

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: January 6, 2016

For the Period: 01/07/16 to 01/25/16 (16-007 – 16-025)

**DSN OPSCHIEF (1) 230-102**

**DSOT (1) 230-102**

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 \*gdyke@airmail.ftops.jpl.nasa.gov  
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**SCIENCE**

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 \*Donald-Gurnett@uiowa.edu

**FLIGHT TEAM (14) 600-100**

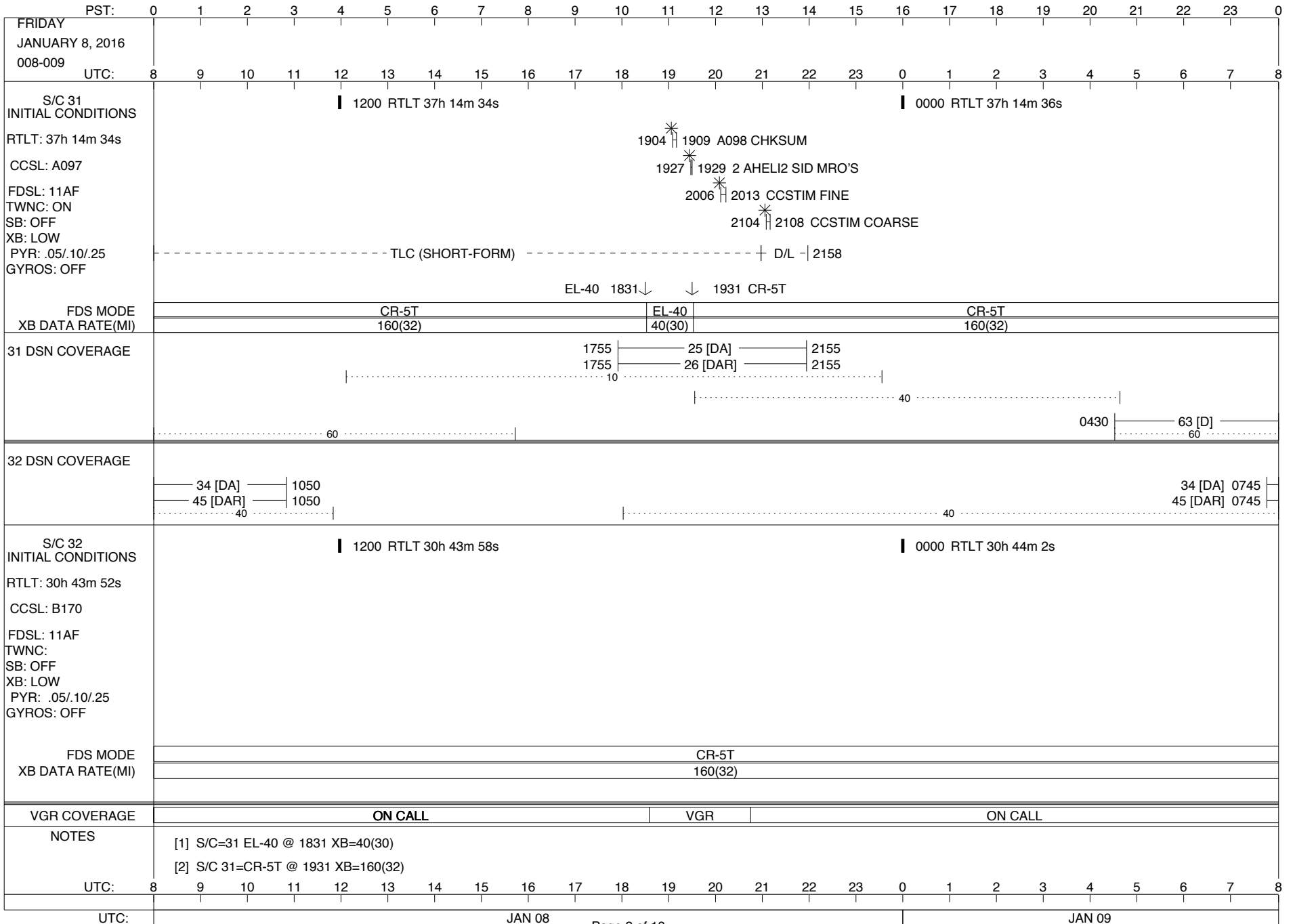
Dodd, S.  
 Hall, J.  
 Howard, S. (3)  
 Ludwig, R. (2)  
 Matsumoto, S.  
 Medina  
 Peralta, F.  
 Weeks, T.  
 Wong, R.  
 Yang, L.  
 Zottarelli, L.  
 \*odivers@san.rr.com

**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



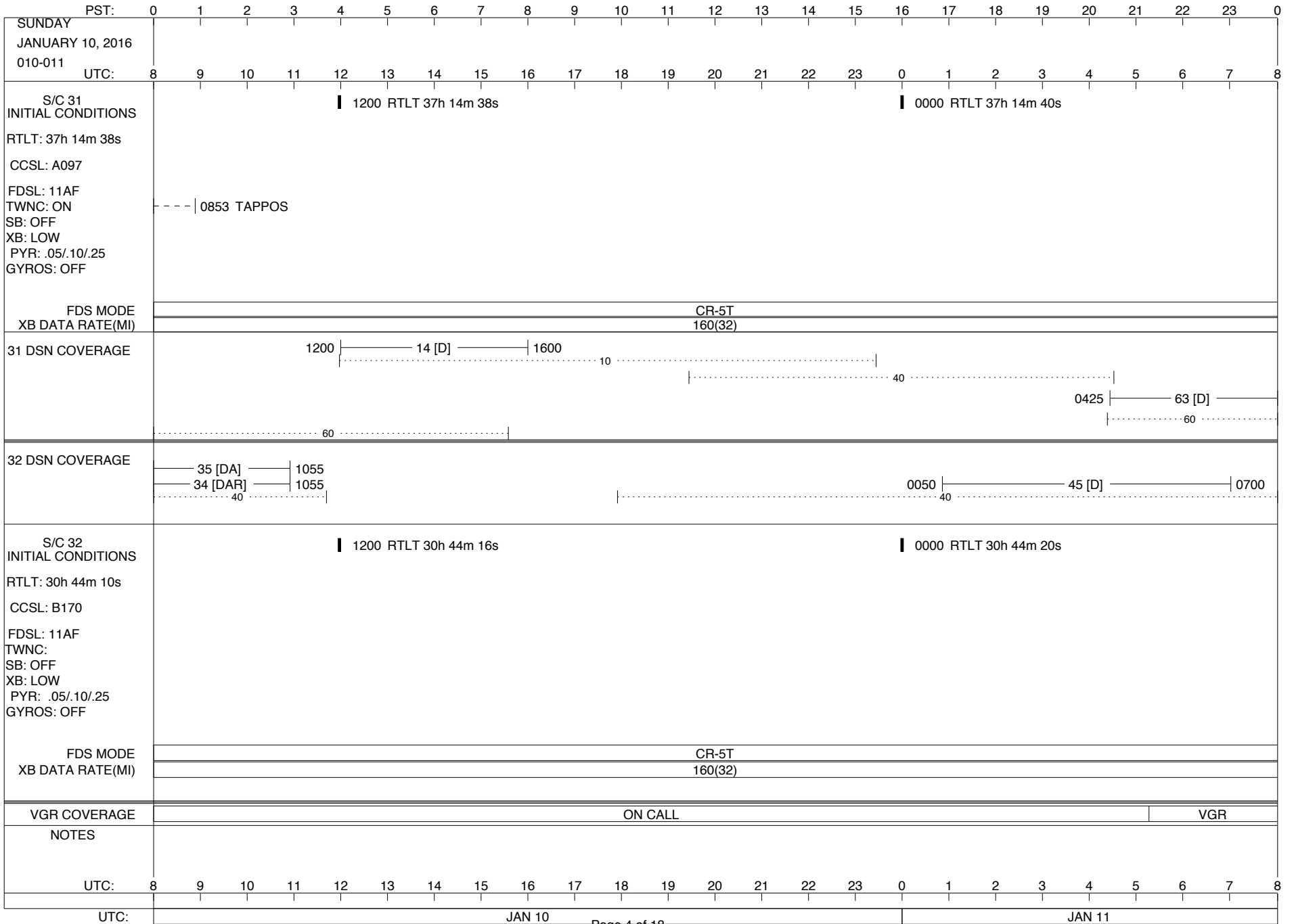
ISSUE DATE: 01/07/16 08:00



ISSUE DATE: 01/07/16 08:00

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S/C 31 INITIAL CONDITIONS RTLTL: 37h 14m 36s CCSL: A097 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLTL 37h 14m 36s												█ 0000 RTLTL 37h 14m 38s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	1205  ----- 14 [D] -----  1430												10												
	----- 60 -----												----- 40 -----												
	----- 0830 63 [D] -----												0430  ----- 63 [D] -----  0710												
	----- 60 -----												----- 60 -----												
32 DSN COVERAGE	----- 34 [DA] -----  1045												35 [DA] 0740												
	----- 45 [DAR] -----  1045												----- 40 -----												
	----- 40 -----																								
S/C 32 INITIAL CONDITIONS RTLTL: 30h 44m 2s CCSL: B170 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLTL 30h 44m 6s												█ 0000 RTLTL 30h 44m 10s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 0744 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 09												JAN 10												

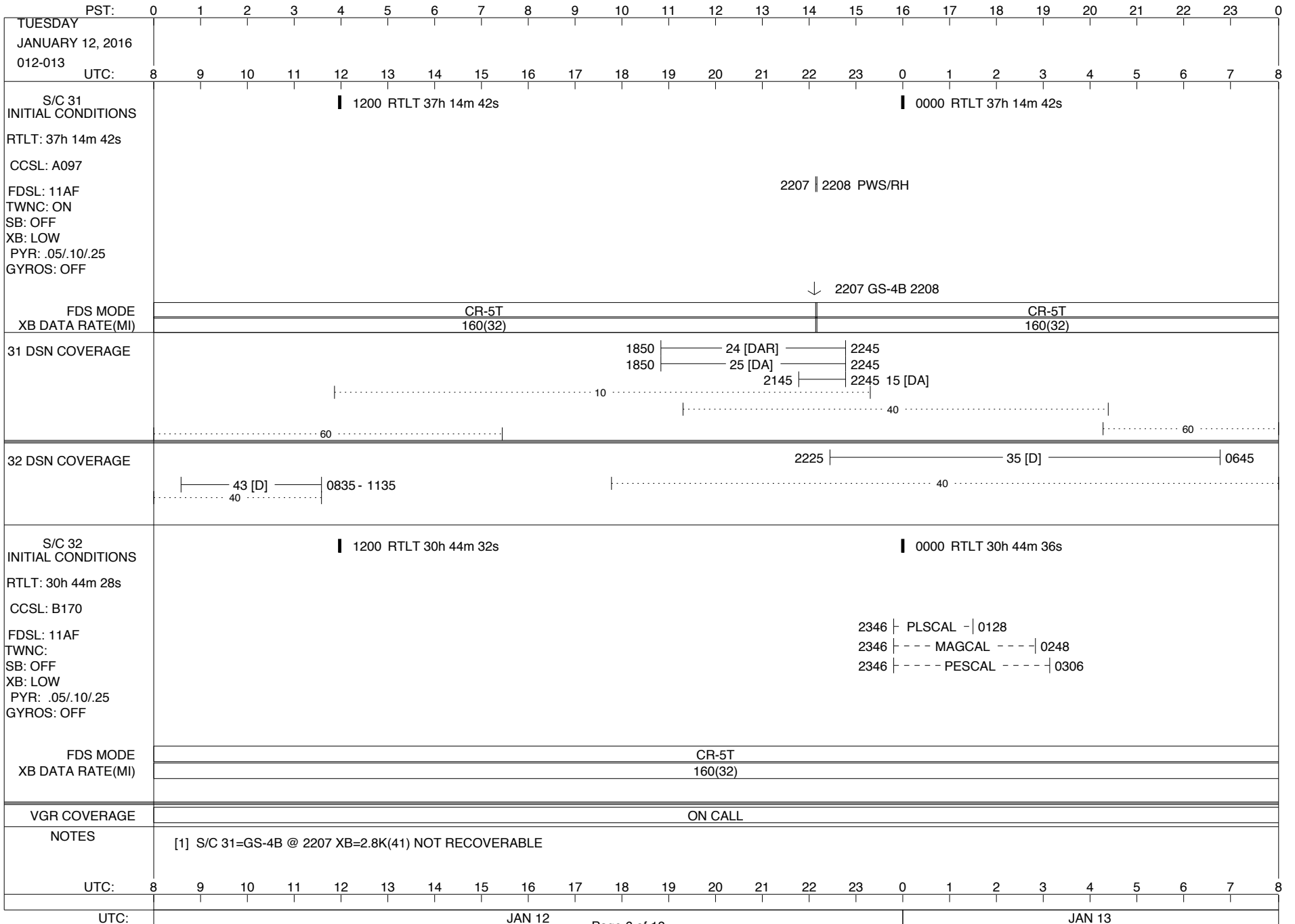
ISSUE DATE: 01/07/16 08:00



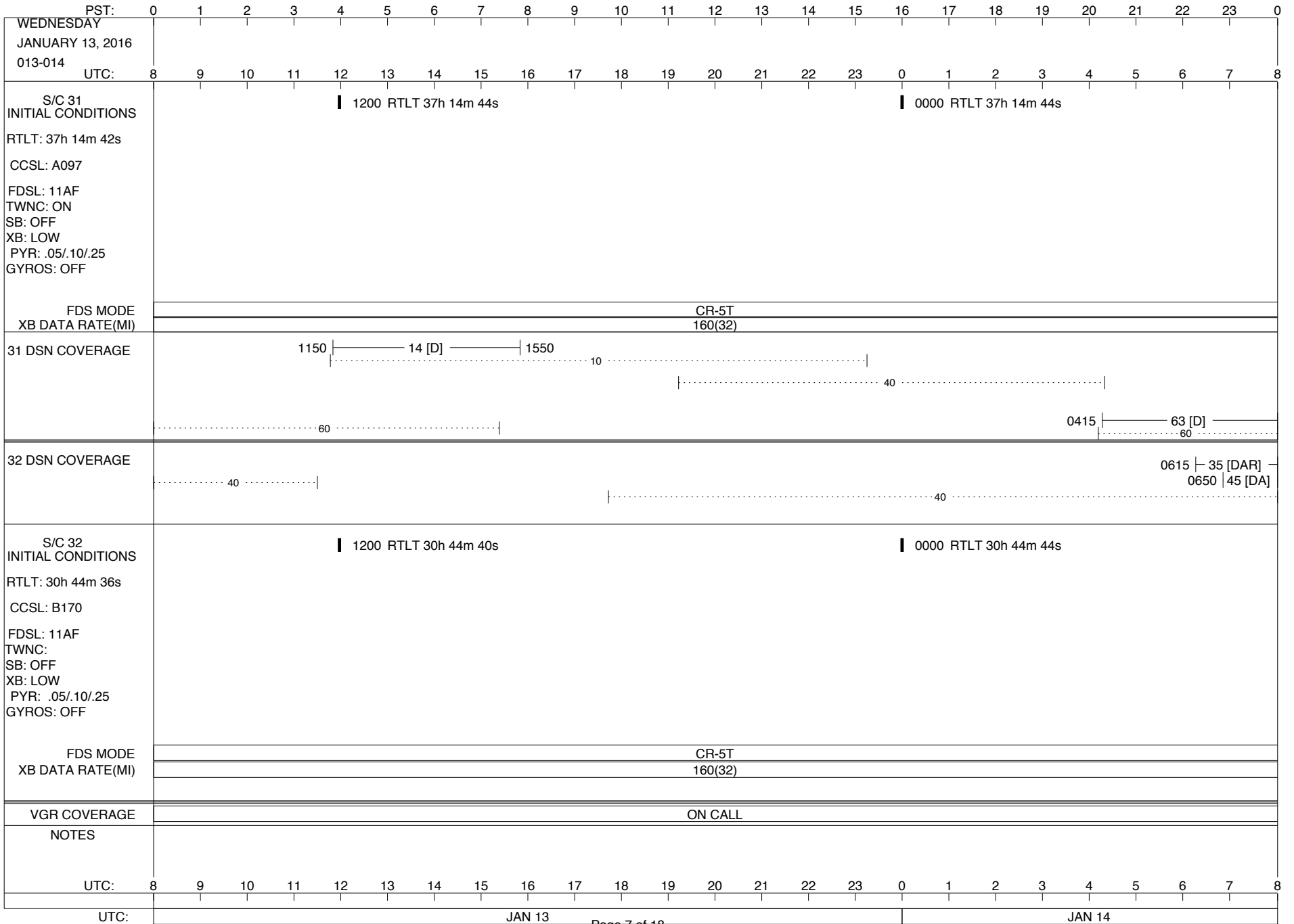
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S/C 31 INITIAL CONDITIONS RTLT: 37h 14m 40s CCSL: A097 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 37h 14m 40s												0000 RTLT 37h 14m 42s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	1155   14 [D]   1420												0825 63 [D]   0420   63 [D]   0700												
32 DSN COVERAGE	1755   43 [B]   2040																								
S/C 32 INITIAL CONDITIONS RTLT: 30h 44m 20s CCSL: B170 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 30h 44m 24s												0000 RTLT 30h 44m 28s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL												VGR ON CALL												
NOTES																									
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ISSUE DATE: 01/07/16 08:00



ISSUE DATE: 01/07/16 08:00

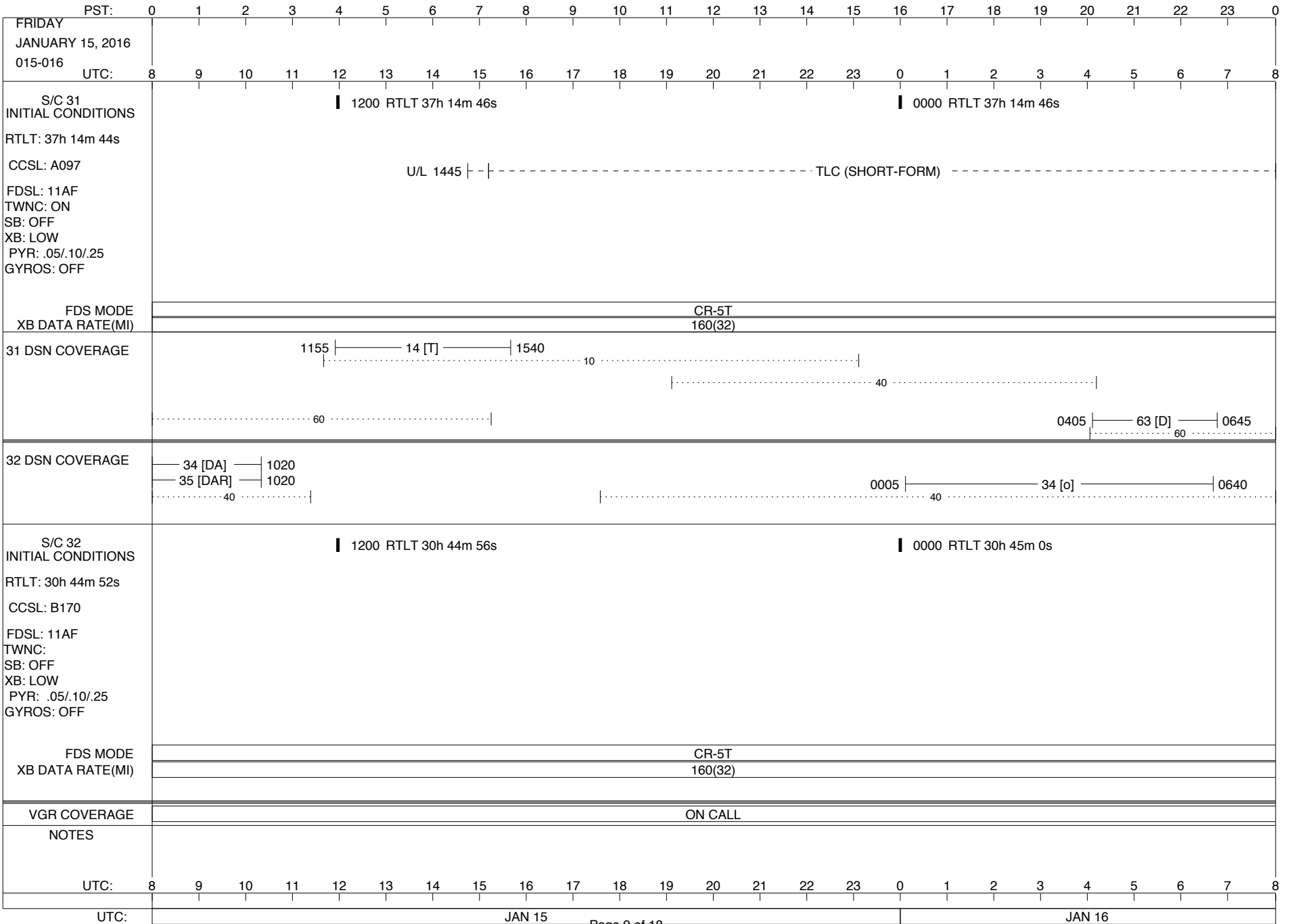




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S/C 31 INITIAL CONDITIONS RTLTL: 37h 14m 44s CCSL: A097 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 37h 14m 44s												█ 0000 RTLTL 37h 14m 44s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	.....  10 .....												.....  40 .....												
	- 63 [D] -   0925 .....												.....  60 .....												
32 DSN COVERAGE	- 35 [DAR] -   1025 .....												0415   - 34 [DA] - .....												
	- 45 [DA] -   1025 .....												.....  40 .....												
S/C 32 INITIAL CONDITIONS RTLTL: 30h 44m 44s CCSL: B170 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 30h 44m 48s												█ 0000 RTLTL 30h 44m 52s												
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 @ 0420 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 14												JAN 15												

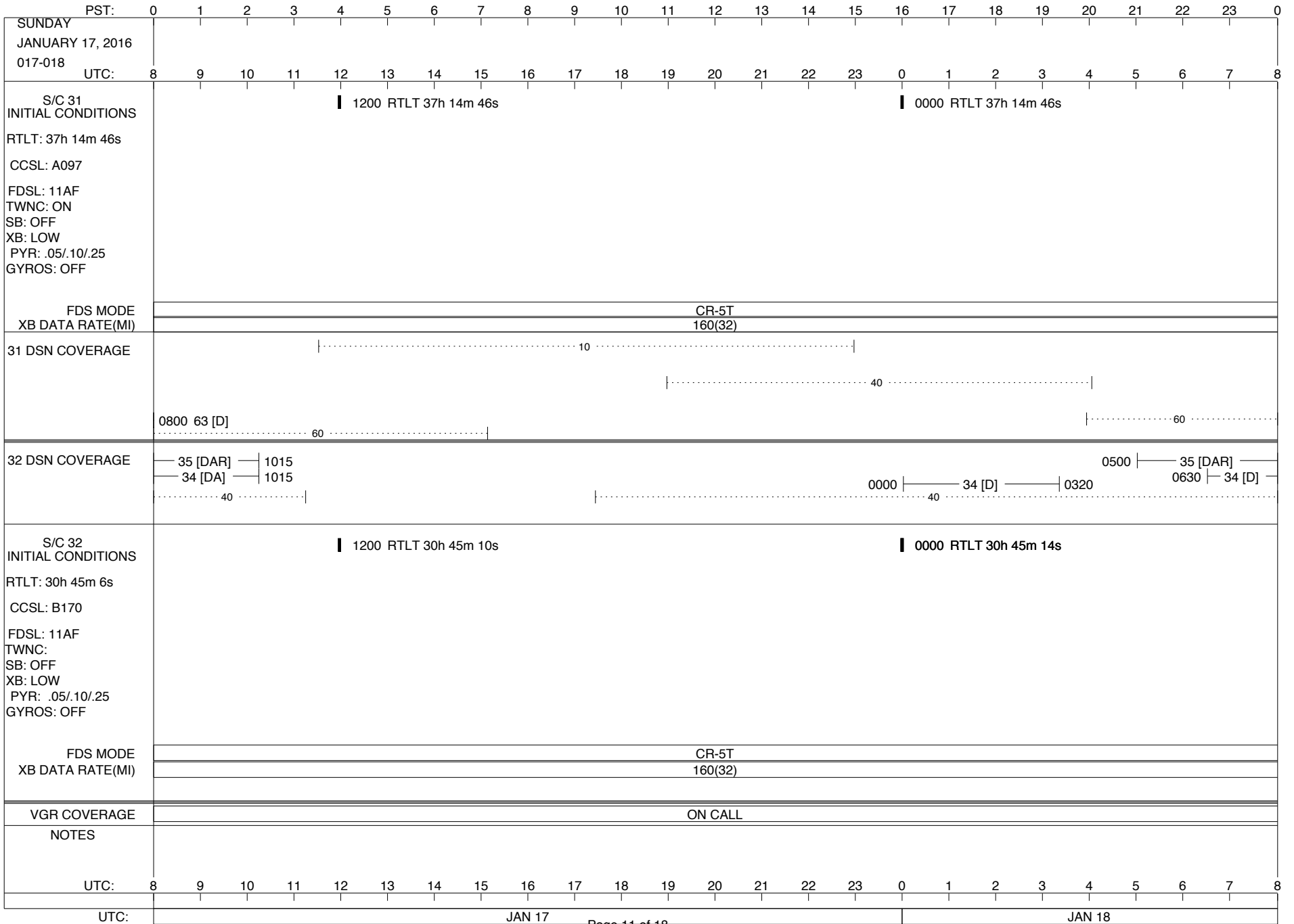
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ISSUE DATE: 01/07/16 08:00

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SATURDAY JANUARY 16, 2016 016-017	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: 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 ..... -----  60 ..... -----												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: 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												

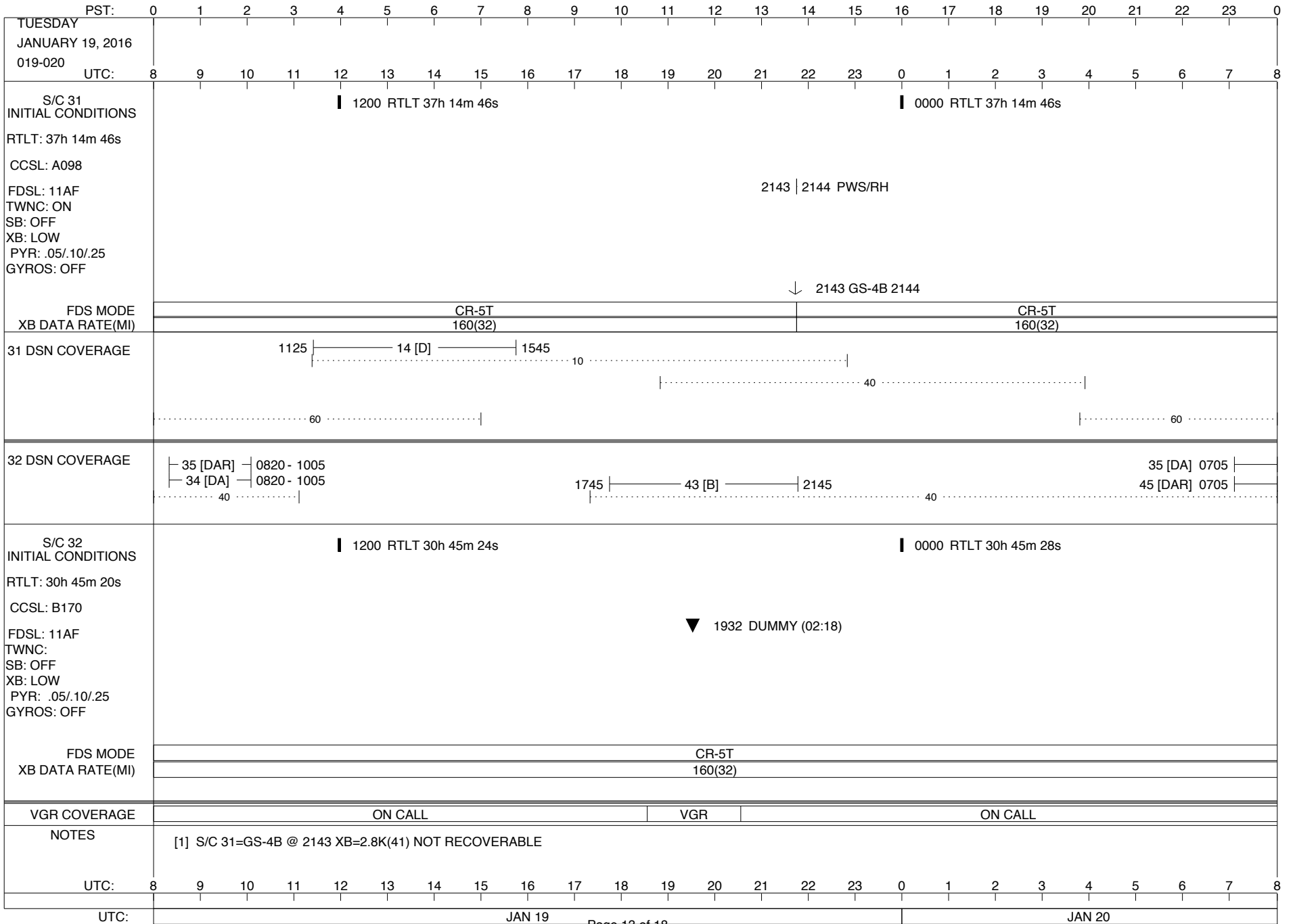
ISSUE DATE: 01/07/16 08:00



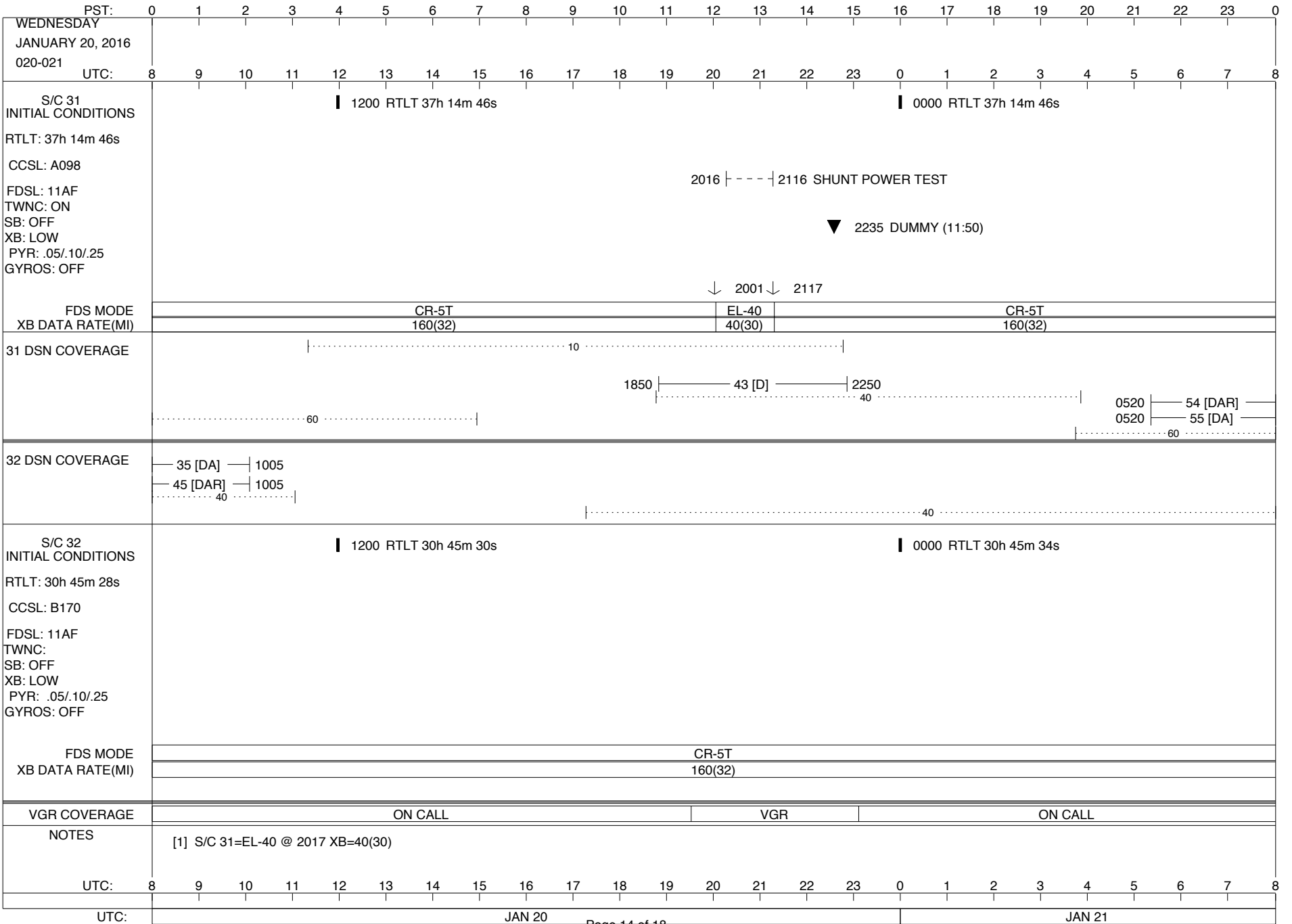
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MONDAY JANUARY 18, 2016 018-019																											
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S/C 31 INITIAL CONDITIONS RTLTL: 37h 14m 46s CCSL: A097 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	BEGIN SEQUENCE A098 0346 ↓																										
FDS MODE	CR-5T																										
XB DATA RATE(MI)	160(32)																										
31 DSN COVERAGE	<p>1130  ----- 14 [D] -----  1530</p> <p>..... 10 .....  ..... 40 ..... </p> <p>..... 60 .....  ..... 60 .....</p>																										
32 DSN COVERAGE	<p>--- 35 [DAR] ---  1010</p> <p>--- 34 [D] ---  1010</p> <p>..... 40 .....  ..... 40 .....</p>																										
S/C 32 INITIAL CONDITIONS RTLTL: 30h 45m 14s CCSL: B170 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>█ 1200 RTLTL 30h 45m 18s</p> <p>█ 0000 RTLTL 30h 45m 20s</p>																										
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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ISSUE DATE: 01/07/16 08:00



ISSUE DATE: 01/07/16 08:00

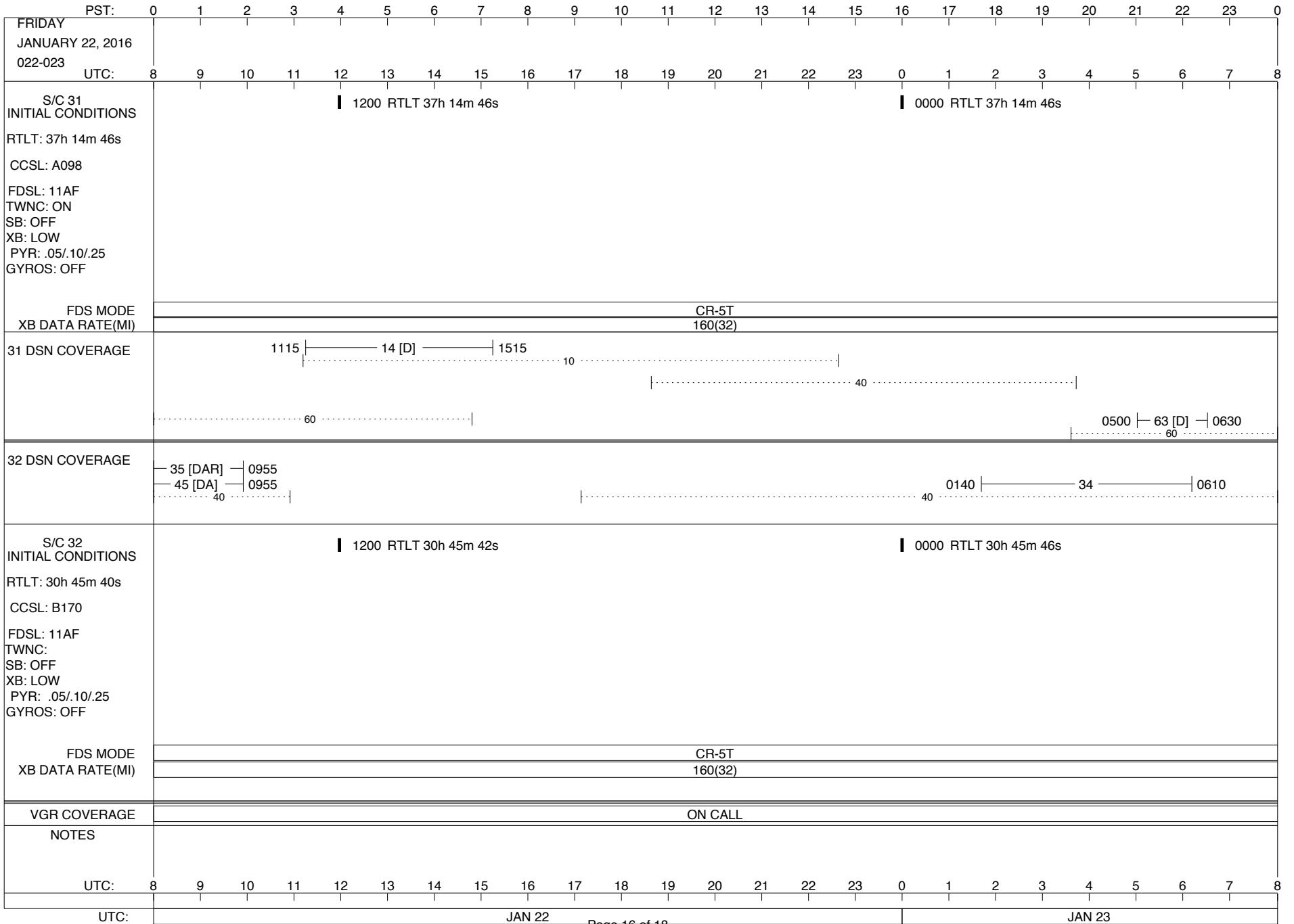


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S/C 31 INITIAL CONDITIONS RTLTL: 37h 14m 46s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 37h 14m 46s												█ 0000 RTLTL 37h 14m 46s												
	↓ 1318 GYROS AC ON												0054   0056 TAPPOS						0357   0357 PWS/RH						
	↓ 1318 GYRO INIT																		0408   0420 TAPPOS						
	↓ 1327 GYRO FAULT TEST																								
																			↓ 0357 GS-4B 0357						
FDS MODE	CR-5T												CR-5T						CR-5T						
XB DATA RATE(MI)	160(32)												160(32)						160(32)						
31 DSN COVERAGE	1115  -----  14 [D]  -----  1345												.....10..... -----  40 .....						.....60.....						
	55 [DA]  -----  0920 54 [DAR]												.....60.....						.....60.....						
32 DSN COVERAGE	0910  -----  1010 34 [DAR]												.....40.....						35 [DAR] 0655						
	0910  -----  1010 45 [DA]												.....40.....						45 [DA] 0655						
S/C 32 INITIAL CONDITIONS RTLTL: 30h 45m 34s CCSL: B170 FDSL: 11AF TWNC: 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						CR-5T						
XB DATA RATE(MI)	160(32)												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
UTC:	JAN 21												Page 15 of 18						JAN 22						



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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 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												
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												
32 DSN COVERAGE	40  -----												40  -----  0610  -----  34 [D]  -----												
S/C 32 INITIAL CONDITIONS RTLTL: 30h 45m 46s CCSL: B170 FDSL: 11AF TWNC: 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																								
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ISSUE DATE: 01/07/16 08:00

