

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: January 4, 2012

For the Period: 01/05/12 to 01/23/12 (12-005 – 12-023)

DSN OPSCHIEF (1) 230-102

SCIENCE

FLIGHT TEAM (14) 600-100

DSOT (1) 230-102

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 Ludwig, R. (2)
 Matsumoto, S.
 Medina, E.
 Peralta, F.
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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

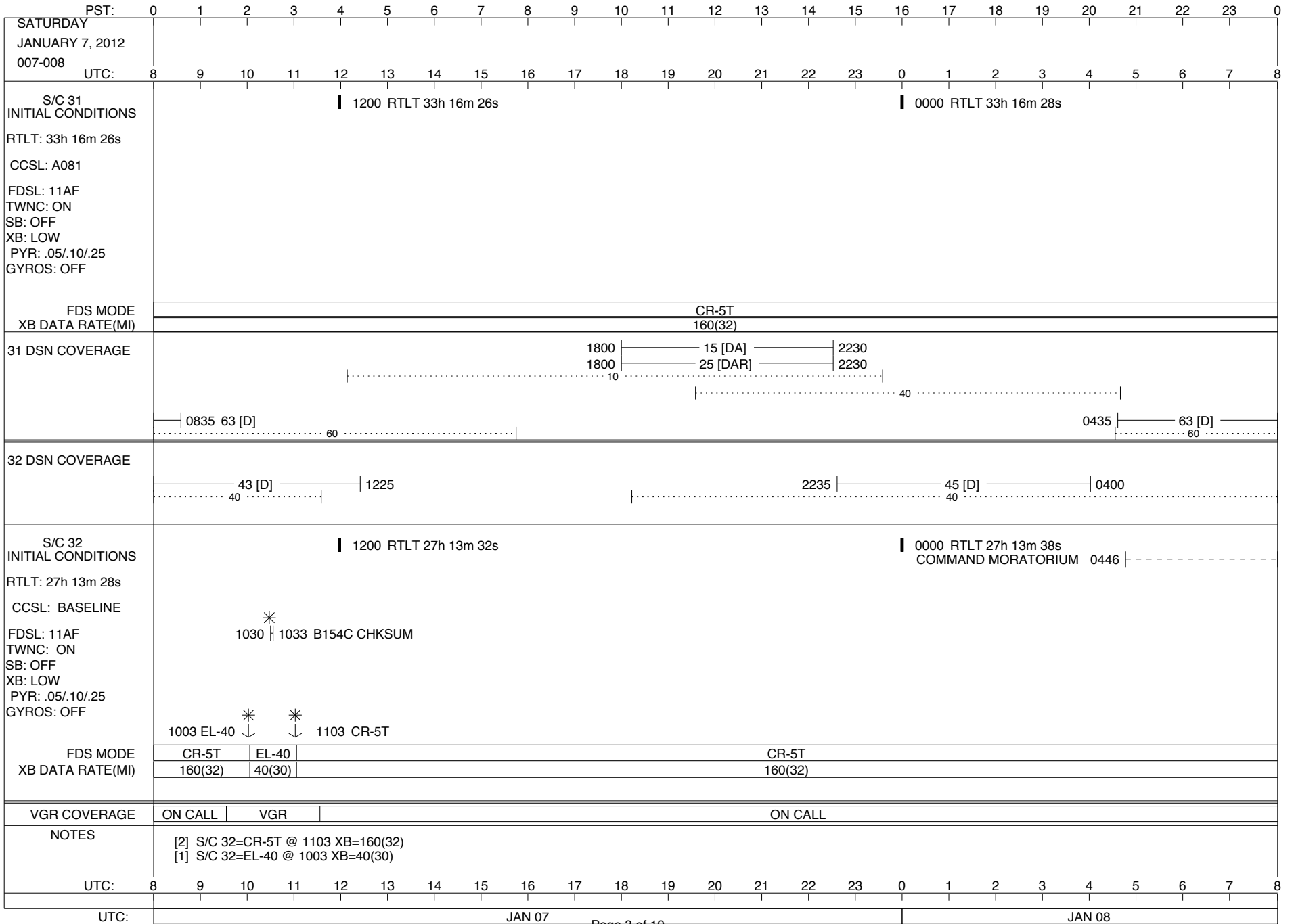
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S/C 31 INITIAL CONDITIONS RTLTL: 33h 16m 20s CCSL: A081 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF					█ 1200																				
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE					1220		14 [D]		1545																
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLTL: 27h 13m 8s CCSL: BASELINE 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:	JAN 05													JAN 06											

ISSUE DATE: 01/05/12 16:11

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S/C 31 INITIAL CONDITIONS RTLT: 33h 16m 22s CCSL: A081 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 33h 16m 24s												0000 RTLT 33h 16m 26s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	|.....10.....|												|.....40.....|												
	|0840 63 [D].....|												|.....0435.....63 [D].....|												
	.....60.....|												.....60.....|												
32 DSN COVERAGE	|.....43 [H].....|1225												|.....40.....43 [D] 0755 |												
	.....40.....|												|.....40.....|												
S/C 32 INITIAL CONDITIONS RTLT: 27h 13m 18s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 27h 13m 24s												0000 RTLT 27h 13m 28s												
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 @ 0456 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 06												JAN 07												

ISSUE DATE: 01/05/12 16:11



ISSUE DATE: 01/05/12 16:11

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S/C 31 INITIAL CONDITIONS RTLT: 33h 16m 28s CCSL: A081 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 33h 16m 28s												0000 RTLT 33h 16m 30s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	1820 | 25 [DA] | 2220 1820 | 26 [DAR] | 2220 10 40 60												0445 | 63 60												
32 DSN COVERAGE	..... 40 40												2355 | 43 [D] | 0230 40 43 [DA] 0720 45 [DAR] 0720											
S/C 32 INITIAL CONDITIONS RTLT: 27h 13m 38s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 27h 13m 42s												0000 RTLT 27h 13m 46s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												COMMAND MORATORIUM												
VGR COVERAGE	ON CALL												BAY 1 HTR OFF 0730↓ X/B HI POWER 0734↓ AACS MRO 0755 | ↓ 2318 BEGIN SEQUENCE B154C EH-12 0740↓												
NOTES	[1] S/C 32=EH-12 XB=1.2K(39) @ 0740																								
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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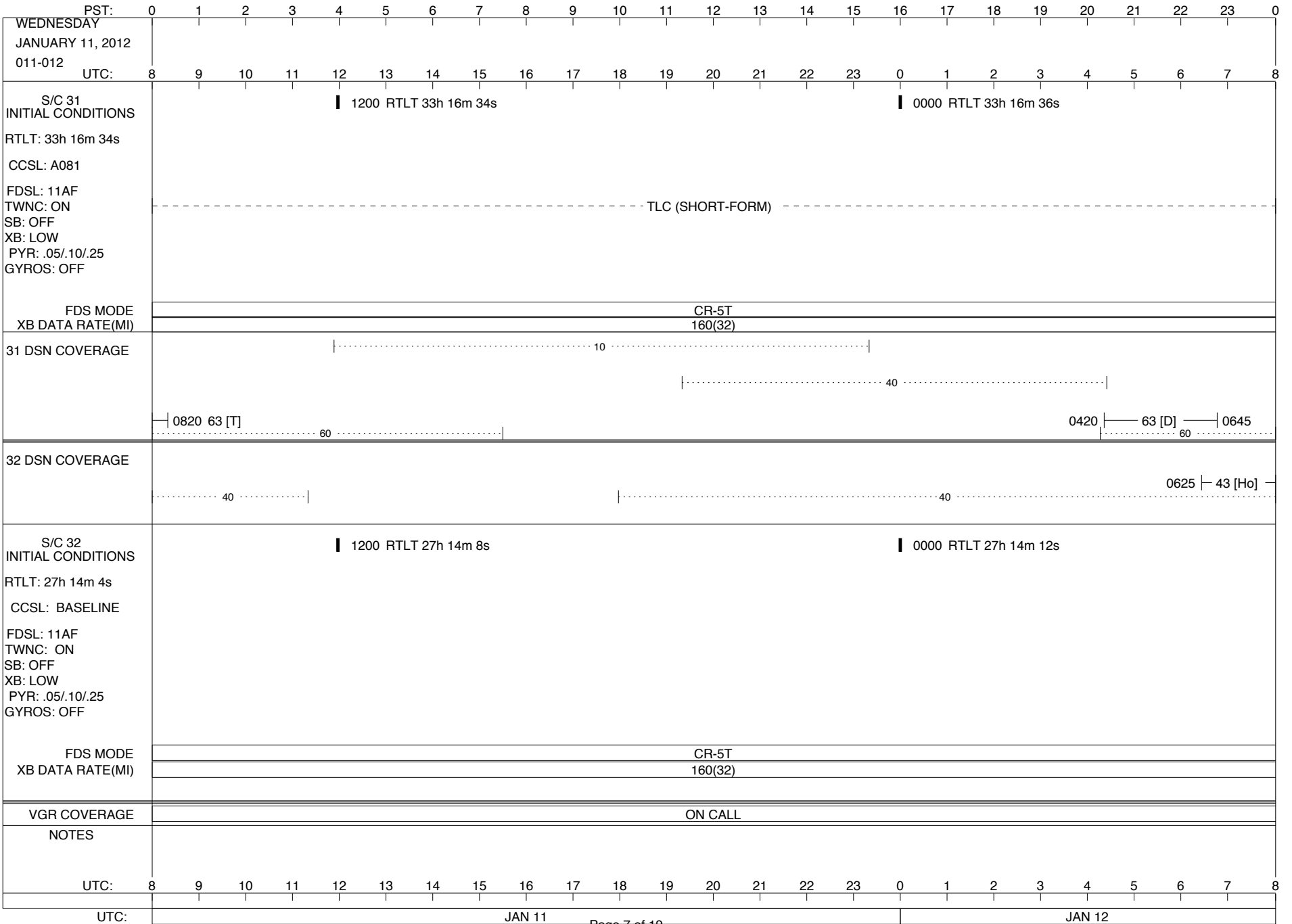
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S/C 31 INITIAL CONDITIONS RTLTL: 33h 16m 30s CCSL: A081 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 33h 16m 30s												0000 RTLTL 33h 16m 32s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	63 0855 10 40 60 0545 63 [D] 60																								
32 DSN COVERAGE	43 [DA] 1030 0845 45 [DAR] 40 0530 43 [D] 40																								
S/C 32 INITIAL CONDITIONS RTLTL: 27h 13m 46s CCSL: B154C FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 27h 13m 50s												0000 RTLTL 27h 13m 56s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												COMMAND MORATORIUM 0416												
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] S/C 32=CR-5T XB=160(32) @ 0844																								
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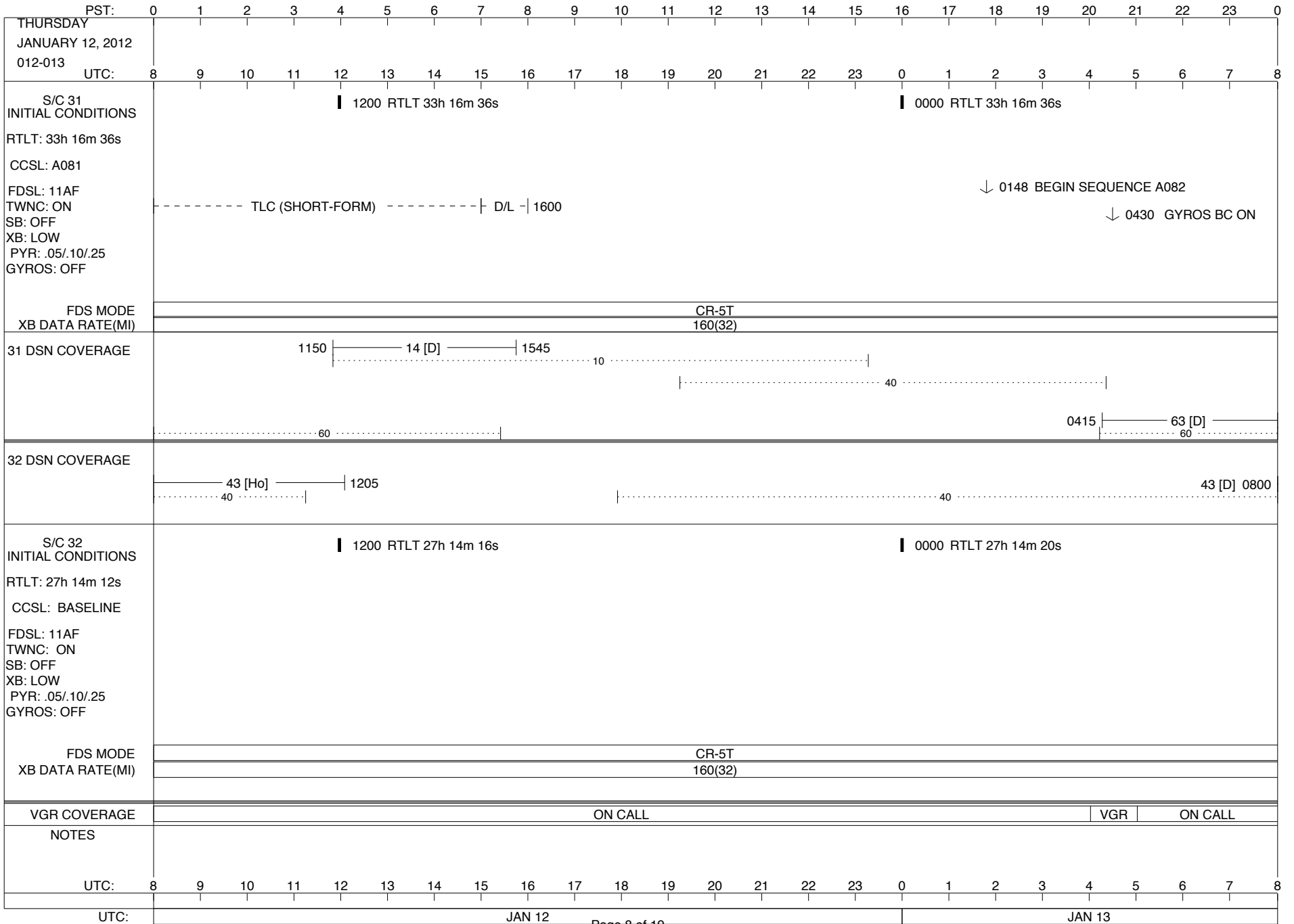
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TUESDAY																																				
JANUARY 10, 2012																																				
010-011																																				
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S/C 31 INITIAL CONDITIONS		1200 RTLT 33h 16m 32s														0000 RTLT 33h 16m 34s																				
RTLT: 33h 16m 32s																																				
CCSL: A081		* 1503 || 1507 A082A CHKSUM																																		
FDSL: 11AF		* 1529 | 1530 2 AHELIO SID MRO'S																																		
TWNC: ON		2232 | 2233 PWS/RH																																		
SB: OFF		U/L 0515 | - | - | TLC (SHORT-FORM) | - - - - -																																		
XB: LOW																																				
PYR: .05/10/25																																				
GYROS: OFF																																				
FDS MODE		CR-5T							EL-40							CR-5T							CR-5T													
XB DATA RATE(MI)		160(32)							40(30)							160(32)							160(32)													
31 DSN COVERAGE		1200 |-----| 14 [D] |-----| 1545 .....|-----| 10 .....|-----| 40 .....|-----| |-----| 0850 63 [D] .....|-----| 0450 |-----| 63 [T] |-----| .....|-----| 60 .....|-----| 60 .....|-----|																																		
32 DSN COVERAGE		|-----| 43 [D] |-----| 1015 .....|-----| 2335 |-----| 43 [B] |-----| 0315 .....|-----| 40 .....|-----| 40 .....|-----|																																		
S/C 32 INITIAL CONDITIONS		1200 RTLT 27h 14m 0s														0000 RTLT 27h 14m 4s																				
RTLT: 27h 13m 56s																																				
CCSL: BASELINE		2342 | PLSCAL - | 0125 2342 | - - - MAGCAL - - - - | 0245 2342 | - - - - PESCAL - - - - | 0302																																		
FDSL: 11AF		▼ 2352 DUMMY (5 MIN BRACKETED 03:07)																																		
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							VGR							ON CALL						
NOTES		[1] S/C 31=EL-40 XB=40(30) @ 1432 [2] S/C 31=CR-5T XB=160(32) @ 1532 [3] S/C 31=GS-4B @ 2232 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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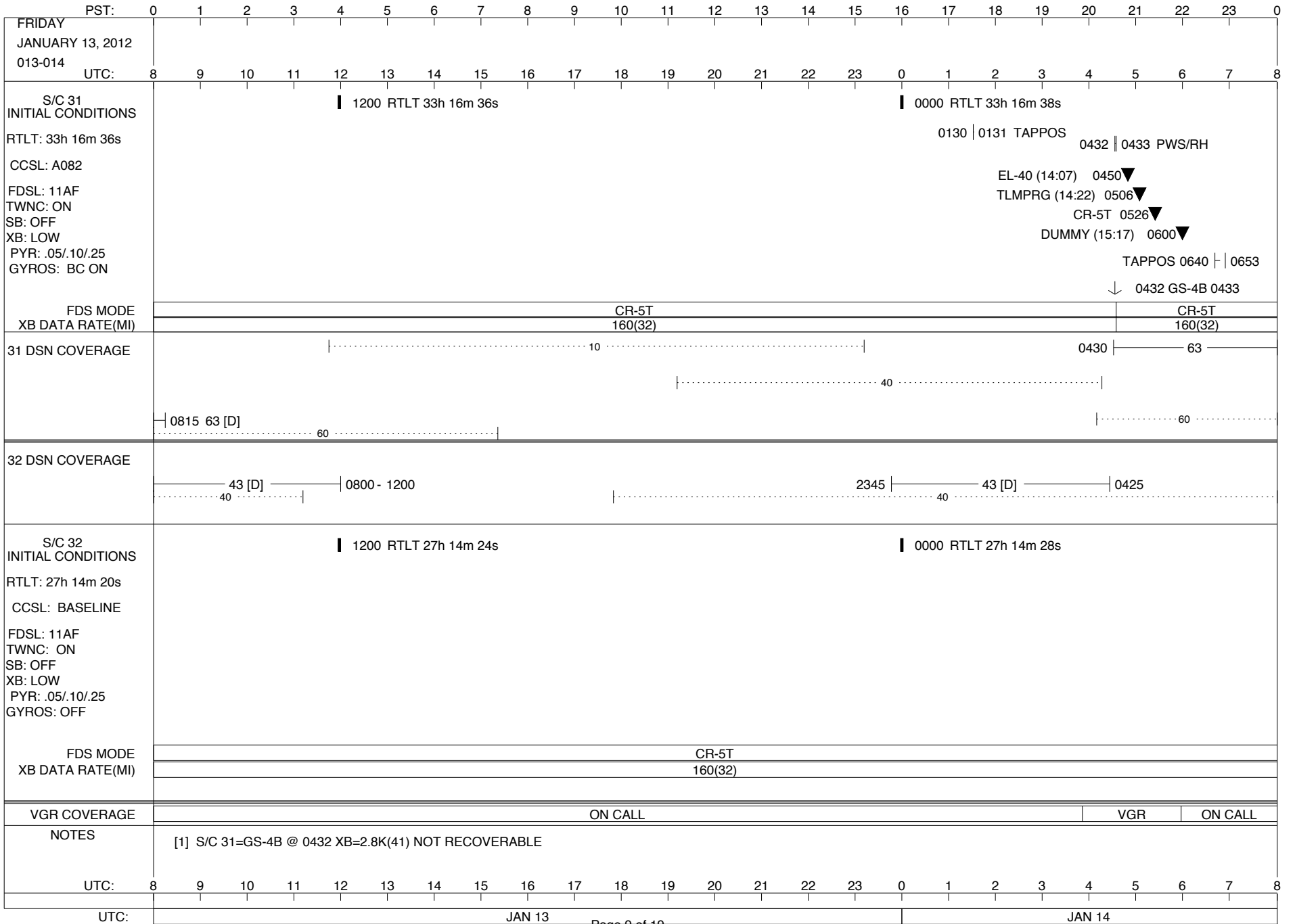
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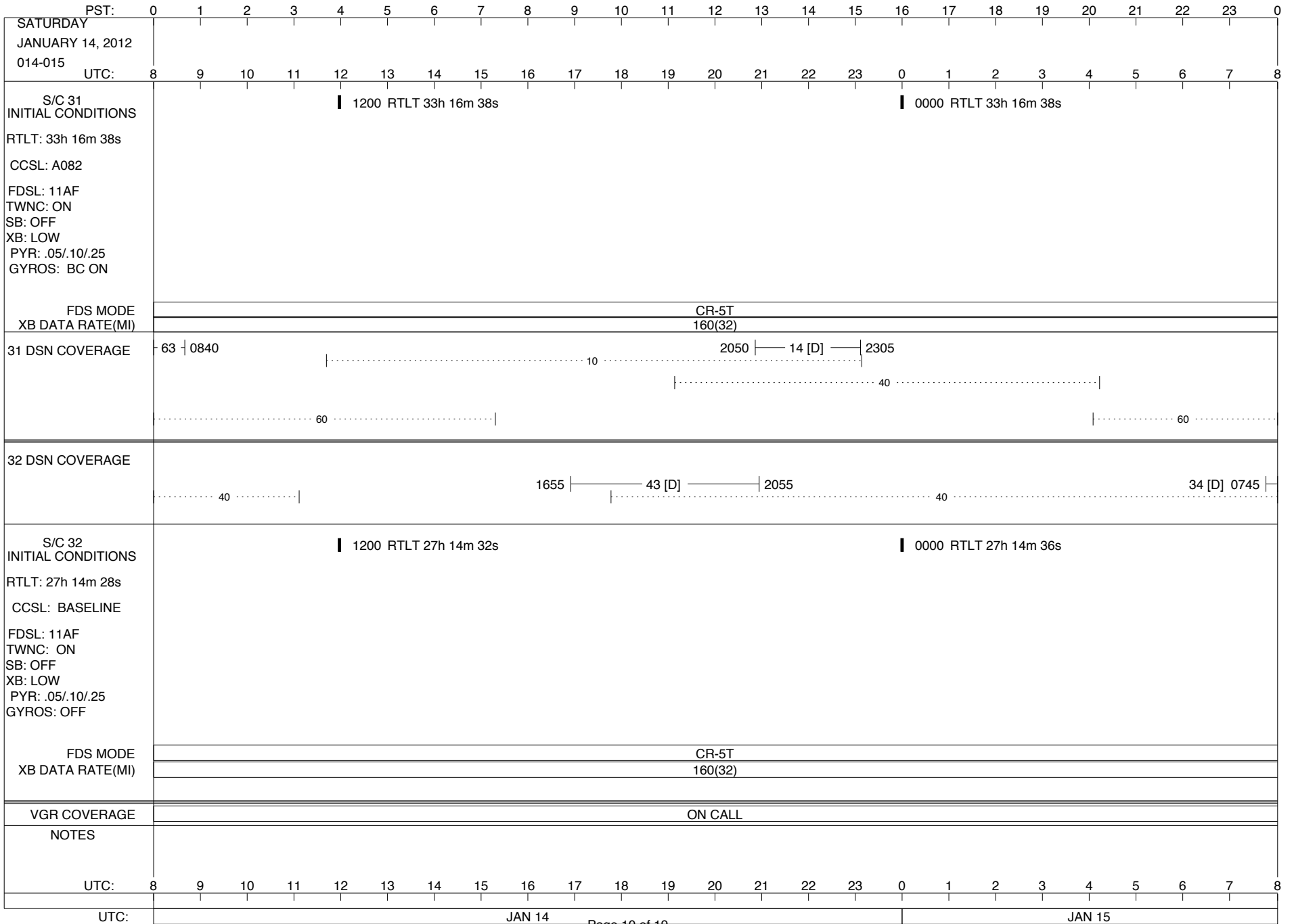


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ISSUE DATE: 01/05/12 16:11

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SUNDAY																											
JANUARY 15, 2012																											
015-016																											
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<p>S/C 31 INITIAL CONDITIONS</p> <p>RTLT: 33h 16m 38s</p> <p>CCSL: A082</p> <p>FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: BC ON</p> <p style="text-align: center;"> 1200 RTLT 33h 16m 38s 0000 RTLT 33h 16m 40s </p> <p style="text-align: center;"> ↓ 1337 BL GYROS BC ALWAYS - ECR 111169 ↓ 1338 SIMPLIFY RT CMD GEN - ECR 111200 1341 1345 4 SID MRO'S * 1422 1434 TLMPRG * * EL-40 1408 ↓ ↓ 1443 </p>																											
<p>FDS MODE</p> <p>XB DATA RATE(MI)</p> <p style="text-align: center;">CR-5T 160(32)</p>																											
<p>31 DSN COVERAGE</p> <p style="text-align: center;">1140 |-----| 14 [D] |-----| 1615</p> <p style="text-align: center;">.....10.....</p> <p style="text-align: center;">.....40.....</p> <p style="text-align: center;">.....60.....</p> <p style="text-align: right;">0400 | 63 [D] | 0515</p> <p style="text-align: right;">.....60.....</p>																											
<p>32 DSN COVERAGE</p> <p style="text-align: center;">34 [D] |-----| 0955</p> <p style="text-align: center;">.....40.....</p> <p style="text-align: center;">1650 |-----| 43 [D] |-----| 2050</p> <p style="text-align: center;">.....40.....</p>																											
<p>S/C 32 INITIAL CONDITIONS</p> <p>RTLT: 27h 14m 36s</p> <p>CCSL: BASELINE</p> <p>FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF</p> <p style="text-align: center;"> 1200 RTLT 27h 14m 40s 0000 RTLT 27h 14m 44s </p>																											
<p>FDS MODE</p> <p>XB DATA RATE(MI)</p> <p style="text-align: center;">CR-5T 160(32)</p>																											
<p>VGR COVERAGE</p> <p style="text-align: center;">ON CALL VGR ON CALL</p>																											
<p>NOTES</p> <p>[1] S/C 31=EL-40 XB=40(30) @ 1408</p> <p>[2] S/C 31=CR-5T XB=160(32) @ 1443</p>																											
	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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S/C 31 INITIAL CONDITIONS RTLTL: 33h 16m 40s CCSL: A082 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	FDS MODE																										
XB DATA RATE(MI)																											
31 DSN COVERAGE																											
32 DSN COVERAGE																											
S/C 32 INITIAL CONDITIONS RTLTL: 27h 14m 44s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF																											
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:	JAN 16													JAN 17													

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			
TUESDAY JANUARY 17, 2012 017-018																													
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: 33h 16m 40s CCSL: A082 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON		█ 1200 RTLT 33h 16m 40s ↓ 1142 BAY 1 HTR OFF ↓ 1146 X/B HI POWER 1159 | 1200 AACS MRO ↓ 1201 AAI 1211 | LECP OBS - | 1419 ↓ 1459 RAI 1514 | 1515 AACS MRO ↓ 1516 GYRO FAULT TEST											█ 0000 RTLT 33h 16m 40s 2208 | 2209 PWS/RH ↓ 2208 GS-4B 2209 0411 | 0412 AACS MRO ↓ 0413 AAI 0423 | LECP OBS - | 0631 RAI 0711 ↓ AACS MRO 0726 - 0727 | GYRO FAULT TEST 0728 ↓																
FDS MODE																		CR-5T											
XB DATA RATE(MI)																		160(32)											
31 DSN COVERAGE		1130 |----- 14 [D] -----| 1545 10 40 60 0355 - 0755 |----- 63 [D] -----| ..... 60																											
32 DSN COVERAGE		..... 40 2245 |----- 43 [H] -----| 0230 40																											
S/C 32 INITIAL CONDITIONS RTLT: 27h 14m 50s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		█ 1200 RTLT 27h 14m 54s											█ 0000 RTLT 27h 14m 58s 0059 |----- COMMAND MORATORIUM -----|																
FDS MODE																		CR-5T											
XB DATA RATE(MI)																		160(32)											
VGR COVERAGE		ON CALL							VGR							ON CALL							VGR						
NOTES		[1] S/C 31=GS-4B @ 2208 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 17														JAN 18													

ISSUE DATE: 01/05/12 16:11

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WEDNESDAY JANUARY 18, 2012 018-019																													
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: 33h 16m 40s CCSL: A082 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON		█ 1200 RTLT 33h 16m 40s												█ 0000 RTLT 33h 16m 40s															
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)															
31 DSN COVERAGE		|.....|										|.....|										0350 |-----| 63 [D] |-----| 0645							
32 DSN COVERAGE		|.....|				|.....|														0115 |-----| 43 [D] |-----| 0530									
S/C 32 INITIAL CONDITIONS RTLT: 27h 14m 58s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		█ 1200 RTLT 27h 15m 0s												█ 0000 RTLT 27h 15m 4s															
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)												EL-40 40(30)								CR-5T 160(32)							
VGR COVERAGE		ON CALL																VGR				ON CALL							
NOTES		<p>[1] S/C 32=EL-40 XB=40(30) @ 0303</p> <p>[2] S/C 32=CR-5T XB=160(32) @ 0403</p>																											
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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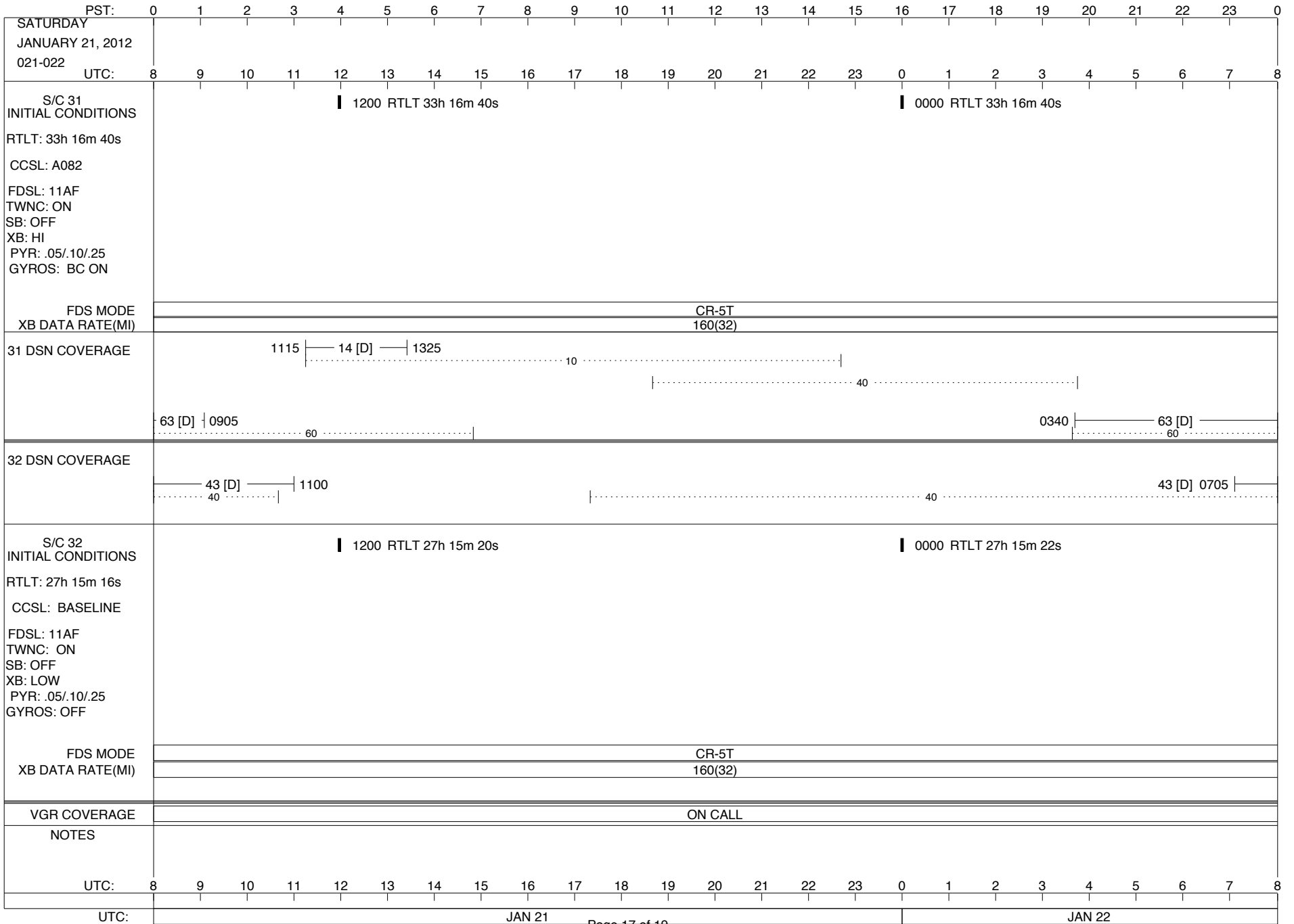
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THURSDAY JANUARY 19, 2012 019-020																										
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S/C 31 INITIAL CONDITIONS RTLT: 33h 16m 40s CCSL: A082 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON					█ 1200												█ 0000									
FDS MODE XB DATA RATE(MI)																										
31 DSN COVERAGE					1125		14 [D]		1305																	
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS RTLT: 27h 15m 4s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF																										
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:																										

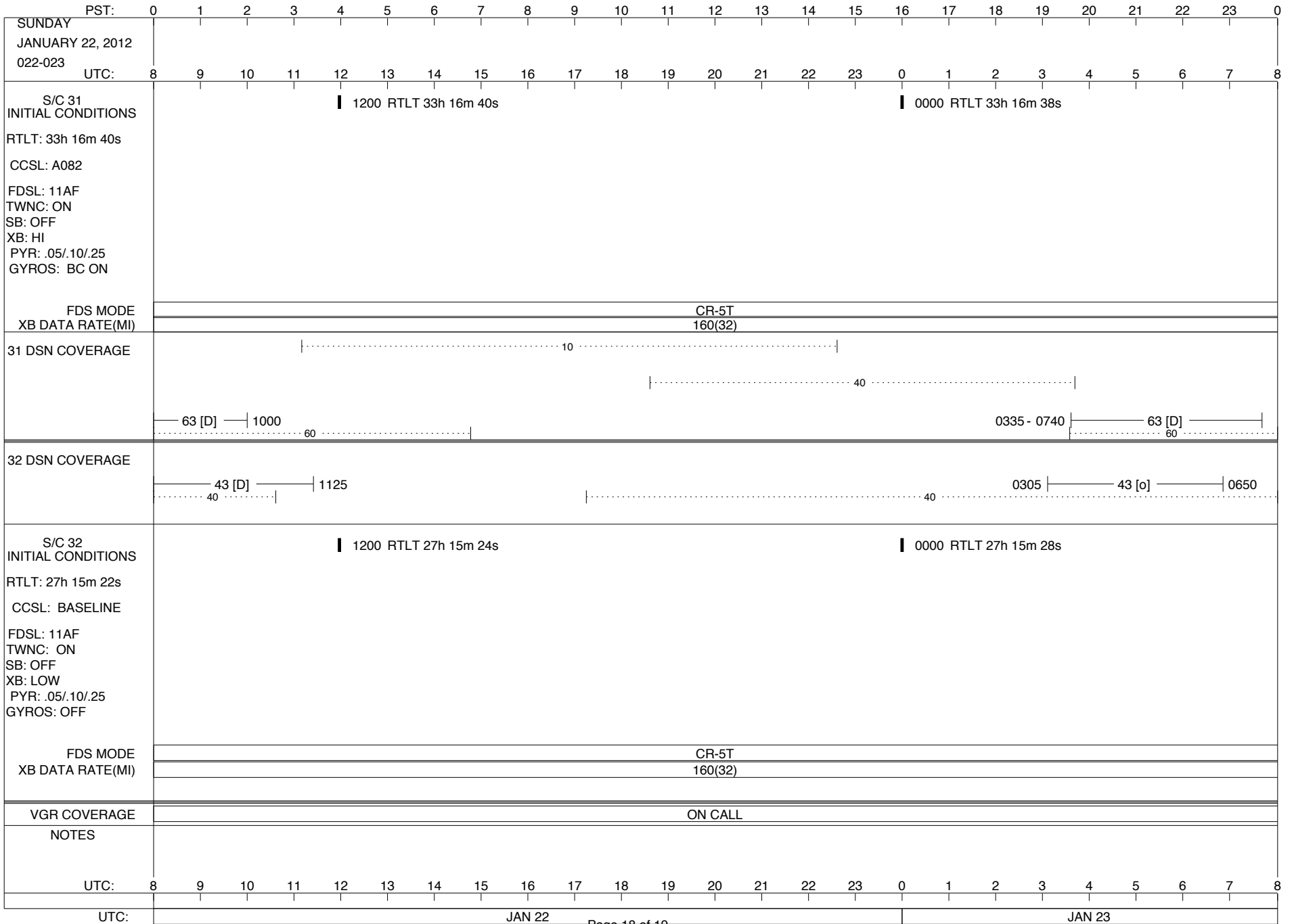
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S/C 31 INITIAL CONDITIONS RTLT: 33h 16m 40s CCSL: A082 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON		1200 RTLT 33h 16m 40s													0000 RTLT 33h 16m 40s												
FDS MODE		CR-5T													CR-5T												
XB DATA RATE(MI)		160(32)													160(32)												
31 DSN COVERAGE		<p>.....|.....10.....|.....</p> <p>.....|.....40.....|.....</p> <p>63 [D] | 1055 | 0345 | 63 [D]</p> <p>60 | 60</p>																									
32 DSN COVERAGE		<p>.....40.....|.....40.....|.....0535 | 43 [D]</p>																									
S/C 32 INITIAL CONDITIONS RTLT: 27h 15m 10s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 27h 15m 14s													0000 RTLT 27h 15m 16s												
FDS MODE		CR-5T													CR-5T												
XB DATA RATE(MI)		160(32)													160(32)												
VGR COVERAGE		VGR													ON CALL												
NOTES		[1] S/C 31=GS-4B @ 0408 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 20													JAN 21												

ISSUE DATE: 01/05/12 16:11



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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
MONDAY JANUARY 23, 2012 023-024																									
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: 33h 16m 38s CCSL: A082 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	<div style="text-align: center;"> <p>1200 RTLT 33h 16m 38s</p> </div>																								
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	<div style="text-align: center;"> <p>1105 | 14 [D] | 1305</p> <p>..... 10</p> <p>..... 60</p> </div>																								
32 DSN COVERAGE	<div style="text-align: center;"> <p>..... 40</p> </div>																								
S/C 32 INITIAL CONDITIONS RTLT: 27h 15m 28s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 27h 15m 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:	JAN 23												JAN 24												