

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: March 2, 2016

For the Period: 03/03/16 to 03/20/16 (16-063 – 16-080)

DSN OPSCHIEF (1) 230-102

DSOT (1) 230-102

*Zsarina.Bulchand@jpl.nasa.gov
 *gdyke@airmail.ftops.jpl.nasa.gov
 *John.M.Grant@jpl.nasa.gov
 *dmcclena@airmail.ftops.jpl.nasa.gov
 *pquach@airmail.ftops.jpl.nasa.gov
 *mrobles@airmail.ftops.jpl.nasa.gov
 *rwilliam@airmail.ftops.jpl.nasa.gov

OTHER

* KMassey@jgld.gdscc.nasa.gov
 * Belinda.Arroyo@jpl.nasa.gov
 *DL-DSSN-MPSETA@dsn.nasa.gov

SCIENCE

CRS *bryant@mail630.gsfc.nasa.gov
 LECP *r.decker@jhuapl.edu
 UVS *holburg@argus.lpl.arizona.edu
 MAG *u2mha@lepvox.gsfc.nasa.gov
 PLS *vgr@space.mit.edu
 PWS *wsk@space.physics.uiowa.edu
 *Leonard.F.Burlaga@nasa.gov
 *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

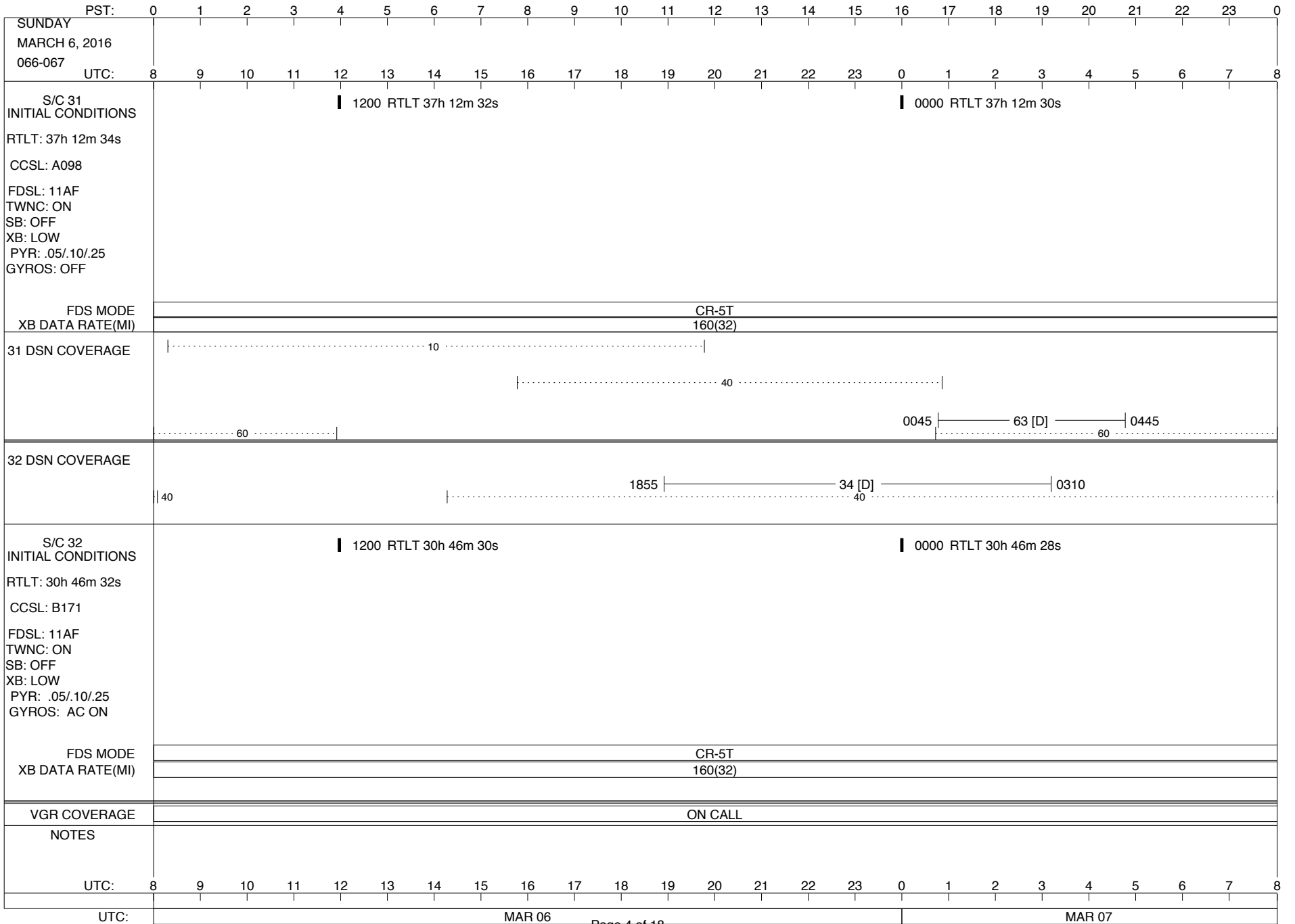
ISSUE DATE: 03/31/16 12:02

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			
THURSDAY MARCH 3, 2016 063-064																												
S/C 31 INITIAL CONDITIONS RTLTL: 37h 12m 48s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 37h 12m 44s														█ 0000 RTLTL 37h 12m 42s													
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 46m 40s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 30h 46m 38s														█ 0000 RTLTL 30h 46m 36s													
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 @ 0131 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 03														MAR 04													

ISSUE DATE: 03/31/16 12:02

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 MARCH 5, 2016 065-066	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: 37h 12m 38s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 37h 12m 36s												0000 RTLTL 37h 12m 34s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1420 ----- 24 [DA] ----- 1820 1420 ----- 26 [DAR] ----- 1820 ----- 10 ----- ----- 40 ----- ----- 60 -----												0050 ----- 63 [D] ----- 0450 ----- 60 -----												
32 DSN COVERAGE	40												2230 [D] Released to MSL 0140 0140 34 [D] 0325 ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLTL: 30h 46m 34s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON	1200 RTLTL 30h 46m 34s												0000 RTLTL 30h 46m 32s												
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 @ 0431 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 05												MAR 06												

ISSUE DATE: 03/31/16 12:02



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 06 Page 4 of 18 MAR 07

ISSUE DATE: 03/31/16 12:02

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 7, 2016 067-068	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 12m 30s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 12m 28s												0000 RTLT 37h 12m 26s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	-----10-----												-----40-----												
	-----60-----												0040 -----63 [D]----- 0325 -----60-----												
32 DSN COVERAGE	40 -----1430----- 43 [1HBo] -----2040-----												40												
S/C 32 INITIAL CONDITIONS RTLT: 30h 46m 28s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON	1200 RTLT 30h 46m 28s												0000 RTLT 30h 46m 26s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL						VGR						ON CALL												
NOTES	[1] DSS-43 HP DRV ON >= 15:29:19																								
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												

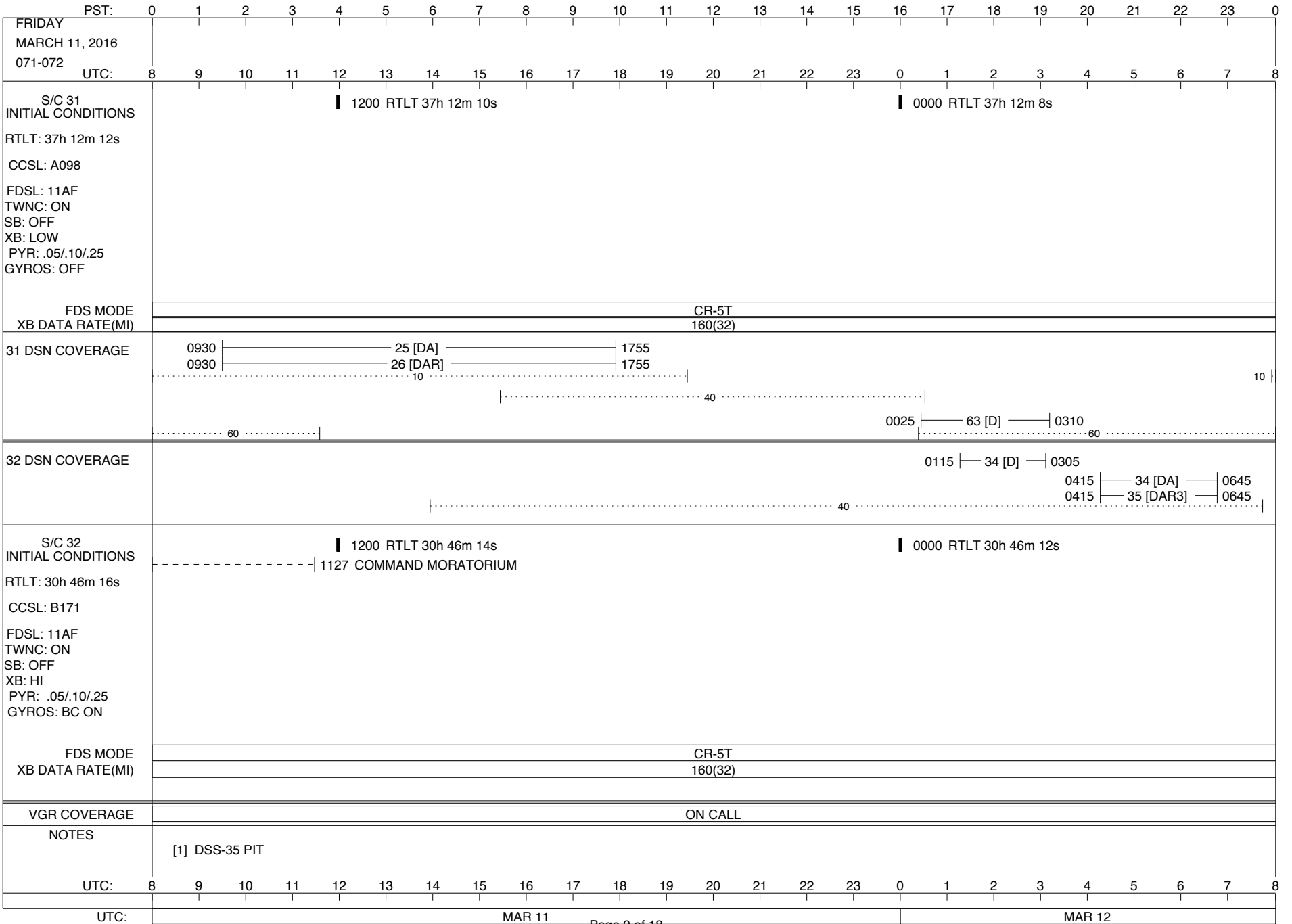
ISSUE DATE: 03/31/16 12:02

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 MARCH 8, 2016 068-069	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 12m 26s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 37h 12m 22s												0000 RTLT 37h 12m 20s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	1210 15 [DA] 1610 1210 25 [DAR] 1610												1854 1855 PWS/RH												
32 DSN COVERAGE	1845 45 [D] 0120												DUMMY (14:22) 0110▼ EL-40 (14:29) 0117▼ A098DA MAGROL MINI-SEQUENCE (14:50) 0138▼ AHEL12 MRO'S CR-5T (15:24) 0211▼ CRS ADJ (15:52) 0240▼												
S/C 32 INITIAL CONDITIONS RTLT: 30h 46m 26s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: AC ON	1200 RTLT 30h 46m 24s												0000 RTLT 30h 46m 22s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
VGR COVERAGE	ON CALL												VGR			VGR			ON CALL						
NOTES	[1] S/C 31=GS-4B @ 1854 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 08												MAR 09												

ISSUE DATE: 03/31/16 12:02

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 10, 2016 070-071																									
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: 37h 12m 16s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 37h 12m 14s												0000 RTLTL 37h 12m 12s												
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	1000 ----- 25 [DA] ----- 1745 1000 ----- 26 [DAR] ----- 1745												1000 ----- 63 [D] ----- 0315												
32 DSN COVERAGE	1750 ----- 43 [D] ----- 2040												2255 ----- 34 [D] ----- 0310 0530 - 0730 ----- 43 [D] -----												
S/C 32 INITIAL CONDITIONS RTLTL: 30h 46m 20s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 30h 46m 18s												0000 RTLTL 30h 46m 16s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL						VGR						VGR						ON CALL						
NOTES	[1] S/C 31=GS-4B @ 0107 XB=2.8K(41) NOT RECOVERABLE [2] S/C 31=EL-40 @ 1430 XB=40(30) [3] S/C 31=CR-5T @ 1530 XB=160(32)																								
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 10												MAR 11												

ISSUE DATE: 03/31/16 12:02



ISSUE DATE: 03/31/16 12:02

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 MARCH 12, 2016 072-073																													
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 12m 8s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		█ 1200 RTLT 37h 12m 6s														█ 0000 RTLT 37h 12m 4s													
FDS MODE		CR-5T														CR-5T													
XB DATA RATE(MI)		160(32)														160(32)													
31 DSN COVERAGE		<p>0925 ----- 15 [DA] ----- 1730 0925 ----- 24 [DAR] ----- 1730 ----- 10 ----- ----- 40 ----- ----- 60 ----- 0020 ----- 63 [D] ----- 0420 ----- 60 -----</p>																											
32 DSN COVERAGE		1415 ----- 43 [o] ----- 1815 ----- 40 ----- 2340 ----- 34 [D] ----- 0240 ----- 40 -----																											
S/C 32 INITIAL CONDITIONS RTLT: 30h 46m 12s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON		█ 1200 RTLT 30h 46m 10s														█ 0000 RTLT 30h 46m 8s													
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 @ 0407 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 12														MAR 13													

PST:	0	1	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2		
SUNDAY MARCH 13, 2016 073-074	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	9		
S/C 31 INITIAL CONDITIONS RTLT: 37h 12m 4s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 37h 12m 2s													0000 RTLT 37h 12m 0s														
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)														
31 DSN COVERAGE 10 40														
 60													0015 ----- 63 [D] ----- 0255 60														
32 DSN COVERAGE 2125 ----- 34 [o] ----- 0255 40																											
S/C 32 INITIAL CONDITIONS RTLT: 30h 46m 8s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLT 30h 46m 6s													0000 RTLT 30h 46m 6s														
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	9		
UTC:	MAR 13														MAR 14													

PDT:	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 14, 2016 074-075																								
UTC:	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 12m 0s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 37h 11m 56s												0000 RTLTL 37h 11m 54s											
FDS MODE	CR-5T												CR-5T											
XB DATA RATE(MI)	160(32)												160(32)											
31 DSN COVERAGE	1320 15 [DA] 1745 1320 24 [DAR] 1745												1040 63 [D] 0300											
32 DSN COVERAGE	1835 43 [D] 2055												0445 - 0730 43 [D]											
S/C 32 INITIAL CONDITIONS RTLTL: 30h 46m 6s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLTL 30h 46m 4s												0000 RTLTL 30h 46m 2s											
	↓ 1930 ALL DB=.05												↓ 1946 AAI											
	↓ 1946 -- 2024 ASCAL												↓ 2021 RAI											
	↓ 2024 CRU												↓ 2032 YAW=.10											
	↓ 2032 ROLL=.25												↓ 2034 GYRO FAULT TEST											
	↓ 1914 ↓ 2026																							
FDS MODE	CR-5T						EL-40						CR-5T											
XB DATA RATE(MI)	160(32)						40(30)						160(32)											
VGR COVERAGE	ON CALL												VGR						ON CALL					
NOTES	[1] S/C 32=D/L AGC & SNR VARIATIONS EXPECTED DURING ASCAL (1946-2024) [2] S/C 32=EL-40 @ 1914 XB=40(30)																							
UTC:	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: 03/31/16 12:02

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							
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							
WEDNESDAY MARCH 16, 2016 076-077																																
S/C 31 INITIAL CONDITIONS RTLTL: 37h 11m 50s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 37h 11m 48s												0000 RTLTL 37h 11m 46s																			
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)																		
31 DSN COVERAGE	0910	25 [DA]										1320																				
	0910	26 [DAR]										1320																				
	60										40										10											
																		0050		63 [D]		0250		60								
32 DSN COVERAGE	1350												43 [o]		1545																	
																		1905		34 [D]		2305		40								
S/C 32 INITIAL CONDITIONS RTLTL: 30h 45m 58s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 30h 45m 56s												0000 RTLTL 30h 45m 54s																			
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 16														MAR 17																	

ISSUE DATE: 03/31/16 12:02

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	
THURSDAY																										
MARCH 17, 2016																										
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	1200 RTLT 37h 11m 44s												0000 RTLT 37h 11m 42s													
RTLTL: 37h 11m 46s																										
CCSL: A098													2141 - 2207 TAPPOS													
FDSL: 11AF													0043 0044 PWS/RH													
TWNC: ON													0054 0107 TAPPOS													
SB: OFF	----- TLC (SHORT-FORM) ----- - D/L - 1550																									
XB: LOW																										
PYR: .05/.10/.25																										
GYROS: OFF																										
													↓ 0042 GS-4B 0044													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	<p>Timeline for 31 DSN COVERAGE: <ul style="list-style-type: none"> 1225 24 [DA] 1640 1225 25 [DAR] 1640 10 40 60 </p>																									
32 DSN COVERAGE	<p>Timeline for 32 DSN COVERAGE: <ul style="list-style-type: none"> 1830 43 [DAo] 0215 1855 45 [DAR] 0215 40 </p>																									
S/C 32 INITIAL CONDITIONS	1200 RTLT 30h 45m 52s												0000 RTLT 30h 45m 50s													
RTLTL: 30h 45m 54s																										
CCSL: B171	----- COMMAND MORATORIUM -----																									
FDSL: 11AF													↓ 1924 AAI													
TWNC: ON													1927 - - - - - MAGROL - - - - - 0122													
SB: OFF													↓ 0115 RAI													
XB: HI													↓ 0122 GYROS OFF													
PYR: .05/.10/.25													↓ 0122 CRU													
GYROS: BC ON													↓ 0125 X/B LOW POWER													
													↓ 0129 BAY 1 HTR ON													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
VGR COVERAGE	ON CALL												VGR						ON CALL							
NOTES	<p>[1] S/C 31=GS-4B @ 0042 XB=2.8K(41) NOT RECOVERABLE</p> <p>[2] S/C 32=D/L AGC & SNR VARIATIONS EXPECTED DURING MAGROL (1927-0122)</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 17																		MAR 18							

ISSUE DATE: 03/31/16 12:02

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
FRIDAY MARCH 18, 2016 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	1200 RTLT 37h 11m 40s												0000 RTLT 37h 11m 38s												
RTLT: 37h 11m 42s																									
CCSL: A098																									
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	<p>1225 ----- 15 [DAR] ----- 1730 1225 ----- 24 [DA] ----- 1730 10 40 60 2355 ----- 63 [D] ----- 0245 60</p>																								
32 DSN COVERAGE	<p>2200 ----- 34 [o] ----- 0130 0200 ----- 35 [DAR] ----- 0615 0235 ----- 45 [DA] ----- 0615 40</p>																								
S/C 32 INITIAL CONDITIONS	1200 RTLT 30h 45m 46s												0000 RTLT 30h 45m 44s												
RTLT: 30h 45m 50s																									
CCSL: B171																									
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	----- COMMAND MORATORIUM ----- 1843																								
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	
SATURDAY MARCH 19, 2016 079-080																										
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: 37h 11m 38s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 37h 11m 36s												█ 0000 RTLTL 37h 11m 34s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	1325 ----- 15 [DA] ----- 1725 1325 ----- 24 [DAR] ----- 1725 ----- 10 ----- 10 ----- 40 ----- ----- 60 ----- 												2355 ----- 63 [D] ----- 0240 ----- 60 ----- 													
32 DSN COVERAGE	1805 ----- 45 [D] ----- 1910 ----- 40 ----- 												2025 ----- 34 [D] ----- 0235 ----- 40 ----- 0415 ----- 43 [D] ----- 0710													
S/C 32 INITIAL CONDITIONS RTLTL: 30h 45m 44s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 30h 45m 42s												█ 0000 RTLTL 30h 45m 40s													
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 @ 0342 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		
SUNDAY MARCH 20, 2016 080-081																											
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 11m 34s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 37h 11m 32s</p> </div>																										
FDS MODE XB DATA RATE(MI)														<div style="text-align: center;"> <p>CR-5T 160(32)</p> </div>													
31 DSN COVERAGE	<p>Timeline for 31 DSN COVERAGE: - 1220 to 1720: 15 [DAR] - 1220 to 1720: 24 [DA] - 10:00 to 10:10: Dotted line - 40:00 to 40:10: Dotted line - 60:00 to 60:10: Dotted line</p>																										
32 DSN COVERAGE																											
S/C 32 INITIAL CONDITIONS RTLT: 30h 45m 40s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 30h 45m 38s</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 20													MAR 21													