

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: February 10, 2014

For the Period: 02/13/14 to 03/03/14 (14-042 – 14-062)

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

**DSOT (1) 230-102**

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 \*Donald-Gurnett@uiowa.edu

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

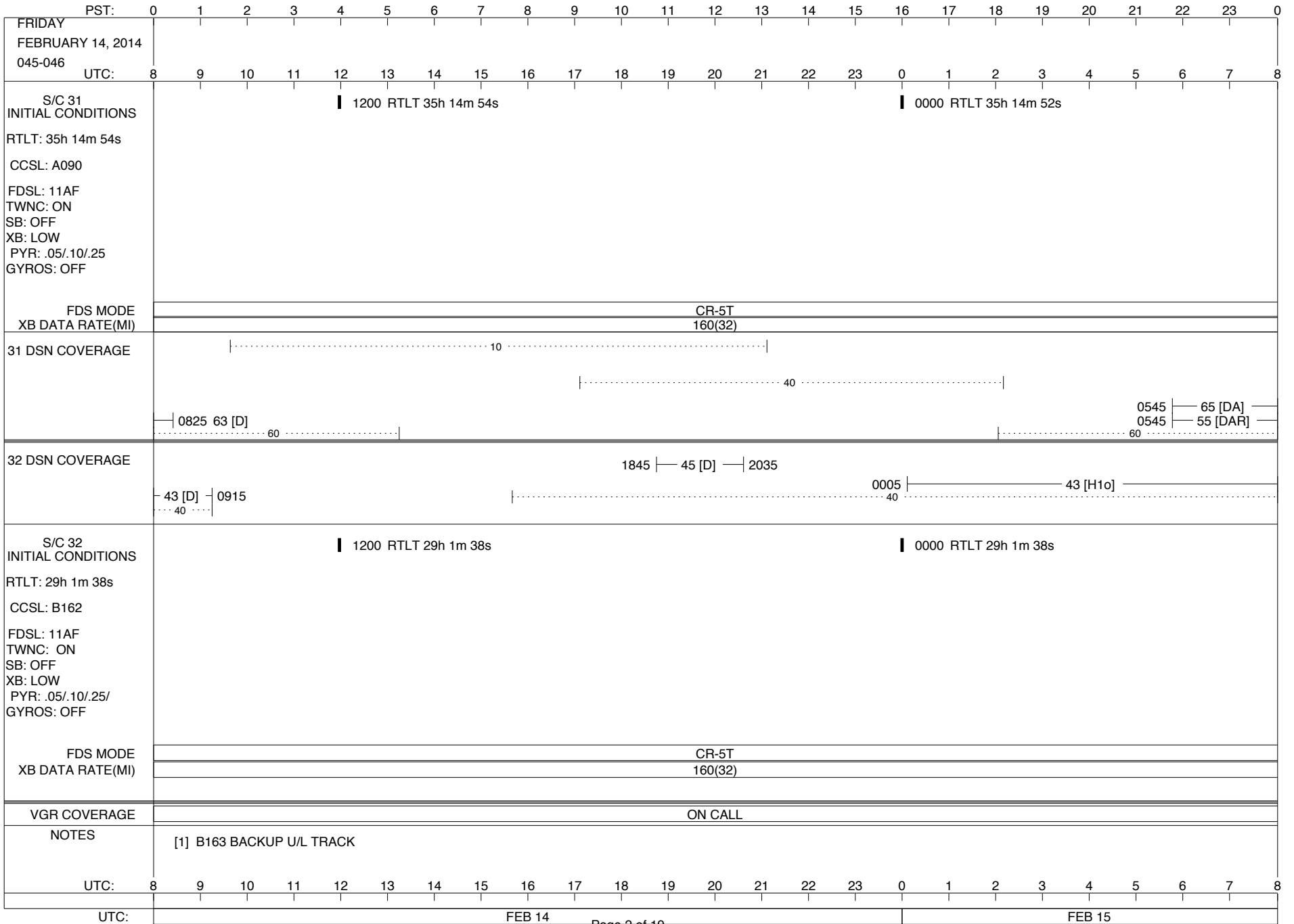
Dodd, S.  
 Hall, J.  
 Howard, S. (3)  
 Ludwig, R. (2)  
 Matsumoto, S.  
 Medina  
 Peralta, F.  
 Weeks, T.  
 Wong, R.  
 Yang, L.  
 Zottarelli, L.  
 \*odivers@san.rr.com

**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

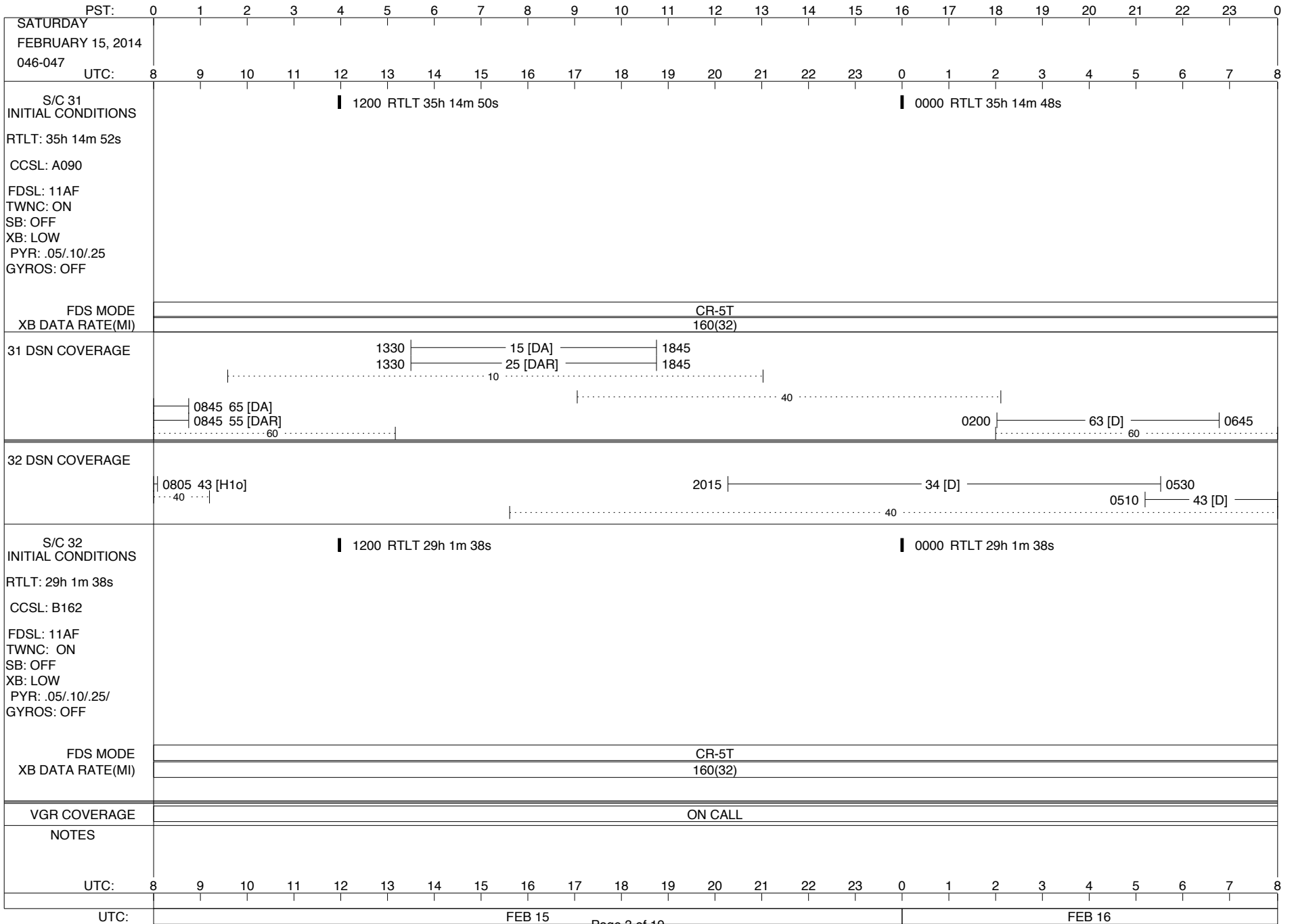
\*Electronic Copy Only  
 (16 – Dist/N: Paper Copies)  
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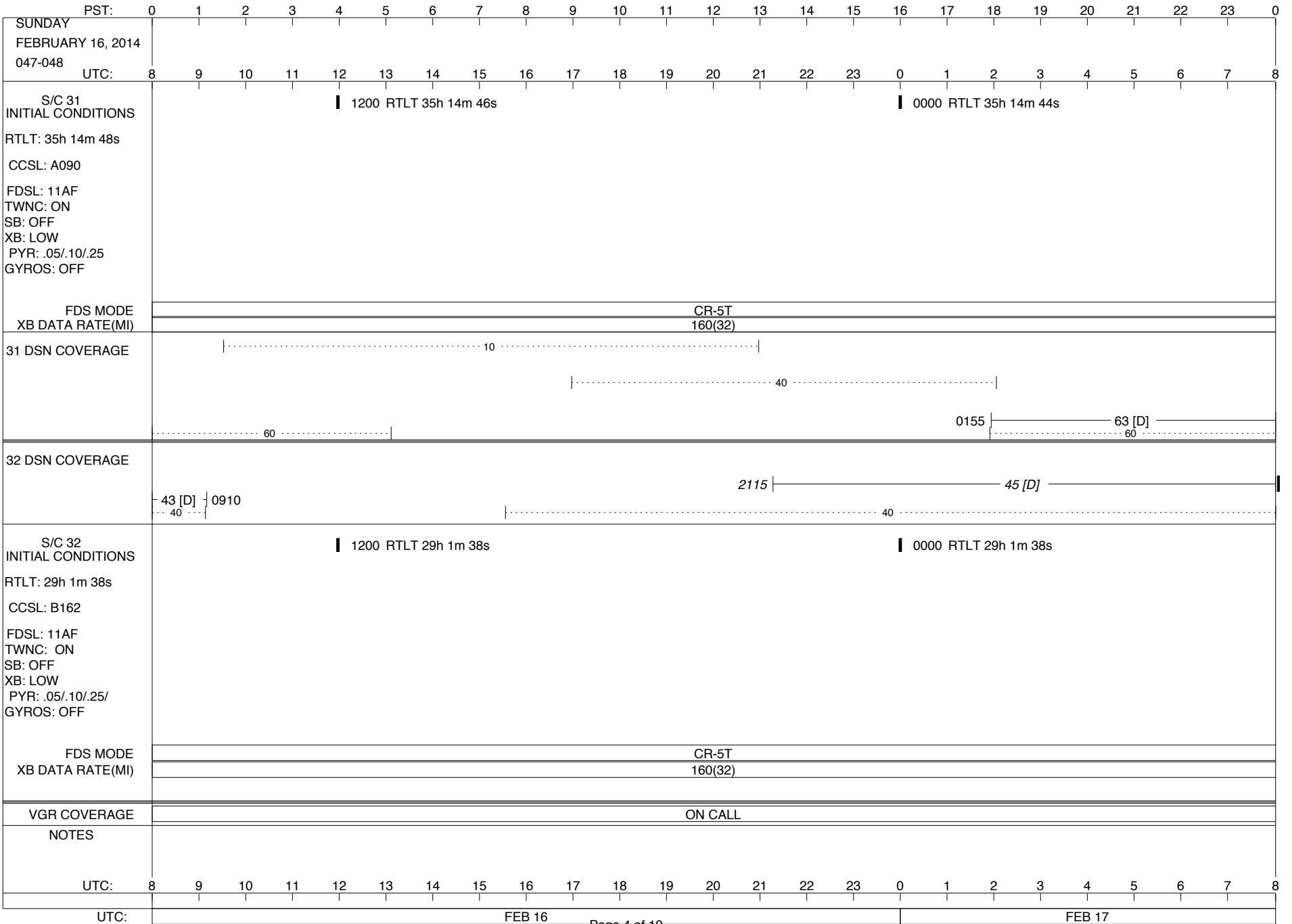
ISSUE DATE: 02/18/14 18:52



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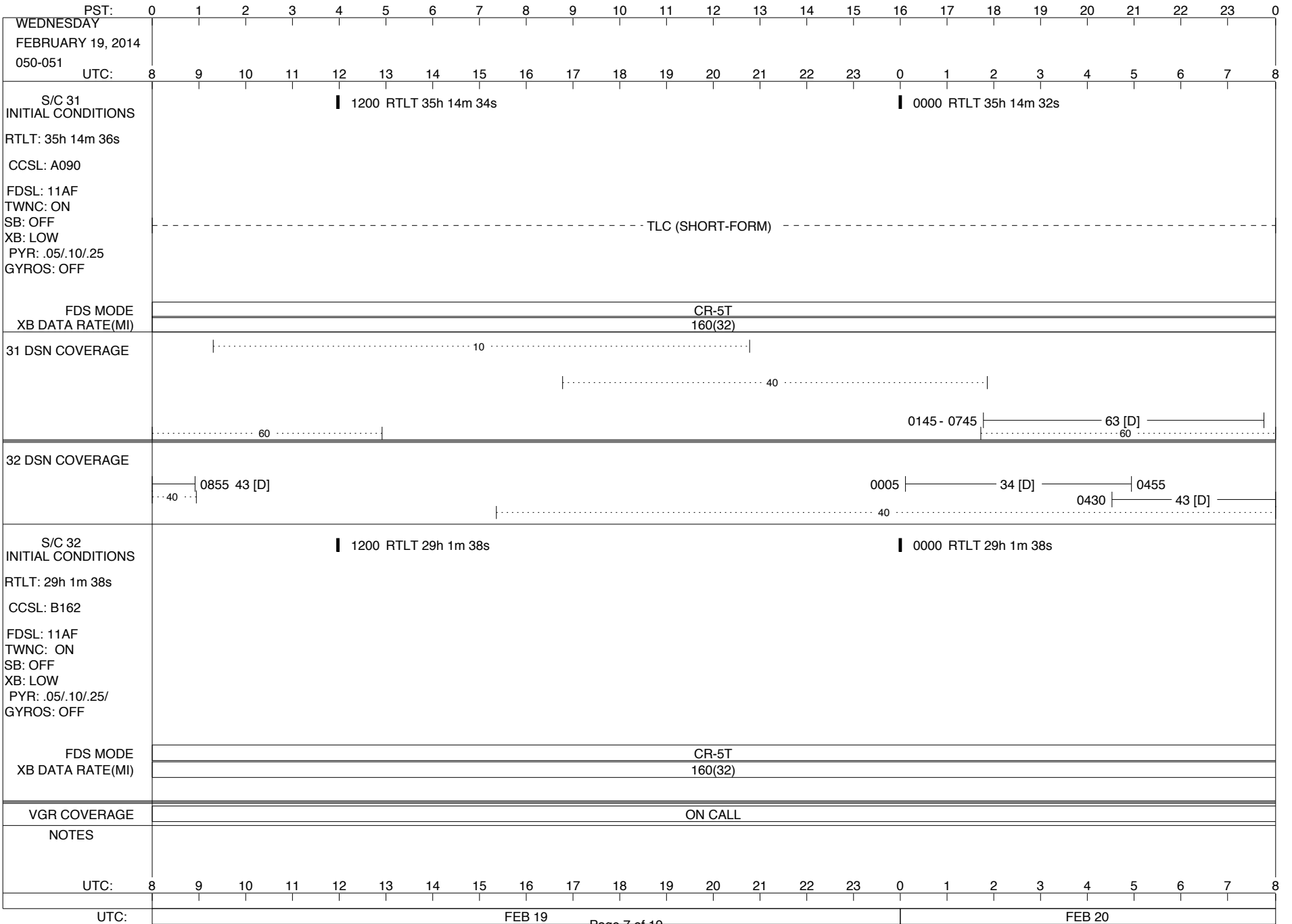
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MONDAY FEBRUARY 17, 2014 048-049																												
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS RTLT: 35h 14m 44s CCSL: A090 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF					█ 1200 RTLT 35h 14m 42s																					█ 0000 RTLT 35h 14m 40s		
FDS MODE XB DATA RATE(MI)																											CR-5T 160(32)	
31 DSN COVERAGE					.....																							
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS RTLT: 29h 1m 38s CCSL: B162 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF					█ 1200 RTLT 29h 1m 38s																						█ 0000 RTLT 29h 1m 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			
UTC:																												

JPL HOLIDAY!

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TUESDAY FEBRUARY 18, 2014 049-050		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																																							
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: 35h 14m 40s CCSL: A090 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 35h 14m 38s												0000 RTLT 35h 14m 36s																											
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)												CR-5T 160(32)																											
31 DSN COVERAGE		<p>1915   14   2045</p> <p>63 [D]   1135   60</p> <p>235   63 [T]   0645   60</p>																																							
32 DSN COVERAGE		<p>1900   45 [D]   2045   40</p> <p>0345   43 [D]</p>																																							
S/C 32 INITIAL CONDITIONS RTLT: 29h 1m 38s CCSL: B162 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF		1200 RTLT 29h 1m 38s												0000 RTLT 29h 1m 38s																											
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)																																							
VGR COVERAGE		ON CALL								VGR								ON CALL								VGR								ON CALL							
NOTES		[1] S/C 31=GS-4B @ 2019 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 18												FEB 19																											

ISSUE DATE: 02/18/14 18:52

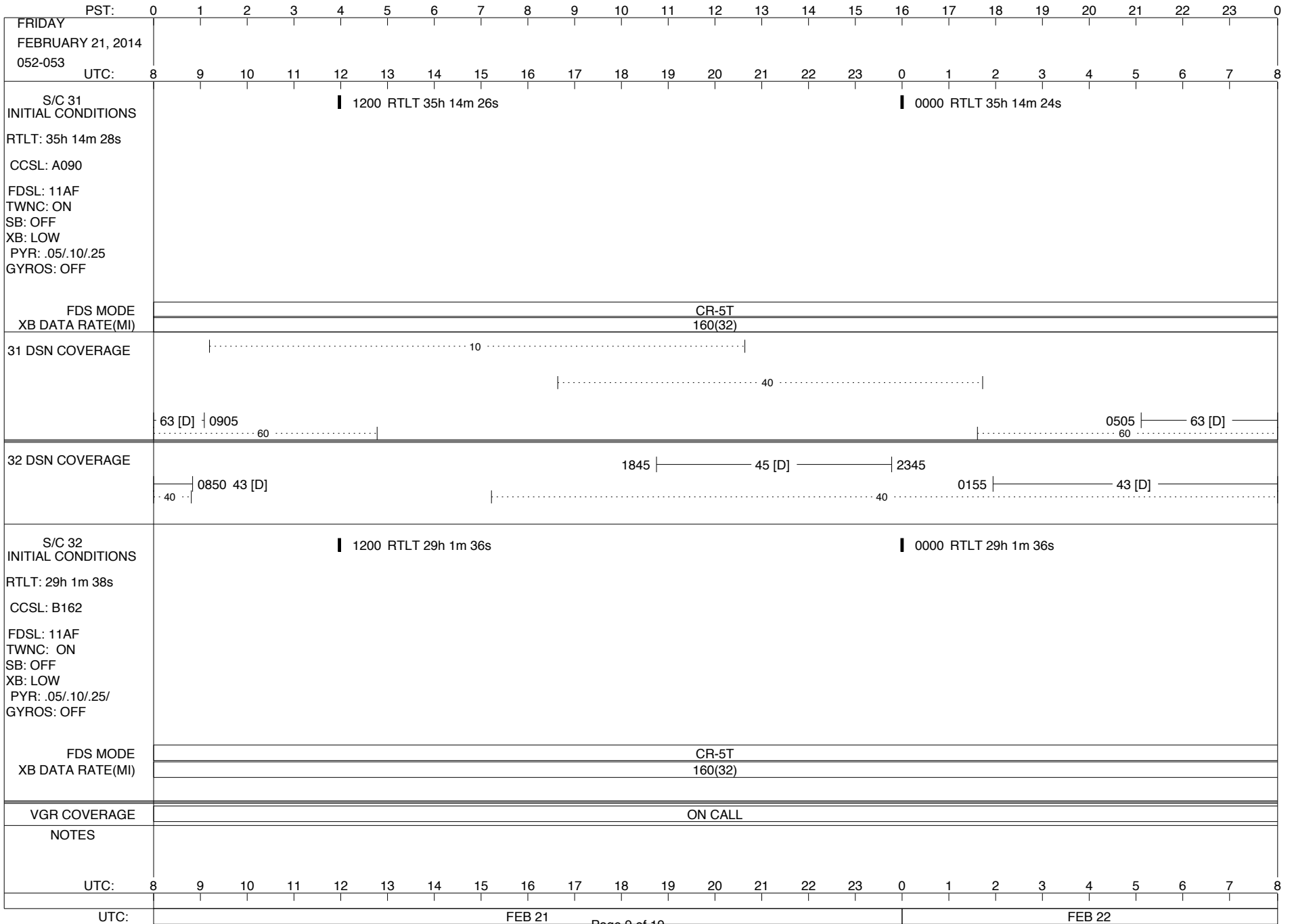




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PST:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0			
THURSDAY FEBRUARY 20, 2014 051-052																												
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS RTLTL: 35h 14m 32s CCSL: A090 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 35h 14m 30s														0000 RTLTL 35h 14m 28s													
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														160(32)													
31 DSN COVERAGE	1155  -----  14 [D]  -----  1645  -----  10  -----   -----  40  -----														0245  -----  63 [D]  -----   -----  60  -----													
32 DSN COVERAGE	0850 43 [D]  -----  40  -----														0410  -----  34 [D]  -----  0545 0545  -----  43 [D]  -----													
S/C 32 INITIAL CONDITIONS RTLTL: 29h 1m 38s CCSL: B162 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 29h 1m 38s														0000 RTLTL 29h 1m 38s													
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 @ 0233 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 20														FEB 21													

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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
SATURDAY FEBRUARY 22, 2014 053-054																									
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: 35h 14m 24s CCSL: A090 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 35h 14m 22s												0000 RTLTL 35h 14m 20s												
													0231   TAPPOS   0352 0532   0533 PWS/RH TAPPOS 0544   - - - -   0652												
													0532 GS-4B 0533 ↓												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	..... 10 .....												..... 40 .....												
	63 [D]   1305												..... 60 .....												
	60																								
32 DSN COVERAGE	0845 43 [D]												2310   45 [D]   0215   ..... 40 .....   0345   43 [D]												
	.40																								
S/C 32 INITIAL CONDITIONS RTLTL: 29h 1m 36s CCSL: B162 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 29h 1m 36s												0000 RTLTL 29h 1m 36s												
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 @ 0532 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 22												FEB 23												



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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 FEBRUARY 24, 2014 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: 35h 14m 16s CCSL: A090 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 35h 14m 14s														█ 0000 RTLT 35h 14m 12s																				
	↓ 1238 GYROS AC ON																																		
	↓ 1238 GYRO INIT																																		
	↓ 1248 GYRO FAULT TEST																																		
FDS MODE															CR-5T																				
XB DATA RATE(MI)															160(32)																				
31 DSN COVERAGE	0900  ----- 14 [D] -----  1330														----- 10 -----																				
	----- 60 -----														----- 40 -----																				
	----- 60 -----														----- 60 -----																				
32 DSN COVERAGE	40  ----- 40 -----														0430  ----- 43 [D] -----																				
S/C 32 INITIAL CONDITIONS RTLT: 29h 1m 34s CCSL: B162 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLT 29h 1m 34s														█ 0000 RTLT 29h 1m 32s																				
	----- COMMAND MORATORIUM -----																																		
															↓ 0009 BEGIN SEQUENCE B163																				
															BAY 1 HTR OFF 0500 ↓																				
															X/B HI POWER 0504 ↓																				
FDS MODE															CR-5T																				
XB DATA RATE(MI)															160(32)																				
VGR COVERAGE	ON CALL							VGR							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														FEB 25																				



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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
WEDNESDAY FEBRUARY 26, 2014 057-058																									
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: 35h 14m 8s CCSL: A090 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON	█ 1200 RTLT 35h 14m 6s												█ 0000 RTLT 35h 14m 4s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	0855  ----- 14 [D] -----  1530  ----- 10 -----   ----- 40 -----   ----- 60 -----																								
32 DSN COVERAGE	40   0830 43 [D]  ----- 40 -----												2215  ----- 43 [D] -----  0135  ----- 40 -----  0530  ----- 43 [D] -----												
S/C 32 INITIAL CONDITIONS RTLT: 29h 1m 32s CCSL: B163 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLT 29h 1m 30s												█ 0000 RTLT 29h 1m 30s												
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 26												FEB 27												

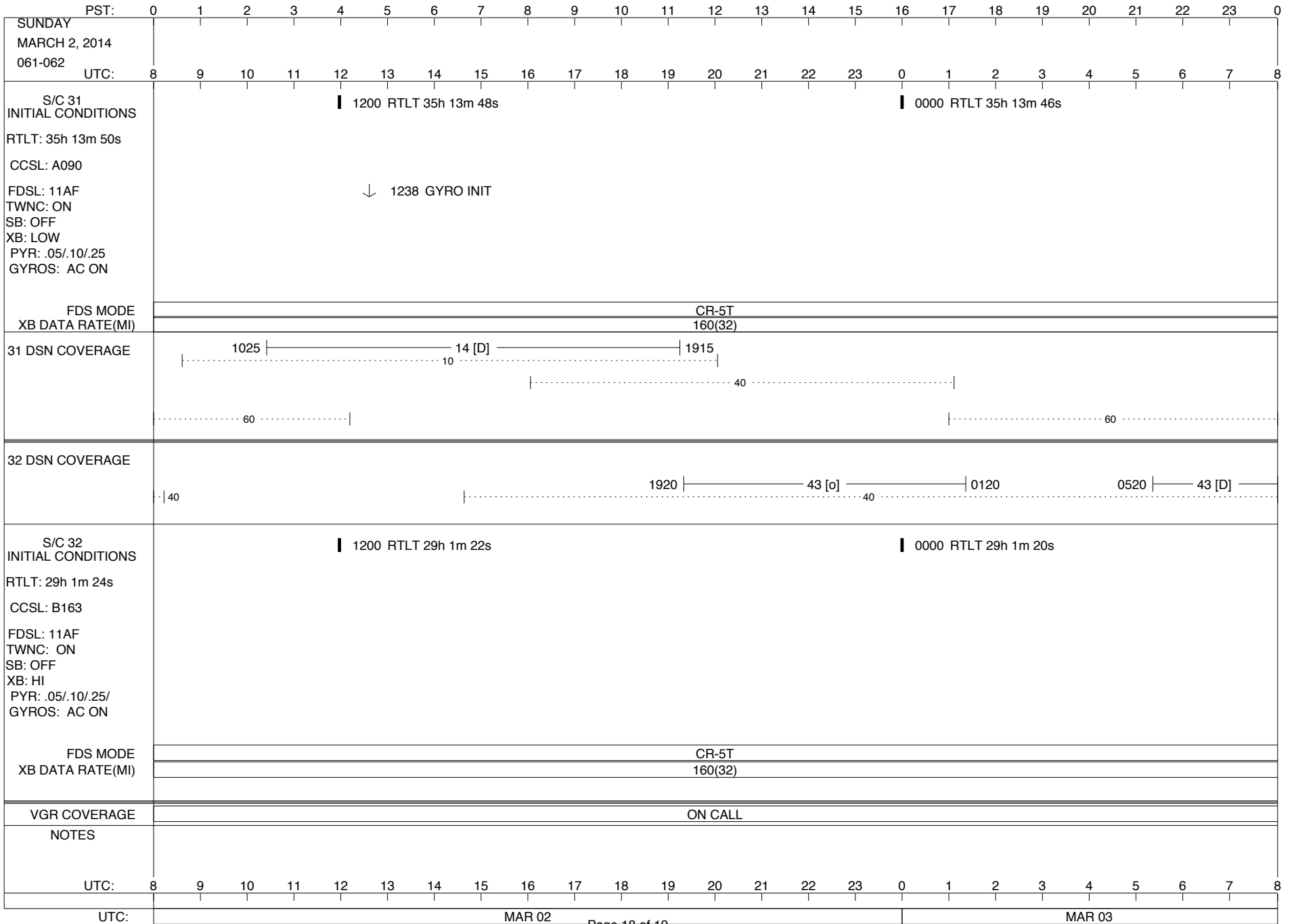






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SATURDAY MARCH 1, 2014 060-061	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLTL: 35h 13m 54s CCSL: A090 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON	1200 RTLTL 35h 13m 52s												0000 RTLTL 35h 13m 50s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	14 [D] 0840 - 1240												40												
32 DSN COVERAGE	40												2150 43 [o] 0300												
S/C 32 INITIAL CONDITIONS RTLTL: 29h 1m 26s CCSL: B163 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25/ GYROS: AC ON	1200 RTLTL 29h 1m 24s												0000 RTLTL 29h 1m 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 @ 0507 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 01												MAR 02												

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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 MARCH 3, 2014 062-063																											
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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FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<div style="text-align: center;"> <p>1450   14 [D]   1930</p> </div>																										
32 DSN COVERAGE	<div style="text-align: center;"> <p>0810 43 [D]</p> </div>																										
S/C 32 INITIAL CONDITIONS RTLT: 29h 1m 20s CCSL: B163 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25/ GYROS: AC ON	<div style="text-align: center;"> <p>1200 RTLT 29h 1m 20s</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 03													MAR 04													