

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: February 16, 2011

For the Period: 02/17/2011 to 03/07/2011 (11-048 – 11-066)

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SCIENCE

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OTHER

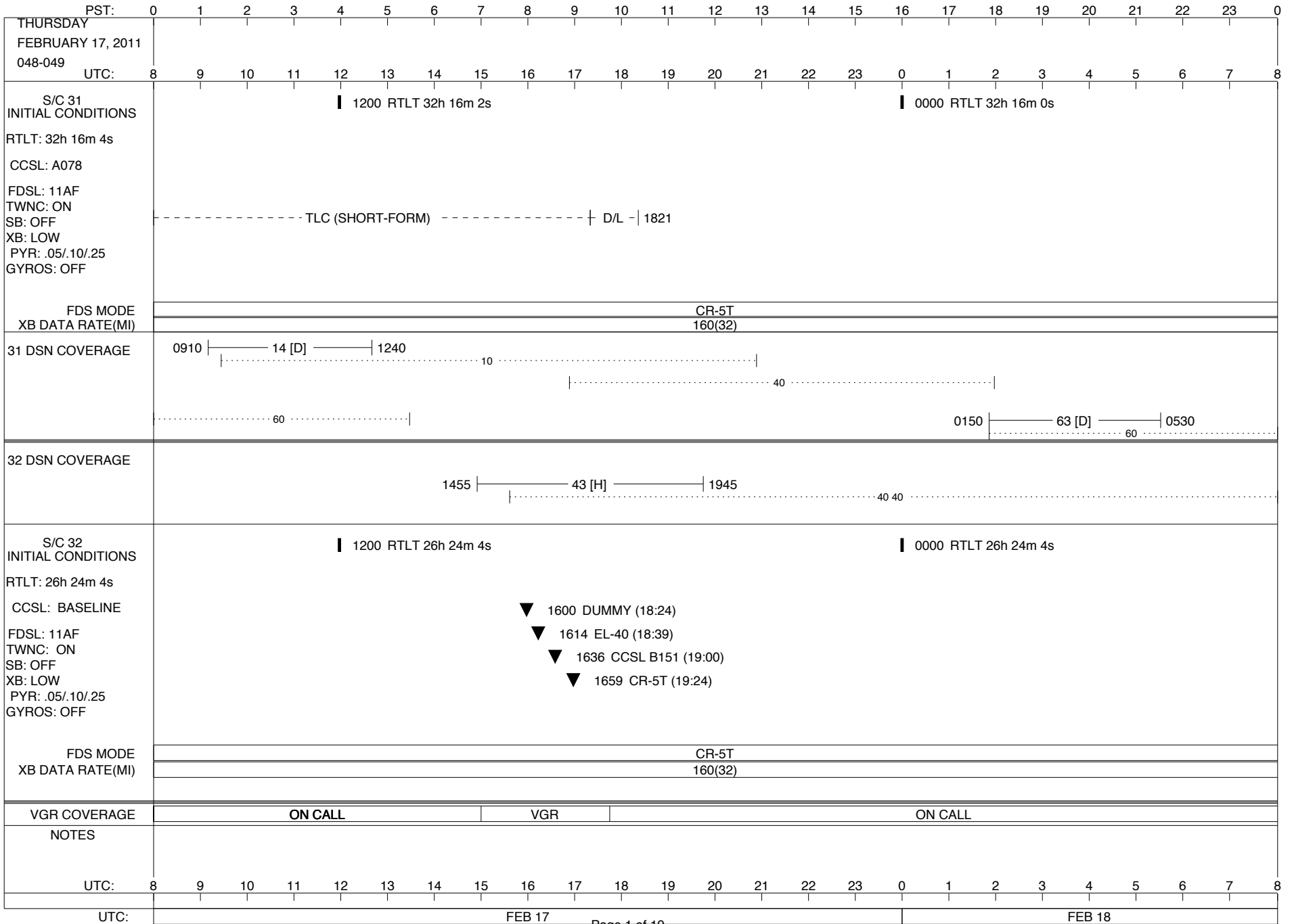
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 * Belinda.Arroyo@jpl.nasa.gov
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LEGEND:

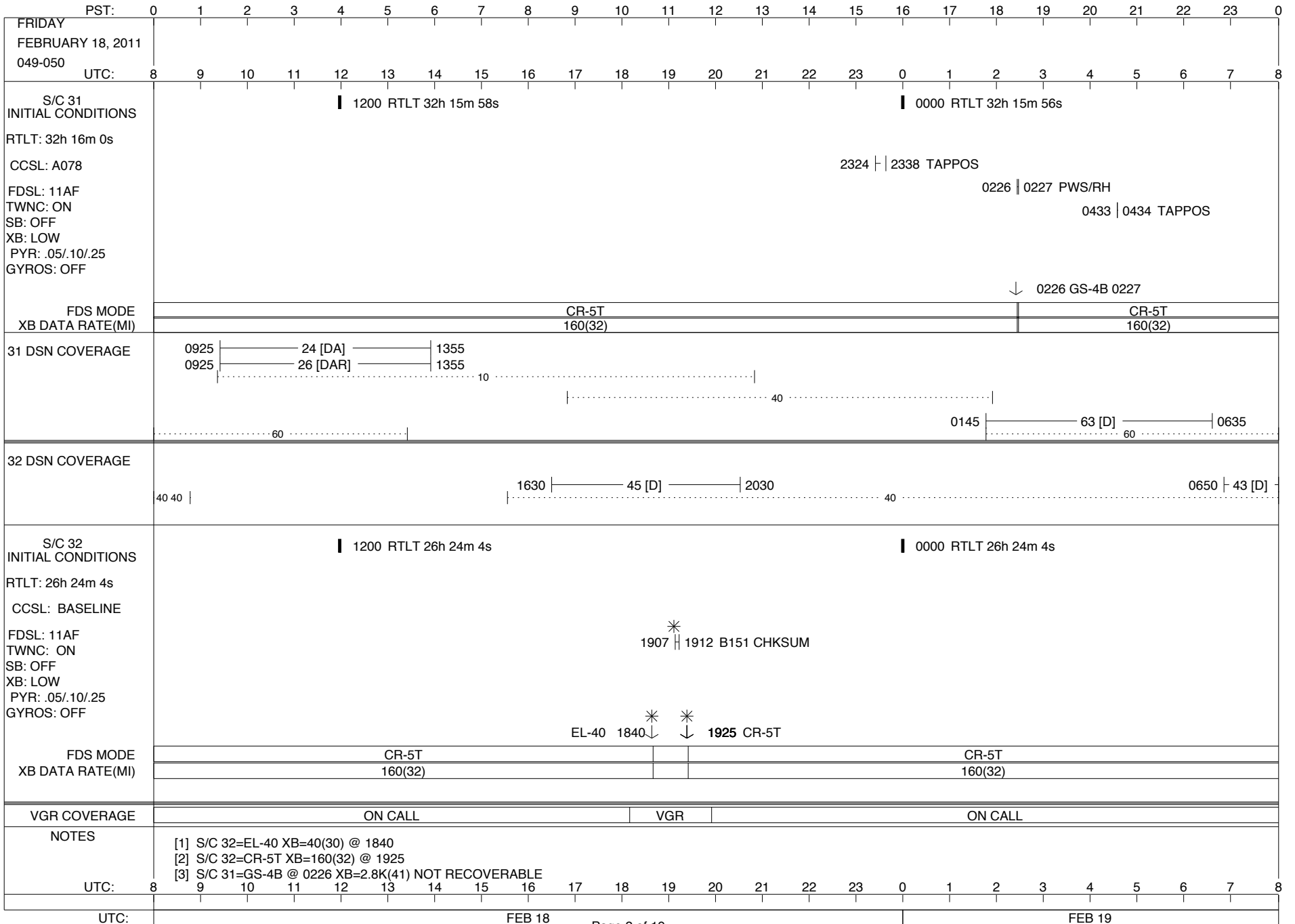
▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = 7-Point BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink only pass
 [o] = Ramp-through

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

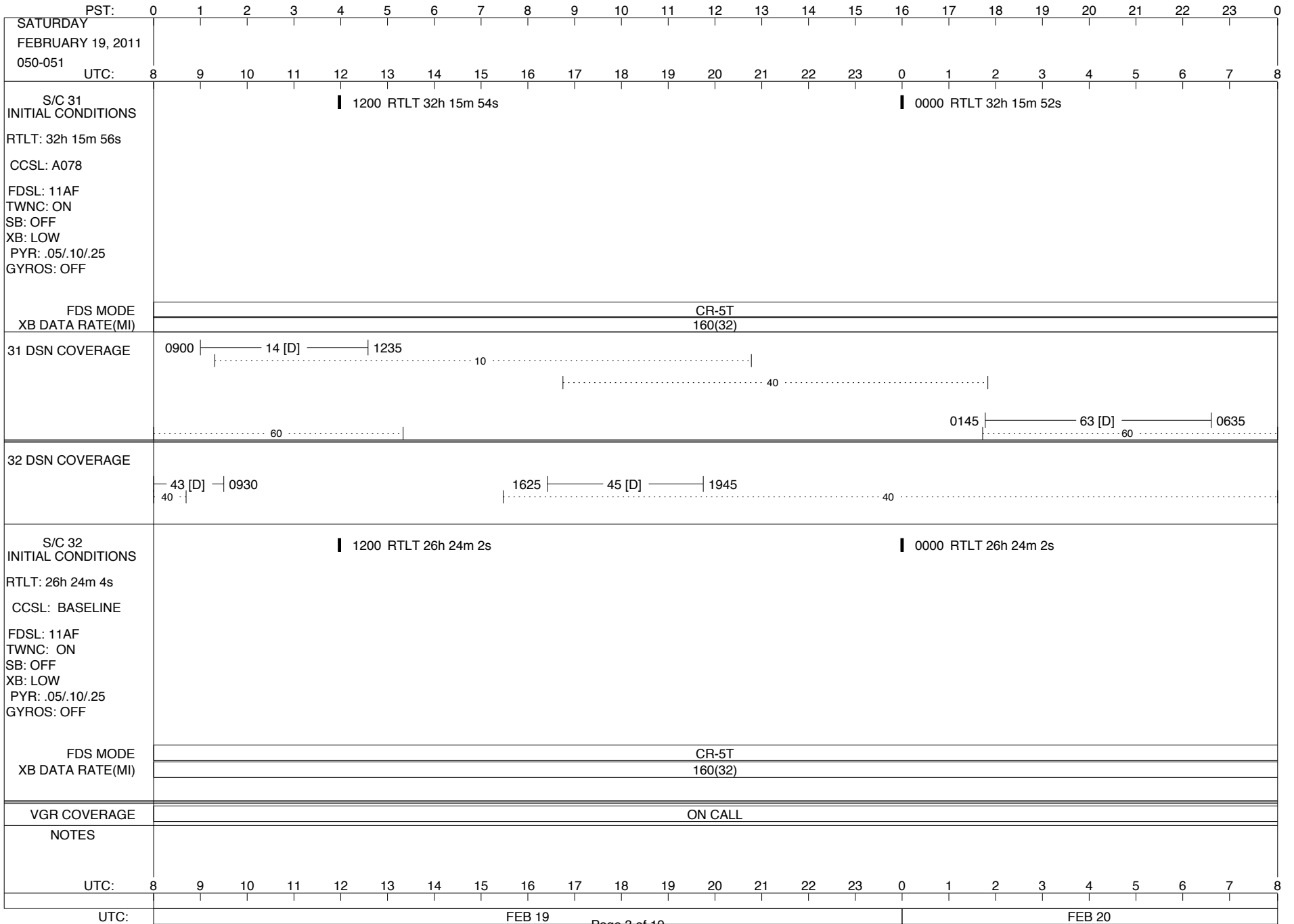
ISSUE DATE: 02/24/11 15:34



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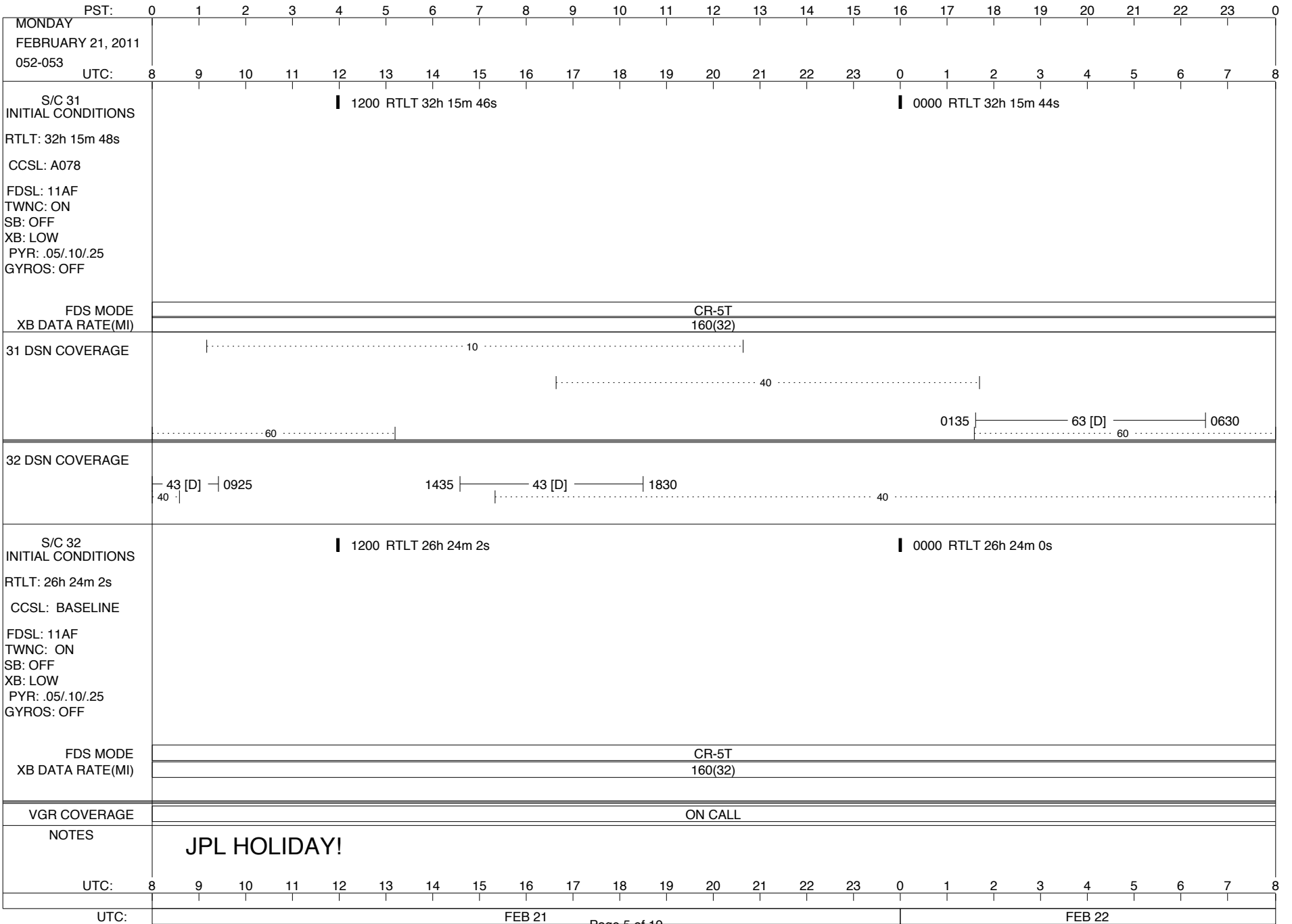
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ISSUE DATE: 02/24/11 15:34

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S/C 31 INITIAL CONDITIONS RTLTL: 32h 15m 52s CCSL: A078 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 32h 15m 50s												█ 0000 RTLTL 32h 15m 48s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	0855 ----- 14 [D] ----- 1230 ----- 10 ----- ----- 40 -----												0120 ----- 65 [DAR] ----- 0635 0120 ----- 54 [DA] ----- 0635 ----- 60 -----												
32 DSN COVERAGE	40 ----- 1450 ----- 43 [o] ----- 1850 ----- 40 -----												0650 ----- 43 [D] -----												
S/C 32 INITIAL CONDITIONS RTLTL: 26h 24m 2s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 26h 24m 2s												█ 0000 RTLTL 26h 24m 2s												
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:	FEB 20												FEB 21												

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TUESDAY																													
FEBRUARY 22, 2011																													
053-054																													
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S/C 31 INITIAL CONDITIONS		1200 RTLT 32h 15m 42s														0000 RTLT 32h 15m 40s													
RTLT: 32h 15m 44s																													
CCSL: A078																													
FDSL: 11AF																													
TWNC: ON																													
SB: OFF																													
XB: LOW																													
PYR: .05/.10/.25																													
GYROS: OFF																													
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		1200 RTLT 26h 24m 0s														0000 RTLT 26h 24m 0s													
RTLT: 26h 24m 0s																													
CCSL: BASELINE																													
FDSL: 11AF																													
TWNC: ON																													
SB: OFF																													
XB: LOW																													
PYR: .05/.10/.25																													
GYROS: OFF																													
FDS MODE		CR-5T																											
XB DATA RATE(MI)		160(32)																											
VGR COVERAGE		ON CALL							VGR							ON CALL													
NOTES		<p>[1] B151 BACKUP U/L TRACK</p> <p>[2] S/C 31=GS-4B @ 2002 XB=2.8K(41) NOT RECOVERABLE</p>																											
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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: 32h 15m 40s CCSL: A078 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 32h 15m 38s												█ 0000 RTLTL 32h 15m 36s																						
----- TLC (SHORT-FORM cancelled, red transmitter) -----																																			
FDS MODE														CR-5T																					
XB DATA RATE(MI)														160(32)																					
31 DSN COVERAGE	0845	----- 14 [D] -----										1155																							
		----- 10 -----											----- 40 -----																						
		----- 60 -----																																	
32 DSN COVERAGE																																			
	40	----- 1425 -----											----- 43 [D] -----										2040	----- 40 -----											
		----- 60 -----																																	
S/C 32 INITIAL CONDITIONS RTLTL: 26h 24m 0s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 26h 23m 58s												█ 0000 RTLTL 26h 23m 58s																						
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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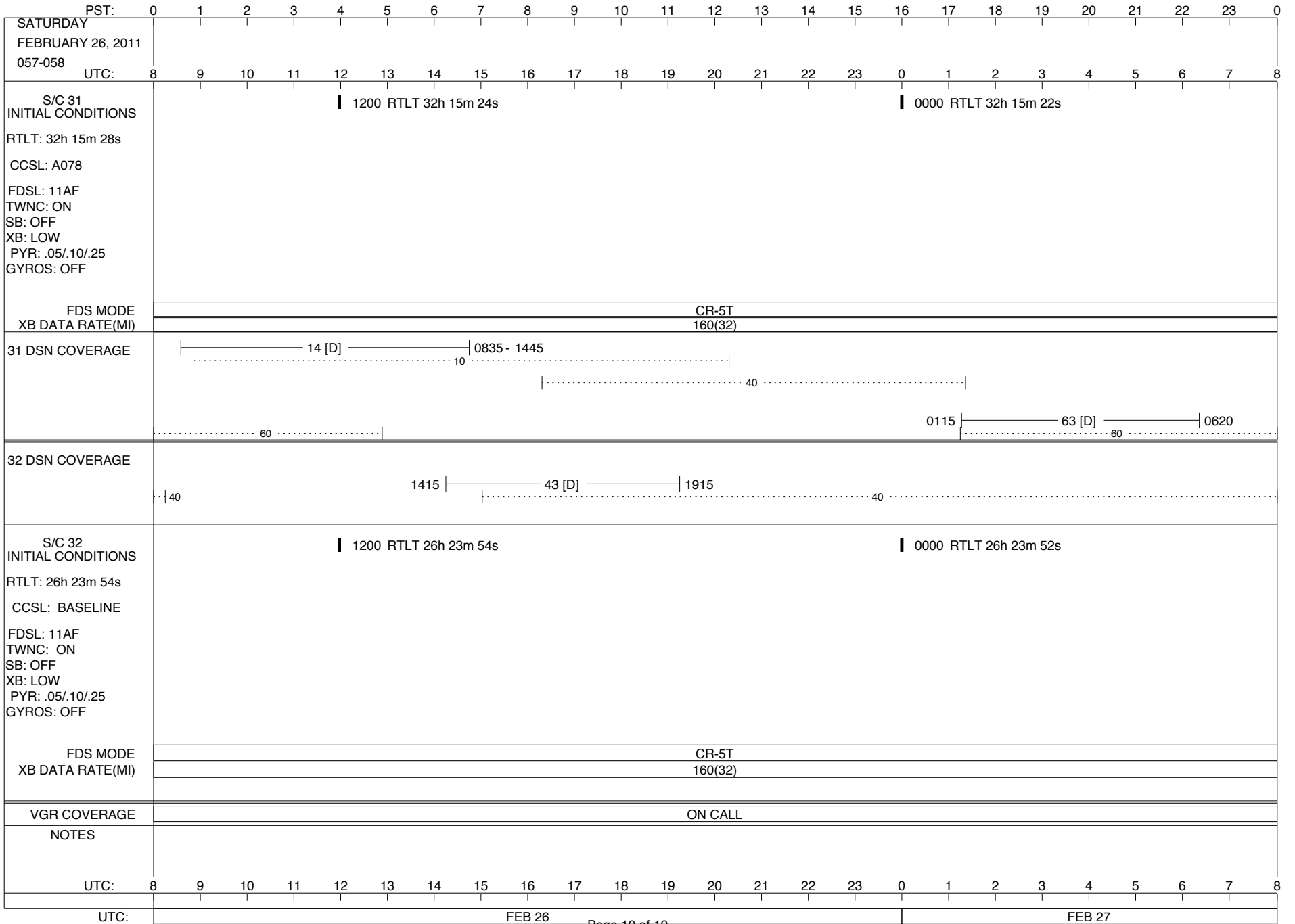
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THURSDAY FEBRUARY 24, 2011 055-056	
UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8	
S/C 31 INITIAL CONDITIONS RTLT: 32h 15m 36s CCSL: A078 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 32h 15m 34s</p> <p>0000 RTLT 32h 15m 32s</p> <p>TLC (SHORT-FORM cancelled, red transmitter) D/L - 1154</p> <p>1330 DUMMY (21:16)</p>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
31 DSN COVERAGE	<p>1010 ----- 14 ----- 1355</p> <p>..... ----- 10 ----- </p> <p>..... ----- 40 ----- </p> <p>..... ----- 60 ----- </p> <p>0125 ----- 65 [DAR] ----- 0505</p> <p>0125 ----- 55 [DA] ----- 0505</p> <p>..... ----- 60 ----- </p>
32 DSN COVERAGE	<p>..... 40 ----- </p> <p>1420 ----- 43 [D] ----- 1625</p> <p>..... 1610 ----- 45 [D] ----- 1910</p> <p>..... ----- 40 ----- </p>
S/C 32 INITIAL CONDITIONS RTLT: 26h 23m 58s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 26h 23m 58s</p> <p>0000 RTLT 26h 23m 56s</p>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
VGR COVERAGE	ON CALL VGR 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: FEB 24 Page 8 of 19 FEB 25	

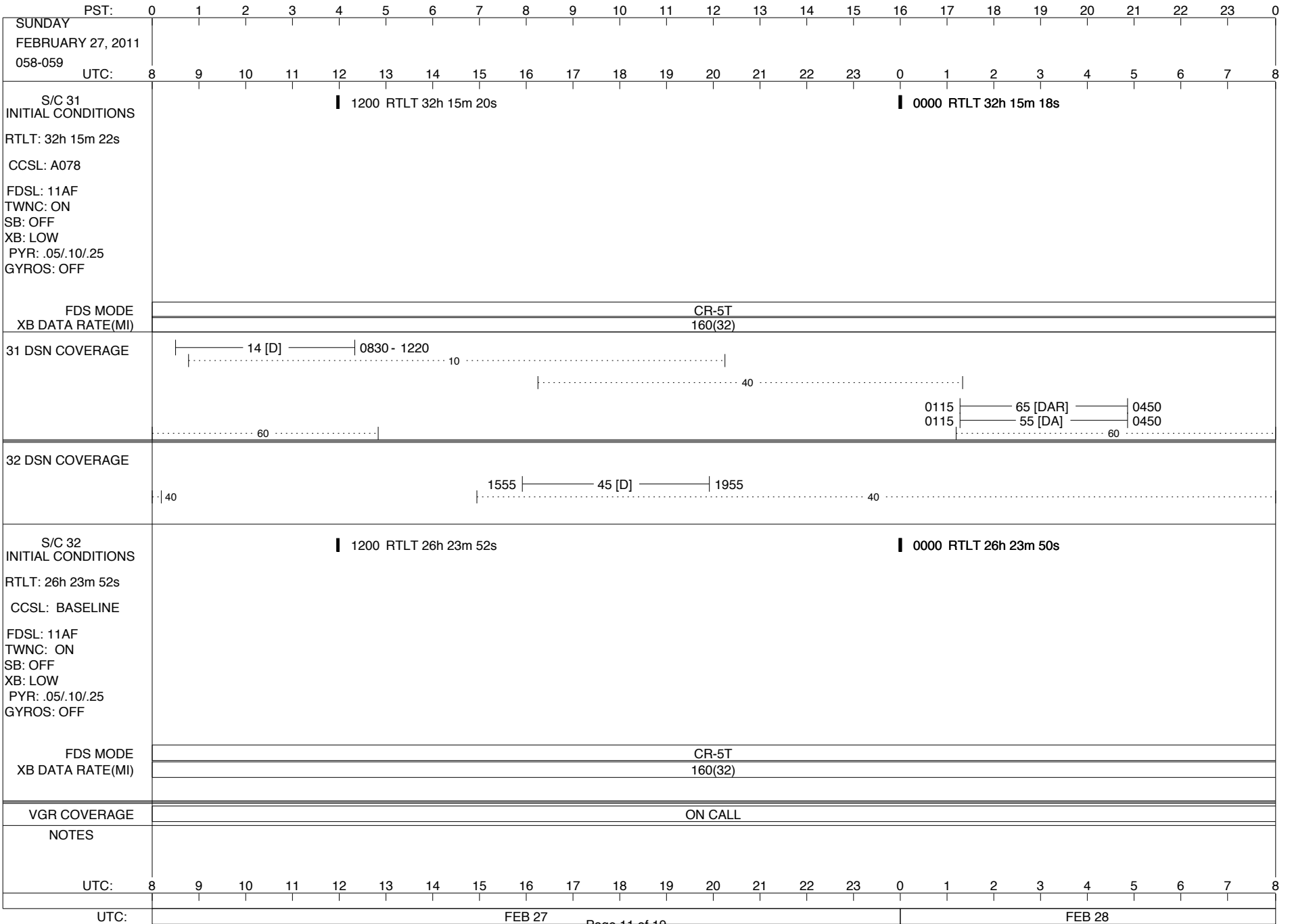
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S/C 31 INITIAL CONDITIONS	█ 1200 RTLT 32h 15m 30s												█ 0000 RTLT 32h 15m 28s													
RTLT: 32h 15m 32s																										
CCSL: A078													2300 2314 TAPPOS													
FDSL: 11AF													0202 0203 PWS/RH													
TWNC: ON													0409 0410 TAPPOS													
SB: OFF																										
XB: LOW																										
PYR: .05/.10/.25																										
GYROS: OFF																										
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	1130 14 [D] 1445												0120 63 [D] 0635													
32 DSN COVERAGE	1415 43 [D] 1830																									
S/C 32 INITIAL CONDITIONS	█ 1200 RTLT 26h 23m 56s												█ 0000 RTLT 26h 23m 54s													
RTLT: 26h 23m 56s																										
CCSL: BASELINE																										
FDSL: 11AF																										
TWNC: ON																										
SB: OFF																										
XB: LOW																										
PYR: .05/.10/.25																										
GYROS: OFF																										
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 @ 0202 XB=2.8K(41) NOT RECOVERABLE																									
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UTC:	FEB 25												FEB 26													

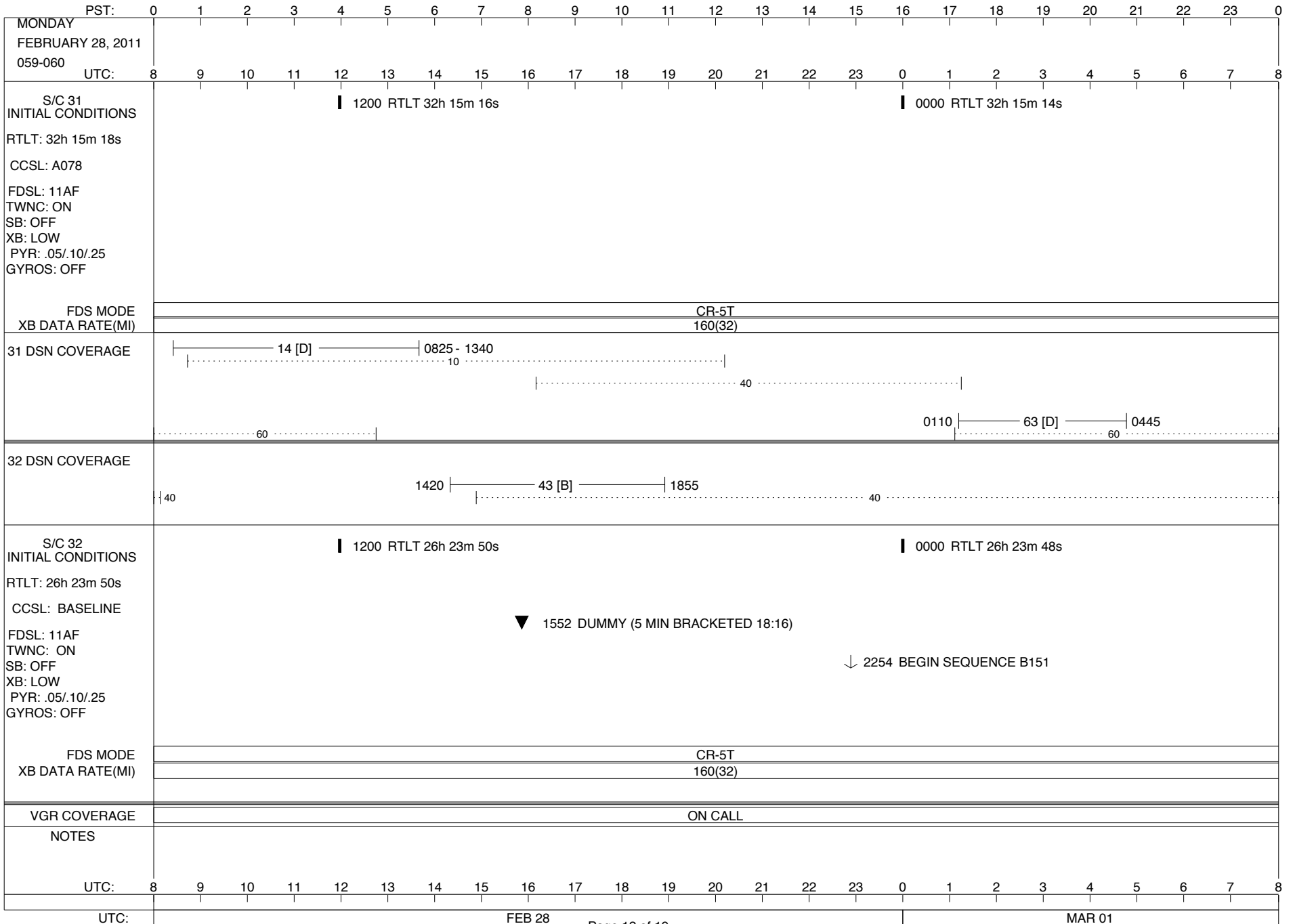
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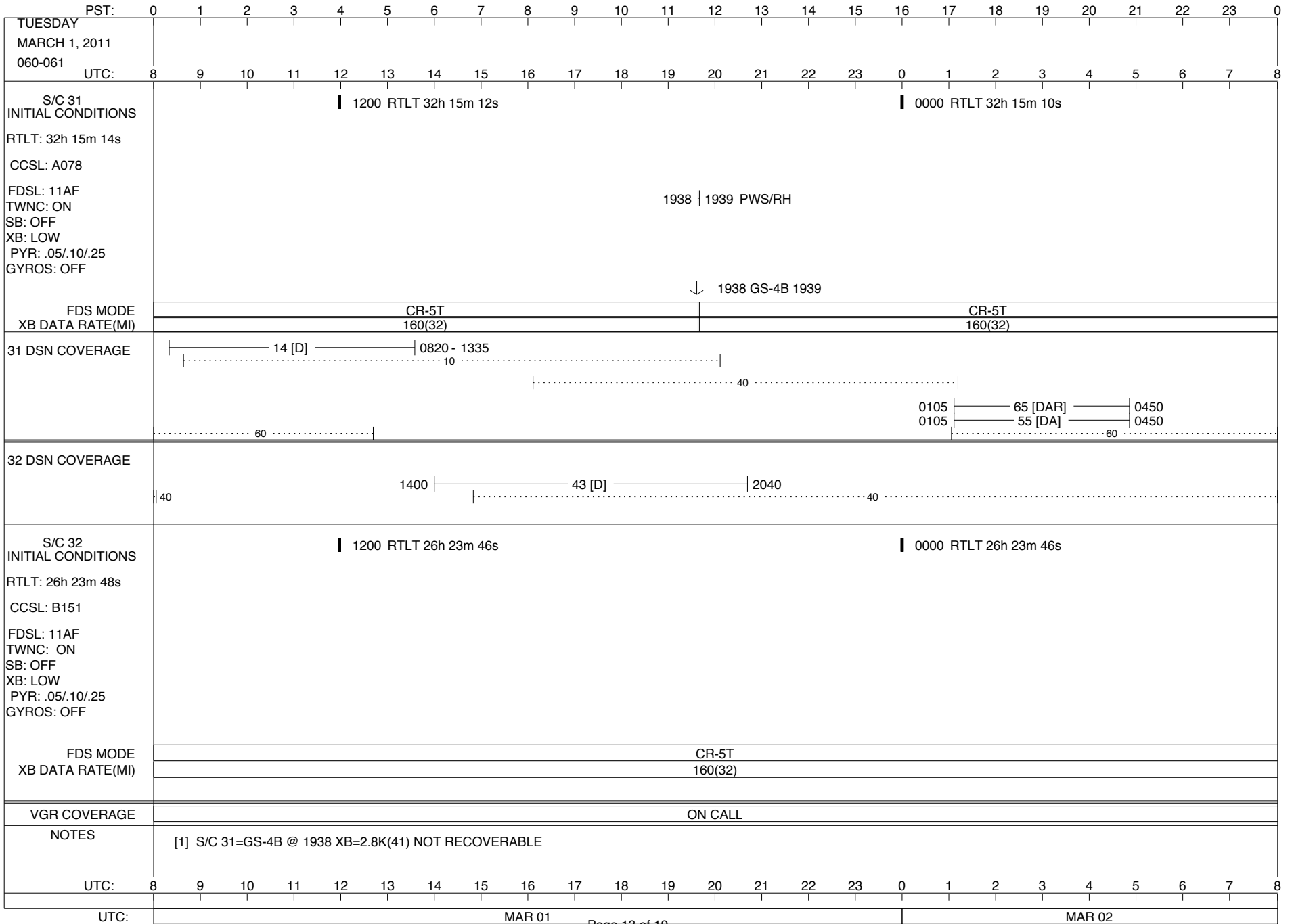
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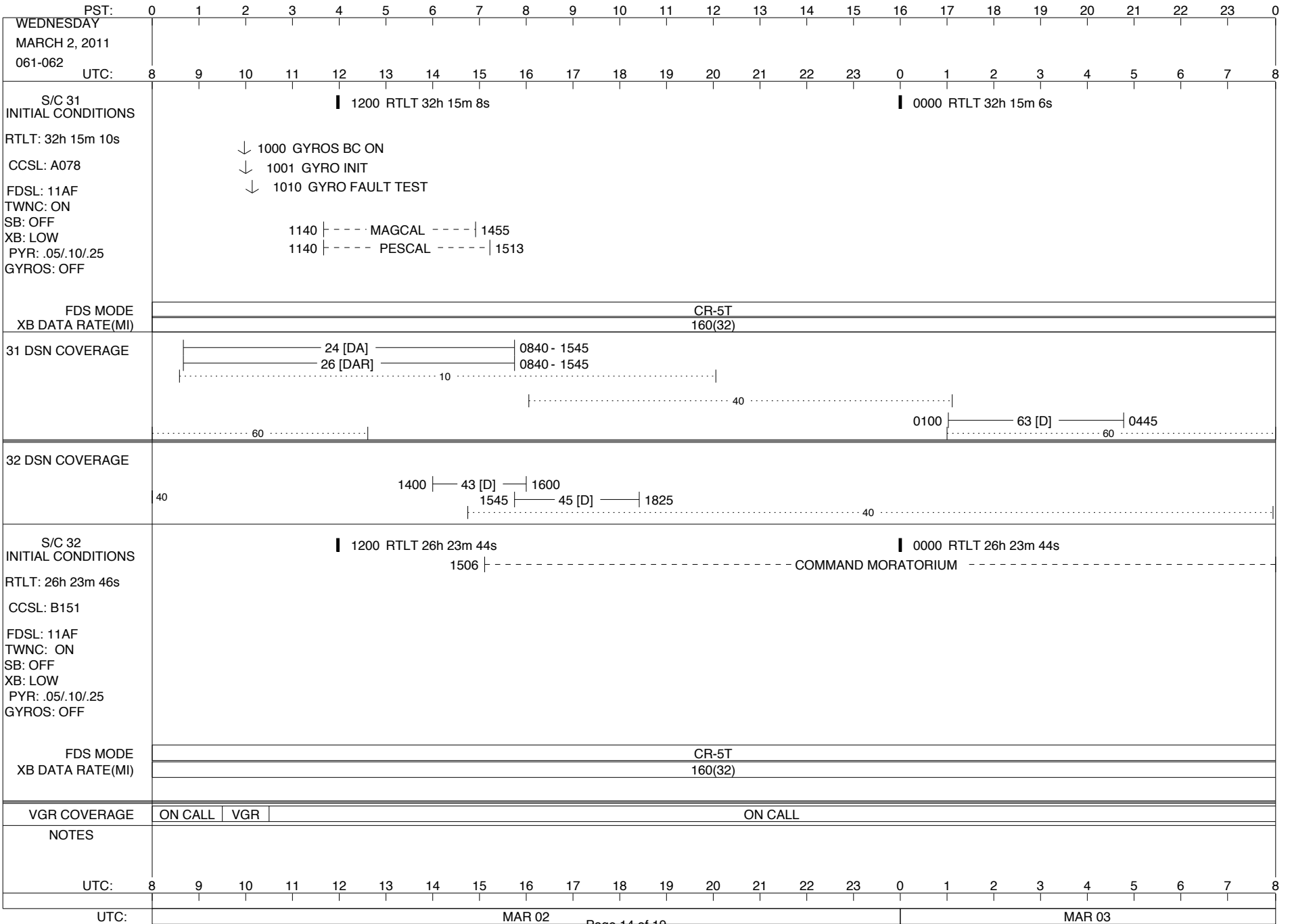


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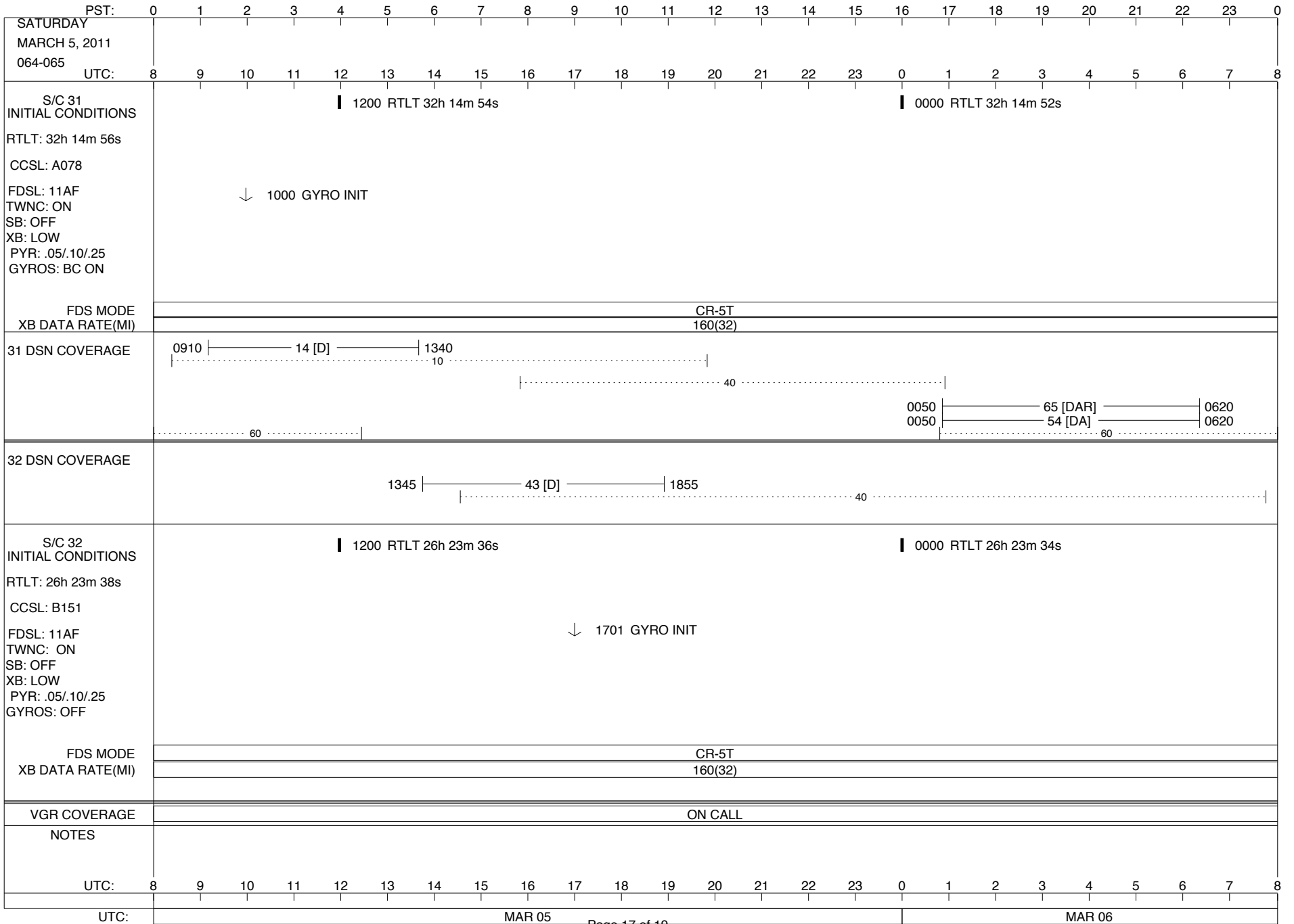


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S/C 31 INITIAL CONDITIONS RTLTL: 32h 15m 6s CCSL: A078 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 32h 15m 4s												0000 RTLTL 32h 15m 2s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	25 [DAR] 0835 - 1330 26 [DA] 0835 - 1330 10 40 0055 54 [DA] 0610 0055 55 [DAR] 0610 60																								
32 DSN COVERAGE	1415 43 [D] 1845 40																								
S/C 32 INITIAL CONDITIONS RTLTL: 26h 23m 44s CCSL: B151 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 26h 23m 42s												0000 RTLTL 26h 23m 40s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL												VGR ON CALL												
NOTES	----- COMMAND MORATORIUM ----- ↓ 1700 GYROS AC ON ↓ 1701 GYRO INIT ↓ 1710 GYRO FAULT TEST																								
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 03												MAR 04												

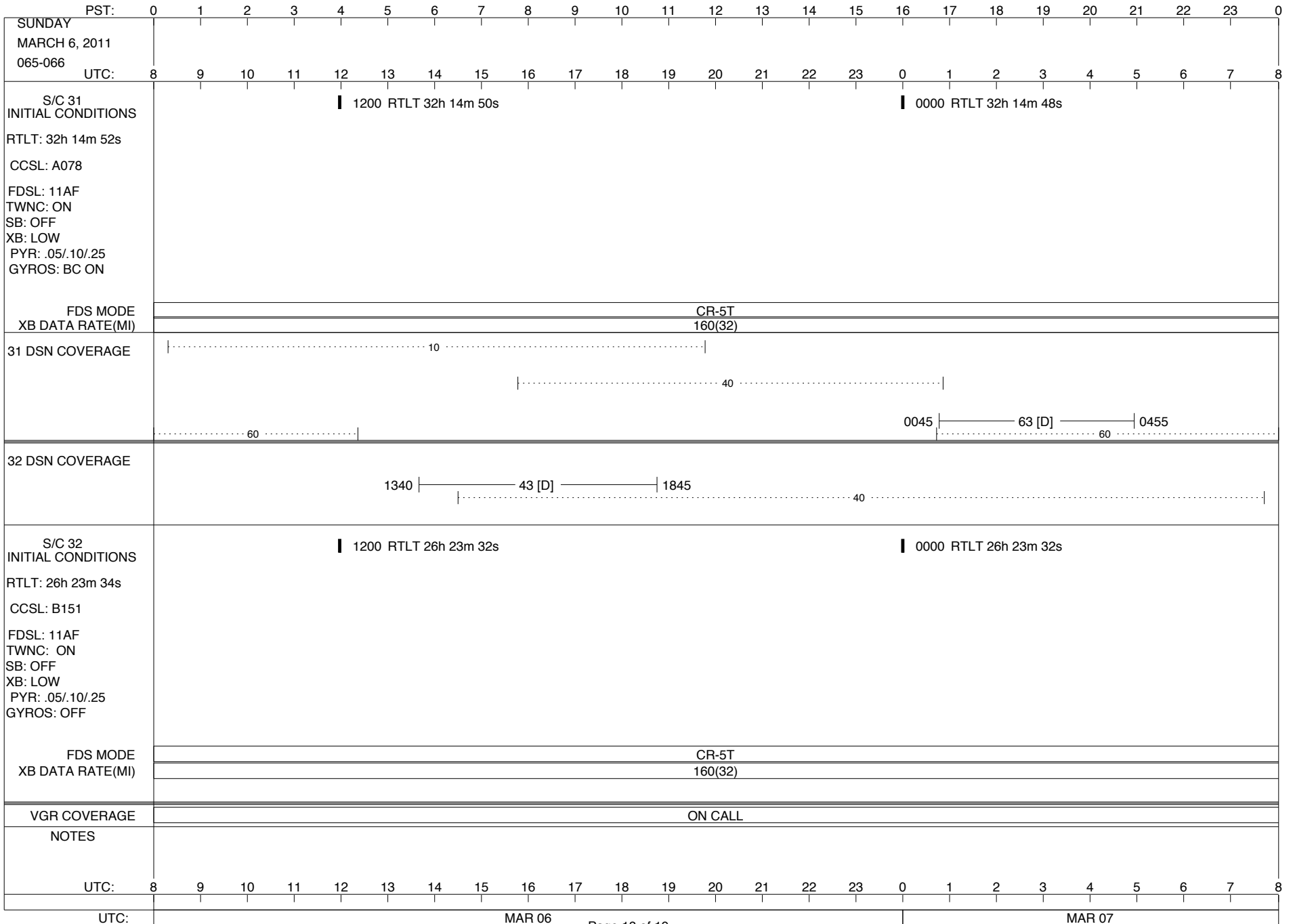
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FRIDAY MARCH 4, 2011 063-064			
UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8			
S/C 31 INITIAL CONDITIONS RTLT: 32h 15m 2s CCSL: A078 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	<p>1200 RTLT 32h 14m 58s</p> <p>0000 RTLT 32h 14m 56s</p> <p>2235 2250 TAPPOS</p> <p>0137 0138 PWS/RH</p> <p>0345 0345 TAPPOS</p> <p>↓ 0137 GS-4B 0138</p>		
FDS MODE XB DATA RATE(MI)	<table border="1"> <tr> <td>CR-5T 160(32)</td> <td>CR-5T 160(32)</td> </tr> </table>	CR-5T 160(32)	CR-5T 160(32)
CR-5T 160(32)	CR-5T 160(32)		
31 DSN COVERAGE	<p>14 [D] 0810 - 1345</p> <p>10</p> <p>40</p> <p>0100 65 [DAR] 0645</p> <p>0100 55 [DA] 0645</p> <p>60</p>		
32 DSN COVERAGE	<p>1350 43 [D] 1750</p> <p>1730 45 [D] 1905</p> <p>40</p>		
S/C 32 INITIAL CONDITIONS RTLT: 26h 23m 40s CCSL: B151 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 26h 23m 38s</p> <p>0000 RTLT 26h 23m 38s</p> <p>----- COMMAND MORATORIUM ----- 1436</p>		
FDS MODE XB DATA RATE(MI)	<table border="1"> <tr> <td>CR-5T 160(32)</td> </tr> </table>	CR-5T 160(32)	
CR-5T 160(32)			
VGR COVERAGE	ON CALL		
NOTES	[1] S/C 31=GS-4B @ 0137 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 Page 16 of 19 MAR 05			

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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
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S/C 31 INITIAL CONDITIONS RTLT: 32h 14m 48s CCSL: A078 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	<div style="text-align: center;"> <p>1200 RTLT 32h 14m 46s</p> </div>																								
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	<div style="text-align: center;"> <p>25 [DA] 0820 - 1310 26 [DAR] 0820 - 1310 10</p> </div>																								
32 DSN COVERAGE	<div style="text-align: center;"> <p>1335 43 [D] 1605 1545 45 [D] 1850 60</p> </div>																								
S/C 32 INITIAL CONDITIONS RTLT: 26h 23m 32s CCSL: B151 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 26h 23m 30s</p> </div>																								
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 07												MAR 08												