

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: January 13, 2016

For the Period: 01/14/16 to 02/01/16 (16-014 – 16-032)

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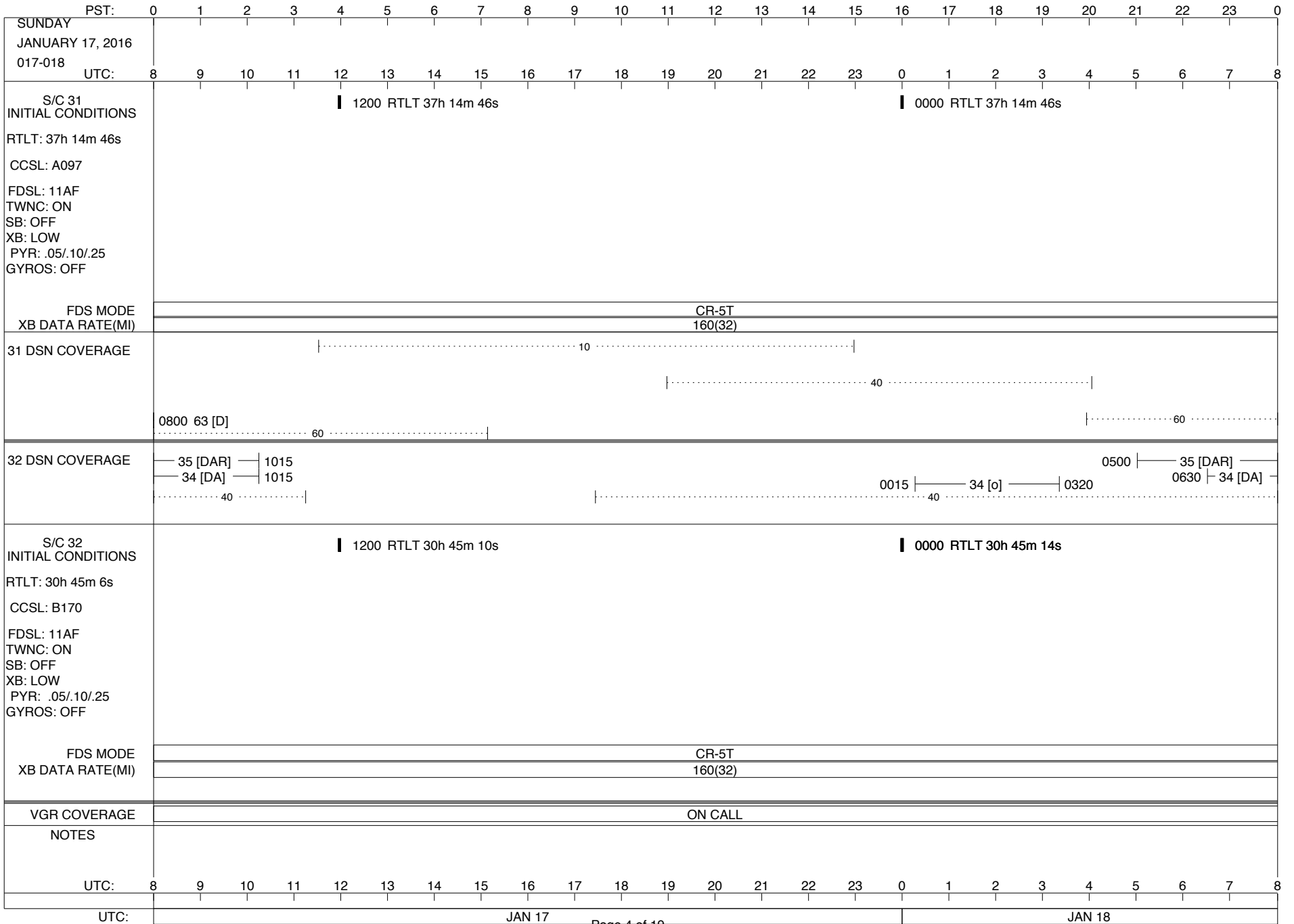
LEGEND:
 ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U =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

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

ISSUE DATE: 01/14/16 07:15

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 RTLTL: 37h 14m 46s CCSL: A097 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 37h 14m 46s												█ 0000 RTLTL 37h 14m 46s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	1650 |-----| 15 [DAR] |-----| 2130 1650 |-----| 25 [DA] |-----| 2130 .....|-----| 10 .....|-----| 40 .....|-----|												0400 - 0800 |-----| 63 [D] |-----| .....|-----| 60 .....|-----|												
32 DSN COVERAGE	.....|-----| 40 .....|-----|												0325 |-----| 35 [DAR] |-----| 0620 |-----| 34 [DA] |-----| .....|-----| 40 .....|-----|												
S/C 32 INITIAL CONDITIONS RTLTL: 30h 45m 0s CCSL: B170 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 30h 45m 4s												█ 0000 RTLTL 30h 45m 6s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 0720 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:	JAN 16												JAN 17												

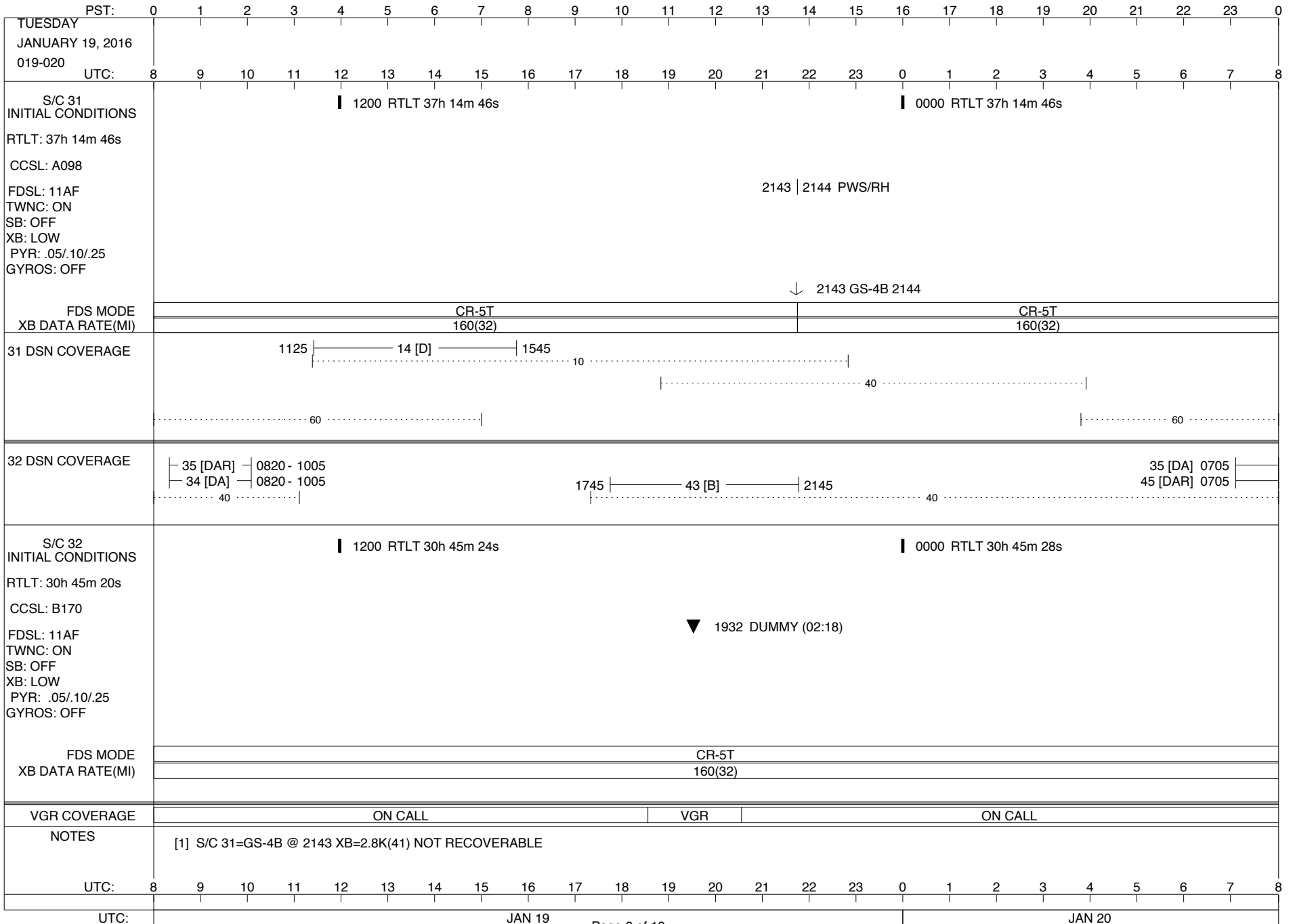
ISSUE DATE: 01/14/16 07:15



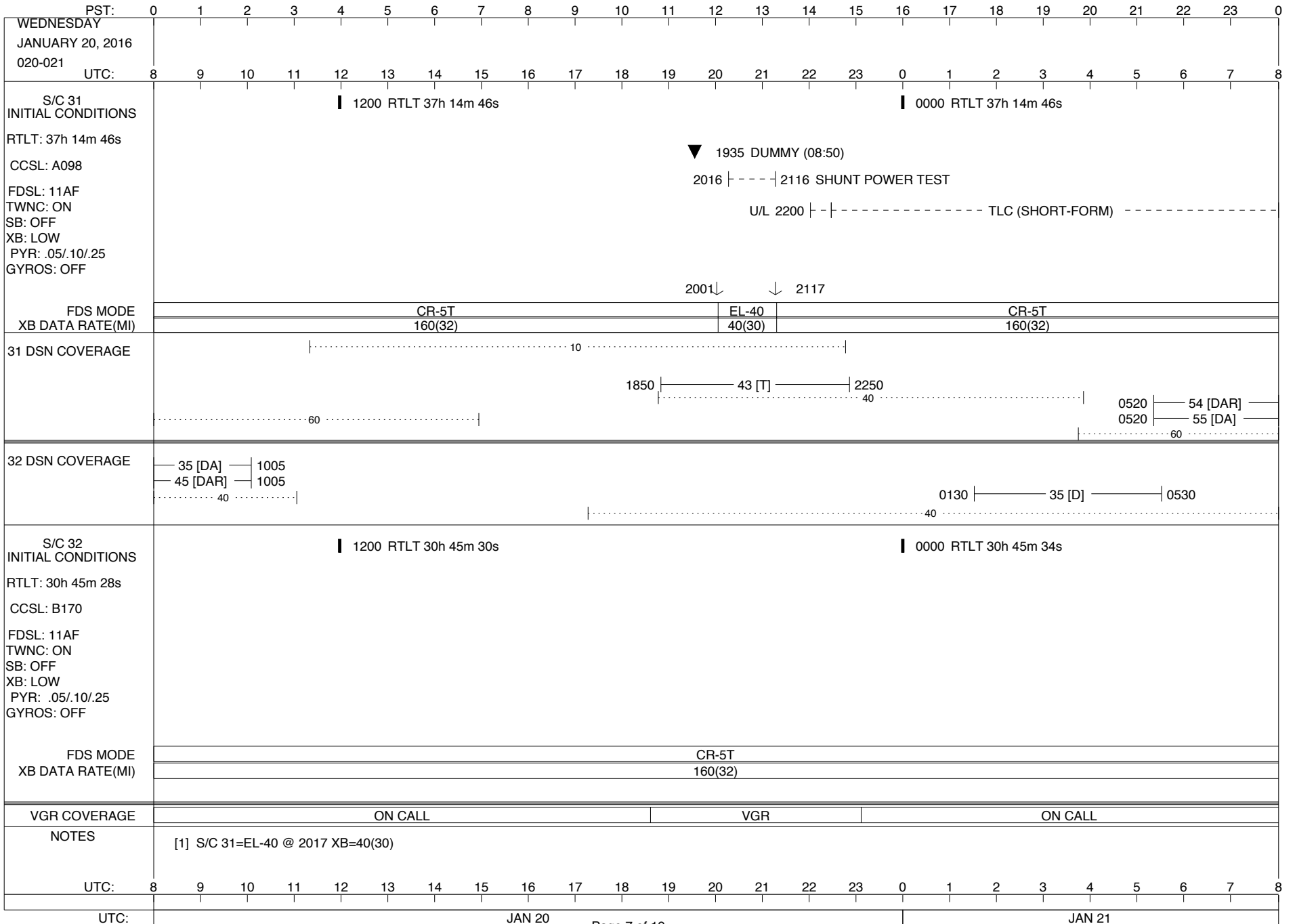
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MONDAY JANUARY 18, 2016 018-019																											
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S/C 31 INITIAL CONDITIONS RTLT: 37h 14m 46s CCSL: A097 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	BEGIN SEQUENCE A098 0346 ↓																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE																											
32 DSN COVERAGE																											
S/C 32 INITIAL CONDITIONS RTLT: 30h 45m 14s CCSL: B170 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 30h 45m 18s													█ 0000 RTLT 30h 45m 20s													
FDS MODE														CR-5T													
XB DATA RATE(MI)														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		
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ISSUE DATE: 01/14/16 07:15



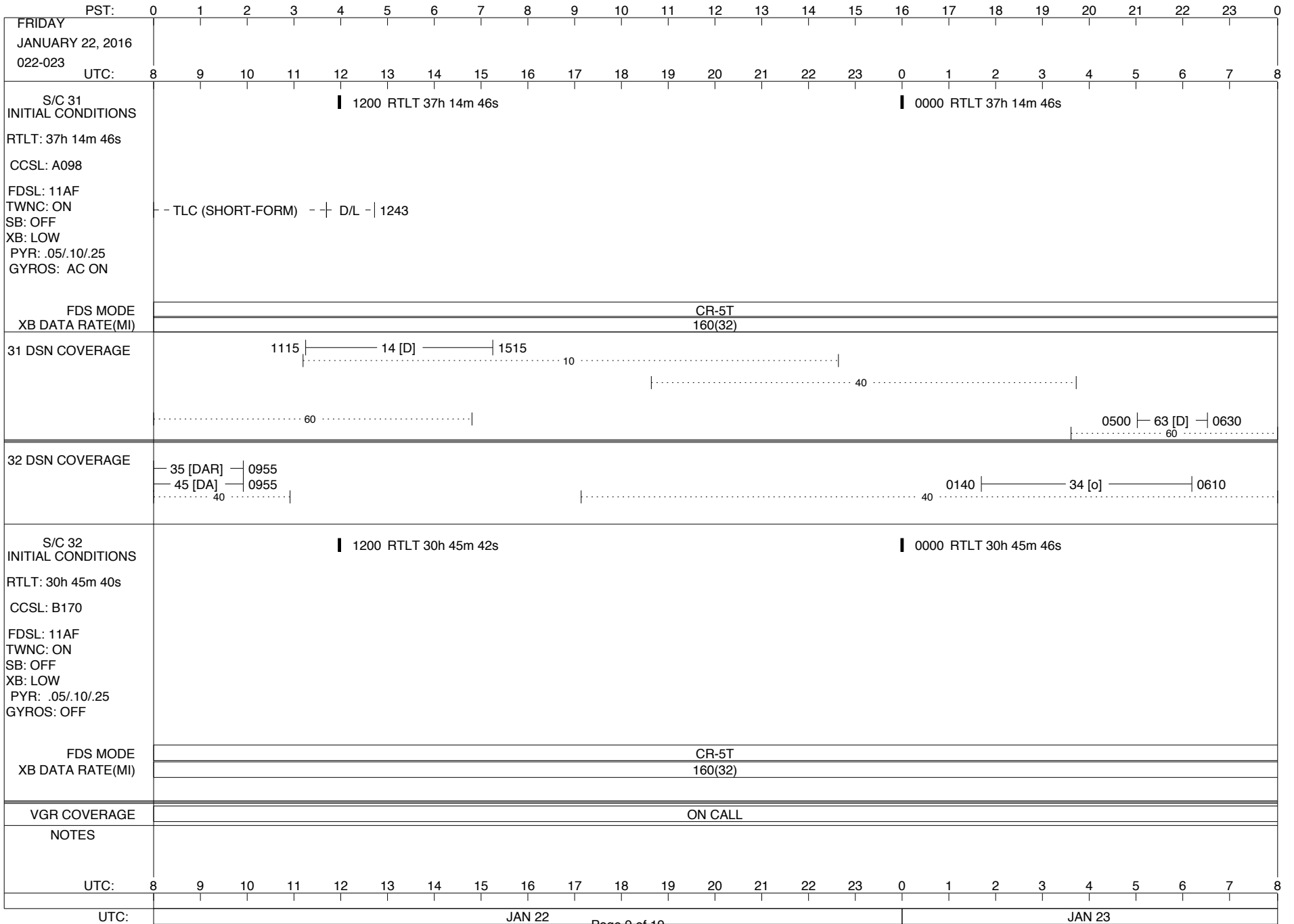
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ISSUE DATE: 01/14/16 07:15

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THURSDAY JANUARY 21, 2016 021-022																														
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S/C 31 INITIAL CONDITIONS RTLTL: 37h 14m 46s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 37h 14m 46s												0000 RTLTL 37h 14m 46s																	
	↓ 1318 GYROS AC ON																													
	↓ 1318 GYRO INIT																													
	↓ 1327 GYRO FAULT TEST																													
	----- TLC (SHORT-FORM) -----																													
													0054 | 0056 TAPPOS																	
													0357 | 0357 PWS/RH																	
													0408 | 0420 TAPPOS																	
													↓ 0357 GS-4B 0357																	
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: 30h 45m 34s CCSL: B170 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 30h 45m 36s												0000 RTLTL 30h 45m 40s																	
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 @ 0357 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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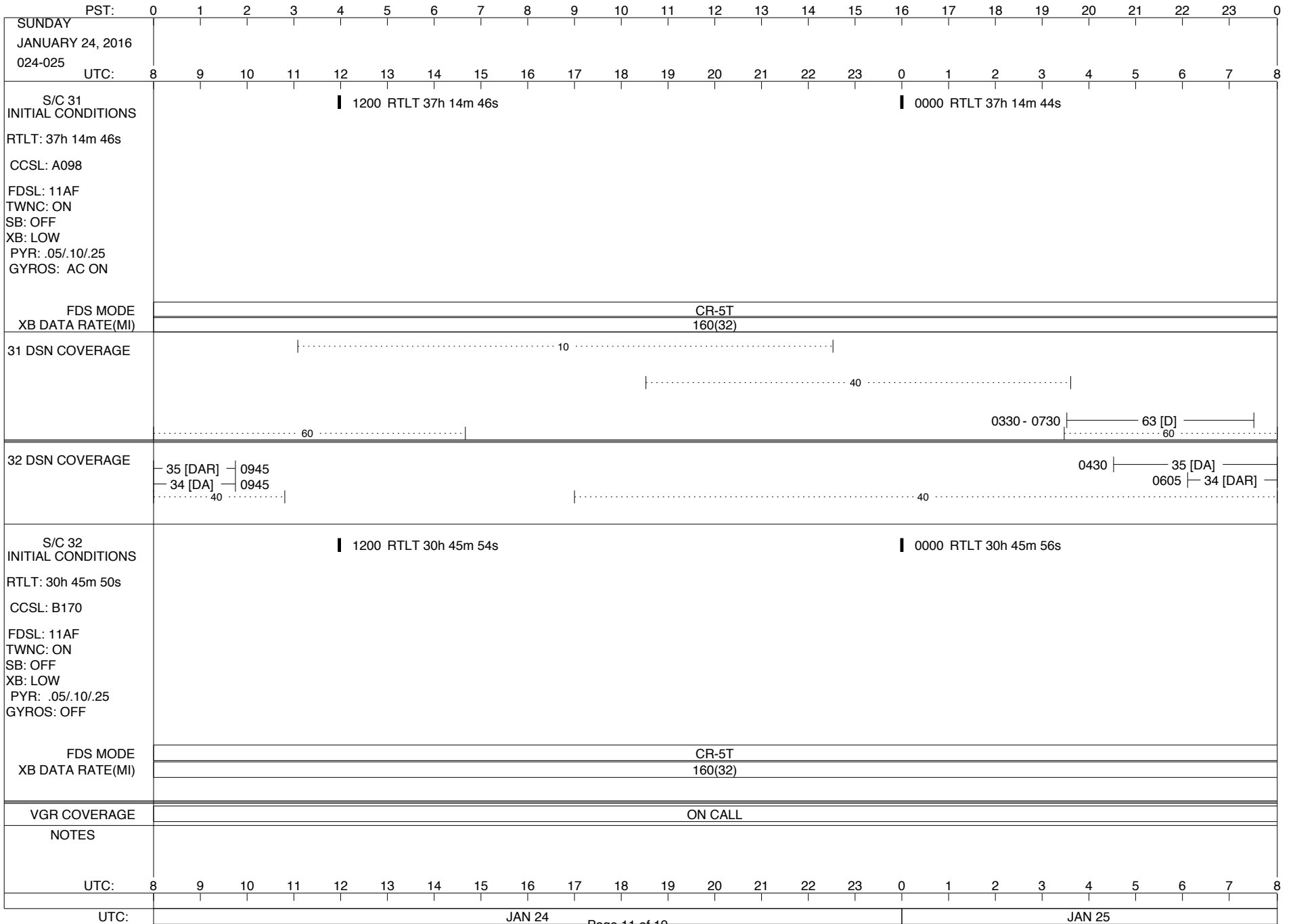
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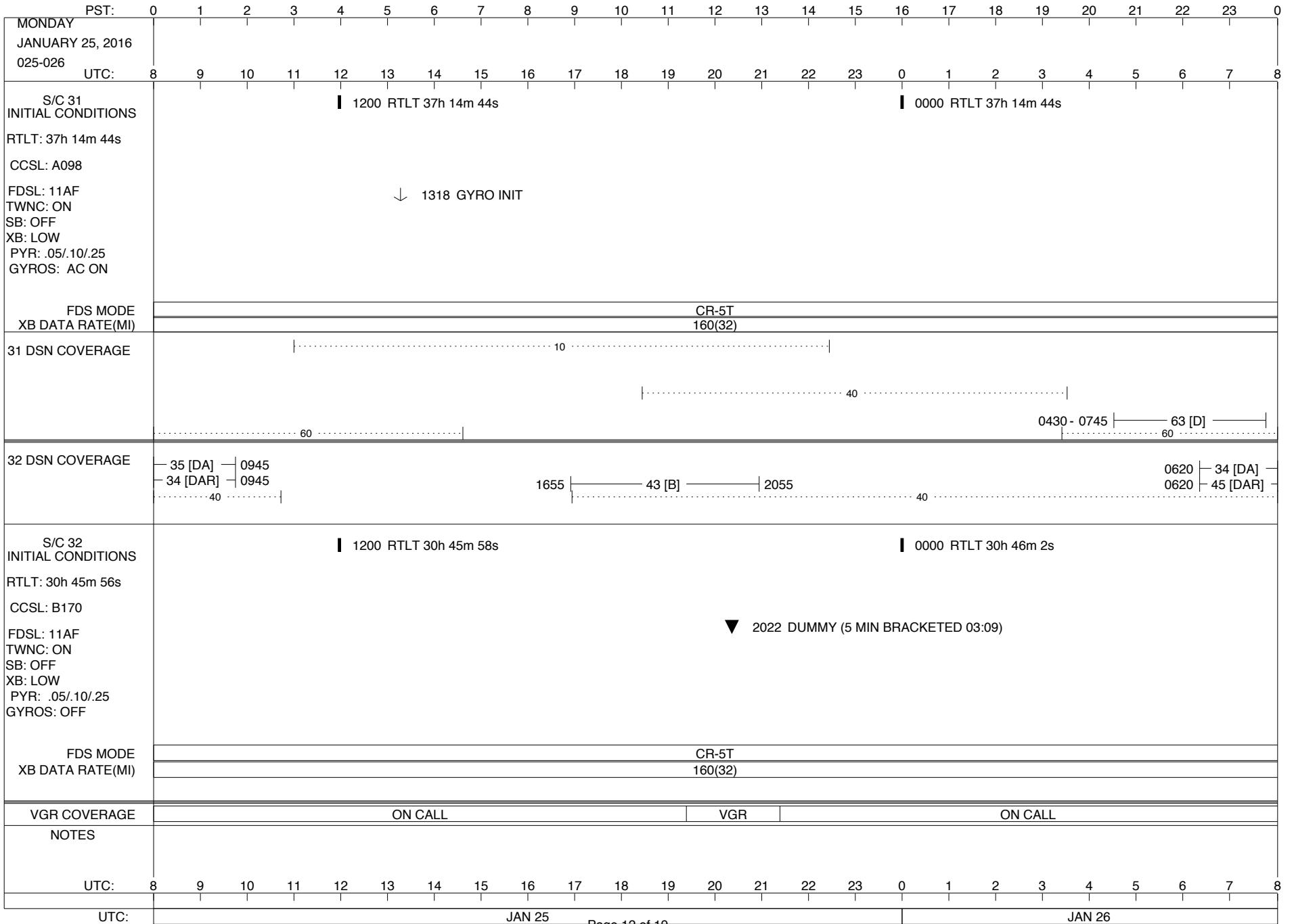
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SATURDAY JANUARY 23, 2016 023-024	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLTL: 37h 14m 46s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: AC ON	█ 1200 RTLTL 37h 14m 46s												█ 0000 RTLTL 37h 14m 46s												
	↓ 1318 GYRO INIT												0354 | 0407 TAPPOS PWS/RH 0657 | 0657 TAPPOS 0708 - 0734 | - | 0657 GS-4B 0657 ↓												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1240 | 15 [DAR] | 1900 1240 | 25 [DA] | 1900												10 40 0335 - 0735 | 63 [D] |												
	..... 60												..... 60											
32 DSN COVERAGE	..... 40												..... 40 0610 | 35 [DAR] | 0610 | 34 [DA] |												
S/C 32 INITIAL CONDITIONS RTLTL: 30h 45m 46s CCSL: B170 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLTL 30h 45m 48s												█ 0000 RTLTL 30h 45m 50s												
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 @ 0657 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:	JAN 23												JAN 24												

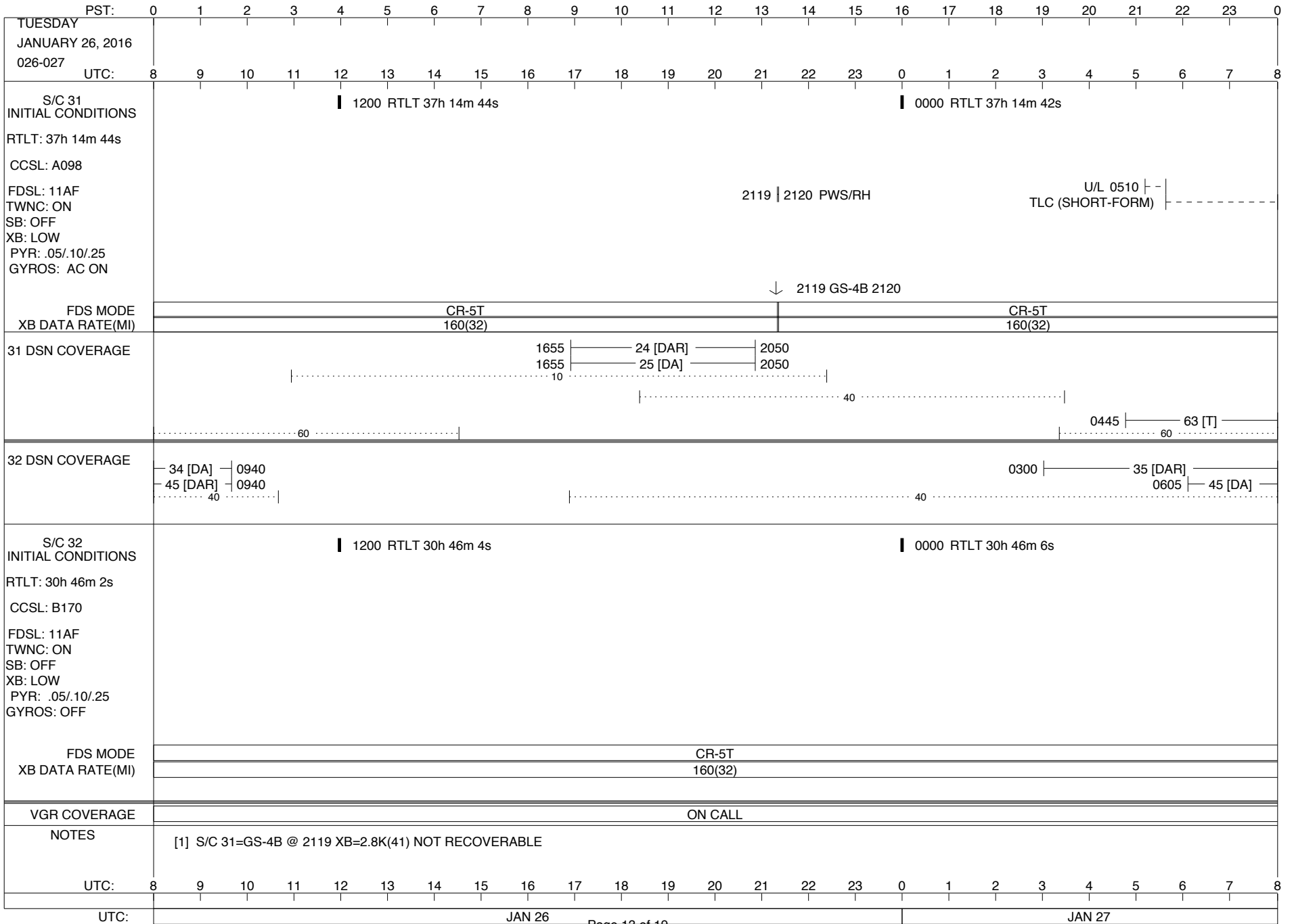
ISSUE DATE: 01/14/16 07:15



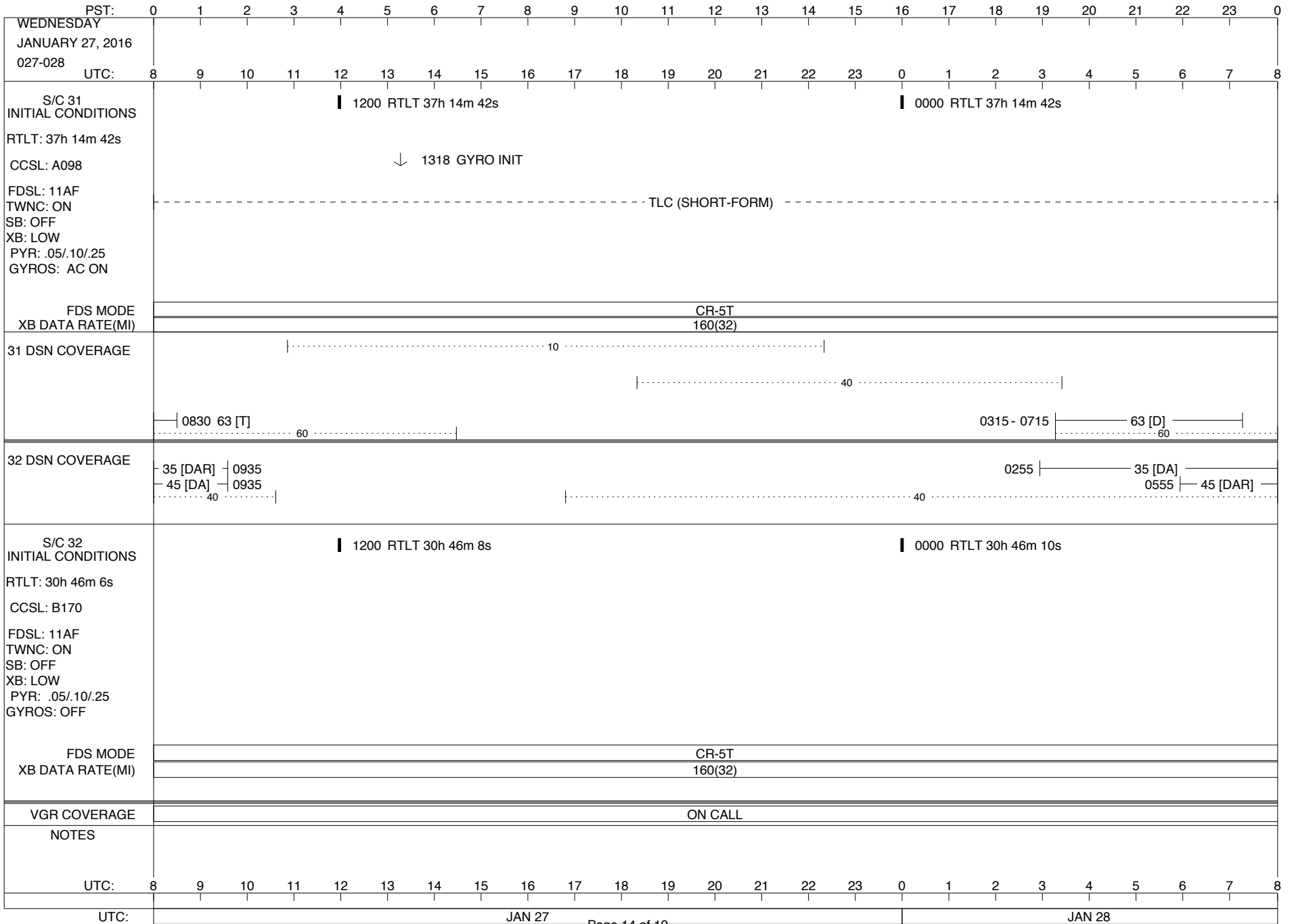
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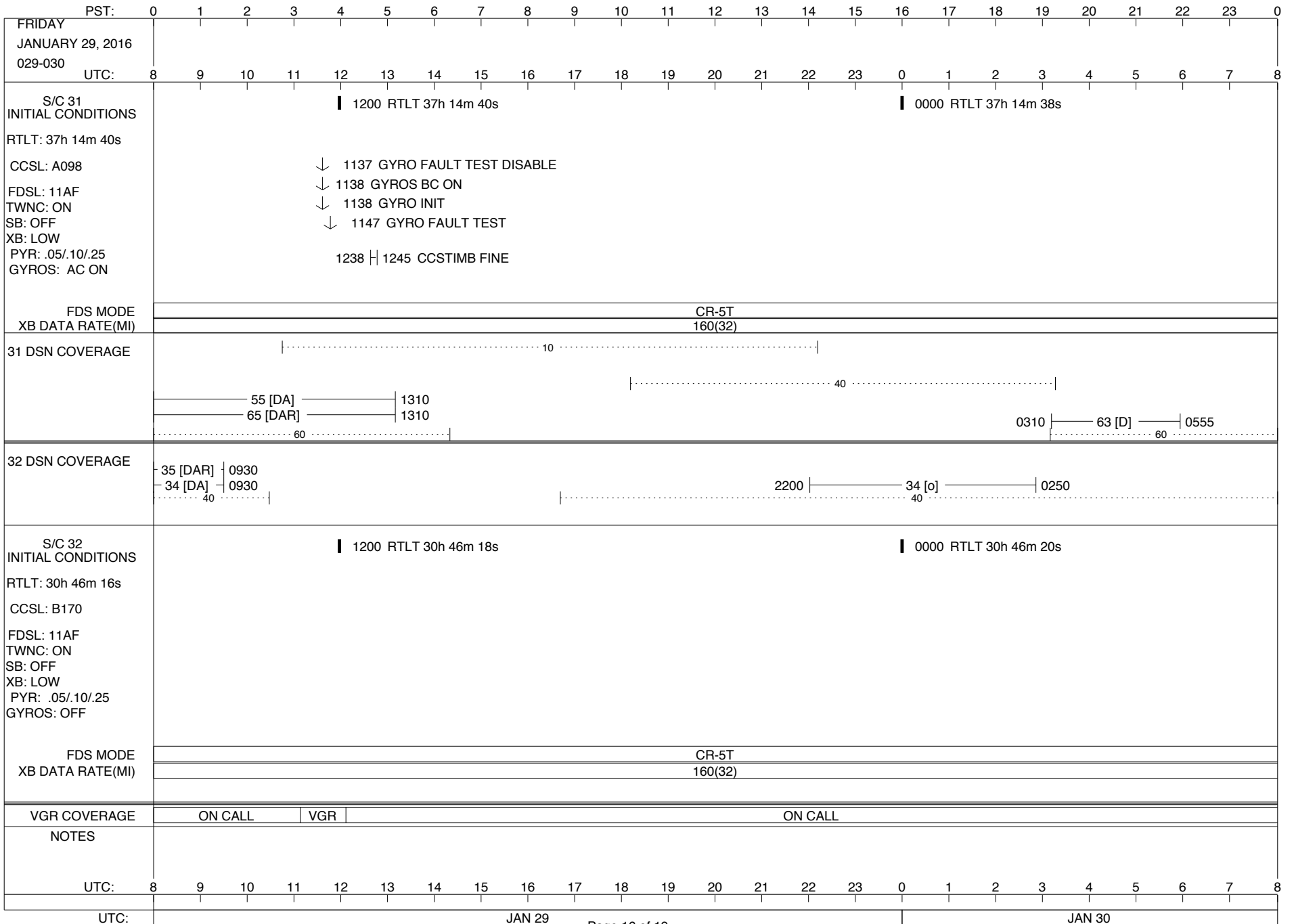


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ISSUE DATE: 01/14/16 07:15

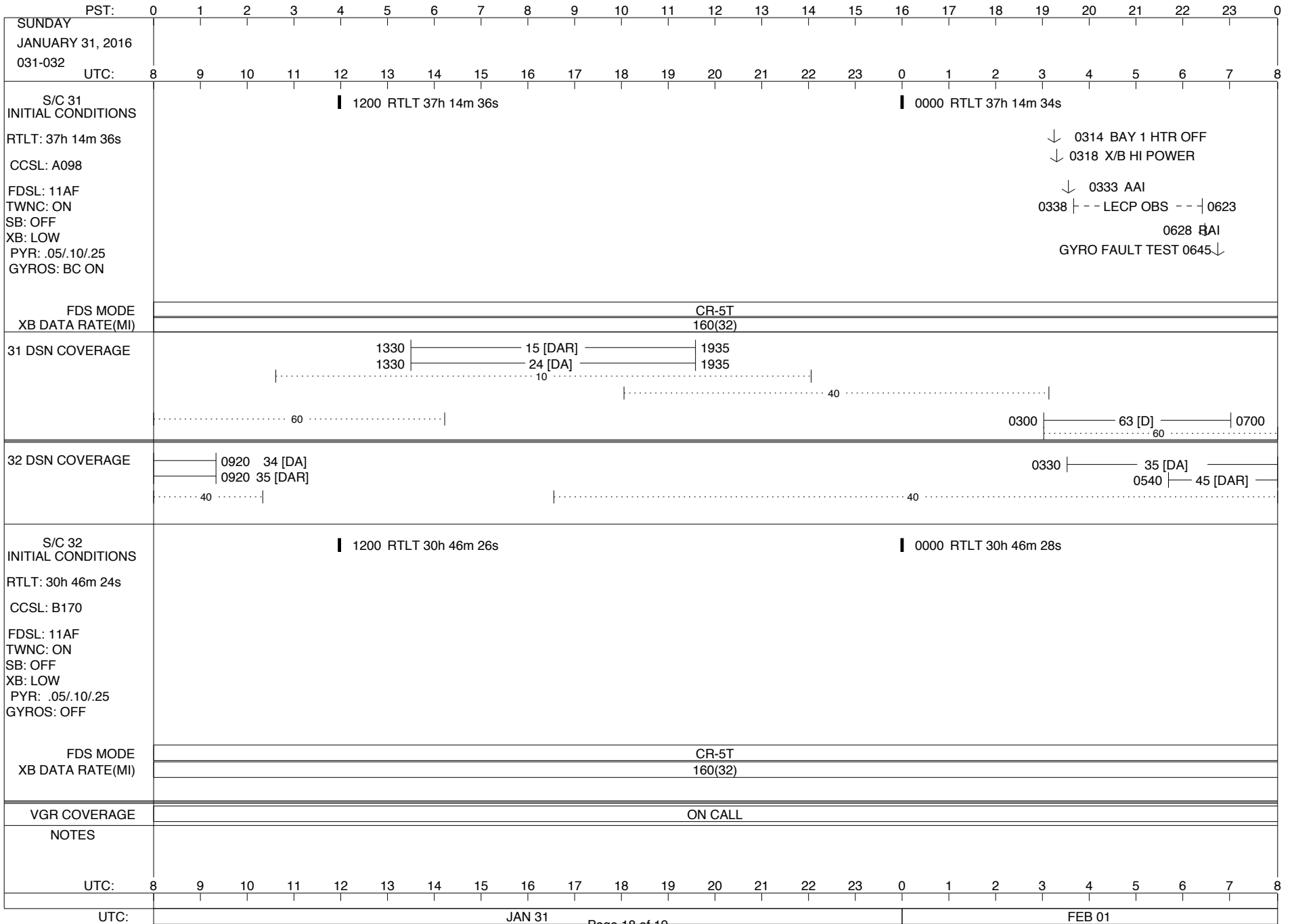
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THURSDAY JANUARY 28, 2016 028-029																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTL: 37h 14m 42s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: AC ON	█ 1200 RTLT 37h 14m 40s												█ 0000 RTLT 37h 14m 40s												
	----- TLC (SHORT-FORM) -----												D/L -| 1953												
													0030 | - - | 0110 TAPPOS 0332 | 0333 PWS/RH 0344 | - | 0410 TAPPOS												
													↓ 0332 GS-4B 0333												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1335 | 15 [DAR] | 1645 1335 | 26 [DA] | 1645												0625 | 55 [DA] | 0625 | 65 [DAR] |												
	..... 60 .....												..... 40											
32 DSN COVERAGE	- 35 [DA] -| 0930 - 45 [DAR] -| 0930												0615 | 35 [DAR] | 0615 | 34 [DA] |												
	..... 40 .....												..... 40											
S/C 32 INITIAL CONDITIONS RTL: 30h 46m 10s CCSL: B170 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLT 30h 46m 14s												█ 0000 RTLT 30h 46m 16s												
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 @ 0332 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:	JAN 28												JAN 29												



ISSUE DATE: 01/14/16 07:15

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SATURDAY JANUARY 30, 2016 030-031	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: 37h 14m 38s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 37h 14m 38s												0000 RTLT 37h 14m 36s												
													0330 | - | 0356 TAPPOS PWS/RH 0632 | 0633 TAPPOS 0644 | | 0656												
													0632 GS-4B 0633 ↓												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1210 |----- 25 [DAR] -----| 1610 1210 |----- 26 [DA] -----| 1610 .....|----- 10 -----| .....|----- 40 -----| .....|----- 60 -----|																								
32 DSN COVERAGE	.....| 40 .....|												0345 |----- 34 [DA] -----| 0545 |----- 35 [DAR] -----|												
S/C 32 INITIAL CONDITIONS RTLT: 30h 46m 20s CCSL: B170 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 46m 22s												0000 RTLT 30h 46m 24s												
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 @ 0632 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:	JAN 30												JAN 31												

ISSUE DATE: 01/14/16 07:15



ISSUE DATE: 01/14/16 07:15

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							
MONDAY FEBRUARY 1, 2016 032-033							
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: 37h 14m 34s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	█ 1200 RTLT 37h 14m 34s						
FDS MODE	CR-5T						
XB DATA RATE(MI)	160(32)						
31 DSN COVERAGE10.....						
60.....						
32 DSN COVERAGE	<table border="0"> <tr> <td style="border-right: 1px solid black; width: 10px;"> </td> <td>0915 35 [DA]</td> </tr> <tr> <td style="border-right: 1px solid black; width: 10px;"> </td> <td>0915 45 [DAR]</td> </tr> <tr> <td style="border-right: 1px solid black; width: 10px;"> </td> <td>.....40..... </td> </tr> </table>		0915 35 [DA]		0915 45 [DAR]	40.....
	0915 35 [DA]						
	0915 45 [DAR]						
40.....						
S/C 32 INITIAL CONDITIONS RTLT: 30h 46m 28s CCSL: B170 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLT 30h 46m 28s						
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:	FEB 01						
	Page 19 of 19						
	FEB 02						