

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: February 2, 2017

For the Period: 02/02/17 to 02/20/17 (17-033 – 17-051)

DSN OPSCHIEF (1) 230-102

DSOT (1) 230-102

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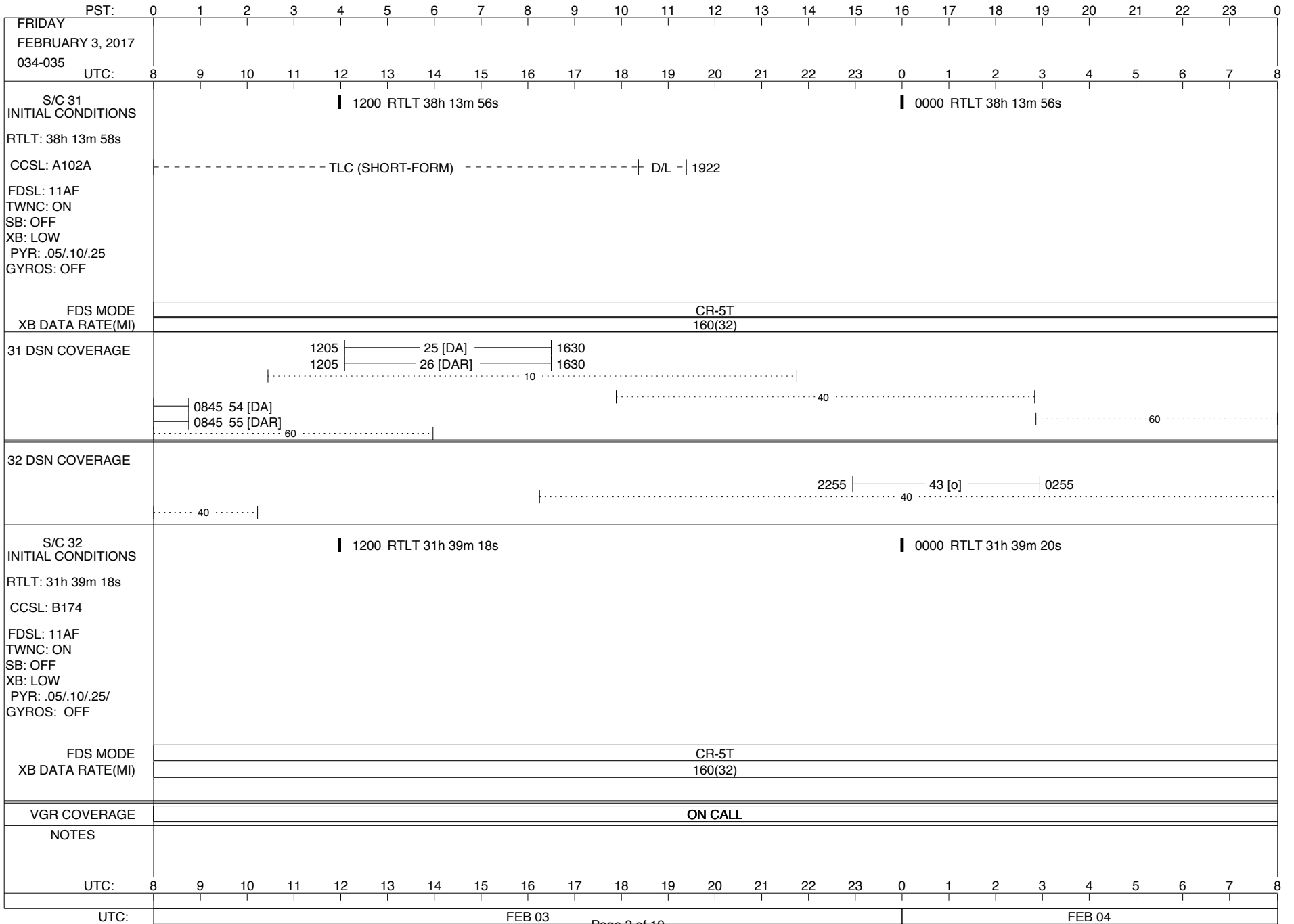
Dodd, S.
 Hall, J.
 Howard, S. (3)
 Ludwig, R. (2)
 Matsumoto, S.
 Medina
 Peralta, F.
 Weeks, T.
 Wong, R.
 Yang, L.
 Zottarelli, L.
 *odivers@san.rr.com

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

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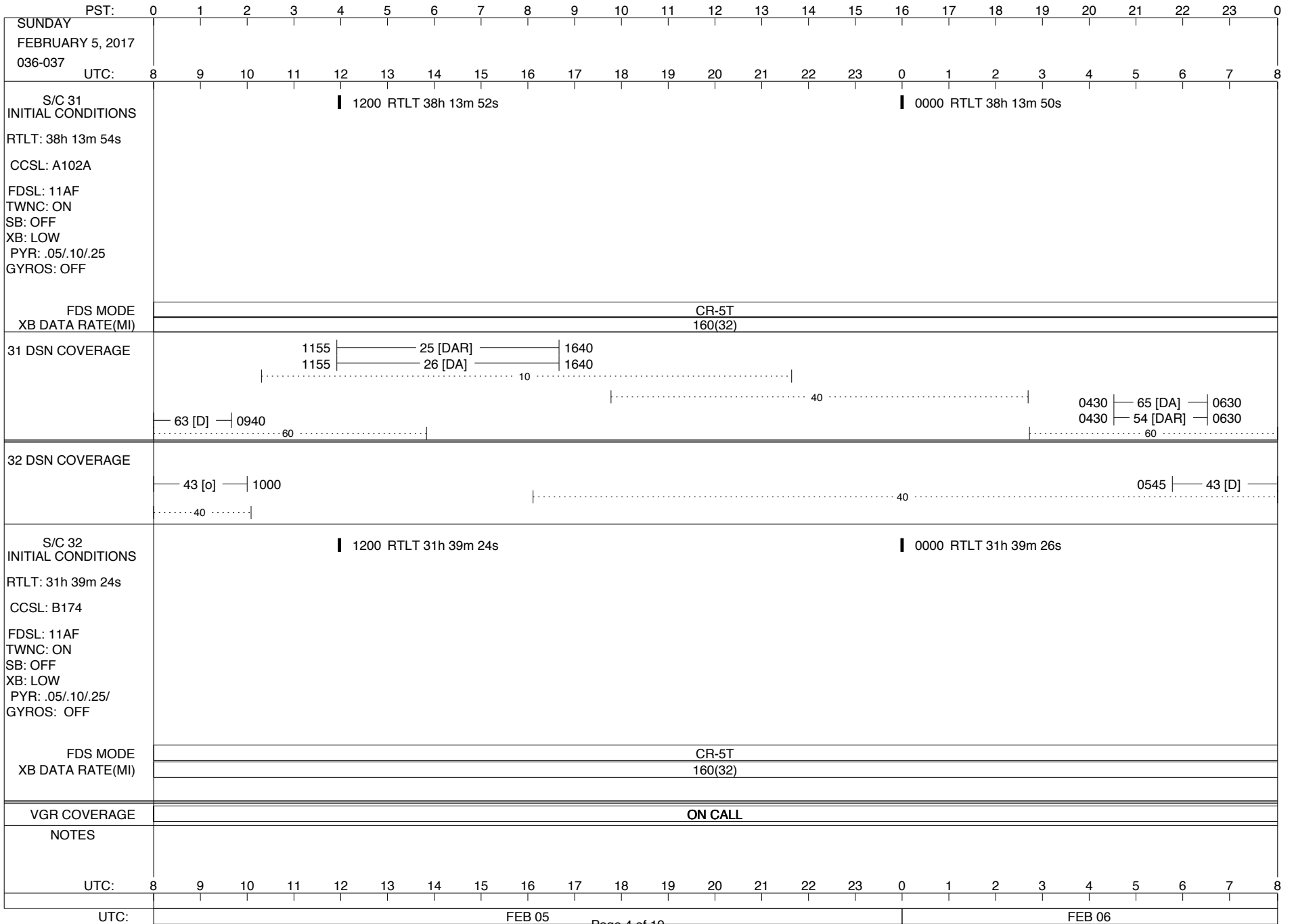
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S/C 31 INITIAL CONDITIONS RTLT: 38h 14m 0s CCSL: A102A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 38h 14m 0s														0000 RTLT 38h 13m 58s													
----- TLC (SHORT-FORM) -----																												
														0012 - 0038 TAPPOS 0315 0315 PWS/RH 0325 - 0338 TAPPOS ↓ 0313 GS-4B 0315														
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														160(32)													
31 DSN COVERAGE 10 40 60 0635 54 [DA] 0635 55 [DAR] 60																											
32 DSN COVERAGE	43 [D] 0800 - 1015 40 1650 34 [DA] 1830 1650 36 [DAR] 1830 2325 35 [D] 0330 40																											
S/C 32 INITIAL CONDITIONS RTLT: 31h 39m 14s CCSL: B174 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 31h 39m 16s														0000 RTLT 31h 39m 18s													
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 @ 0313 XB=2.8K(41) NOT RECOVERABLE																											
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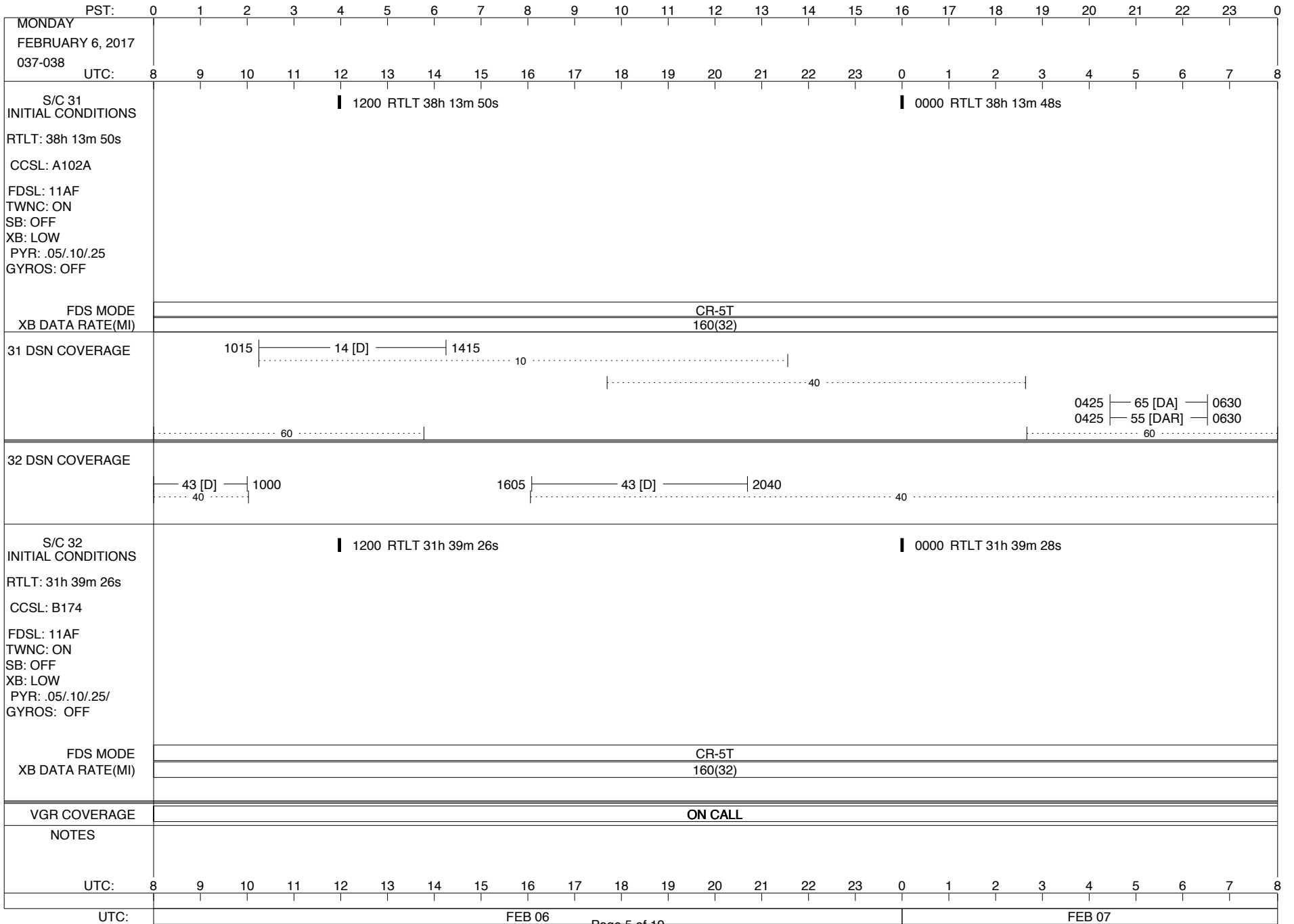
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S/C 31 INITIAL CONDITIONS RTLTL: 38h 13m 56s CCSL: A102A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 38h 13m 54s												0000 RTLTL 38h 13m 54s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1140 ----- 14 [D] ----- 1540 ----- 10 ----- ----- 40 ----- ----- 60 -----												0540 ----- 63 [D] ----- ----- 60 -----												
32 DSN COVERAGE	----- 40 -----												1640 ----- 34 [DA] ----- 2310 1640 ----- 35 [DAR] ----- 0230 ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLTL: 31h 39m 20s CCSL: B174 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 31h 39m 22s												0000 RTLTL 31h 39m 24s												
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 @ 0613 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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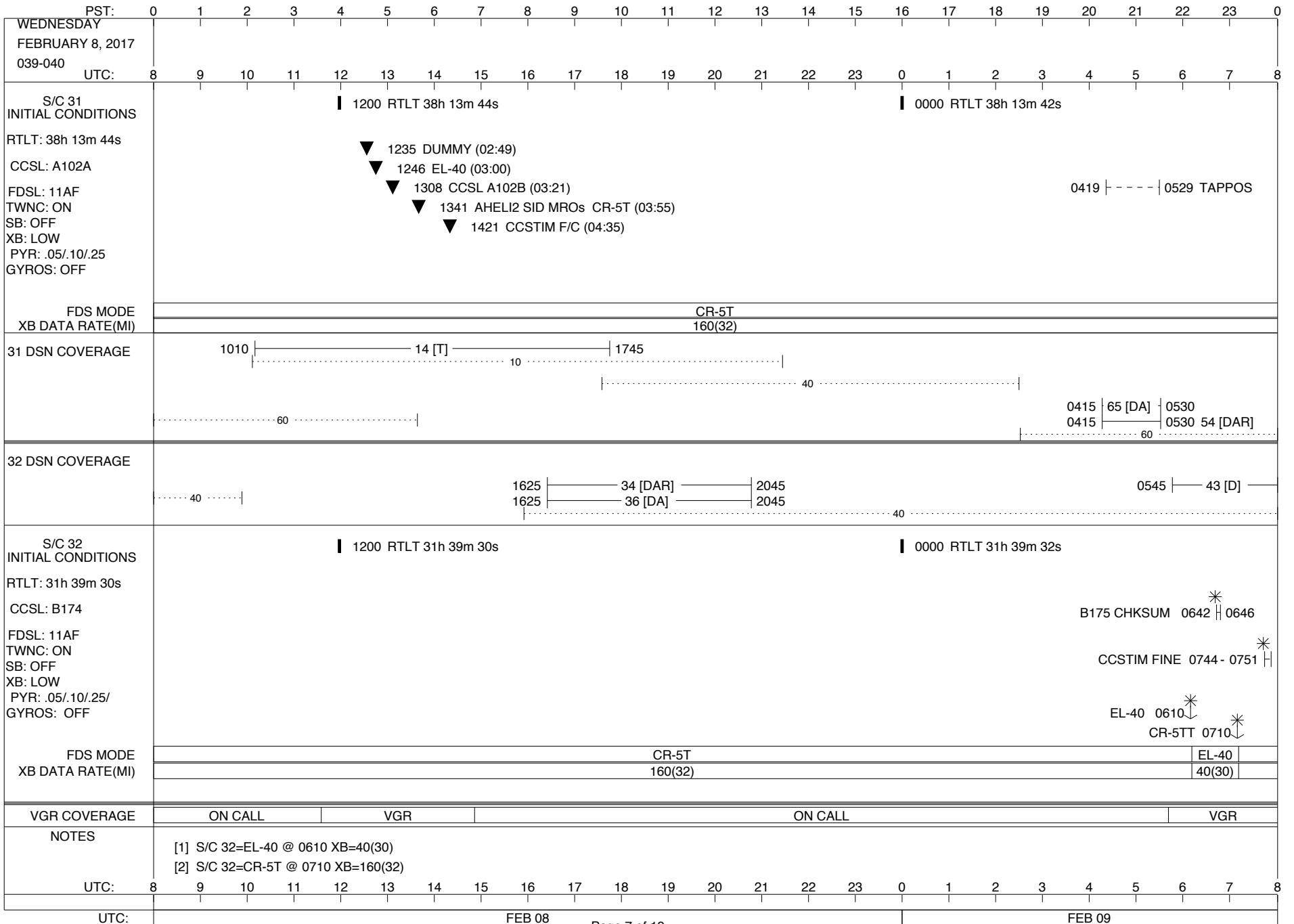
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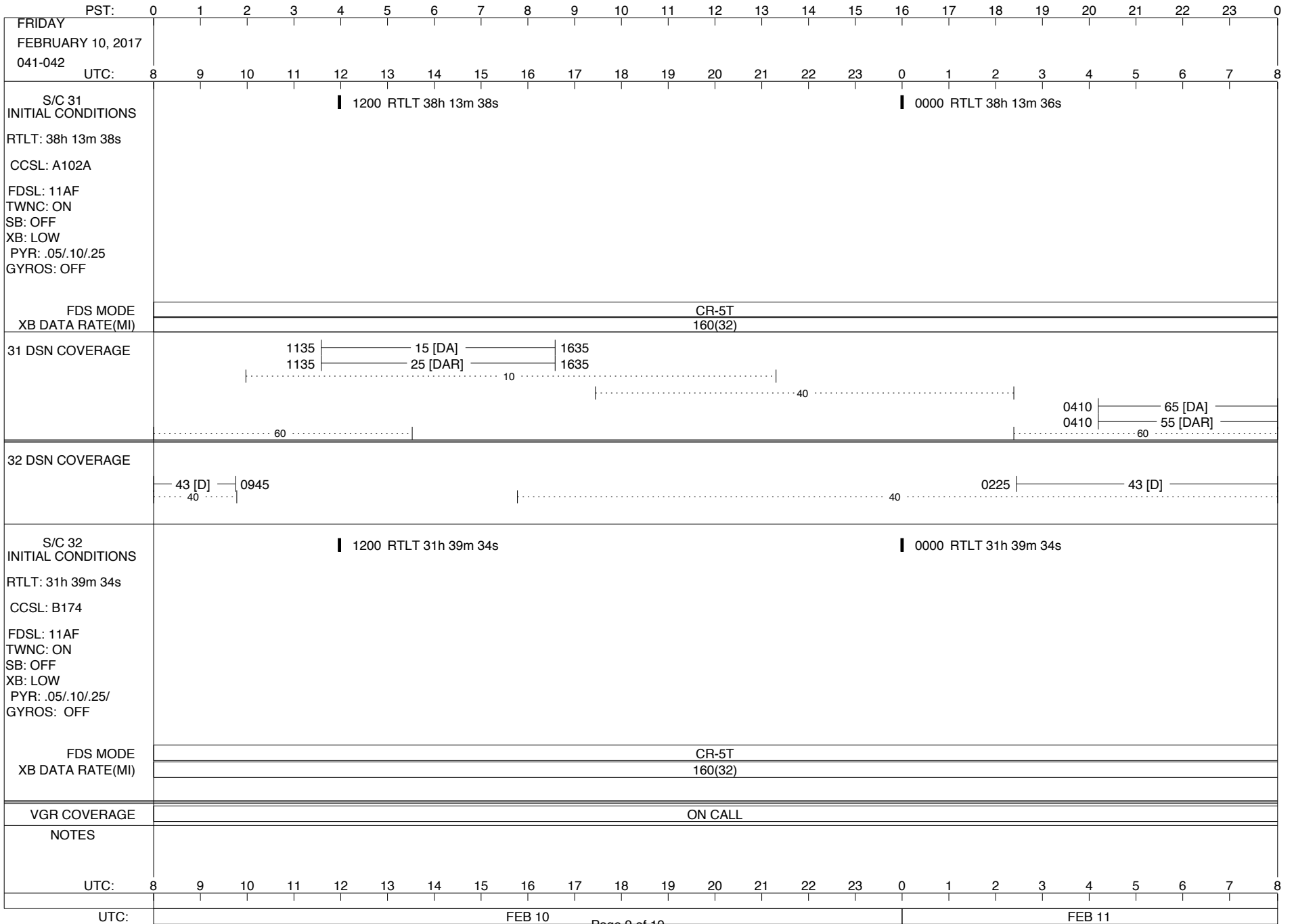
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TUESDAY																													
FEBRUARY 7, 2017																													
038-039																													
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S/C 31 INITIAL CONDITIONS		1200 RTLT 38h 13m 46s														0000 RTLT 38h 13m 44s													
RTLTL: 38h 13m 48s																													
CCSL: A102A																													
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		<p>1150 ----- 25 [DA] ----- 1700 1150 ----- 26 [DAR] ----- 1700</p> <p>..... ----- 10 ----- ----- 40 ----- ----- 60 ----- </p>																											
32 DSN COVERAGE		<p>..... ----- 40 ----- ----- 1945 ----- ----- 43 [H] ----- ----- 0410 ----- </p> <p>..... ----- 40 ----- </p>																											
S/C 32 INITIAL CONDITIONS		1200 RTLT 31h 39m 28s														0000 RTLT 31h 39m 30s													
RTLTL: 31h 39m 28s																													
CCSL: B174																													
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		[1] S/C 31=GS-4B @ 2037 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 07														FEB 08													

ISSUE DATE: 02/08/17 14:25



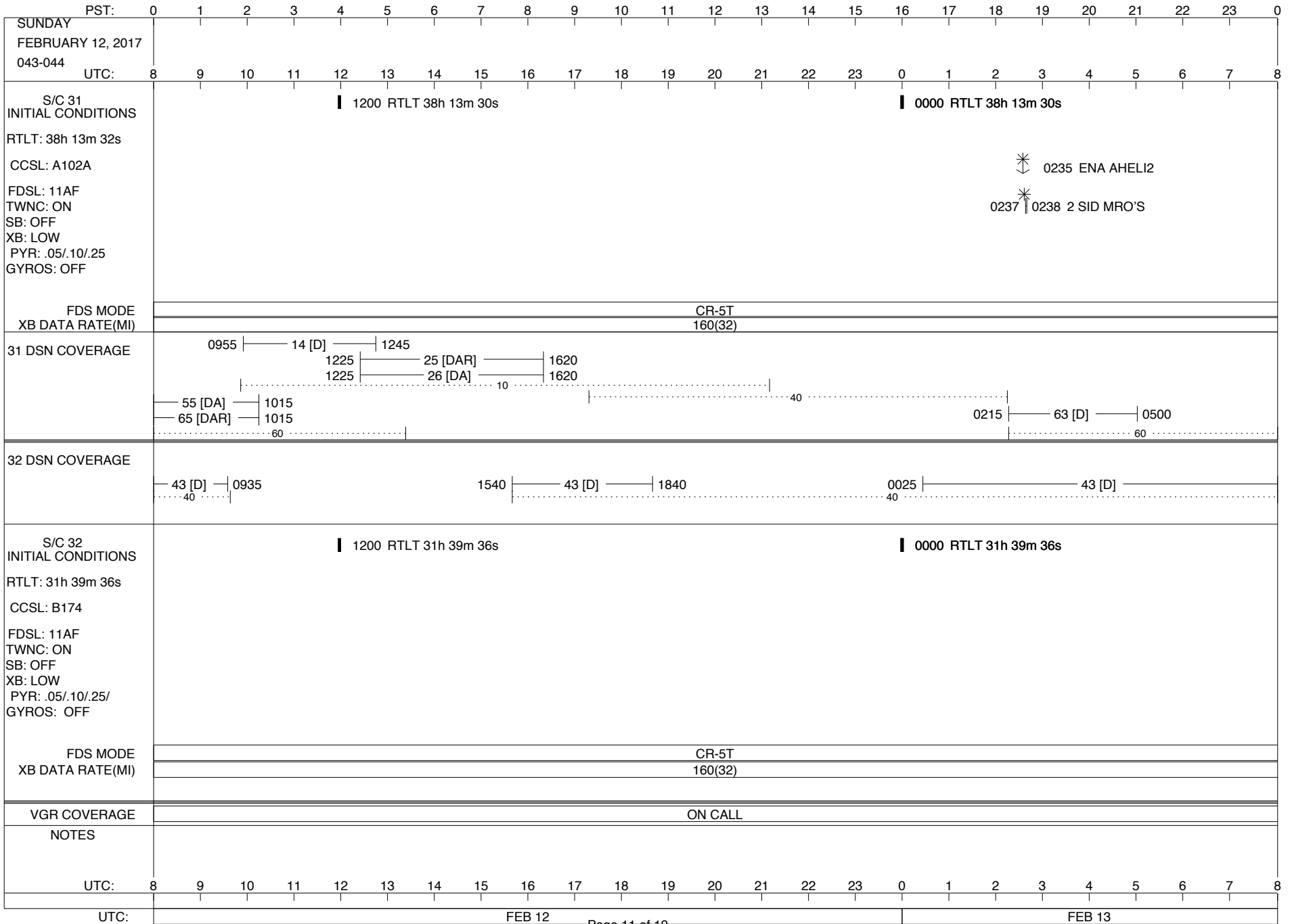
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S/C 31 INITIAL CONDITIONS	1200 RTLT 38h 13m 40s												0000 RTLT 38h 13m 38s												
RTLT: 38h 13m 42s	1132 BAY 1 HTR OFF 1136 X/B HI POWER 1147 YAW=.05												TAPPOS 0256 0305 A102B CHKSUM 0327 0331 2 AHEL2 SID MRO'S 0357 0359 CCSTIM FINE 0436 0443 CCSTIM COARSE 0536 0539 D/L - 0702												
CCSL: A102A	1157 PLAYBACK												1815												
FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1157												1815												
FDS MODE	CR-5T						PB-14						CR-5T						EL-40		CR-5T				
XB DATA RATE(MI)	160(32)						1.4K(39)						160(32)						40(30)		160(32)				
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS	1200 RTLT 31h 39m 32s												0000 RTLT 31h 39m 34s												
RTLT: 31h 39m 32s																									
CCSL: B174																									
FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25/ GYROS: OFF	0842 - 0845 CCSTIM (COARSE)																								
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL						VGR						ON CALL						VGR		ON CALL				
NOTES	[1] S/C 31=PB-14 @ 1157 XB=1.4K(39) [2] S/C 31=CR-5T @ 1815 XB=160(32)												[3] S/C 31=EL-40 @ 0301 XB=160(32) [4] S/C 31=CR-5T @ 0401 XB=160(32)												
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UTC:	FEB 09												FEB 10												



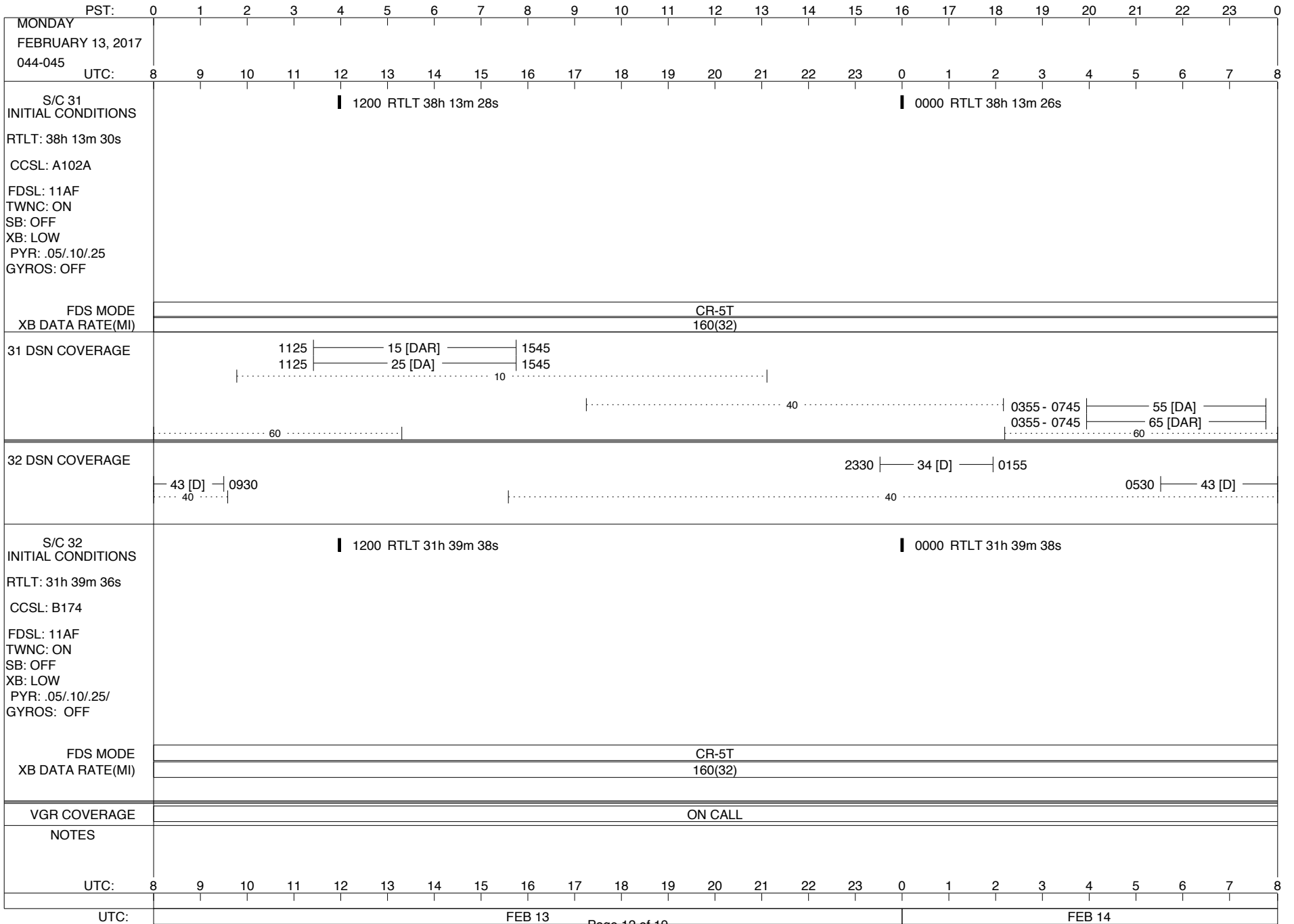
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SATURDAY FEBRUARY 11, 2017 042-043																																				
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S/C 31 INITIAL CONDITIONS RTLTL: 38h 13m 36s CCSL: A102A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 38h 13m 34s												█ 0000 RTLTL 38h 13m 32s																							
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)																							
31 DSN COVERAGE																																				
32 DSN COVERAGE																																				
S/C 32 INITIAL CONDITIONS RTLTL: 31h 39m 34s CCSL: B174 FDSL: 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												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 11												FEB 12																							

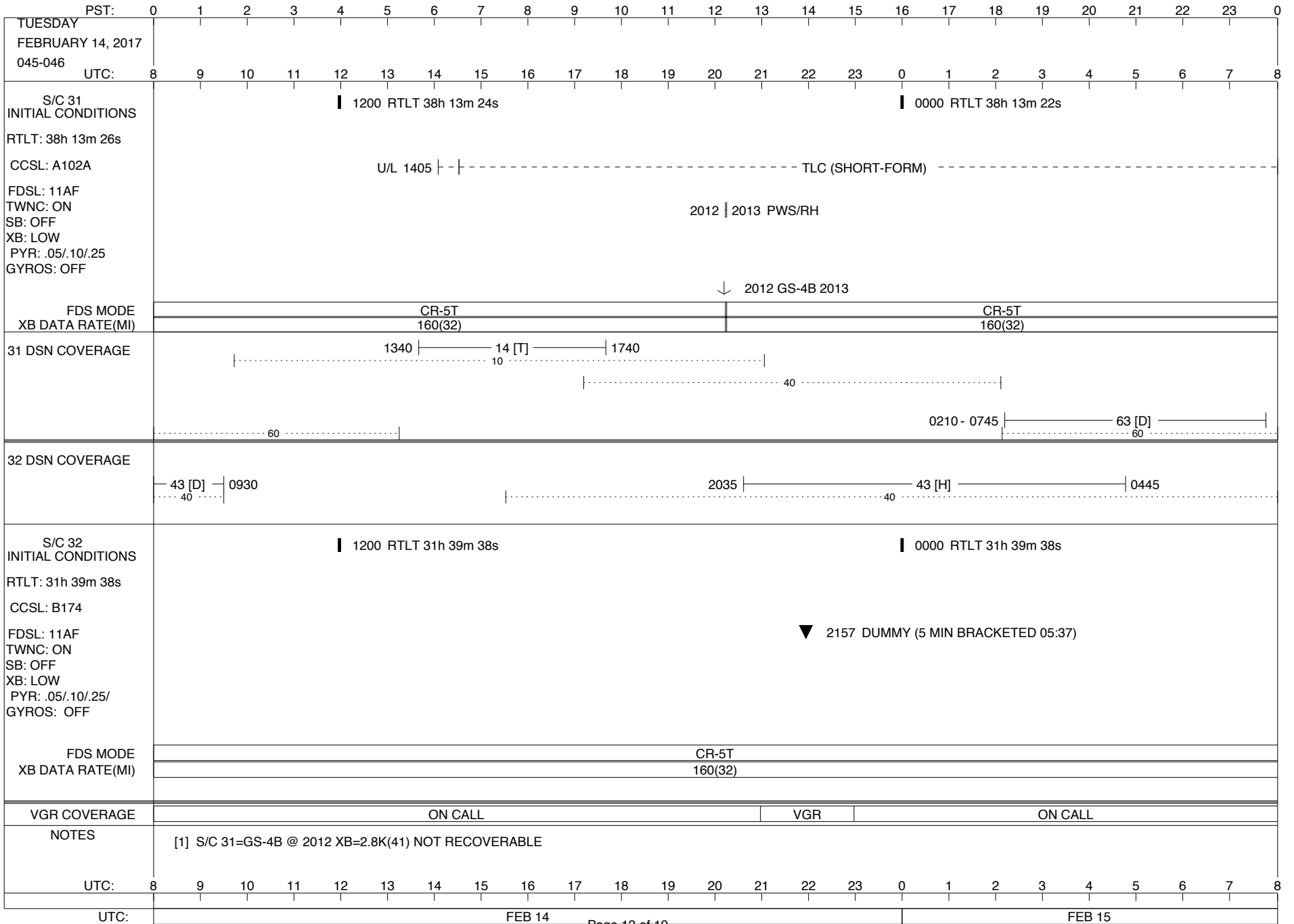
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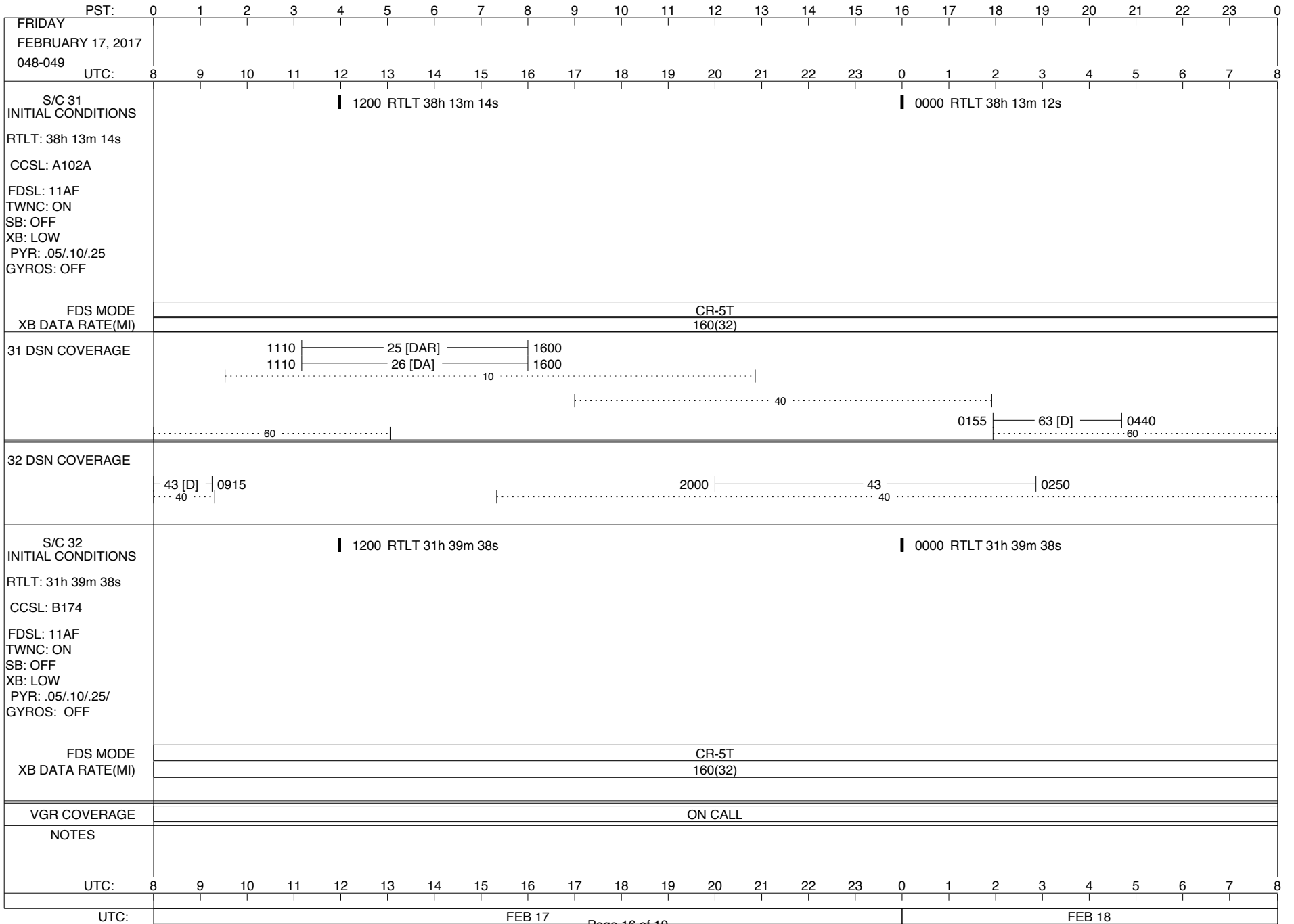
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S/C 31 INITIAL CONDITIONS RTLT: 38h 13m 22s CCSL: A102A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 38h 13m 20s												0000 RTLT 38h 13m 18s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	1120 ----- 15 [DA] ----- 1545 1120 ----- 26 [DAR] ----- 1545 ----- 10 ----- ----- 40 ----- ----- 60 -----												0205 - 0745 ----- 63 [D] ----- ----- 60 -----												
32 DSN COVERAGE ----- 40 ----- 1555 ----- 43 [D] ----- 1910 ----- 40 -----												0520 ----- 43 [D] -----												
S/C 32 INITIAL CONDITIONS RTLT: 31h 39m 38s CCSL: B174 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 31h 39m 38s												0000 RTLT 31h 39m 38s												
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
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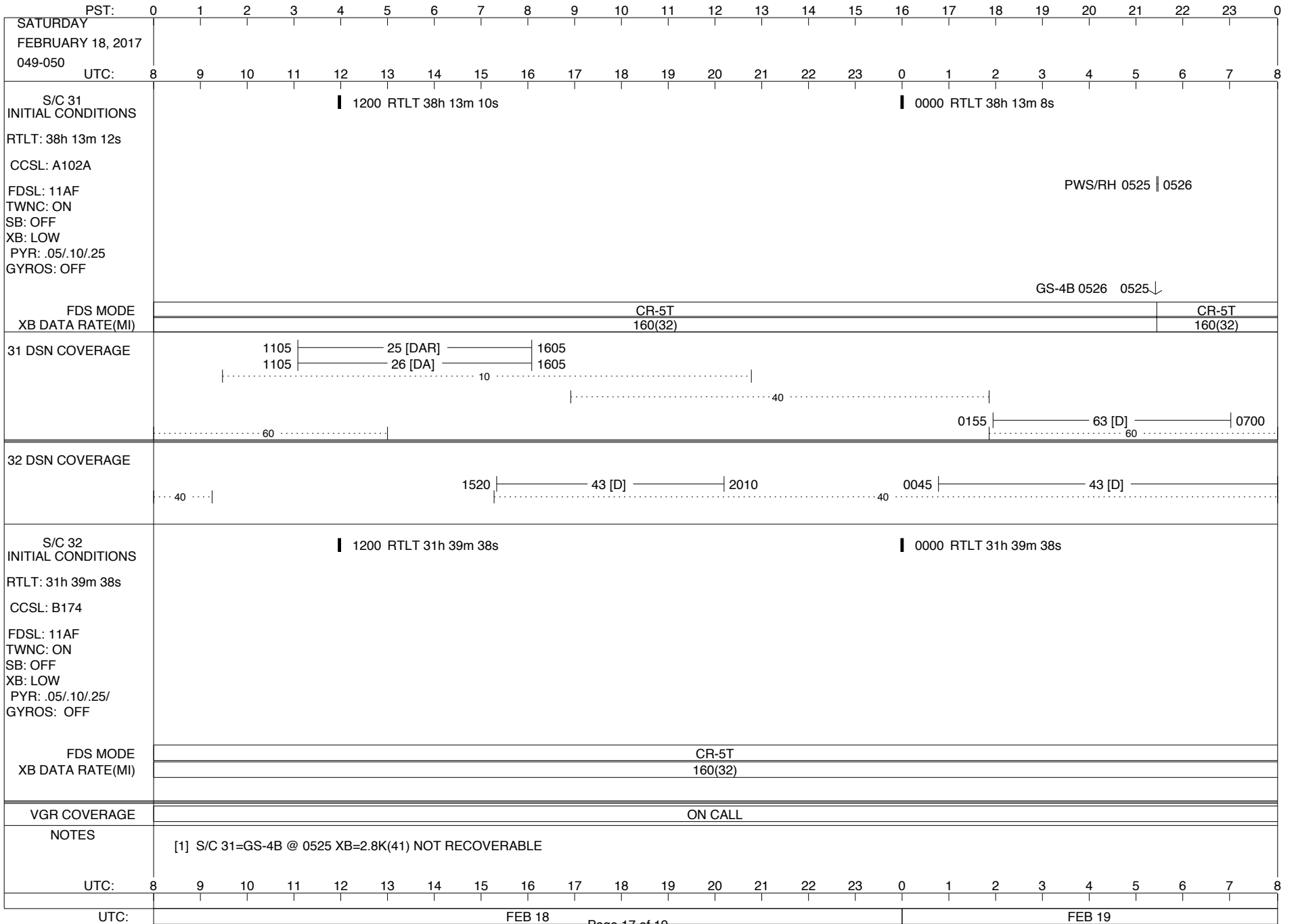
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THURSDAY																												
FEBRUARY 16, 2017																												
047-048																												
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S/C 31 INITIAL CONDITIONS		1200 RTLT 38h 13m 16s												0000 RTLT 38h 13m 14s														
RTL: 38h 13m 18s																												
CCSL: A102A																												
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 31h 39m 38s												0000 RTLT 31h 39m 38s														
RTL: 31h 39m 38s																												
CCSL: B174																												
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																										
NOTES		[1] S/C 31=GS-4B @ 0226 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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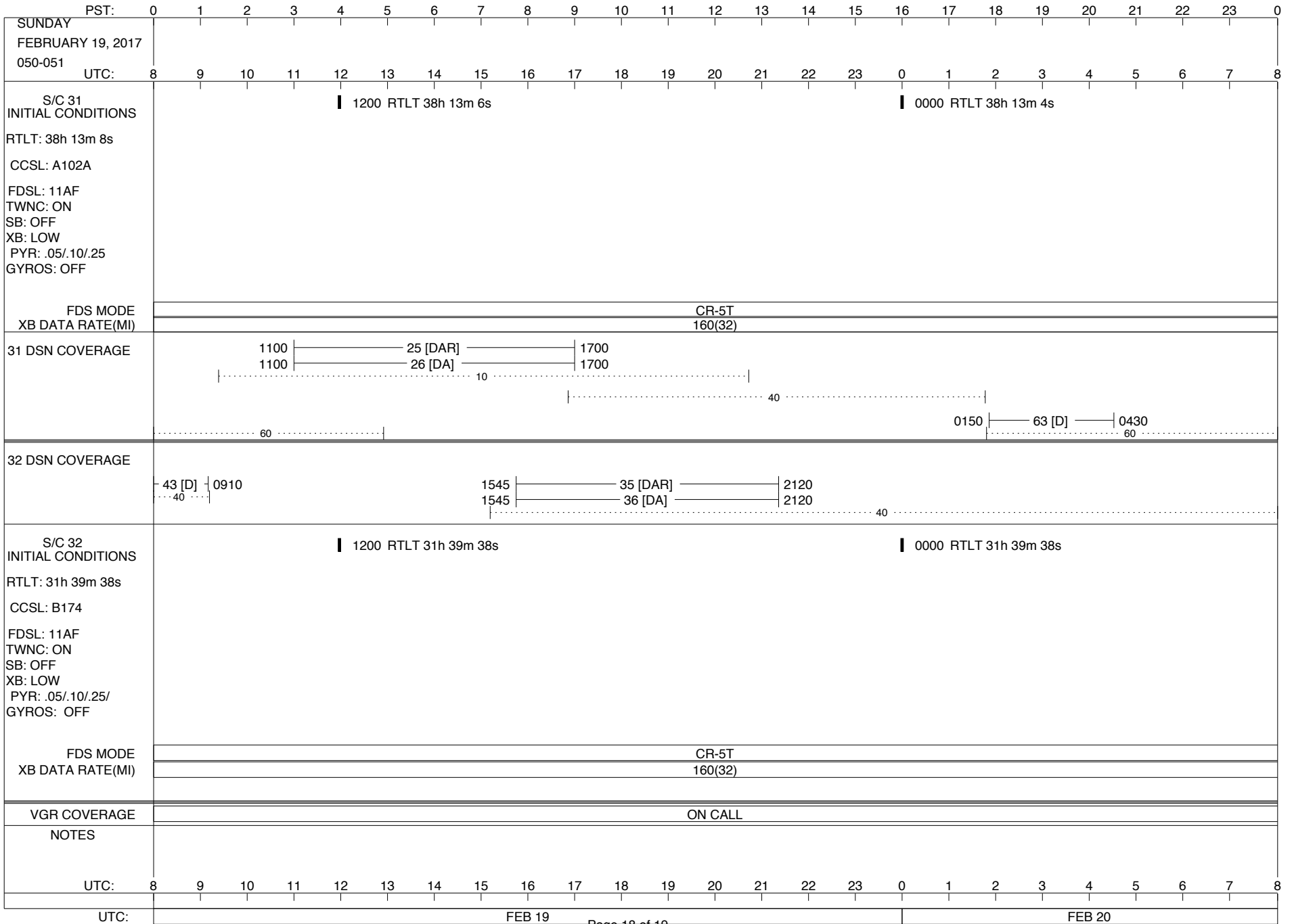
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UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8		
S/C 31 INITIAL CONDITIONS RTLT: 38h 13m 4s CCSL: A102A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 38h 13m 2s</p> </div>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<div style="text-align: center;"> <p>1100 ----- 15 [DA] ----- 1505 1100 ----- 26 [DAR] ----- 1505</p> </div>																										
32 DSN COVERAGE	<div style="text-align: center;"> <p>1540 ----- 35 [DA] ----- 1930 1540 ----- 36 [DAR] ----- 1930</p> </div>																										
S/C 32 INITIAL CONDITIONS RTLT: 31h 39m 38s CCSL: B174 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 31h 39m 38s</p> </div>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
VGR COVERAGE	ON CALL																										
NOTES	JPL HOLIDAY!																										
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													