

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: March 6, 2013

For the Period: 03/07/13 to 03/25/13 (13-066 – 13-084)

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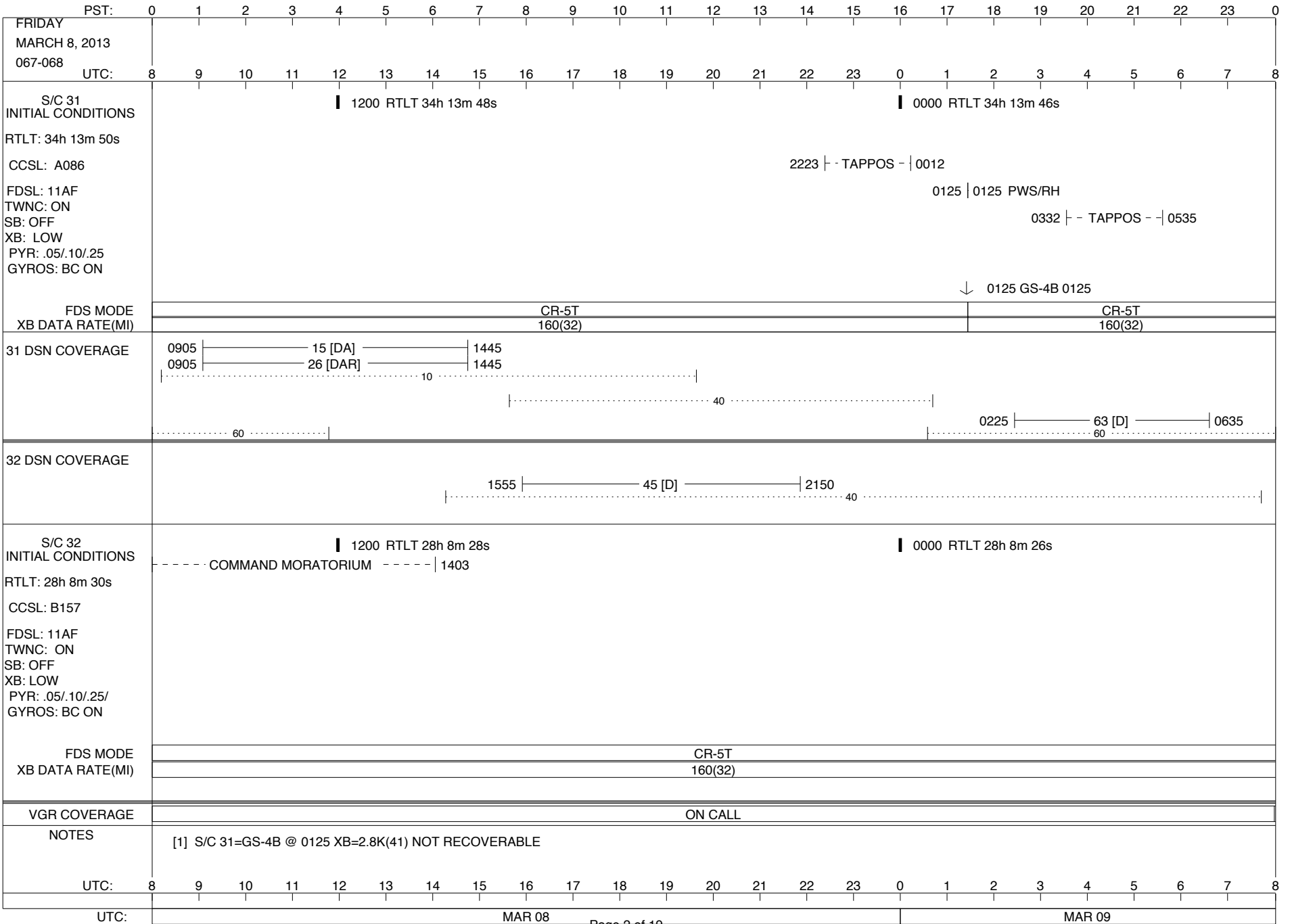
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 * Belinda.Arroyo@jpl.nasa.gov
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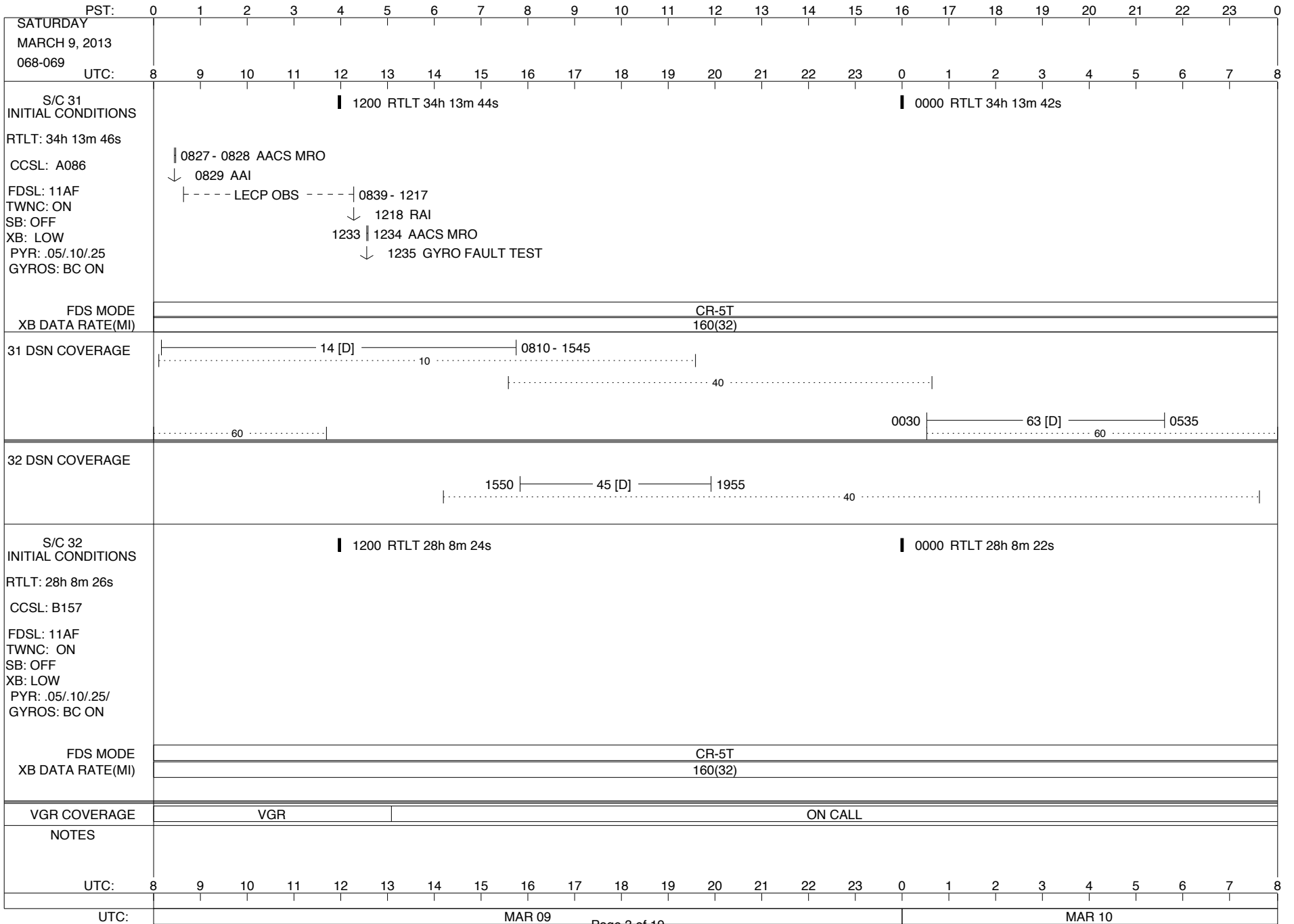
LEGEND: ∇ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = 7-Point BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink only pass
 [o] = Ramp-through

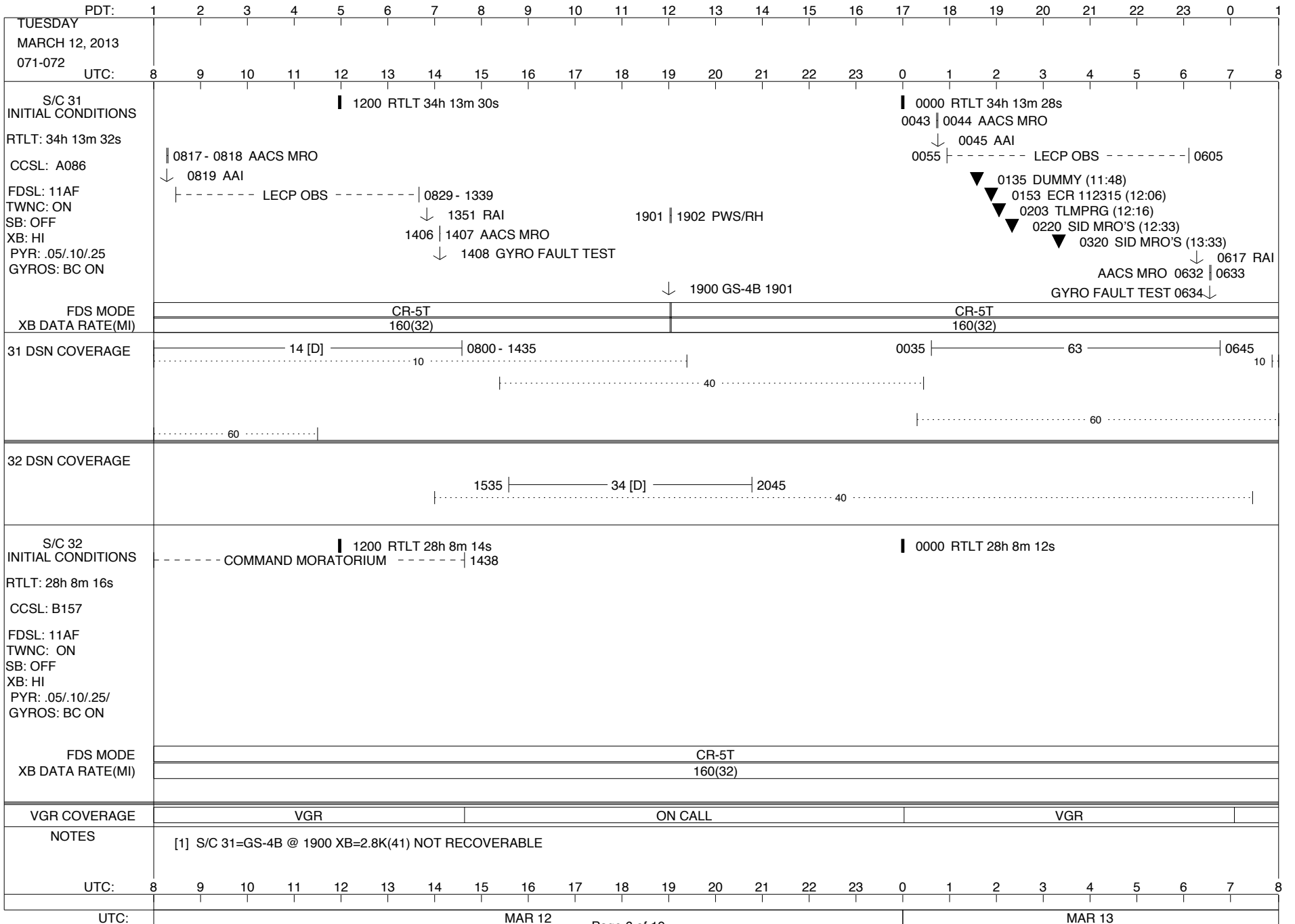
*Electronic Copy Only
 (16 – Dist/N: Paper Copies)
 09/08/10

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 MARCH 7, 2013 066-067																									
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: 34h 13m 54s CCSL: A086 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	█ 1200 RTLT 34h 13m 52s												█ 0000 RTLT 34h 13m 50s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	0910	24 [DA]										1430	0910	26 [DAR]										1430	
	-----10-----												-----40-----												
	-----60-----												0040	63 [D]										0430	
													-----60-----												
32 DSN COVERAGE													1600	45 [D]										2005	
													-----40-----												
S/C 32 INITIAL CONDITIONS RTLT: 28h 8m 32s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLT 28h 8m 32s												█ 0000 RTLT 28h 8m 30s												
	0800	----- COMMAND MORATORIUM -----																							
													↓ 1811 GYROS BC ON ↓ 1812 GYRO INIT ↓ 1821 GYRO FAULT TEST												
													1918 1918 CCSTIM(FINE)												
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:	MAR 07												MAR 08												

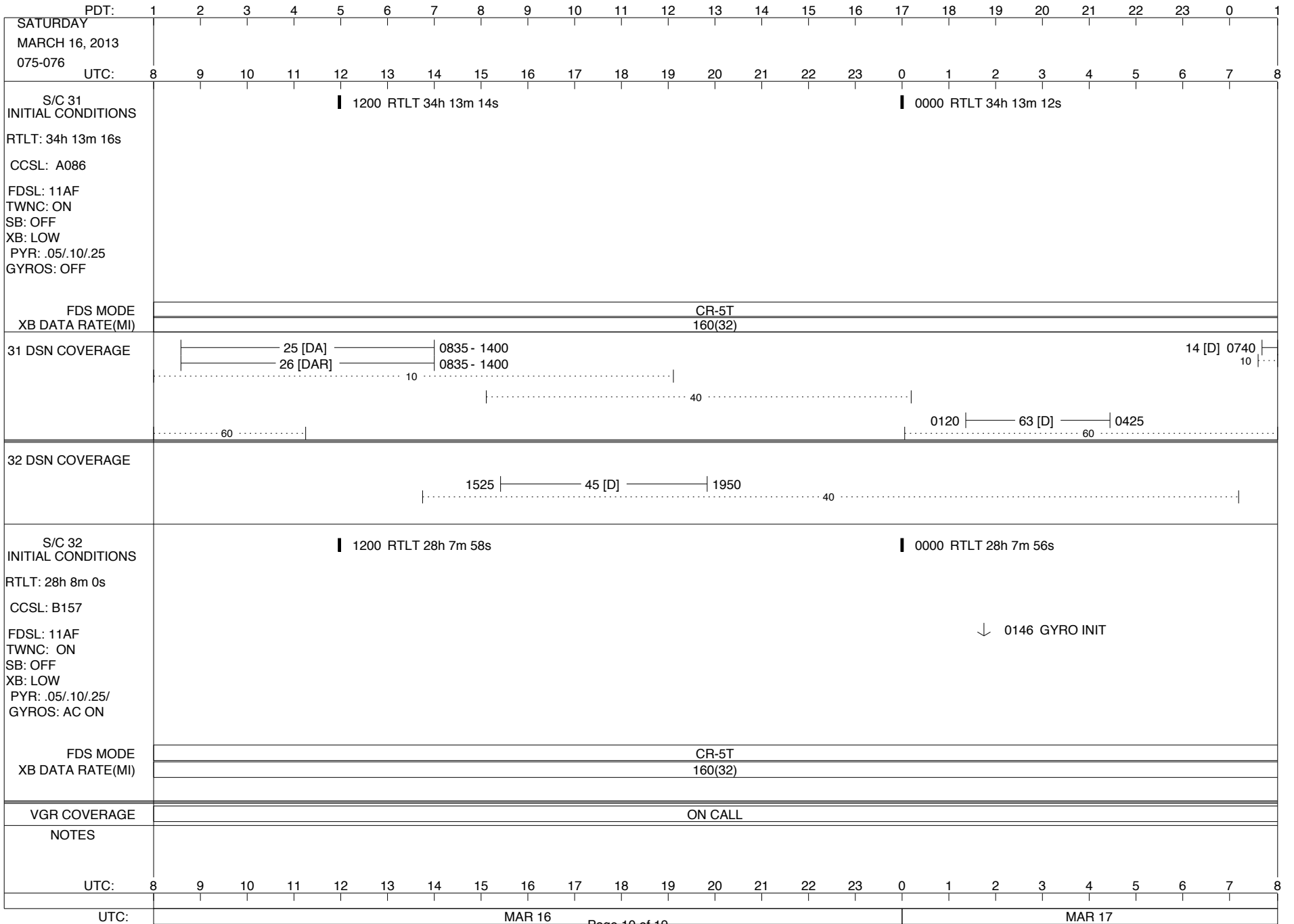
ISSUE DATE: 03/06/13 21:46







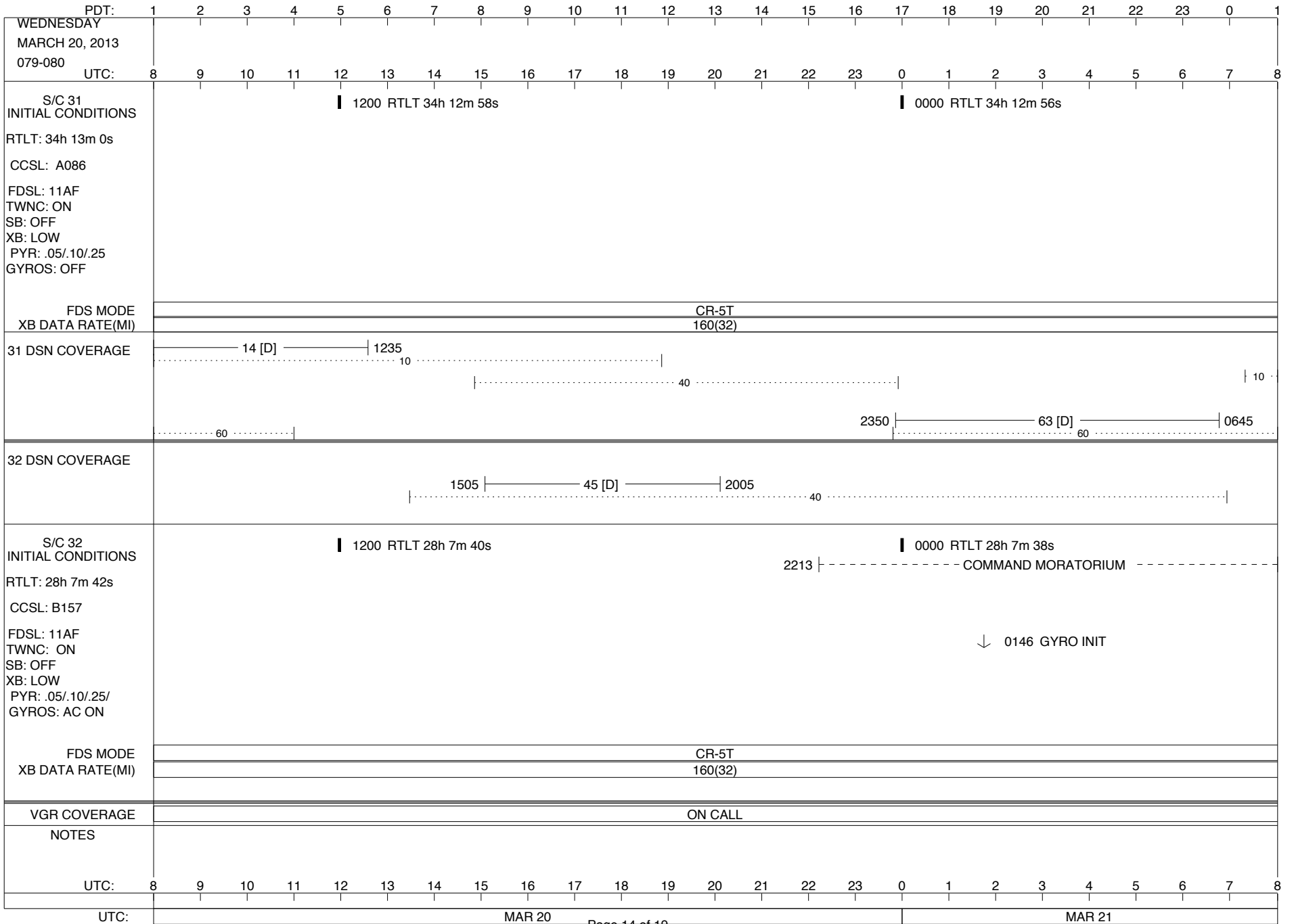
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THURSDAY MARCH 14, 2013 073-074																																			
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S/C 31 INITIAL CONDITIONS RTLTL: 34h 13m 24s CCSL: A086 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLTL 34h 13m 22s 0000 RTLTL 34h 13m 20s</p> <p>↓ 1156 IMPLEMENT ECR 112128</p> <p>* ↓ 1207 IMPLEMENT ECR 112315</p> <p>* ↓ 1216 1228 TLMPRG</p> <p>* ↓ 1235 1237 ECR 112315 SID MRO'S</p> <p>* ↓ 1335 1337 ECR 112315 REDUNDANT SID MRO'S</p> <p>↓ 1349 1359 ECR 112128 SID MRO'S</p> <p>EL-40 1202 ↓ ↓ 1402 CR-5T</p>																																		
FDS MODE	CR-5T							EL-40							CR-5T																				
XB DATA RATE(MI)	160(32)							40(30)							160(32)																				
31 DSN COVERAGE	<p>14 [D] 1445</p> <p>..... 10</p> <p>..... 40</p> <p>..... 10 </p> <p>..... 60</p> <p>0115 65 [DA] 0335</p> <p>0115 55 [DA] 0335</p> <p>..... 60</p>																																		
32 DSN COVERAGE	<p>1845 34 [DAR] 0215</p> <p>1845 45 [DA] 0105</p> <p>..... 40</p>																																		
S/C 32 INITIAL CONDITIONS RTLTL: 28h 8m 8s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25/ GYROS: BC ON	<p>1200 RTLTL 28h 8m 6s 0000 RTLTL 28h 8m 4s</p> <p>----- COMMAND MORATORIUM -----</p> <p>↓ 1921 AAI</p> <p>1924 ----- MAGROL ----- 0120</p> <p>↓ 0113 RAI</p> <p>↓ 0120 CRU</p> <p>↓ 0120 GYROS STAY ON</p> <p>↓ 0122 X/B LOW POWER</p> <p>↓ 0126 BAY 1 HTR ON</p> <p>↓ 0145 GYRO SWAP AC ON</p> <p>↓ 0146 GYRO INIT</p> <p>↓ 0155 GYRO FAULT TEST</p>																																		
FDS MODE	CR-5T																																		
XB DATA RATE(MI)	160(32)																																		
VGR COVERAGE	ON CALL							VGR							ON CALL							VGR							ON CALL						
NOTES	<p>[1] S/C 31=EL-40 XB=40(30) @ 1202</p> <p>[2] S/C 31=CR-5T XB=160(32) @ 1402</p> <p>[3] S/C 32 D/L AGC & SNR VARIATIONS EXPECTED DURING MAGROL (1924-0119)</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										
UTC:	MAR 14														MAR 15																				



ISSUE DATE: 03/06/13 21:46

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1		
MONDAY MARCH 18, 2013 077-078																											
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: 34h 13m 8s CCSL: A086 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 34h 13m 6s													0000 RTLTL 34h 13m 4s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)													CR-5T 160(32)													
31 DSN COVERAGE	1055 ----- 14 [T] ----- 1440 ----- 10 ----- 40 ----- 10 ----- 60 ----- 60													0055 ----- 65 [DA] ----- 0540 0055 ----- 55 [DAR] ----- 0540													
32 DSN COVERAGE	1515 ----- 34 [D] ----- 1925 ----- 40 -----																										
S/C 32 INITIAL CONDITIONS RTLTL: 28h 7m 50s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: AC ON	1200 RTLTL 28h 7m 48s													0000 RTLTL 28h 7m 46s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)													CR-5T 160(32)													
VGR COVERAGE	ON CALL													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 18													MAR 19													

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1
TUESDAY MARCH 19, 2013 078-079	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: 34h 13m 4s CCSL: A086 FDLSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 34h 13m 2s												0000 RTLTL 34h 13m 0s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	24 [DAR] 0825 - 1305 26 [DA] 0825 - 1305 10												14 [D] 0725 10 40 2355 63 [D] 0510 60												
32 DSN COVERAGE	1510 45 [D] 2005 40																								
S/C 32 INITIAL CONDITIONS RTLTL: 28h 7m 46s CCSL: B157 FDLSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: AC ON	1200 RTLTL 28h 7m 44s												0000 RTLTL 28h 7m 42s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1836 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 19												MAR 20												



PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	
SATURDAY MARCH 23, 2013 082-083																										
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: 34h 12m 48s CCSL: A086 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 34h 12m 46s												█ 0000 RTLT 34h 12m 44s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	24 [DAR] ———— 0810 - 1235 26 [DA] ———— 0810 - 1235 10 40 2340 63 [D] 0615 60												10 ..													
32 DSN COVERAGE 1455 45 [D] 2105 40																									
S/C 32 INITIAL CONDITIONS RTLT: 28h 7m 28s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLT 28h 7m 26s												█ 0000 RTLT 28h 7m 22s													
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:	MAR 23													MAR 24												

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1
SUNDAY MARCH 24, 2013 083-084																									
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	1200 RTLT 34h 12m 42s												0000 RTLT 34h 12m 40s												
RTLT: 34h 12m 44s																									
CCSL: A086																									
FDSL: 11AF																									
TWNC: ON																									
SB: OFF																									
XB: LOW																									
PYR: .05/.10/.25																									
GYROS: OFF																									
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS	1200 RTLT 28h 7m 20s												0000 RTLT 28h 7m 18s												
RTLT: 28h 7m 22s																									
CCSL: B157																									
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																									
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 24												MAR 25												

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1		
MONDAY MARCH 25, 2013 084-085																											
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: 34h 12m 40s CCSL: A086 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 34h 12m 38s</p> </div>																										
FDS MODE XB DATA RATE(MI)														<div style="text-align: center;"> <p>CR-5T 160(32)</p> </div>													
31 DSN COVERAGE	<div style="text-align: center;"> <p>25 [DAR] 0805 - 1445 26 [DA] 0805 - 1445 10 40 60</p> </div>																										
32 DSN COVERAGE	<div style="text-align: center;"> <p>1830 45 [D] 2045</p> </div>																										
S/C 32 INITIAL CONDITIONS RTLT: 28h 7m 18s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 28h 7m 16s</p> </div>																										
FDS MODE XB DATA RATE(MI)														<div style="text-align: center;"> <p>CR-5T 160(32)</p> </div>													
VGR COVERAGE	<div style="text-align: center;"> <p>ON CALL</p> </div>																										
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 25													MAR 26													