

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: February 18, 2015

For the Period: 02/19/15 to 03/09/15 (15-050 – 15-068)

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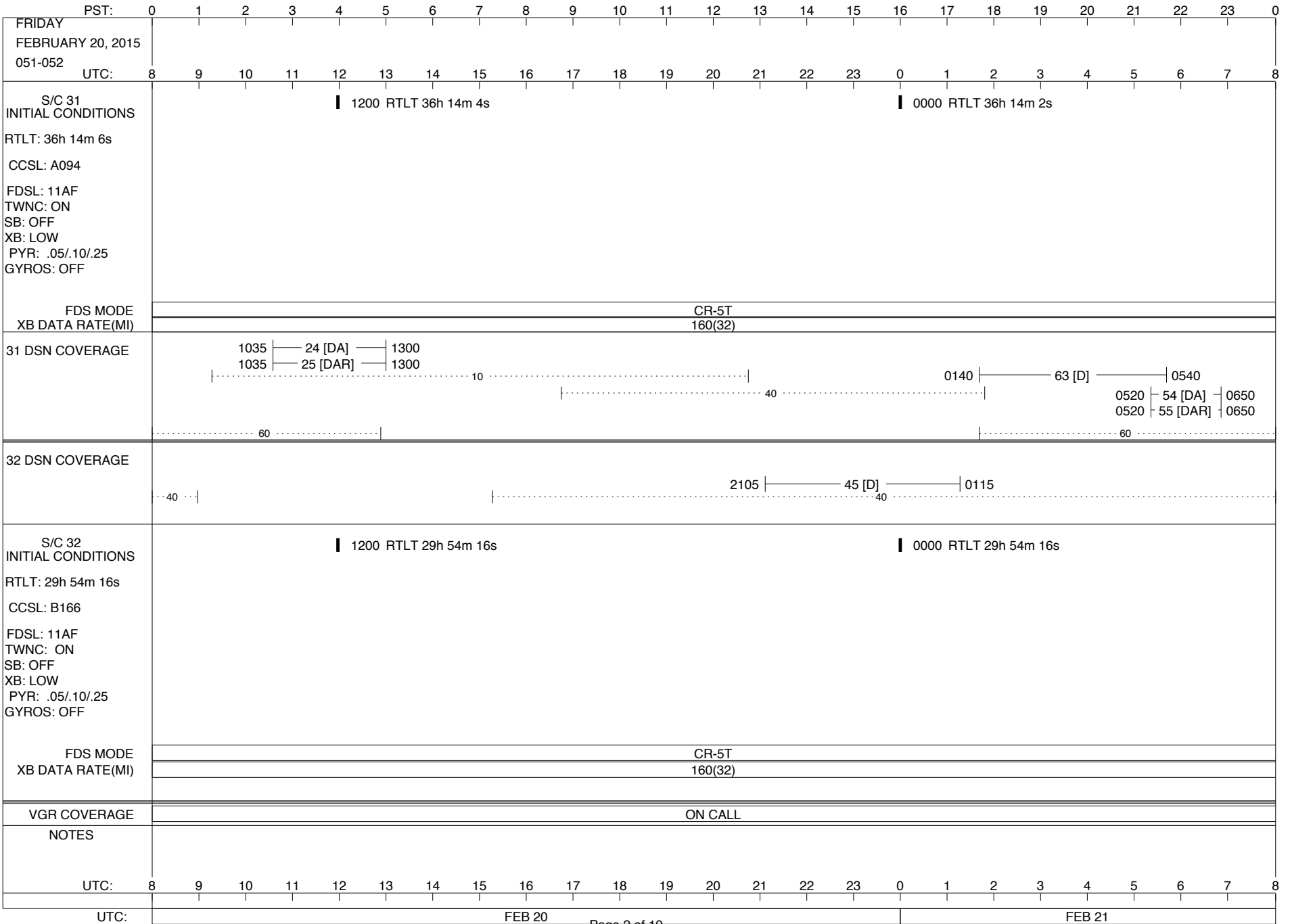
LEGEND:
 ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U =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

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

ISSUE DATE: 02/19/15 10:34

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			
THURSDAY FEBRUARY 19, 2015 050-051																												
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S/C 31 INITIAL CONDITIONS RTLTL: 36h 14m 10s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 36h 14m 8s														0000 RTLTL 36h 14m 6s													
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: 29h 54m 16s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 29h 54m 16s														0000 RTLTL 29h 54m 16s													
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 @ 0214 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:	FEB 19														Page 1 of 19							FEB 20						

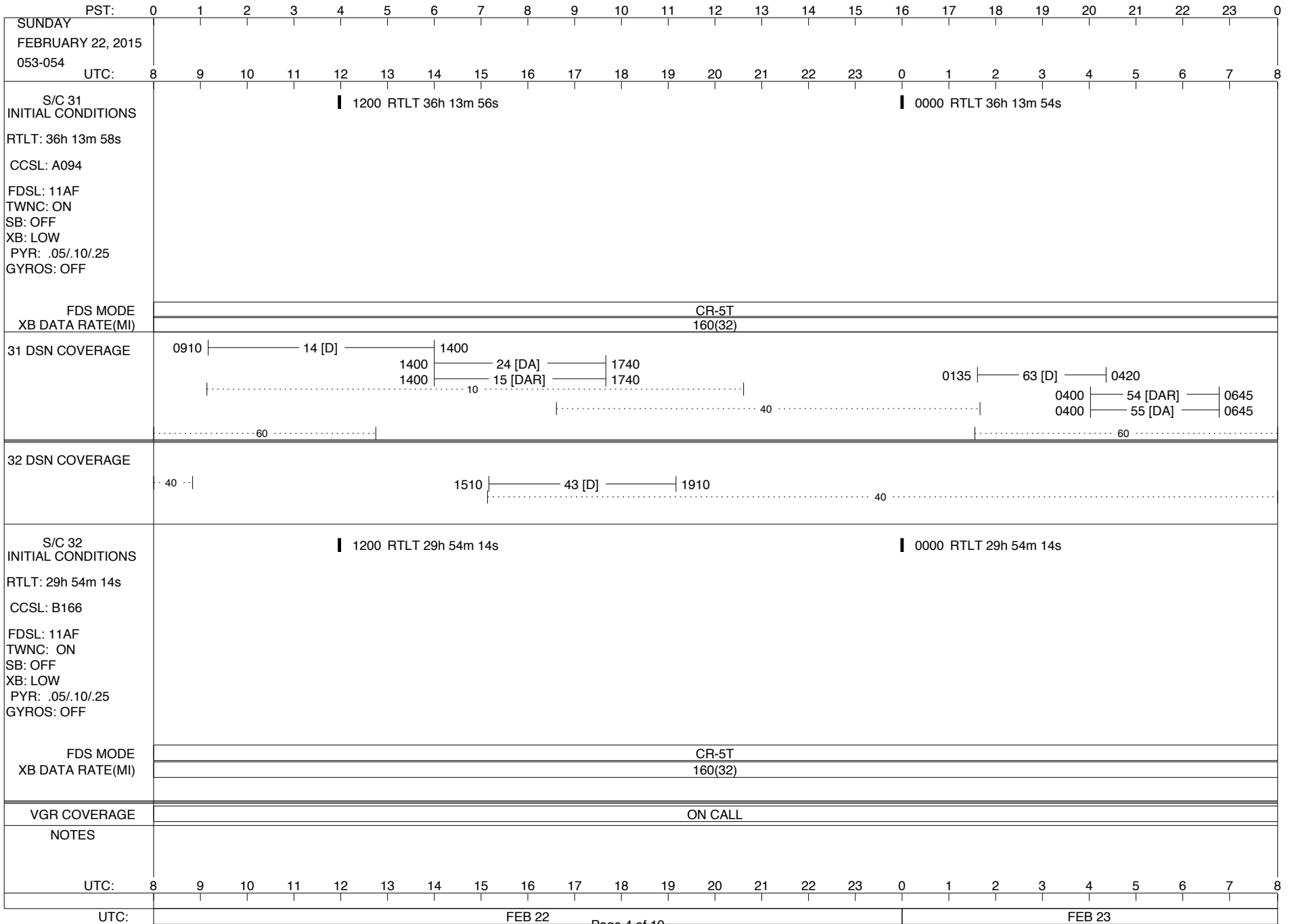
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ISSUE DATE: 02/19/15 10:34

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SATURDAY FEBRUARY 21, 2015 052-053	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: 36h 14m 2s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 36h 14m 0s												0000 RTLTL 36h 13m 58s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1030 ----- 15 [DA] ----- 1335 1030 ----- 25 [DAR] ----- 1335 ----- 10 ----- 40 ----- 0140 ----- 63 [D] ----- 0425 ----- 60 ----- 60 ----- 0405 ----- 55 [DAR] ----- 0600 ----- 60 ----- 0405 ----- 65 [DA] ----- 0600												0513 GS-4B 0515 ↓ 0212 ----- 0320 TAPPOS 0513 0515 PWS/RH TAPPOS 0525 ----- 0619												
32 DSN COVERAGE	1855 ----- 35 [D] ----- 2355												40 .. ----- 40 .. ----- 60 .. ----- 60 .. -----												
S/C 32 INITIAL CONDITIONS RTLTL: 29h 54m 16s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 29h 54m 16s												0000 RTLTL 29h 54m 14s												
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 @ 0513 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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ISSUE DATE: 02/19/15 10:34



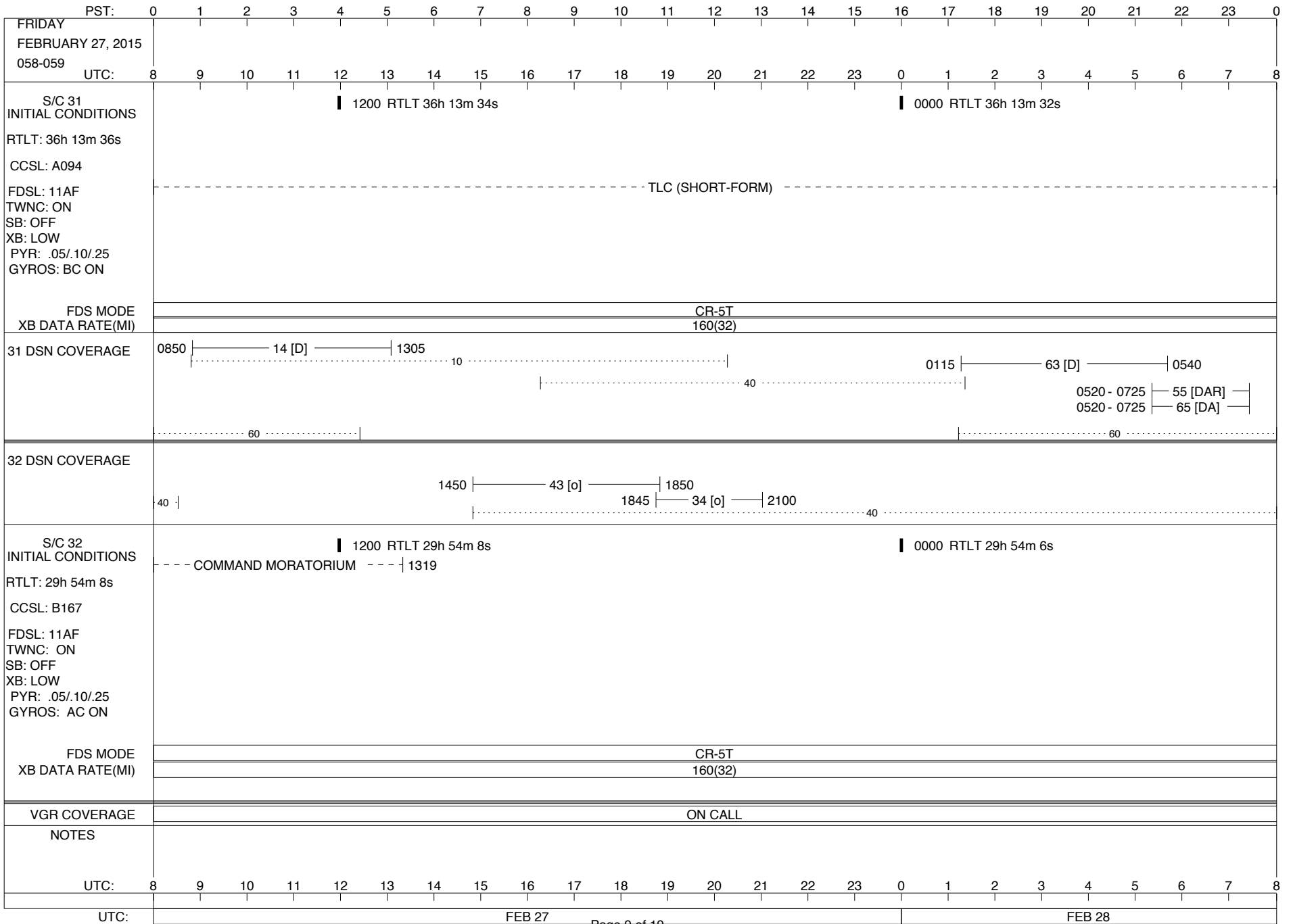
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MONDAY FEBRUARY 23, 2015 054-055																											
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S/C 31 INITIAL CONDITIONS RTLT: 36h 13m 54s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF					█ 1200																█ 0000						
FDS MODE													CR-5T														
XB DATA RATE(MI)													160(32)														
31 DSN COVERAGE	0905	----- 14 [D] -----										1400															
	----- 10 -----																										
	----- 60 -----																										
													0255 - 0715	----- 55 [DAR] -----													
													0255 - 0715	----- 54 [DA] -----													
													----- 60 -----														
32 DSN COVERAGE													1505	----- 43 [D] -----										2040			
	----- 40 -----																										
S/C 32 INITIAL CONDITIONS RTLT: 29h 54m 14s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF					█ 1200																						
													↓ 0034 BEGIN SEQUENCE B167														
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		
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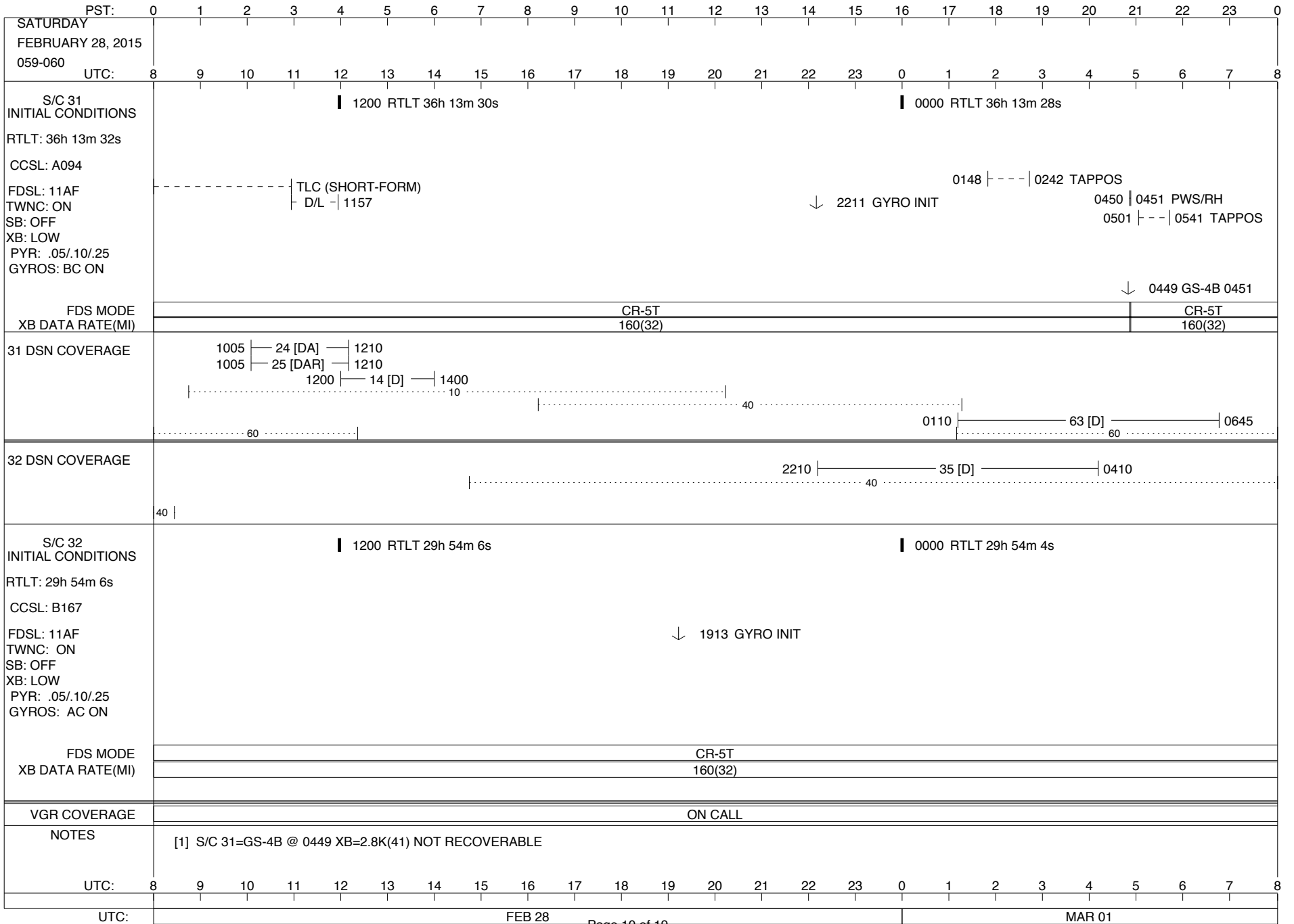
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WEDNESDAY FEBRUARY 25, 2015 056-057																									
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S/C 31 INITIAL CONDITIONS RTLT: 36h 13m 46s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF					█ 1200																				
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 29h 54m 12s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF					█ 1200																				
FDS MODE XB DATA RATE(MI)																									
VGR COVERAGE																									
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:																									

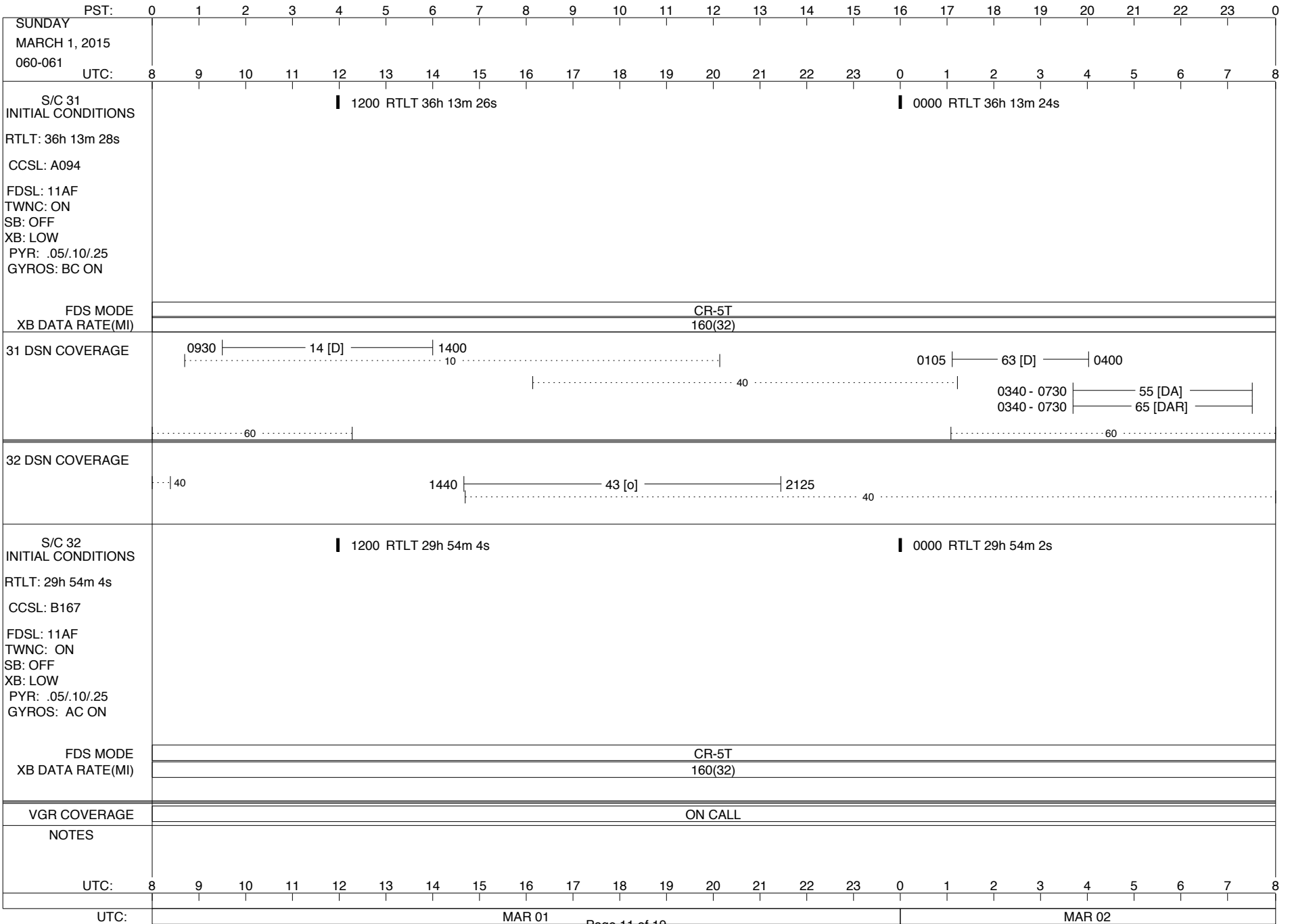
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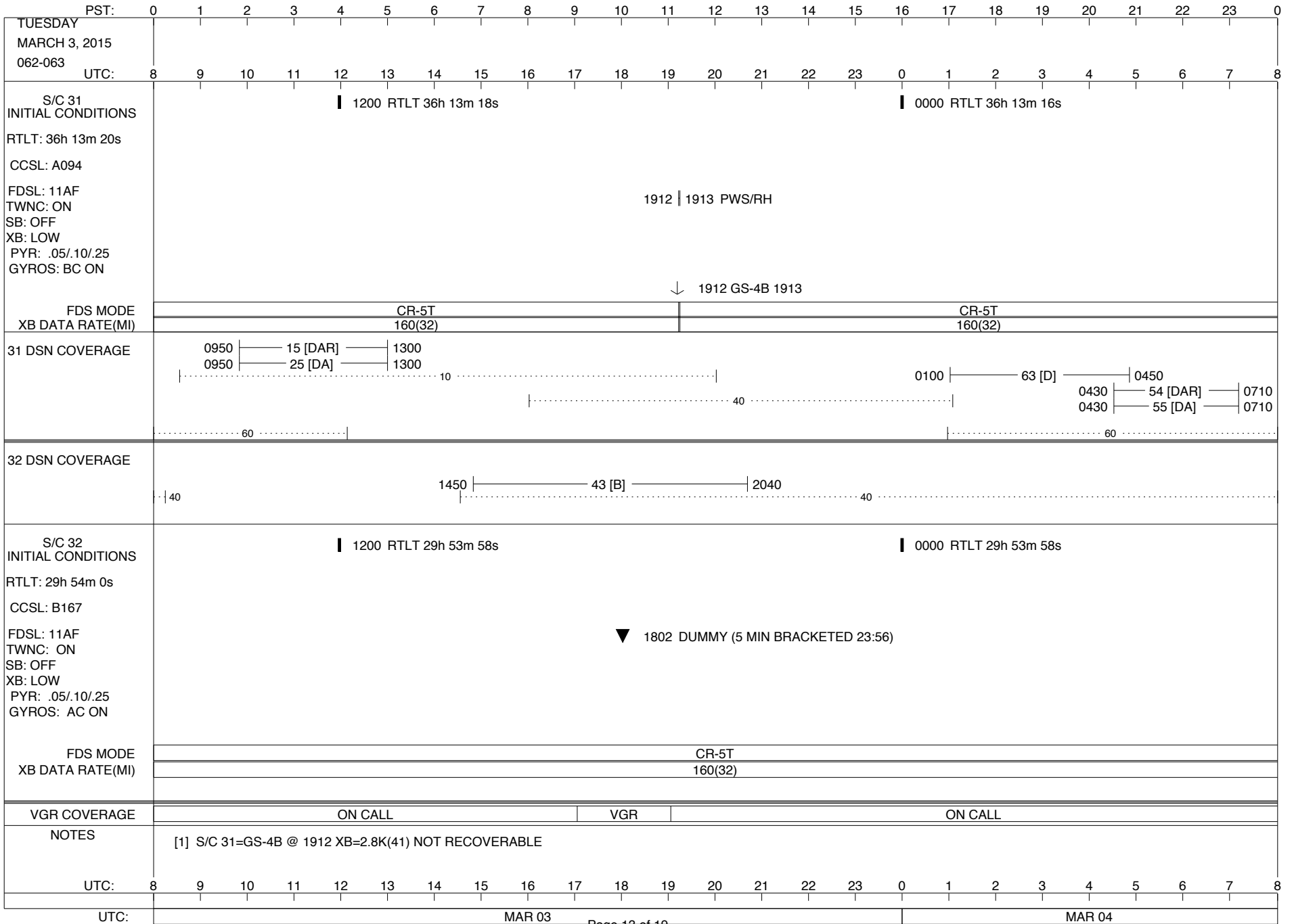
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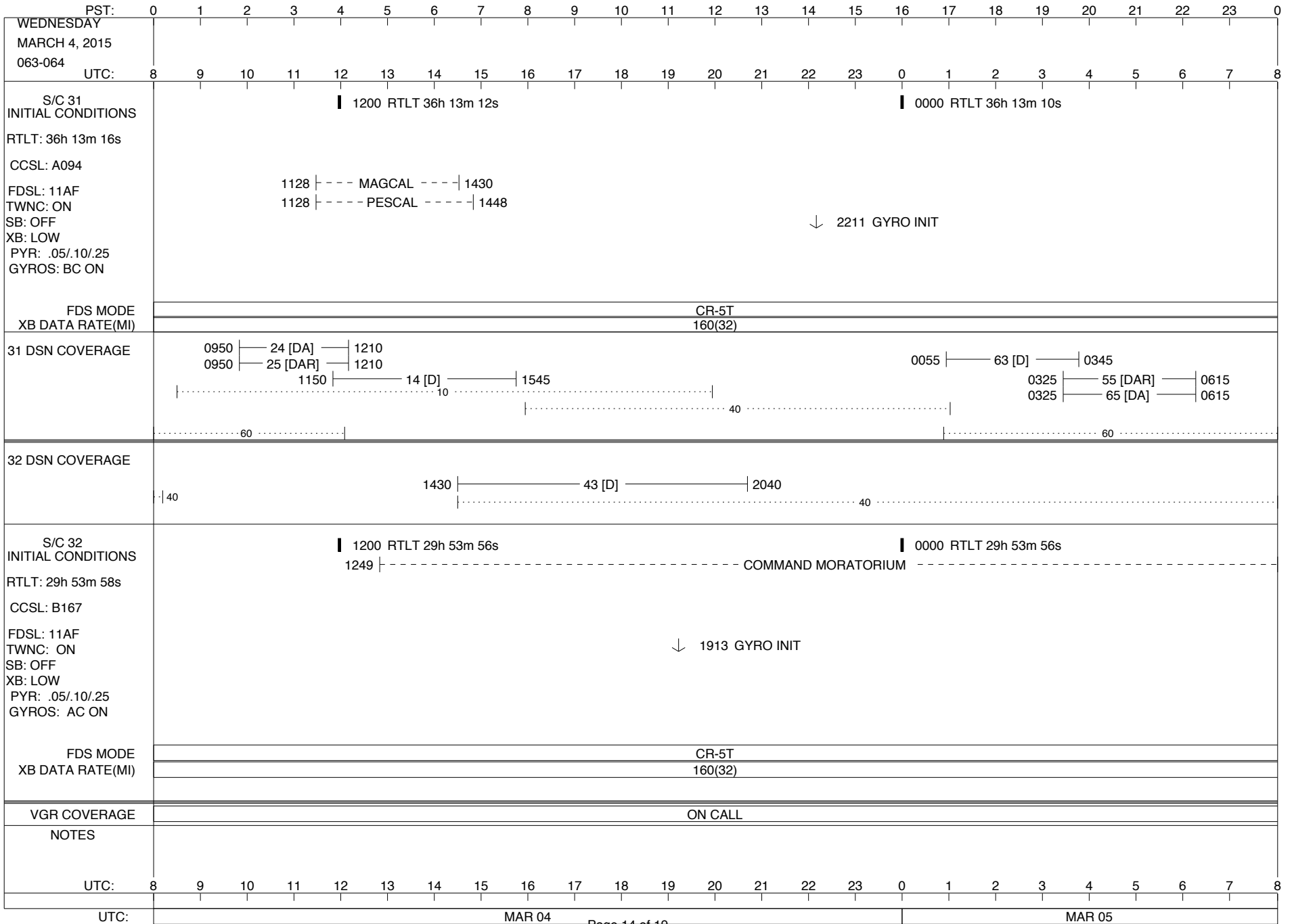
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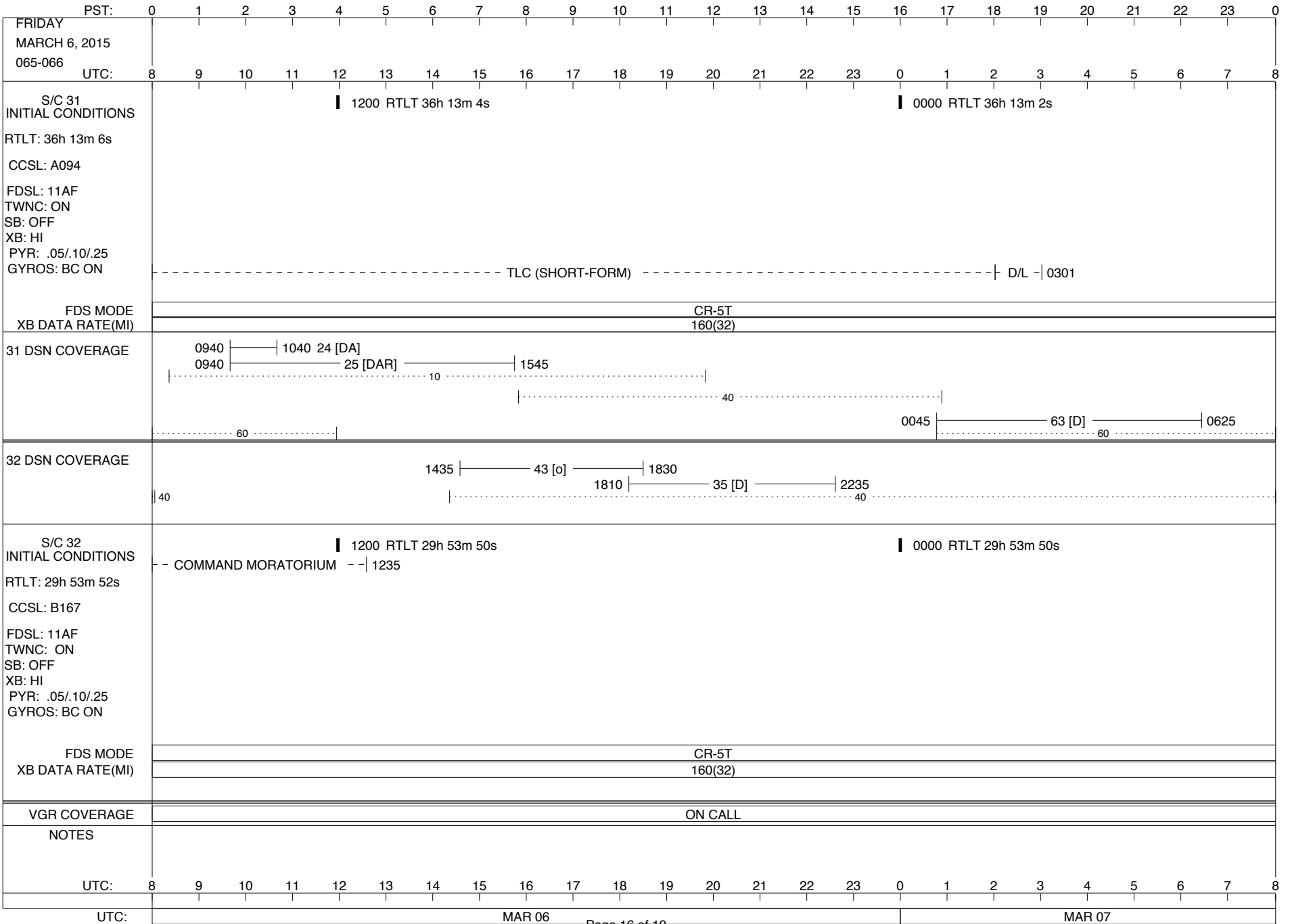
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PST:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
SATURDAY MARCH 7, 2015 066-067	UTC: 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 36h 13m 2s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	█ 1200 RTLT 36h 13m 0s												█ 0000 RTLT 36h 12m 58s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	<p>Timeline for 31 DSN COVERAGE: 14 [D] 0820-1045, 1035, 24 [D] 1500, 10, 40, 0045, 63 [D] 0630, 60.</p>																								
32 DSN COVERAGE	<p>Timeline for 32 DSN COVERAGE: 40, 1800, 34 [D] 2200, 40.</p>																								
S/C 32 INITIAL CONDITIONS RTLT: 29h 53m 50s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	█ 1200 RTLT 29h 53m 48s												█ 0000 RTLT 29h 53m 46s												
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 @ 0425 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 07												MAR 08												

ISSUE DATE: 02/19/15 10:34

PST: 0 1 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2	
SUNDAY MARCH 8, 2015 067-068	
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	
S/C 31 INITIAL CONDITIONS RTLT: 36h 12m 58s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	<div style="display: flex; justify-content: space-between;"> 1200 RTLT 36h 12m 56s 0000 RTLT 36h 12m 54s </div>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
31 DSN COVERAGE	<p>0935 1035 24 [DA] 1730 14 [DA] 0830 </p> <p>0935 25 [DAR] 10 40 10</p> <p>0300 55 [D] 60 0710</p> <p>60</p>
32 DSN COVERAGE	<p>1430 43 [o] 2045 2025 34 [D] 2310 40</p>
S/C 32 INITIAL CONDITIONS RTLT: 29h 53m 46s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	<div style="display: flex; justify-content: space-between;"> 1200 RTLT 29h 53m 44s 0000 RTLT 29h 53m 44s </div>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
VGR COVERAGE	ON CALL
NOTES	[1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0743-1552)
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	
UTC: MAR 08 Page 18 of 19 MAR 09	

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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 9, 2015 068-069																								
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 RTLT: 36h 12m 54s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	<p style="text-align: center;">█ 1200 RTLT 36h 12m 50s</p> <p style="text-align: center;">↓ 0953 AAI</p> <p>0954 ----- MAGROL ----- 1552</p> <p style="text-align: right;">↓ 1545 RAI ↓ 1552 GYROS OFF ↓ 1552 CRU ↓ 1607 X/B LOW POWER ↓ 1611 BAY 1 HTR ON</p>																							
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)											
31 DSN COVERAGE	<p style="text-align: center;">14 [DA] ----- 1630 24 [DA] ----- 0925 - 1555 25 [DAR] ----- 0925 - 1555</p> <p style="text-align: center;">..... 10</p> <p style="text-align: center;">..... 60</p>																							
32 DSN COVERAGE	<p style="text-align: center;">1410 ----- 43 [D] ----- 1625</p> <p style="text-align: center;">1940 ----- 34 [D] ----- 2215</p>																							
S/C 32 INITIAL CONDITIONS RTLT: 29h 53m 44s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	<p style="text-align: center;">█ 1200 RTLT 29h 53m 42s</p> <p style="text-align: center;">↓ 1809 GYRO INIT</p>																							
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)											
VGR COVERAGE	VGR												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 09												MAR 10											