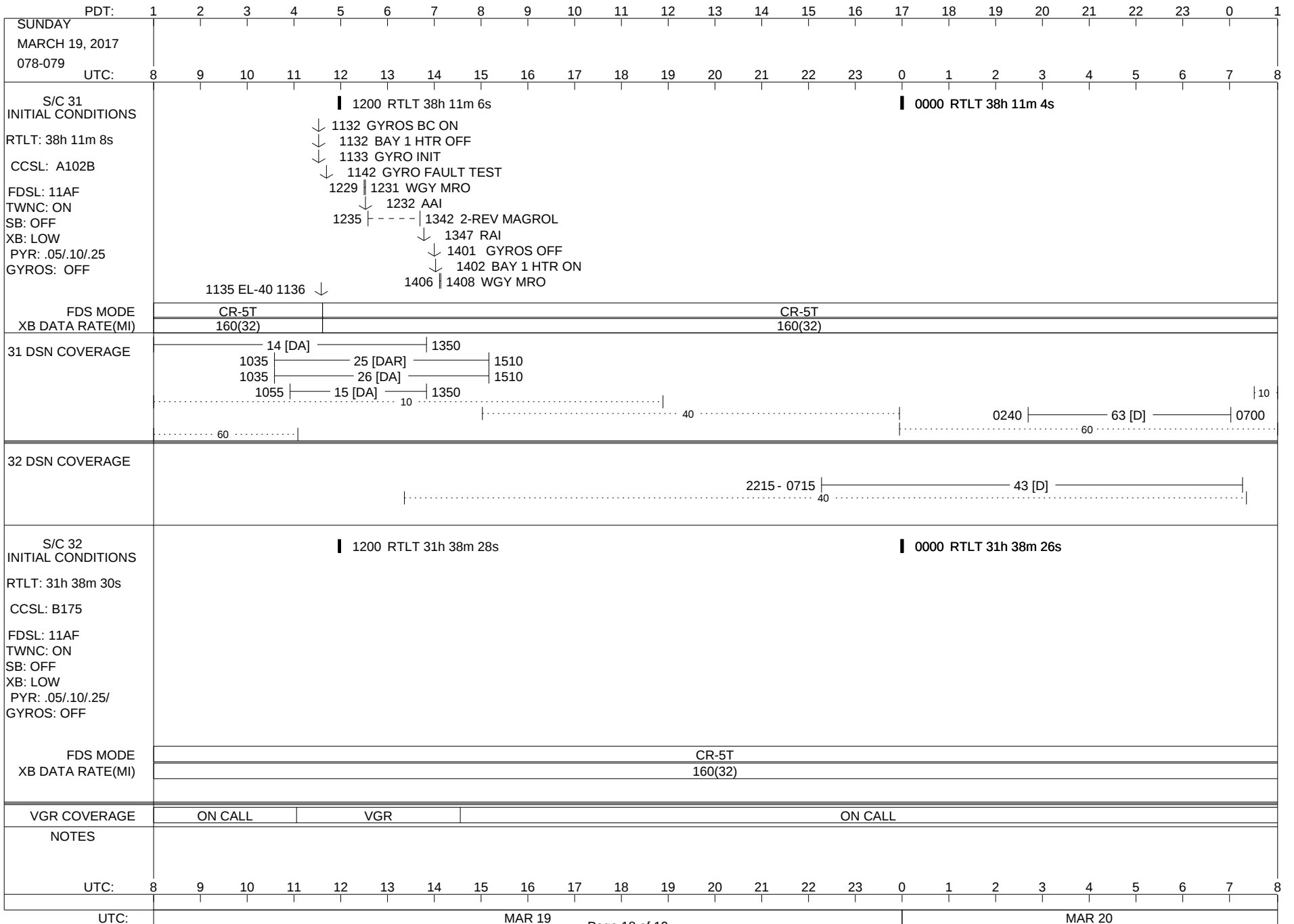


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S/C 31 INITIAL CONDITIONS RTLT: 38h 11m 16s CCSL: A102B FDSL: 11AF TWNC: ON SB: OFF KB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 38h 11m 14s 0000 RTLT 38h 11m 12s																																																	
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)																																																	
S/C 31 DSN COVERAGE		0920 25 [DAR] 1520 0920 26 [DA] 1520 1520 14 [D] 1745 10 40 0005 - 0725 63 [D] 60																																																	
S/C 32 DSN COVERAGE		1900 43 [D] 2305 0140 35 [DA] 0535 0140 36 [DAR] 0535 40																																																	
S/C 32 INITIAL CONDITIONS RTLT: 31h 38m 38s CCSL: B175 FDSL: 11AF TWNC: ON SB: OFF KB: LOW PYR: .05/.10/.25/ GYROS: OFF		1200 RTLT 31h 38m 36s 0000 RTLT 31h 38m 34s																																																	
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)																																																	
VGR COVERAGE		ON CALL																																																	
NOTES																																																			
UTC:		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	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	1	2	3	4	5	6	7	8	9
UTC:		MAR 17																		MAR 18																															

ISSUE DATE: 03/07/17 12:20



ISSUE DATE: 03/07/17 12:20



ISSUE DATE: 03/07/17 12:20

PDT:		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	
MONDAY MARCH 20, 2017 079-080																											
UTC:		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLT: 38h 11m 4s CCSL: A102B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 38h 11m 2s																									
FDS MODE		CR-5T																									
XB DATA RATE(MI)		160(32)																									
31 DSN COVERAGE		0910 ----- 25 [DA] ----- 1510 0910 ----- 26 [DAR] ----- 1510 1450 ----- 14 [D] ----- 1845 10 40 60																									
32 DSN COVERAGE																											
S/C 32 INITIAL CONDITIONS RTLT: 31h 38m 26s CCSL: B175 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF		1200 RTLT 31h 38m 24s																									
FDS MODE		CR-5T																									
XB DATA RATE(MI)		160(32)																									
VGR COVERAGE		ON CALL																									
NOTES																											
UTC:		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
UTC:		MAR 20																	MAR 21								