

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: February 22, 2017

For the Period: 02/23/17 to 03/13/17 (17-054 – 17-072)

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 Ludwig, R. (2)
 Matsumoto, S.
 Medina
 Peralta, F.
 Weeks, T.
 Wong, R.
 Yang, L.
 Zottarelli, L.
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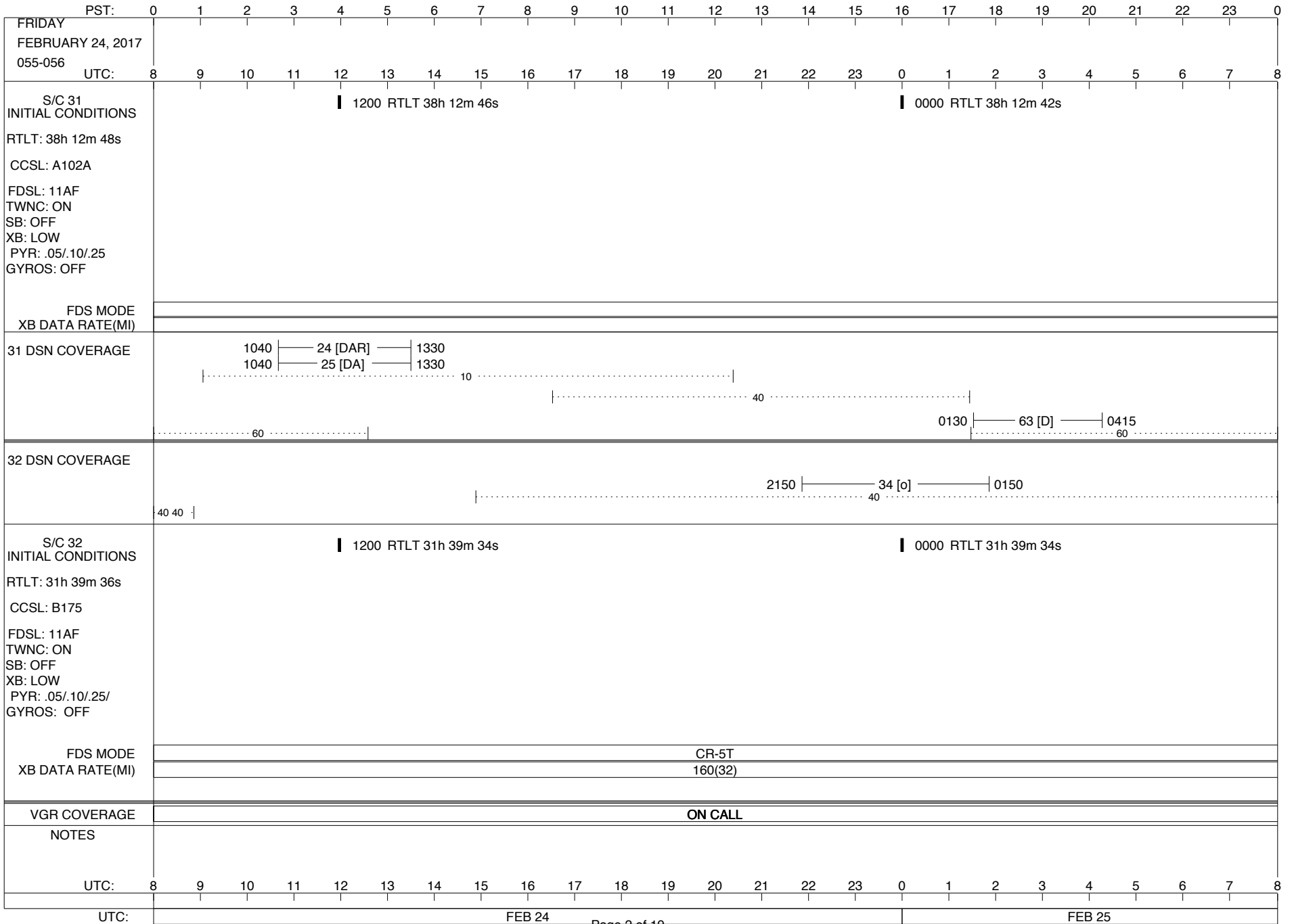
LEGEND:
 ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink only pass
 [o] = Ramp-through

*Electronic Copy Only
 (16 – Dist/N: Paper Copies)
 09/08/10

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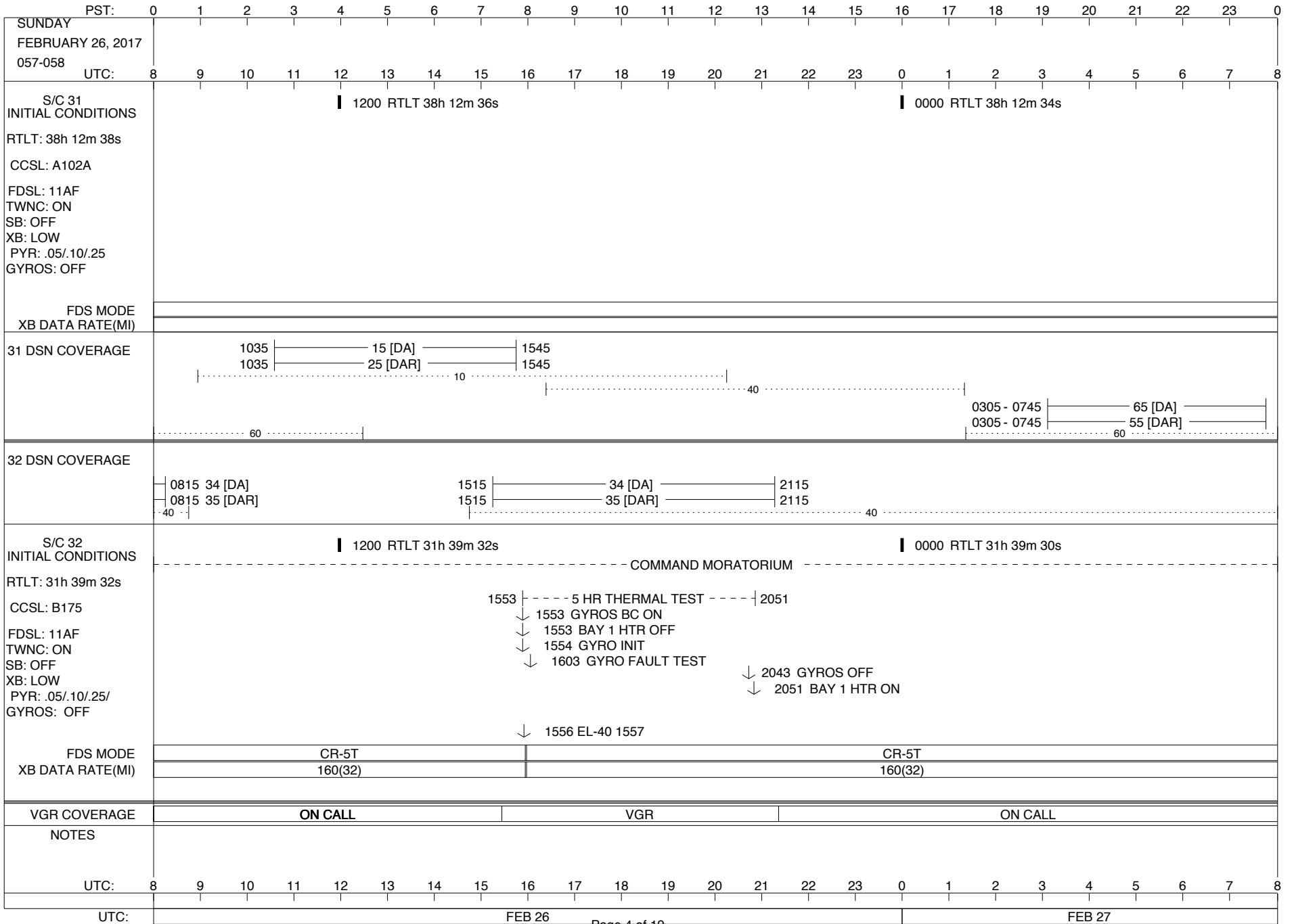
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THURSDAY FEBRUARY 23, 2017 054-055																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLTL: 38h 12m 52s CCSL: A102A FDLS: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 38h 12m 50s												█ 0000 RTLTL 38h 12m 48s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																									
31 DSN COVERAGE	1120 15 [DAR] 1325 1120 24 [DA] 1325 10 40 60												0315 - 0715 55 [DAR] 0315 - 0715 65 [DA] 60													
32 DSN COVERAGE	1530 35 [DAR] 2000 1530 36 [DA] 2000 40 40																									
S/C 32 INITIAL CONDITIONS RTLTL: 31h 39m 36s CCSL: B175 FDLS: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLTL 31h 39m 36s												█ 0000 RTLTL 31h 39m 36s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																									
VGR COVERAGE	ON CALL																									
NOTES	[1] SC 31=GS4B @ 0200 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	
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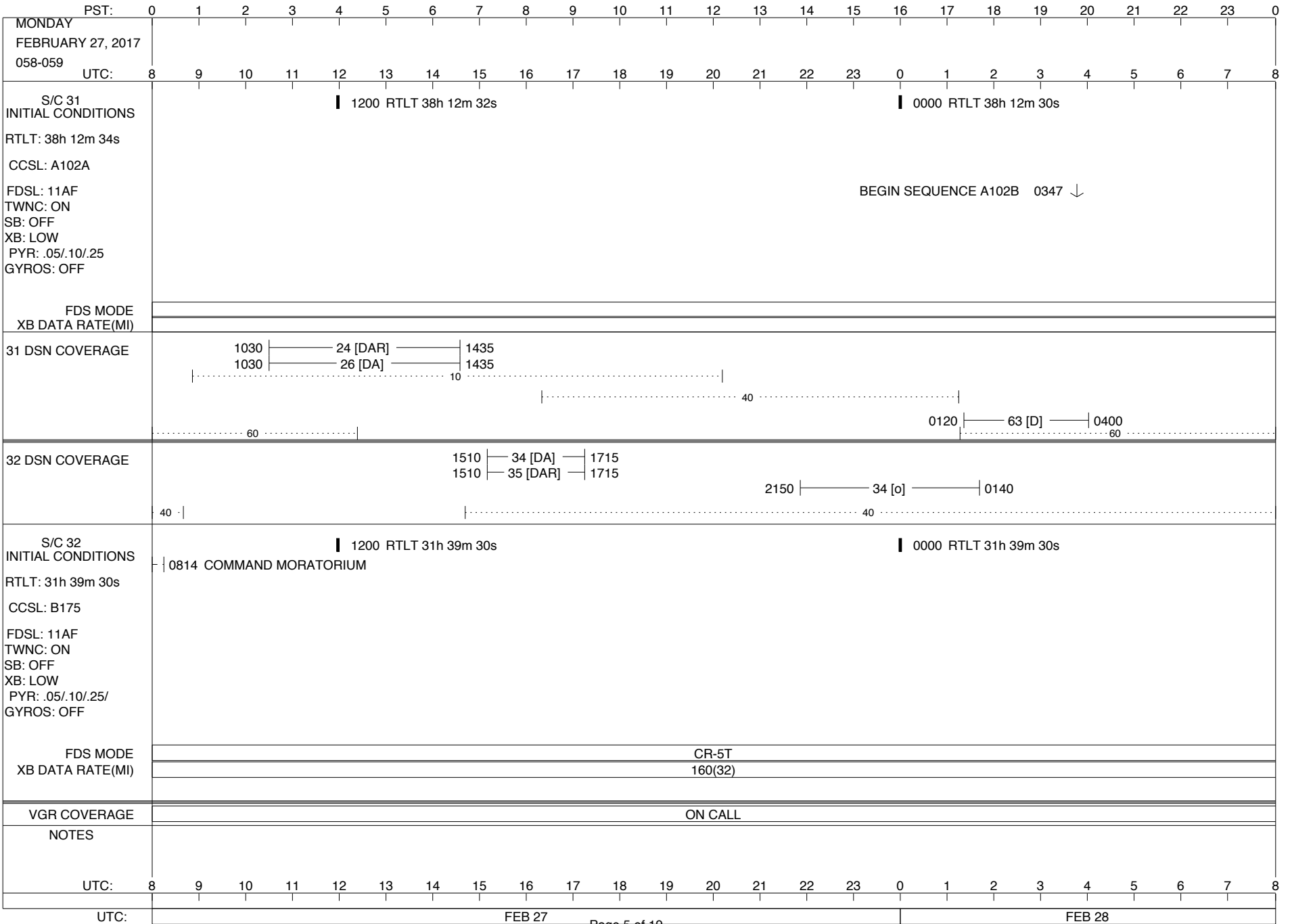


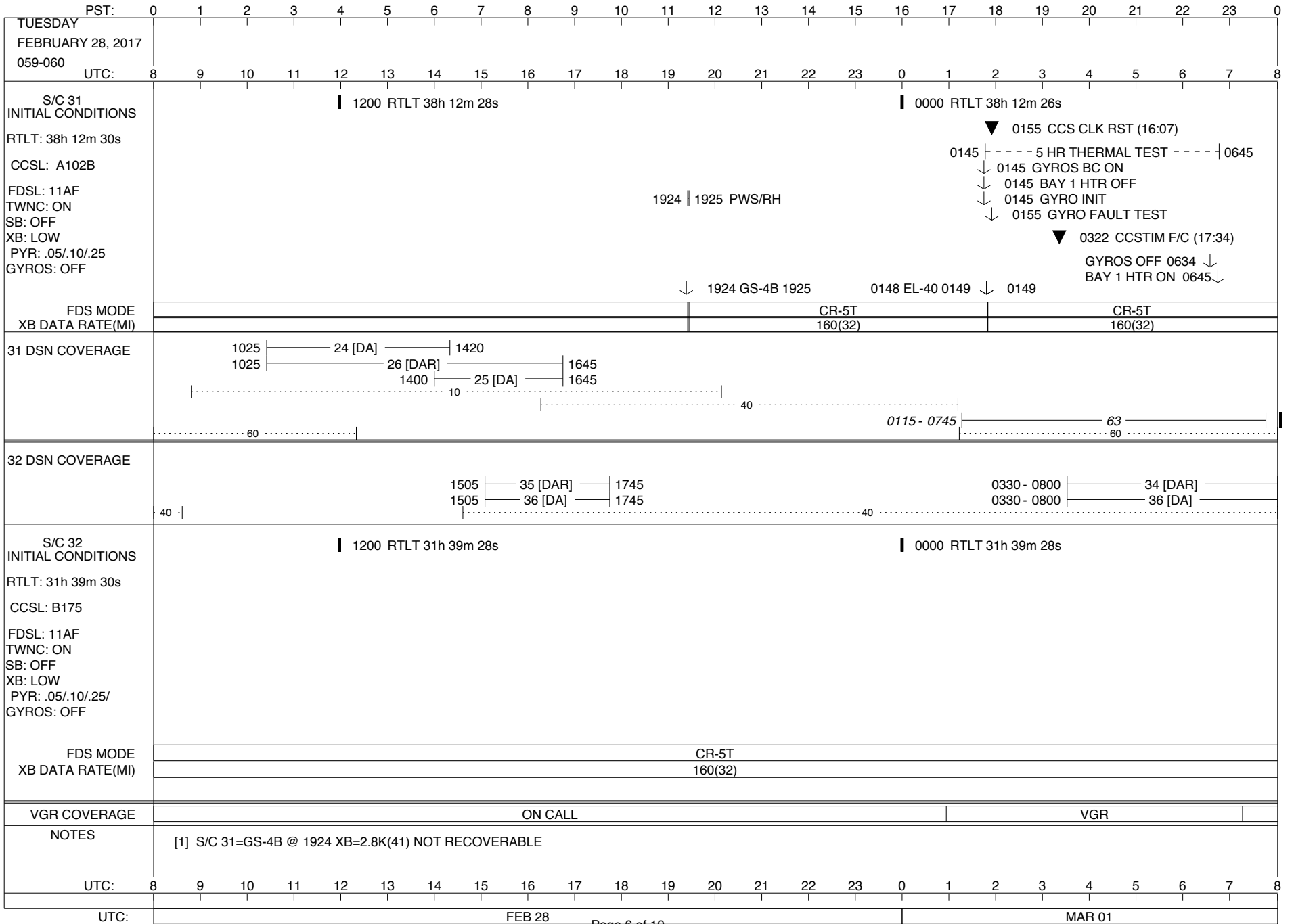
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SATURDAY FEBRUARY 25, 2017 056-057	UTC: 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLTL: 38h 12m 42s CCSL: A102A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 38h 12m 40s												█ 0000 RTLTL 38h 12m 38s												
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE	<p>Timeline for S/C 31 DSN COVERAGE:</p> <ul style="list-style-type: none"> 1040 - 1545: 25 [DAR] (solid line) 1040 - 1545: 26 [DA] (solid line) 1620 - 2015: 14 [D] (solid line) 1040 - 1620: 10 (dotted line) 1620 - 2015: 40 (dotted line) 0125 - 0410: 63 [D] (solid line) 0125 - 0410: 60 (dotted line) 																								
32 DSN COVERAGE	<p>Timeline for S/C 32 DSN COVERAGE:</p> <ul style="list-style-type: none"> 1830 - 2330: 34 [DA] (solid line) 1830 - 2250: 35 [DAR] (solid line) 0455 - 0455: 34 [DA] (solid line) 0455 - 0455: 35 [DAR] (solid line) 0400 - 0400: 40 (dotted line) 0400 - 0455: 40 (dotted line) 																								
S/C 32 INITIAL CONDITIONS RTLTL: 31h 39m 34s CCSL: B175 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLTL 31h 39m 34s												█ 0000 RTLTL 31h 39m 32s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 0500 XB=2.8K(41) NOT RECOVERABLE																								
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UTC:	FEB 25												FEB 26												



ISSUE DATE: 02/24/17 13:24

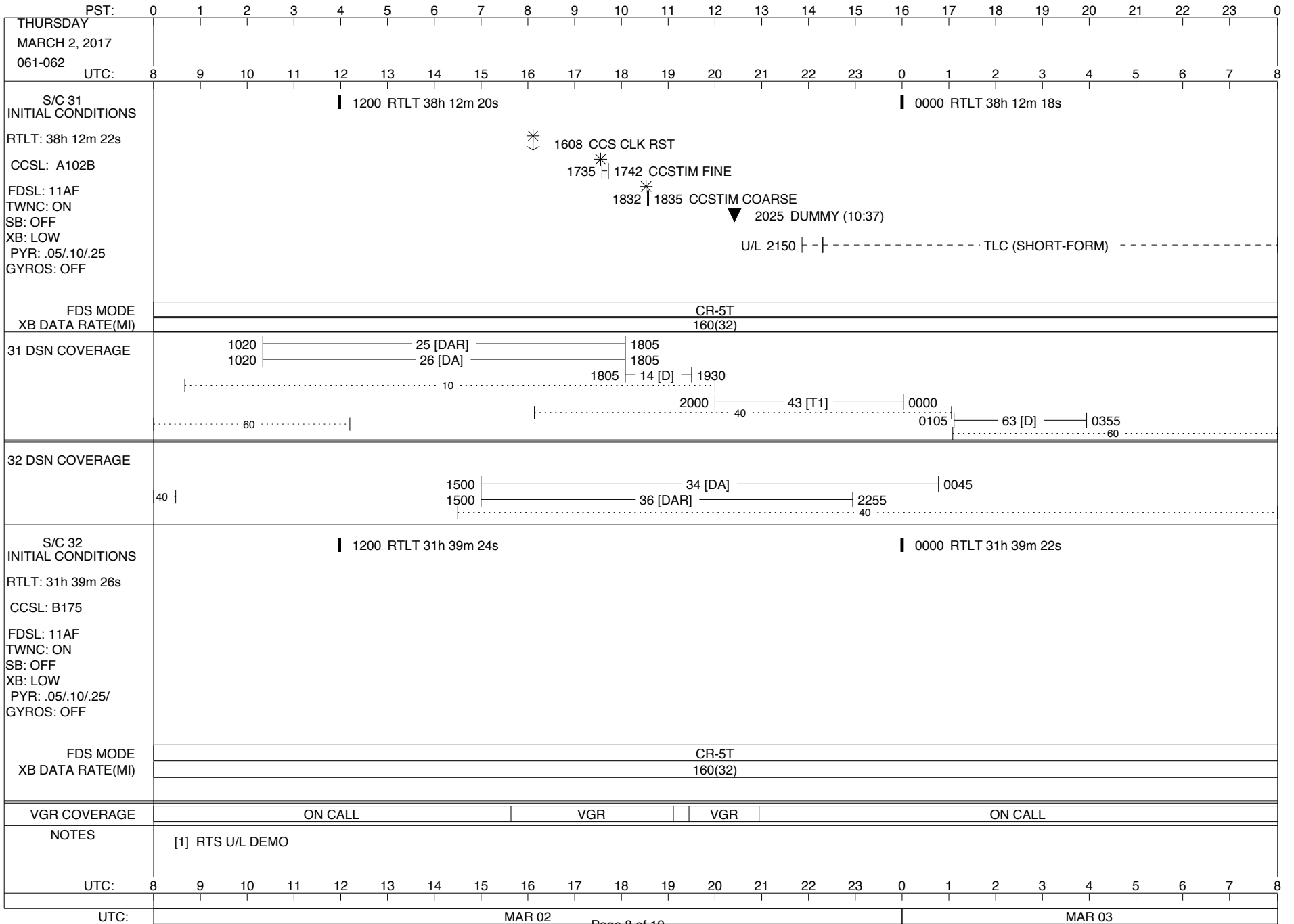




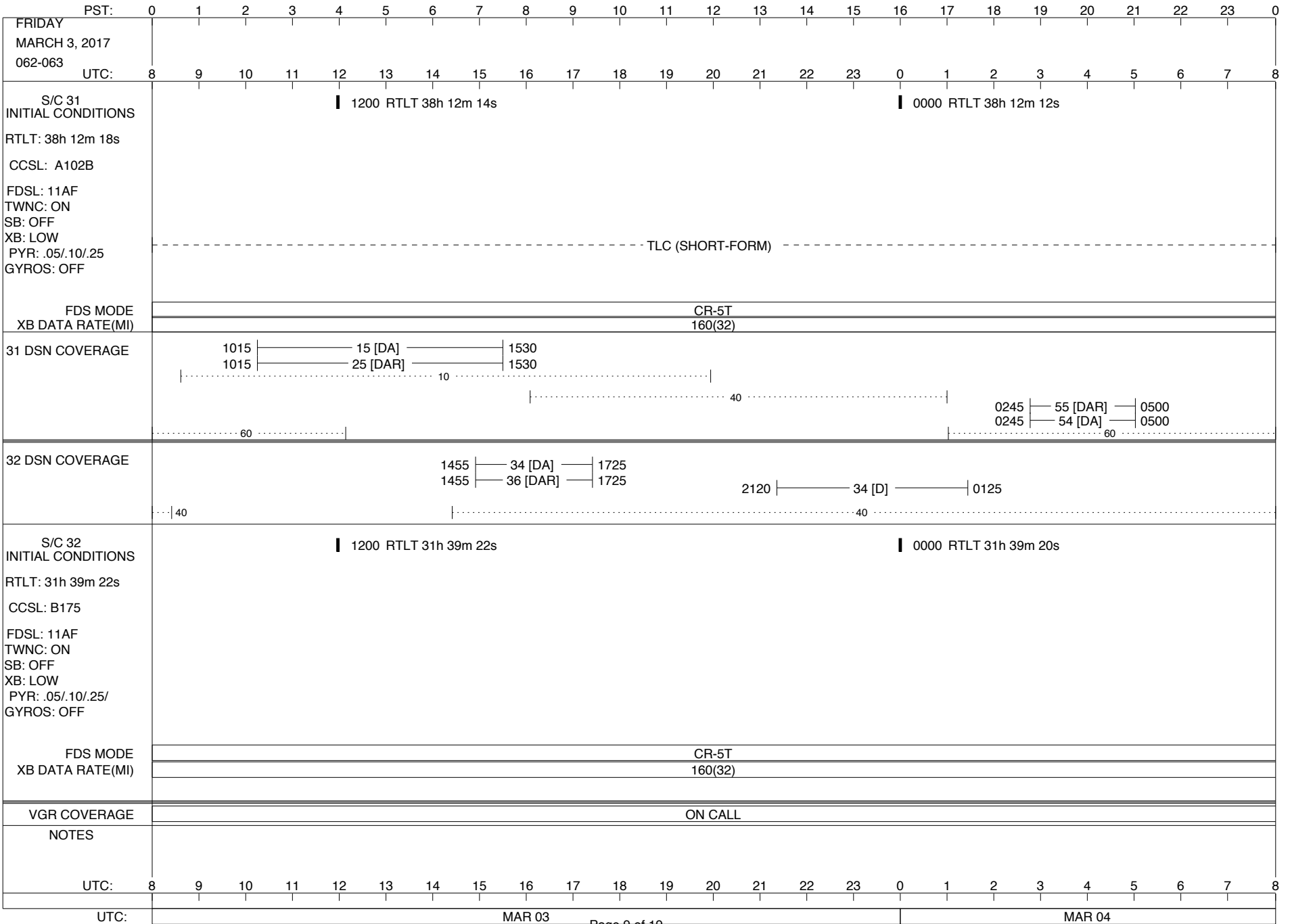
ISSUE DATE: 02/24/17 13:24

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WEDNESDAY MARCH 1, 2017 060-061	
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 26s CCSL: A102B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 38h 12m 24s</p> <p>0000 RTLT 38h 12m 22s</p> <p>1140 ---- MAGCAL ---- 1442</p> <p>1140 ---- PESCAL ---- 1459</p>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
31 DSN COVERAGE	<p>1025 ----- 15 [DA] ----- 1515</p> <p>1025 ----- 25 [DAR] ----- 1515</p> <p>..... ----- 10 ----- </p> <p>..... ----- 40 ----- </p> <p>..... ----- 60 ----- </p>
32 DSN COVERAGE	<p>0800 34 [DAR] 1435 ----- 43 [B1] ----- 1835</p> <p>0800 36 [DA] 40 ----- 40 ----- </p>
S/C 32 INITIAL CONDITIONS RTLT: 31h 39m 28s CCSL: B175 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	<p>1200 RTLT 31h 39m 26s</p> <p>0000 RTLT 31h 39m 26s</p> <p>▼ 1502 DUMMY (5 MIN BRACKETED 22:42)</p>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
VGR COVERAGE	ON CALL VGR ON CALL
NOTES	[1] RTS U/L DEMO 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 01 Page 7 of 19 MAR 02	

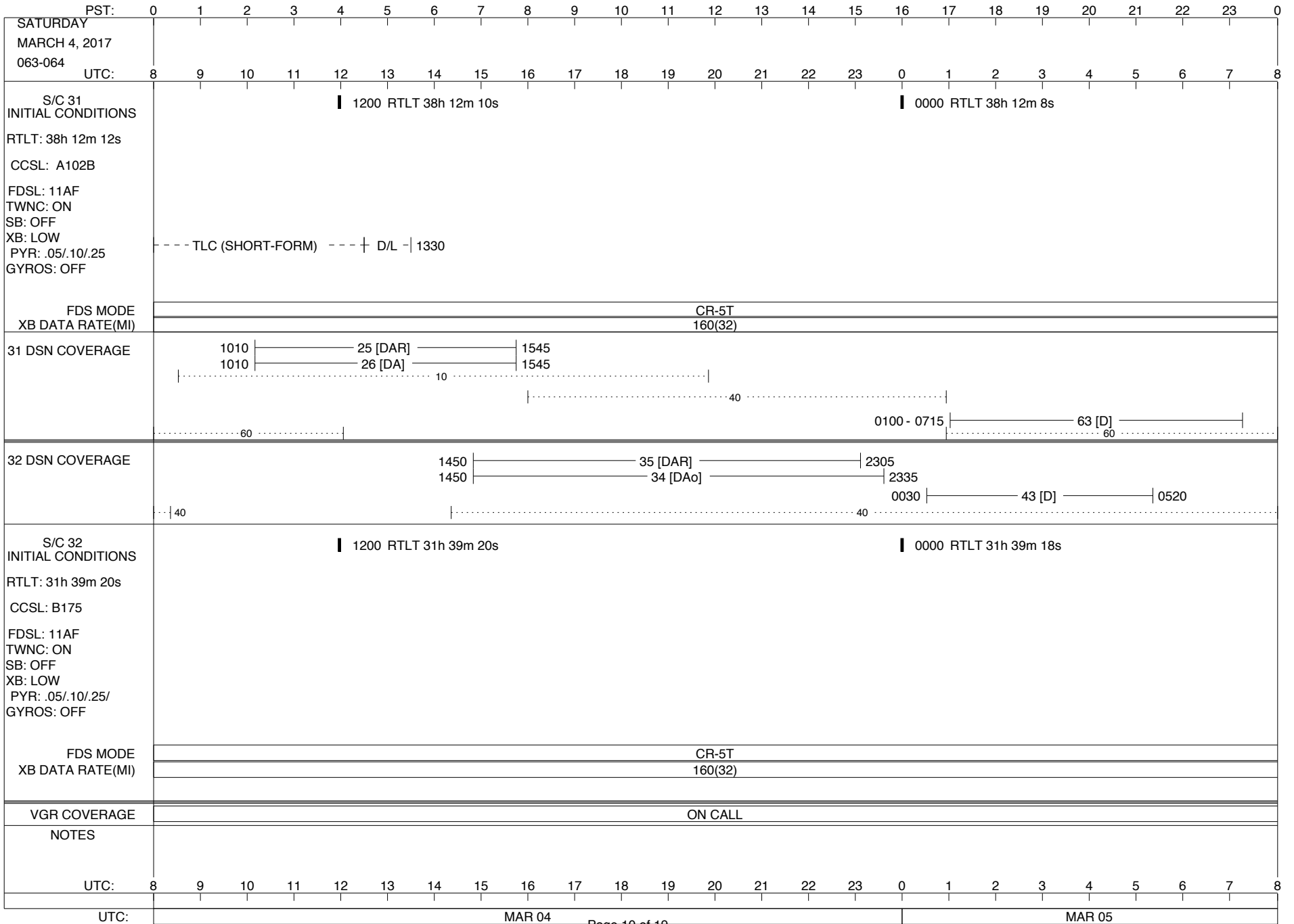
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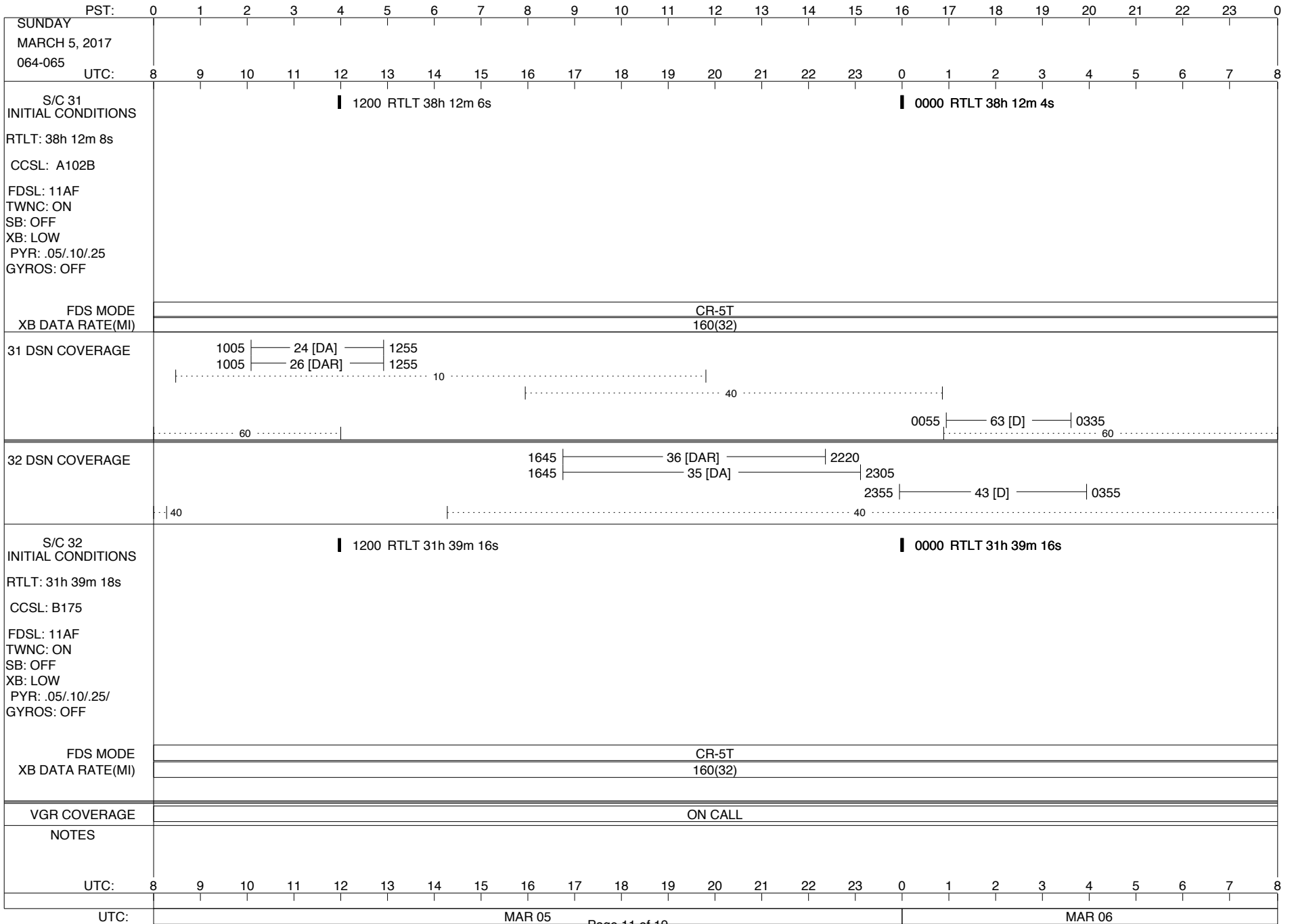


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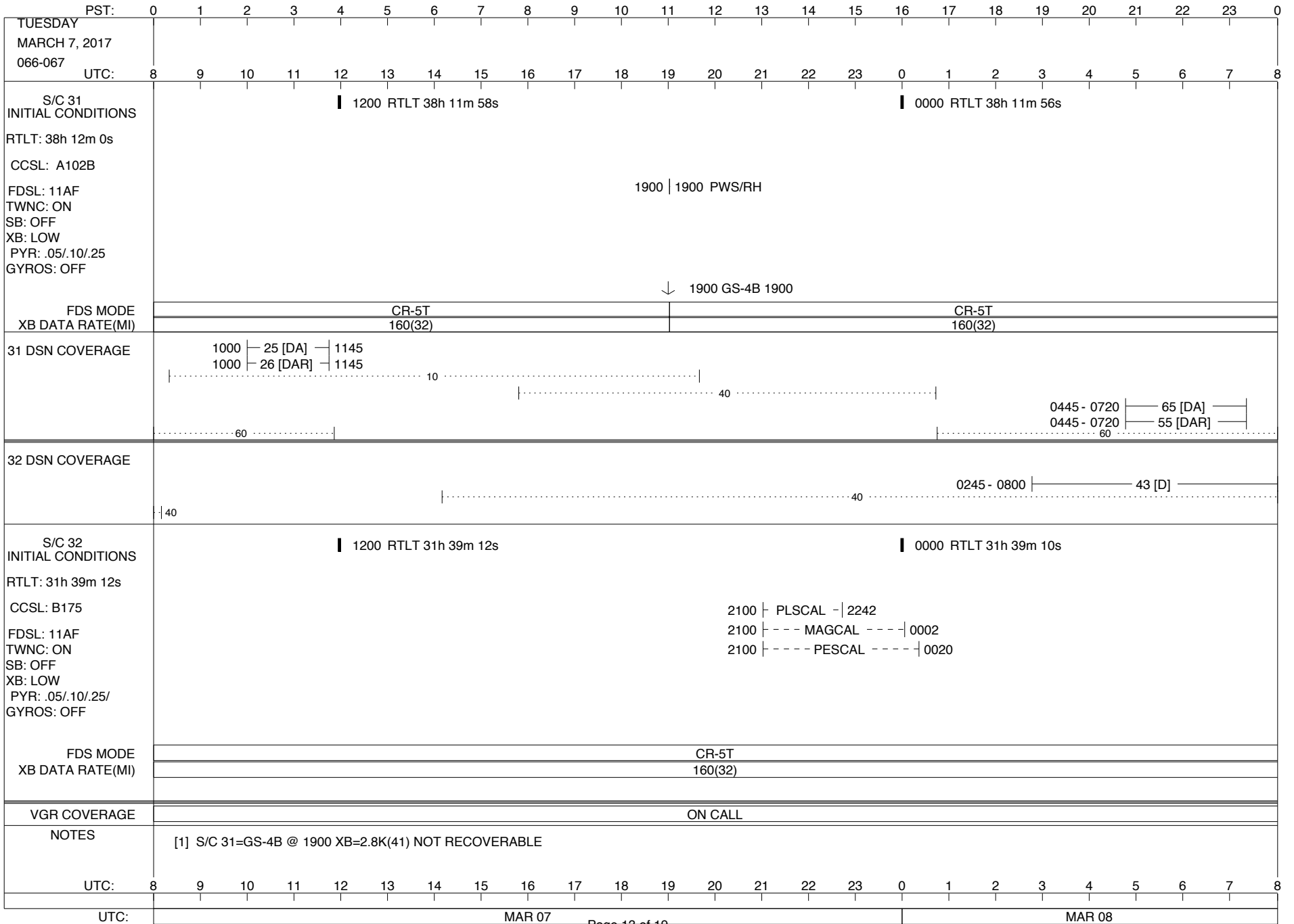




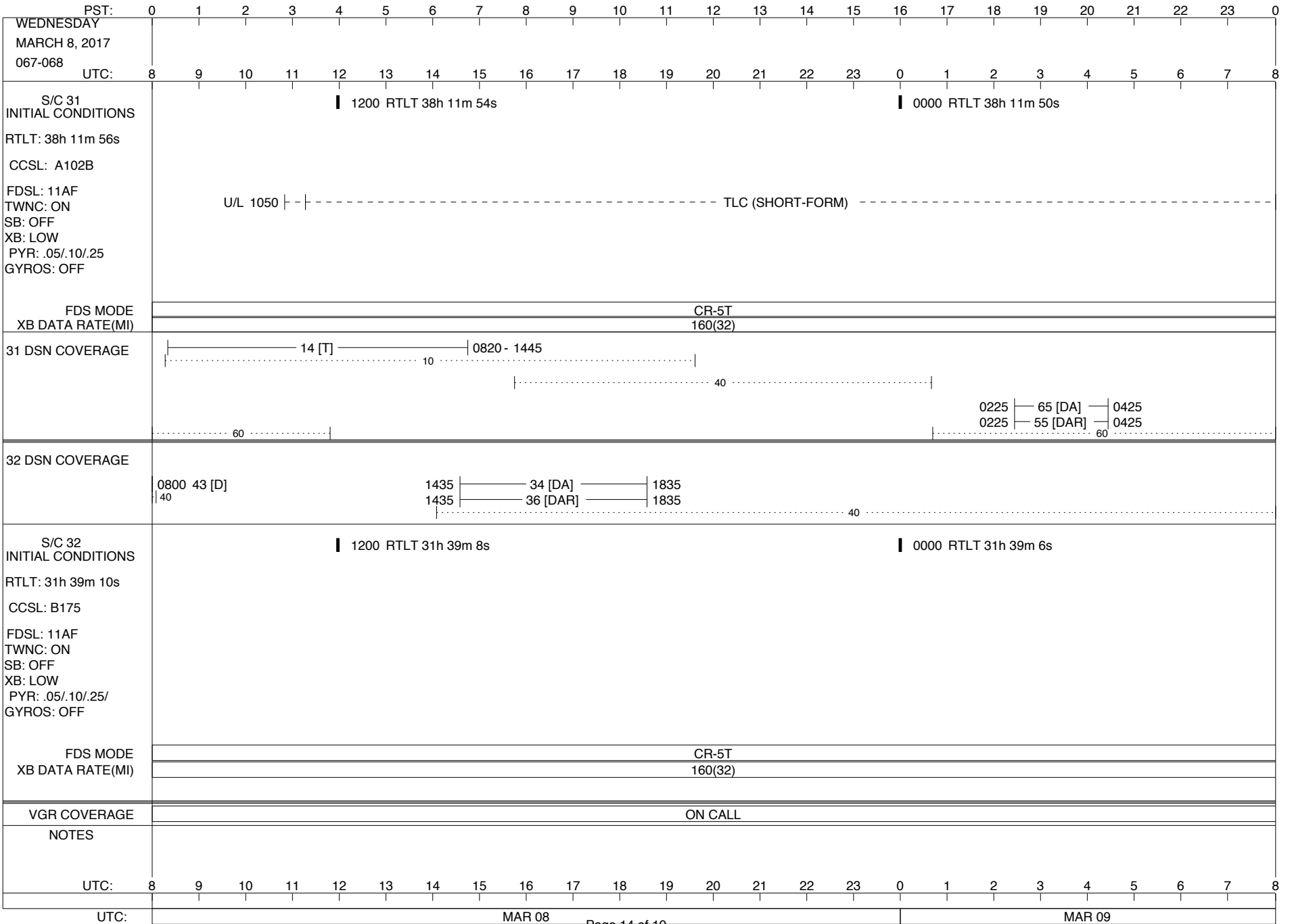
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MONDAY MARCH 6, 2017 065-066	UTC: 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 38h 12m 4s CCSL: A102B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 38h 12m 2s												0000 RTLT 38h 12m 0s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	1005 ----- 25 [DAR] ----- 1405 1005 ----- 26 [DA] ----- 1405 ----- 10 ----- ----- 40 ----- ----- 60 -----												0235 - 0745 ----- 65 [DAR] ----- 0235 - 0745 ----- 55 [DA] ----- ----- 60 -----												
32 DSN COVERAGE	1415 ----- 43 [B] ----- 2110 ----- 40 ----- 2105 ----- 36 [D] ----- 0040 ----- 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	1200 RTLT 31h 39m 14s												0000 RTLT 31h 39m 12s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL												VGR ON CALL												
NOTES													▼ 1952 DUMMY (5 MIN BRACKETED 02:12)												
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 06												MAR 07												

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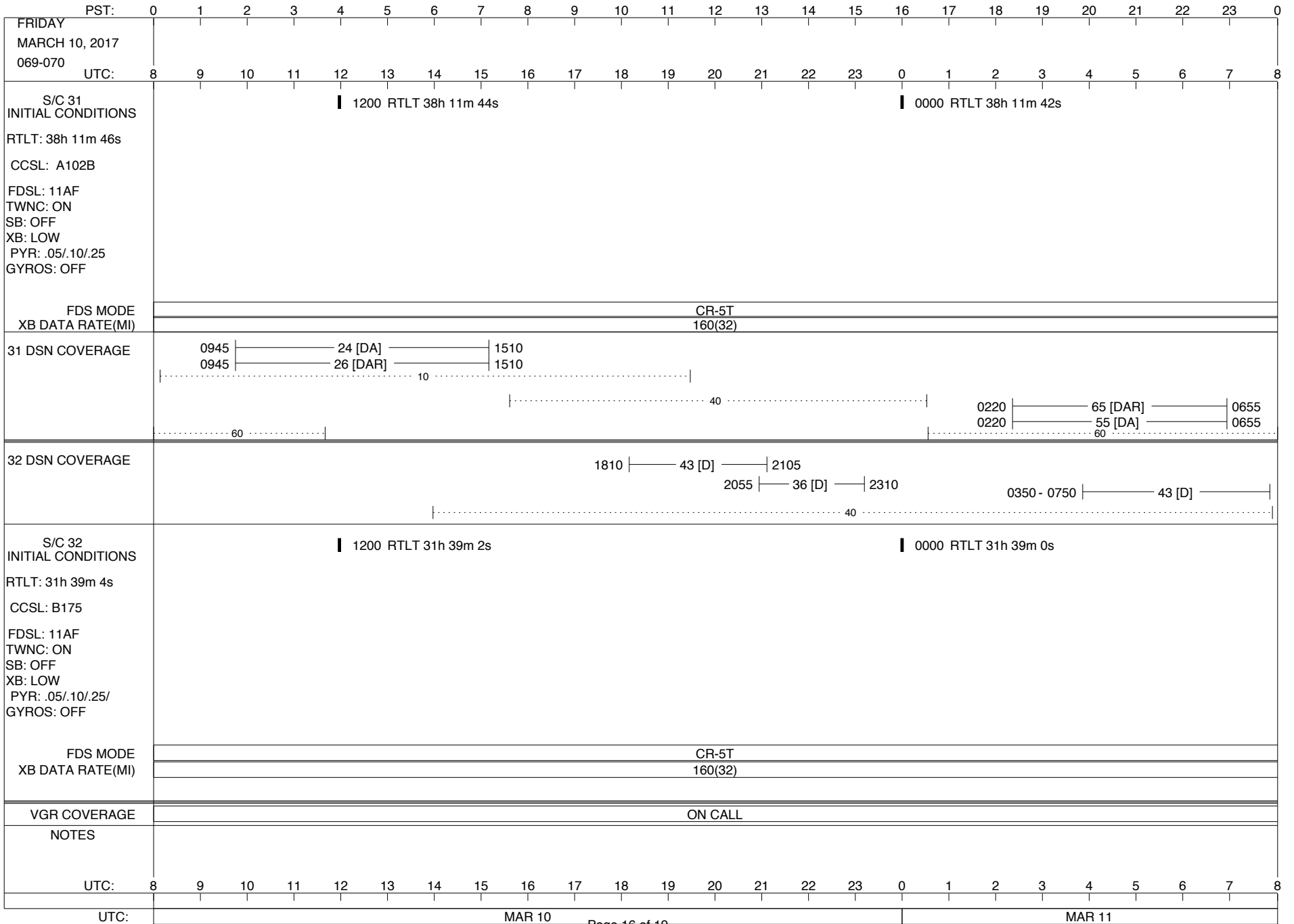
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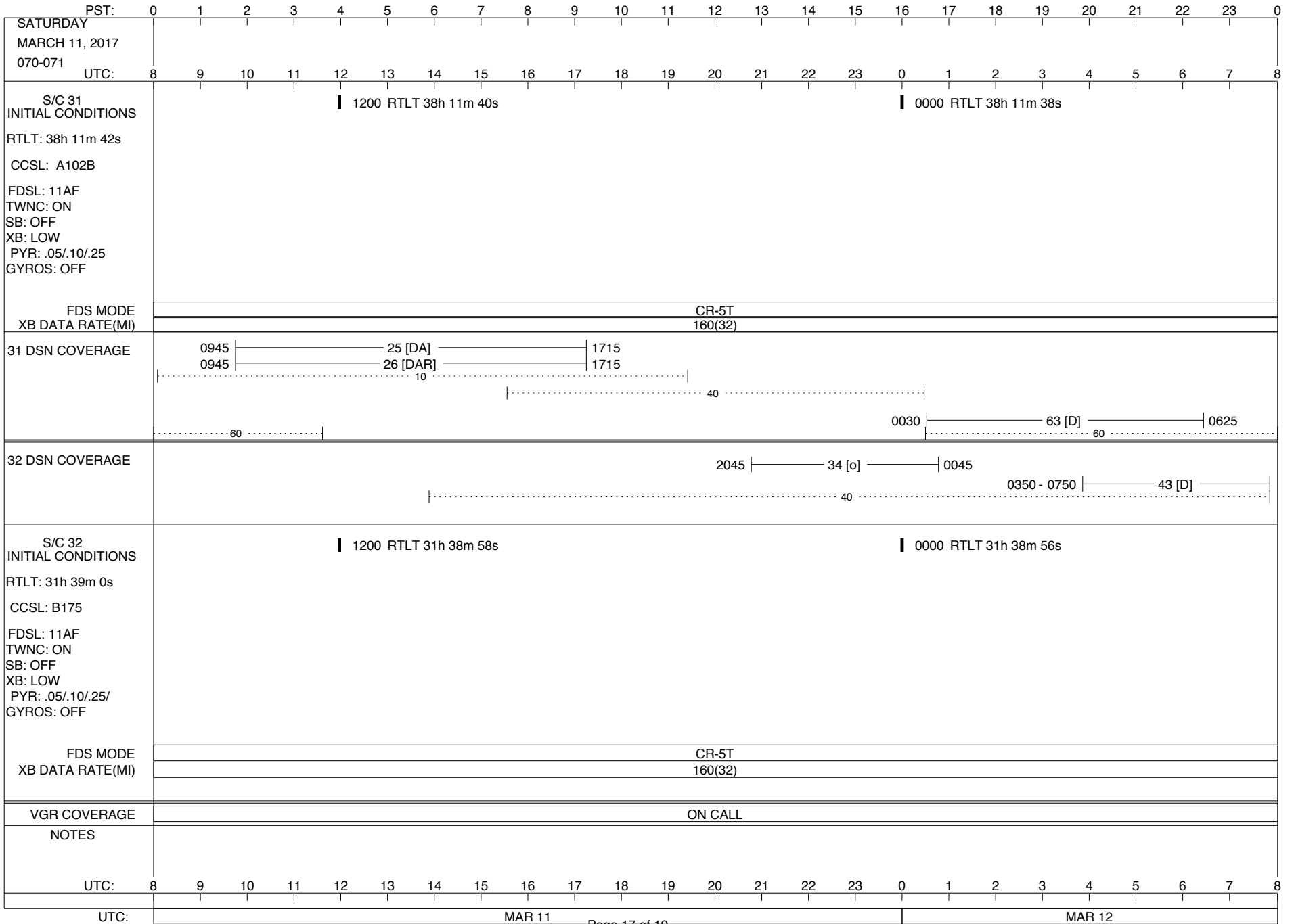
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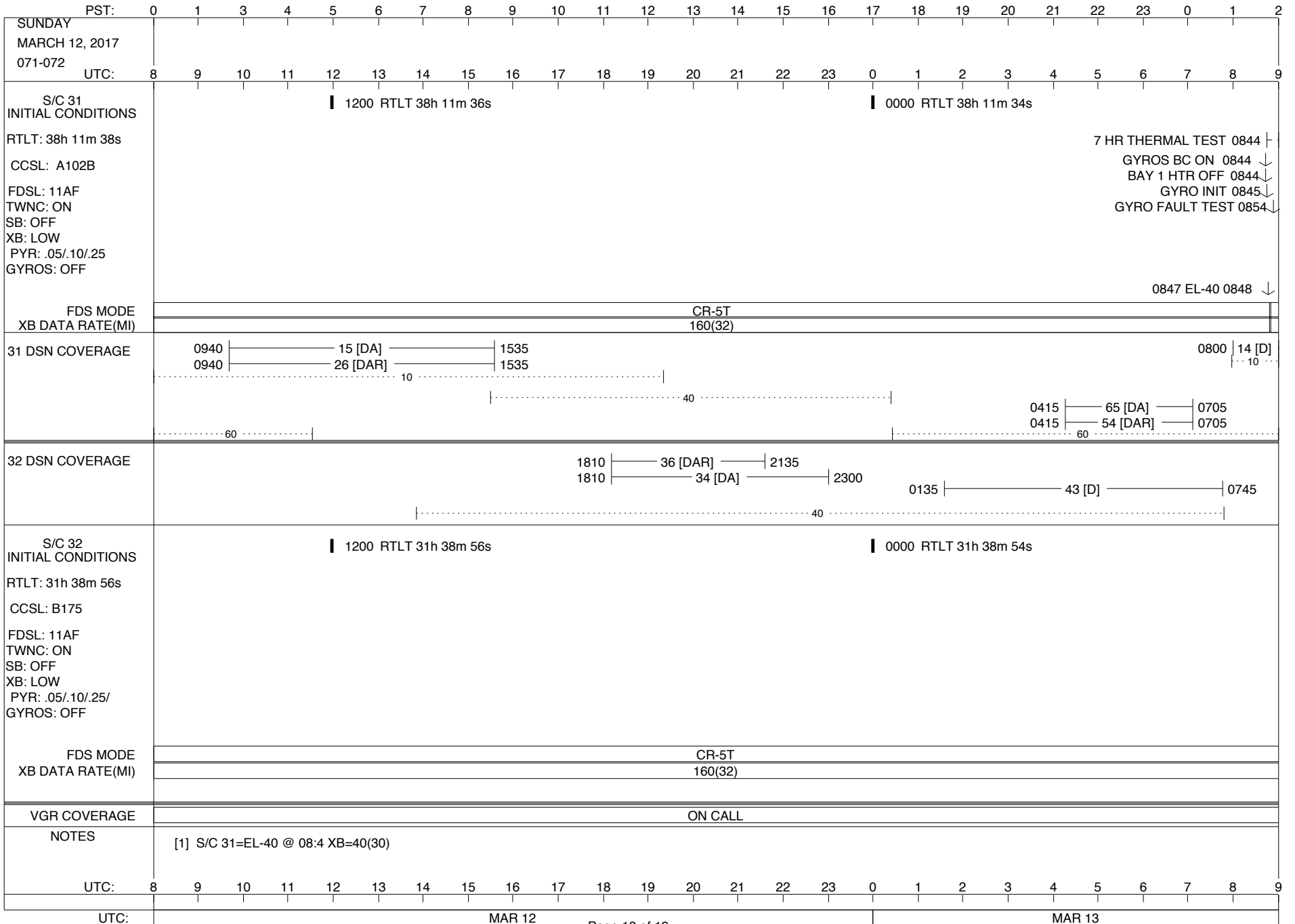
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THURSDAY MARCH 9, 2017 068-069																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLTL: 38h 11m 50s CCSL: A102B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 38h 11m 48s												█ 0000 RTLTL 38h 11m 46s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	0950 ----- 25 [DA] ----- 1520 0950 ----- 26 [DAR] ----- 1520 ----- 10 ----- ----- 40 ----- ----- 60 -----												0130 ----- 0220 63 [D] ----- 0220 ----- 55 [DA] ----- 0630 0220 ----- 65 [DAR] ----- 0630 ----- 0630 - 0745 ----- 63 [D] ----- 60 -----												
32 DSN COVERAGE	1435 ----- 35 [DAR] ----- 2100 1435 ----- 34 [DA] ----- 2145 ----- 40 -----											 ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLTL: 31h 39m 6s CCSL: B175 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLTL 31h 39m 6s												█ 0000 RTLTL 31h 39m 4s												
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
UTC:	MAR 09												MAR 10												

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ISSUE DATE: 02/24/17 13:24





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PDT:	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 13, 2017 072-073																								
UTC:	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	<p>1200 RTLT 38h 11m 32s</p> <p>RTLT: 38h 11m 34s ----- 7 HR THERMAL TEST ----- 1544</p> <p>CCSL: A102B</p> <p>FDSL: 11AF</p> <p>TWNC: ON</p> <p>SB: OFF</p> <p>XB: LOW</p> <p>PYR: .05/.10/.25</p> <p>GYROS: BC ON</p> <p>↓ 1534 GYROS OFF</p> <p>↓ 1544 BAY 1 HTR ON</p>																							
FDS MODE	CR-5T																							
XB DATA RATE(MI)	160(32)																							
31 DSN COVERAGE	<p>14 [D] ----- 1615</p> <p>..... 10</p> <p>..... 60</p>																							
32 DSN COVERAGE	<p>1415 ----- 34 [DA] ----- 1635</p> <p>1415 ----- 36 [DAR] ----- 1635</p>																							
S/C 32 INITIAL CONDITIONS	<p>1200 RTLT 31h 38m 52s</p> <p>RTLT: 31h 38m 54s</p> <p>CCSL: B175</p> <p>FDSL: 11AF</p> <p>TWNC: ON</p> <p>SB: OFF</p> <p>XB: LOW</p> <p>PYR: .05/.10/.25/</p> <p>GYROS: OFF</p>																							
FDS MODE	CR-5T																							
XB DATA RATE(MI)	160(32)																							
VGR COVERAGE	ON CALL																							
NOTES																								
UTC:	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 13												MAR 14											