

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: September 14, 2016

For the Period: 09/15/16 to 10/02/16 (16-259 – 16-276)

**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**

\* KMassej@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@jhupl.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

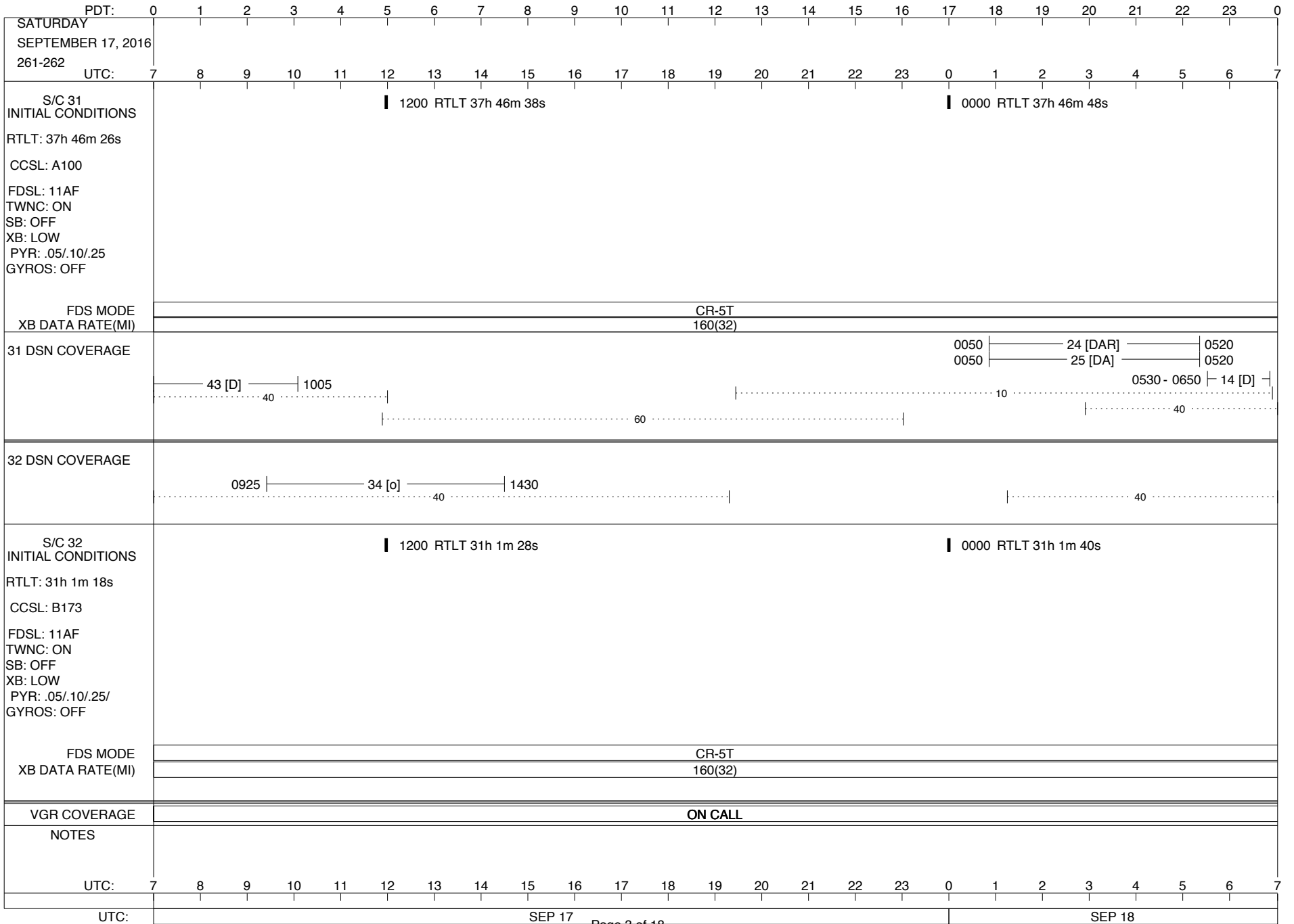
\*Electronic Copy Only  
 (16 – Dist/N: Paper Copies)  
 09/08/10

ISSUE DATE: 09/14/16 12:36

PDT:	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 SEPTEMBER 15, 2016 259-260																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLTL: 37h 45m 38s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 37h 45m 50s												0000 RTLTL 37h 46m 2s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	0705 14 [D] 10												..... 10 ..... ..... 40 .....   ..... 60 .....   ..... 0530   34 [DAR]   ..... 0530   35 [DA]   ..... 40 .....													
32 DSN COVERAGE	1020   ..... 45 [D] .....   1440												1615   ..... 43 [D] .....   1925   ..... 40 .....   ..... 40 .....													
S/C 32 INITIAL CONDITIONS RTLTL: 31h 0m 36s CCSL: B173 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 31h 0m 46s												0000 RTLTL 31h 0m 56s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
VGR COVERAGE													ON CALL													
NOTES																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
UTC:	SEP 15													SEP 16												

PDT:	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	
FRIDAY SEPTEMBER 16, 2016 260-261																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLTL: 37h 46m 2s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 37h 46m 14s												0000 RTLTL 37h 46m 26s													
	0758     0813 TAPPOS												1100   1101 PWS/RH													
													1112   -   1141 TAPPOS													
	↓ 1100 GS-4B 1101																									
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	10										.....10															
	34 [DAR]   0950				35 [DA]   0950								43 [D] 0605													
	40												40													
	60																									
32 DSN COVERAGE	1035   34 [D]   1435												1610   43 [D]   1920													
	40												40													
S/C 32 INITIAL CONDITIONS RTLTL: 31h 0m 56s CCSL: B173 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 31h 1m 8s												0000 RTLTL 31h 1m 18s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
VGR COVERAGE													ON CALL													
NOTES	[1] S/C 31=GS-4B @ 1100 XB=2.8K(41) NOT RECOVERABLE																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
UTC:	SEP 16													SEP 17												

ISSUE DATE: 09/14/16 12:36



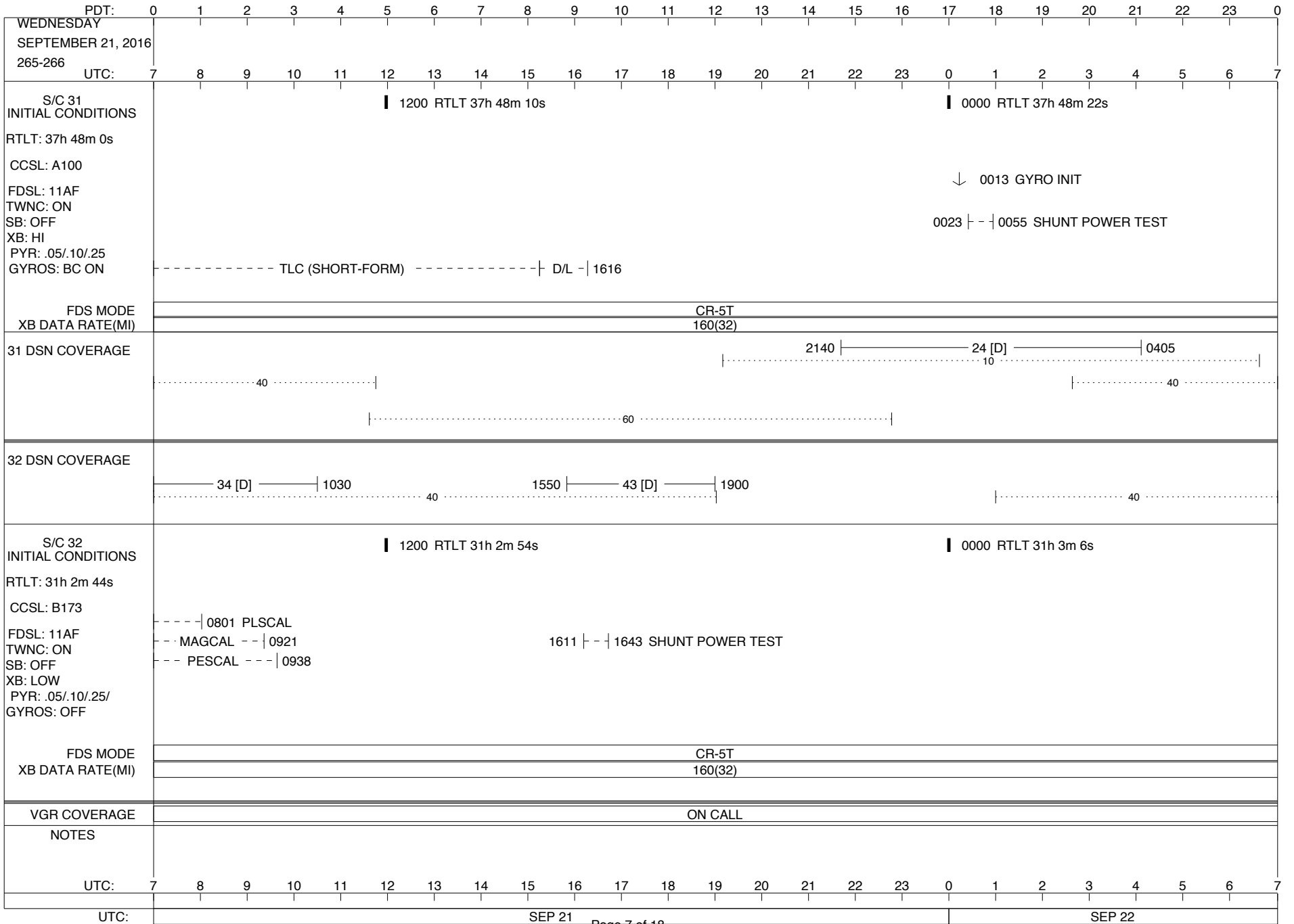
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
SUNDAY SEPTEMBER 18, 2016 262-263																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 37h 46m 48s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 37h 47m 0s												█ 0000 RTLTL 37h 47m 12s												
	1058   -   1127 TAPPOS												1401   1402 PWS/RH												
													1412   - -   1455 TAPPOS												
													↓ 1400 GS-4B 1402												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE													..... .....10..... .....												
													0250 - 0650  -----43 [D]-----												
	.....40..... .....60..... .....												.....40..... .....												
32 DSN COVERAGE	-----35 [D]----- 0725 - 1430												1600  -----43 [D2]----- 1915												
	.....40..... .....												.....40..... .....												
S/C 32 INITIAL CONDITIONS RTLTL: 31h 1m 40s CCSL: B173 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLTL 31h 1m 50s												█ 0000 RTLTL 31h 2m 0s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 1400 XB=2.8K(41) NOT RECOVERABLE [2] NO GO COINTINGENCY U/L TRACK HP DRV OFF <= 17:53:26																								
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
UTC:	SEP 18												SEP 19												

ISSUE DATE: 09/14/16 12:36

PDT:	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 SEPTEMBER 19, 2016 263-264	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLTL: 37h 47m 12s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 37h 47m 24s												█ 0000 RTLTL 37h 47m 36s ↓ 0011 BAY 1 HTR OFF ↓ 0012 GYROS BC ON ↓ 0013 GYRO INIT ↓ 0015 X/B HI POWER ↓ 0022 GYRO FAULT TEST ▼ 0030 DUMMY (14:18) U/L 0100   -   - - - - - TLC (SHORT-FORM) - - - - -														
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																										
31 DSN COVERAGE	..... 40 .....												..... 40 .....														
32 DSN COVERAGE	0920  ----- 34 [D] -----  1425 ..... 40 .....												0105  ----- 43 [o] -----  0335 ..... 40 .....														
S/C 32 INITIAL CONDITIONS RTLTL: 31h 2m 0s CCSL: B173 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLTL 31h 2m 12s												█ 0000 RTLTL 31h 2m 22s														
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																										
VGR COVERAGE	ON CALL												VGR			ON CALL											
NOTES																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
UTC:	SEP 19												SEP 20														

ISSUE DATE: 09/14/16 12:36

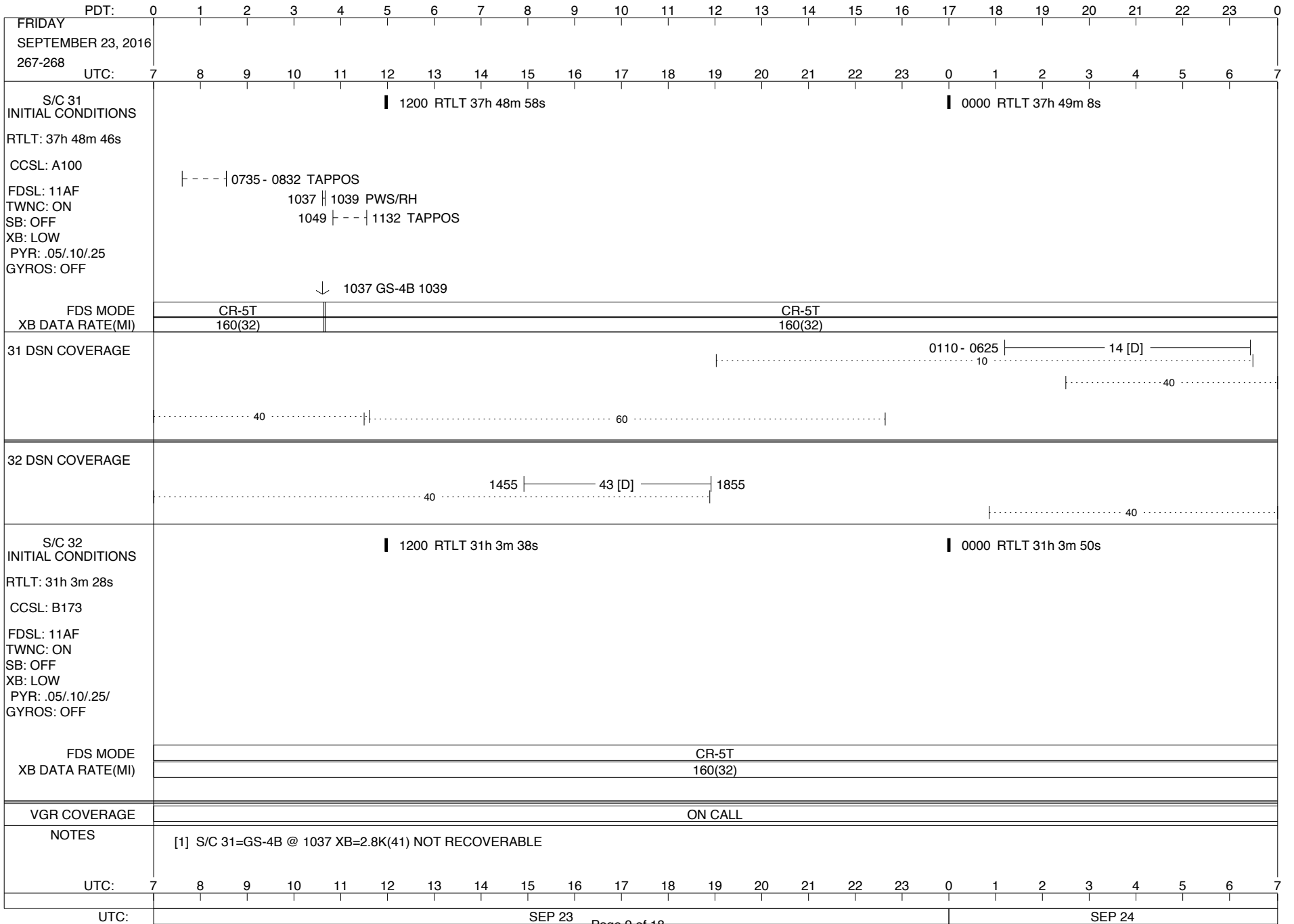
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
TUESDAY SEPTEMBER 20, 2016 264-265																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 37h 47m 36s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 37h 47m 48s											0000 RTLT 37h 48m 0s													
----- TLC (SHORT-FORM) -----																									
FDS MODE	CR-5T											0424 GS-4B 0425 ↓										CR-5T			
XB DATA RATE(MI)	160(32)																					160(32)			
31 DSN COVERAGE	40											0240  ----- 14 [D] -----  0535										40			
											60														
32 DSN COVERAGE	40											1505  ----- 43 [D] -----  1905										0530  ----- 34 [D] -----  40			
S/C 32 INITIAL CONDITIONS RTLT: 31h 2m 22s CCSL: B173 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 31h 2m 34s											0000 RTLT 31h 2m 44s													
PLSCAL 0618   --- MAGCAL 0618   --- PESCAL 0618   ---																									
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 0424 XB=2.8K(41) NOT RECOVERABLE																								
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
UTC:	SEP 20											SEP 21													





ISSUE DATE: 09/14/16 12:36

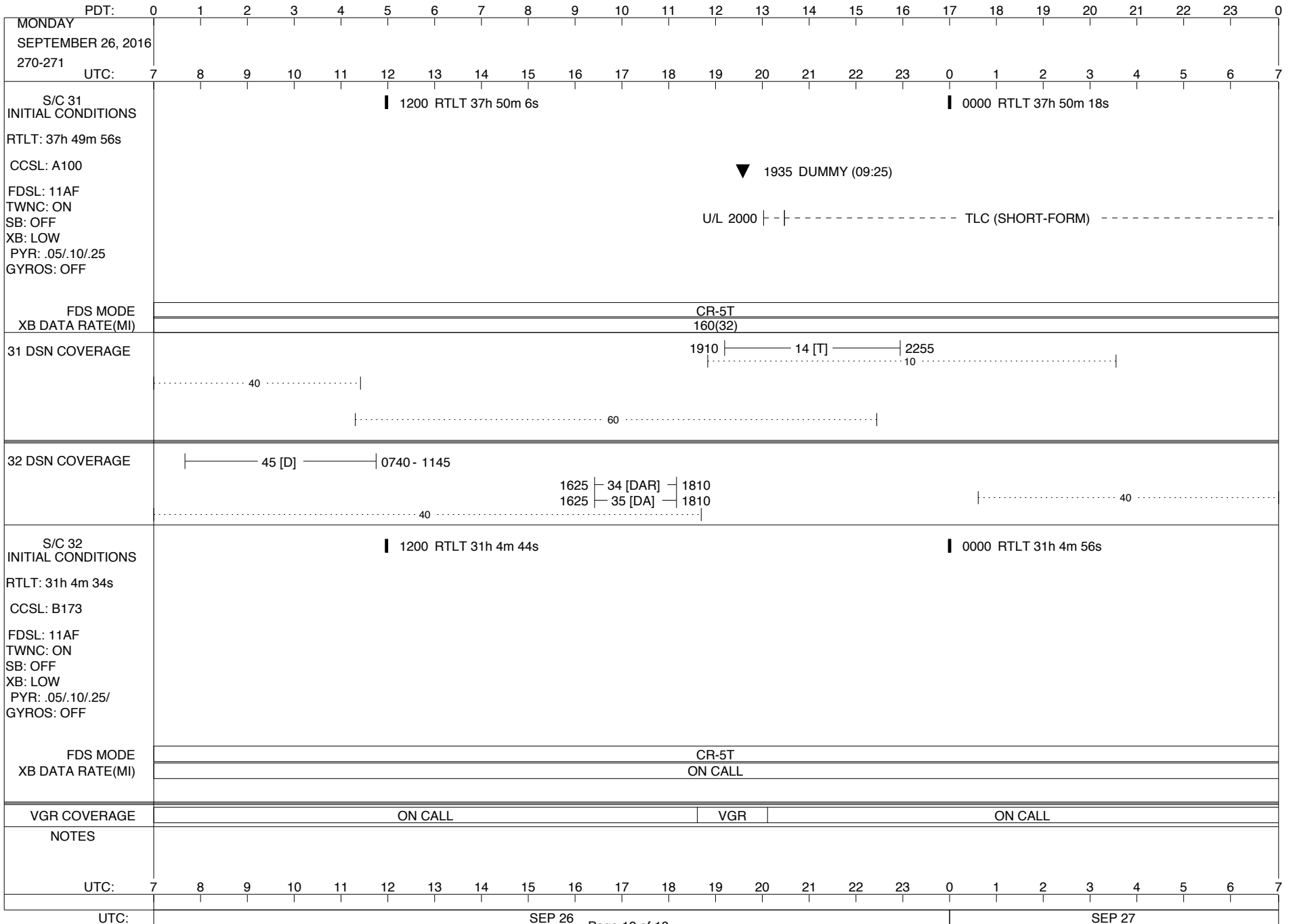
PDT:		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0										
THURSDAY																																				
SEPTEMBER 22, 2016																																				
266-267																																				
UTC:		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7										
S/C 31 INITIAL CONDITIONS		1200 RTLT 37h 48m 34s														0000 RTLT 37h 48m 46s																				
RTLT: 37h 48m 22s																AAI 2156 ↓																				
CCSL: A100																2159  -----MAGROL-----  0354																				
FDSL: 11AF																RAI 0347 ↓																				
TWNC: ON																GYROS OFF 0354 ↓																				
SB: OFF																CRU 0354 ↓																				
XB: HI																X/B LOW POWER 0407 ↓																				
PYR: .05/.10/.25																BAY 1 HTR ON 0411 ↓																				
GYROS: BC ON																																				
FDS MODE		CR-5T																																		
XB DATA RATE(MI)		160(32)																																		
31 DSN COVERAGE																																				
32 DSN COVERAGE																																				
S/C 32 INITIAL CONDITIONS		1200 RTLT 31h 3m 16s														0000 RTLT 31h 3m 28s																				
RTLT: 31h 3m 6s																▼ 1702 DUMMY (5 MIN BRACKETED 00:06)																				
CCSL: B173																																				
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							VGR							VGR							VGR							ON CALL						
NOTES		[1] S/C 31 D/L AGC & SNR VARIATIONS EXPECTED DURING MAGROL (2159-0354)																																		
UTC:		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7										
UTC:		SEP 22														SEP 23																				



PDT:	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 SEPTEMBER 24, 2016 268-269																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLTL: 37h 49m 8s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 37h 49m 20s												0000 RTLTL 37h 49m 32s														
FDS MODE	CR-5T												CR-5T														
XB DATA RATE(MI)	160(32)												160(32)														
31 DSN COVERAGE	.....40.....												1945  -----  2040 25 [DA] 1945  -----  24 [DA] -----  2345 1945  -----  26 [DAR] -----  2345 .....10..... -----40.....														
32 DSN COVERAGE	1100  -----34 [o]-----  1405 .....40..... -----60.....												1400  -----43 [D]-----  1800 .....40..... -----40.....														
S/C 32 INITIAL CONDITIONS RTLTL: 31h 3m 50s CCSL: B173 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 31h 4m 0s												0000 RTLTL 31h 4m 12s														
	1352  -----  1524 FPGYRO FLIGHT TEST ↓ 1422 BAY-1 HTR OFF ↓ 1422 GYROS BC ON ↓ 1434 GYROS OFF ↓ 1448 X-BAND TWTA HIGH POWER ↓ 1449 X-BAND TWTA LOW POWER ↓ 1453 BAY-1 HTR ON 1454   1455 CCSA FPGYRO MRO 1456   1457 CCSB FPGYRO MRO'S 1458   1502 AACS PC QUEUE MRO																										
	EL-40 1352↓												↓ 1524 CR-5T														
FDS MODE	CR-5T						EL-40						CR-5T														
XB DATA RATE(MI)	160(32)						40(30)						ON CALL														
VGR COVERAGE	ON CALL						VGR						ON CALL														
NOTES	[1] S/C 32=EL-40 @ 2352 XB=40(30) [2] S/C 32=CR-5T @ 1524 XB=160(32)																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
UTC:	SEP 24														SEP 25												

PDT:	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	
SUNDAY SEPTEMBER 25, 2016 269-270																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLTL: 37h 49m 32s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 37h 49m 44s												0000 RTLTL 37h 49m 56s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE													1945  -----  14 [D]  -----  2345  -----  10  -----   -----  40  -----													
32 DSN COVERAGE	1020  -----  34 [o]  -----  1405  -----  40  -----  1535  -----  43 [D]  -----  1845  -----  40  -----												-----  40  -----													
S/C 32 INITIAL CONDITIONS RTLTL: 31h 4m 12s CCSL: B173 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 31h 4m 22s												0000 RTLTL 31h 4m 34s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													ON CALL													
VGR COVERAGE													ON CALL													
NOTES	[1] S/C 31=GS-4B @ 1337 XB=2.8K(41) NOT RECOVERABLE																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
UTC:	SEP 25													SEP 26												

ISSUE DATE: 09/14/16 12:36



PDT:	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 SEPTEMBER 27, 2016 271-272	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 37h 50m 18s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 37h 50m 30s												0000 RTLTL 37h 50m 40s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	.....60.....												2030  -----15 [DA]-----  0030 2030  -----24 [DAR]-----  0030  .....10.....												
32 DSN COVERAGE	0845  -----45 [D]-----  1150  .....40.....												1450  -----43 [B]-----  1835  .....40.....												
S/C 32 INITIAL CONDITIONS RTLTL: 31h 4m 56s CCSL: B173 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 31h 5m 6s												0000 RTLTL 31h 5m 18s												
FDS MODE	CR-5T												ON CALL												
XB DATA RATE(MI)	ON CALL												ON CALL												
VGR COVERAGE	ON CALL												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0401 XB=2.8K(41) NOT RECOVERABLE																								
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
UTC:	SEP 27												SEP 28												

ISSUE DATE: 09/14/16 12:36

PDT:	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 SEPTEMBER 28, 2016 272-273																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 37h 50m 40s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200																			
TLC (SHORT-FORM) + D/L -   1118																									
FDS MODE																									
XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLTL: 31h 5m 18s CCSL: B173 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:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
UTC:																									

ISSUE DATE: 09/14/16 12:36

PDT:	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 SEPTEMBER 29, 2016 273-274																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLTL: 37h 51m 4s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 37h 51m 16s												0000 RTLTL 37h 51m 26s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE													.....10.....													
	.....60.....												1745  -----63 [D]-----  2235													
32 DSN COVERAGE	.....40.....												1430  -----43 [D]-----  1830													
													.....40.....													
S/C 32 INITIAL CONDITIONS RTLTL: 31h 5m 40s CCSL: B173 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 31h 5m 50s												0000 RTLTL 31h 6m 2s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													ON CALL													
VGR COVERAGE													ON CALL													
NOTES																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
UTC:	SEP 29													SEP 30												



PDT:	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	
FRIDAY SEPTEMBER 30, 2016 274-275																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLTL: 37h 51m 26s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 37h 51m 38s												0000 RTLTL 37h 51m 50s													
	---  0713- 0756 TAPPOS 1015    1016 PWS/RH 1026   -   1055 TAPPOS ↓ 1014 GS-4B 1016																									
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)													
31 DSN COVERAGE													.....10 ..... 1815  ----- 63 [D] -----  2230 .....60 .....													
32 DSN COVERAGE	----- 34 [o] -----  0715- 1130 1605  --- 34 [DAR] ---  1800 1605  --- 35 [DA] ---  1800 .....40 .....												.....40 .....													
S/C 32 INITIAL CONDITIONS RTLTL: 31h 6m 2s CCSL: B173 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 31h 6m 14s												0000 RTLTL 31h 6m 24s													
FDS MODE XB DATA RATE(MI)													CR-5T ON CALL													
VGR COVERAGE													ON CALL													
NOTES	[1] S/C 31=GS-4B @ 1014 XB=2.8K(41) NOT RECOVERABLE																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
UTC:	SEP 30														OCT 01											

ISSUE DATE: 09/14/16 12:36

PDT:	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 OCTOBER 1, 2016 275-276	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLT: 37h 51m 50s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 52m 0s												0000 RTLT 37h 52m 12s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE													.....10.....   1815  -----63 [D]-----  2225  .....60.....													
32 DSN COVERAGE	1220  -----43 [D]-----  1815  .....40.....												.....40.....													
S/C 32 INITIAL CONDITIONS RTLT: 31h 6m 24s CCSL: B173 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 31h 6m 36s												0000 RTLT 31h 6m 46s													
FDS MODE XB DATA RATE(MI)													CR-5T ON CALL													
VGR COVERAGE													ON CALL													
NOTES																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
UTC:	OCT 01													OCT 02												

PDT:	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		
SUNDAY OCTOBER 2, 2016 276-277	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLT: 37h 52m 12s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 37h 52m 24s</p> <p style="text-align: center;">1013   -   1042 TAPPOS</p> <p style="text-align: center;">1315   1316 PWS/RH</p> <p style="text-align: center;">1327     1342 TAPPOS</p> <p style="text-align: center;">↓ 1315 GS-4B 1316</p>																										
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)													CR-5T 160(32)													
31 DSN COVERAGE	<p style="text-align: center;">..... 1600  ----- 63 [D] -----  2220</p> <p style="text-align: center;">..... 60 .....</p>																										
32 DSN COVERAGE	<p style="text-align: center;"> ----- 35 [D] -----  0715 - 1120</p> <p style="text-align: center;">1550  --- 34 [DA] ---  1750</p> <p style="text-align: center;">1550  --- 45 [DAR] ---  1750</p> <p style="text-align: center;">..... 40 .....</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 31h 6m 46s CCSL: B173 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 31h 6m 58s</p>																										
FDS MODE XB DATA RATE(MI)	CR-5T ON CALL																										
VGR COVERAGE	ON CALL																										
NOTES	[1] S/C 31=GS-4B @ 1315 XB=2.8K(41) NOT RECOVERABLE																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
UTC:	OCT 02													OCT 03													