

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: March 21, 2012

For the Period: 03/22/12 to 04/09/12 (12-082 – 12-100)

DSN OPSCHIEF (1) 230-102

SCIENCE

FLIGHT TEAM (14) 600-100

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

- CRS *bryant@mail630.gsfc.nasa.gov
- LECP *r.decker@jhupl.edu
- UVS *holberg@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

- Dodd, S.
- Hall, J.
- Howard, S. (3)
- Ludwig, R. (2)
- Matsumoto, S.
- Medina, E.
- Peralta, F.
- Weeks, T.
- Wong, R.
- Yang, L
- Zottarelli, L.
- *odivers1@san.rr.com

OTHER

- * KMassej@jgld.gdscc.nasa.gov
- * Belinda.Arroyo@jpl.nasa.gov
- * !DL-DSN-MPSETA@dsn.nasa.gov

- 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

ISSUE DATE: 03/21/12 21:17

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 22, 2012 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 RTLTL: 33h 13m 16s CCSL: A082 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 33h 13m 14s												█ 0000 RTLTL 33h 13m 12s												
----- TLC (SHORT-FORM) -----																									
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	..... 10 .....												..... 40											
	..... 60 .....												..... 60											
32 DSN COVERAGE	..... 1420 |----- 43 [B] -----| 1855 40																							
S/C 32 INITIAL CONDITIONS RTLTL: 27h 14m 56s CCSL: B155 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 27h 14m 54s												█ 0000 RTLTL 27h 14m 52s												
▼ 1432 DUMMY (5 MIN BRACKETED 17:47)																									
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 22												MAR 23												

ISSUE DATE: 03/21/12 21:17

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 23, 2012 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 33h 13m 10s													0000 RTLT 33h 13m 10s													
RTLT: 33h 13m 12s																											
CCSL: A082														2128 | -- TAPPOS --- | 2359 0030 | 0031 PWS/RH 0238 | -- TAPPOS --- | 0455													
FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	-- TLC (SHORT-FORM) -- | D/L - | 1256																										
FDS MODE	CR-5T													0030 GS-4B 0031													
XB DATA RATE(MI)	160(32)													CR-5T 160(32)													
31 DSN COVERAGE																											
32 DSN COVERAGE																											
S/C 32 INITIAL CONDITIONS	1200 RTLT 27h 14m 50s													0000 RTLT 27h 14m 46s													
RTLT: 27h 14m 52s																											
CCSL: B155																											
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	[1] S/C 31=GS-4B @ 0030 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 23													MAR 24													

ISSUE DATE: 03/21/12 21:17

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 24, 2012 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	█ 1200 RTLT 33h 13m 8s												█ 0000 RTLT 33h 13m 6s															
RTLT: 33h 13m 10s																												
CCSL: A082																												
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	.....|.....10.....|.....|.....40.....|.....|.....10.....|.....60.....|.....																											
32 DSN COVERAGE	.....|.....1655 |----- 43 [D] -----| 2055 .....|.....40.....|.....																											
S/C 32 INITIAL CONDITIONS	█ 1200 RTLT 27h 14m 44s												█ 0000 RTLT 27h 14m 42s															
RTLT: 27h 14m 46s																												
CCSL: B155																												
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													

ISSUE DATE: 03/21/12 21:17

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 25, 2012 085-086																									
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 33h 13m 4s												█ 0000 RTLT 33h 13m 2s												
RTLT: 33h 13m 6s																									
CCSL: A082																									
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 27h 14m 40s												█ 0000 RTLT 27h 14m 36s												
RTLT: 27h 14m 42s																									
CCSL: B155																									
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 25												MAR 26												

ISSUE DATE: 03/21/12 21:17

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 26, 2012 086-087																																																																																																																																																	
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 33h 13m 0s												0000 RTLT 33h 12m 58s																																																																																																																																				
RTLTL: 33h 13m 2s																																																																																																																																																	
CCSL: A082																																																																																																																																																	
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	<table border="0"> <tr> <td>1045</td><td> </td><td>25 [DA]</td><td> </td><td>1255</td><td colspan="23"></td><td>10</td></tr> <tr> <td>1045</td><td> </td><td>26 [DAR]</td><td> </td><td>1255</td><td colspan="23"></td><td>10</td></tr> <tr> <td colspan="4"></td><td colspan="10"> ----- 40 ----- </td><td colspan="14"></td><td>10</td></tr> <tr> <td colspan="6"></td><td colspan="12"> ----- 60 ----- </td><td colspan="10">0335 ----- 63 [D] ----- 0545</td><td colspan="2"></td></tr> </table>																												1045		25 [DA]		1255																								10	1045		26 [DAR]		1255																								10					----- 40 -----																								10							----- 60 -----												0335 ----- 63 [D] ----- 0545											
1045		25 [DA]		1255																								10																																																																																																																					
1045		26 [DAR]		1255																								10																																																																																																																					
				----- 40 -----																								10																																																																																																																					
						----- 60 -----												0335 ----- 63 [D] ----- 0545																																																																																																																															
32 DSN COVERAGE	<table border="0"> <tr> <td colspan="12"></td><td colspan="14">1635 ----- 34 [D] ----- 2035</td><td colspan="2"></td></tr> <tr> <td colspan="14"></td><td colspan="12"> ----- 40 ----- </td><td colspan="2"></td></tr> </table>																																								1635 ----- 34 [D] ----- 2035																														----- 40 -----																																																																										
												1635 ----- 34 [D] ----- 2035																																																																																																																																					
														----- 40 -----																																																																																																																																			
S/C 32 INITIAL CONDITIONS	1200 RTLT 27h 14m 34s												0000 RTLT 27h 14m 32s																																																																																																																																				
RTLTL: 27h 14m 36s																																																																																																																																																	
CCSL: B155																																																																																																																																																	
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 26														MAR 27																																																																																																																																		

ISSUE DATE: 03/21/12 21:17

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 27, 2012 087-088	
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: 33h 12m 58s CCSL: A082 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLTL 33h 12m 56s</p> <p>0000 RTLTL 33h 12m 56s</p> <p>----- TLC (SHORT-FORM) ----- | D/L - | 1351</p> <p>1806 | 1807 PWS/RH</p> <p>↓ 1806 GS-4B 1807</p> <p>FDS MODE CR-5T CR-5T XB DATA RATE(MI) 160(32) 160(32)</p> <p>31 DSN COVERAGE</p> <p>1105 |----- 15 [DA] -----| 1505 1105 |----- 26 [DAR] -----| 1505</p> <p>.....|----- 10 -----|----- 10 -----|</p> <p>.....|----- 40 -----|----- 40 -----|</p> <p>.....|----- 60 -----|----- 60 -----|</p> <p>32 DSN COVERAGE</p> <p>.....|----- 1600 -----|----- 34 [o] -----| 2045 .....|----- 40 -----|</p> <p>S/C 32 INITIAL CONDITIONS RTLTL: 27h 14m 32s CCSL: B155 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF</p> <p>1200 RTLTL 27h 14m 30s</p> <p>0000 RTLTL 27h 14m 26s</p> <p>FDS MODE CR-5T XB DATA RATE(MI) 160(32)</p> <p>VGR COVERAGE ON CALL</p> <p>NOTES [1] S/C 31=GS-4B @ 1806 XB=2.8K(41) NOT RECOVERABLE</p> <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</p> <p>UTC: MAR 27 MAR 28</p>

ISSUE DATE: 03/21/12 21:17

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			
WEDNESDAY MARCH 28, 2012 088-089																												
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: 33h 12m 56s CCSL: A082 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 33h 12m 54s												0000 RTLT 33h 12m 52s															
FDS MODE															CR-5T													
XB DATA RATE(MI)															160(32)													
31 DSN COVERAGE	<p>0945 |----- 24 [DA] -----| 1345 0945 |----- 25 [DAR] -----| 1345</p> <p>.....|..... 10 .....|..... 40 .....|..... 10</p> <p>..... 60 .....|..... 60</p>																											
32 DSN COVERAGE	<p>..... 1535 |----- 45 [D] -----| 2045 40</p>																											
S/C 32 INITIAL CONDITIONS RTLTL: 27h 14m 26s CCSL: B155 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 27h 14m 24s												0000 RTLT 27h 14m 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 28														MAR 29													

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 29, 2012 089-090																									
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 12m 52s CCSL: A082 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 33h 12m 50s												█ 0000 RTLT 33h 12m 48s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	<p>1220 | 15 [DAR] | 1445 1220 | 24 [DA] | 1445 10 | 40 | 10</p>																								
32 DSN COVERAGE	<p>1415 | 34 [D] | 2020 40</p>																								
S/C 32 INITIAL CONDITIONS RTLT: 27h 14m 22s CCSL: B155 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 27h 14m 18s												█ 0000 RTLT 27h 14m 16s												
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 29												MAR 30												

ISSUE DATE: 03/21/12 21:17

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 30, 2012																												
090-091																												
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 33h 12m 46s													0000 RTLT 33h 12m 46s													
RTLT: 33h 12m 48s																												
CCSL: A082																												
FDSL: 11AF																												
TWNC: ON																												
SB: OFF																												
XB: LOW																												
PYR: .05/.10/.25																												
GYROS: OFF																												
FDS MODE		CR-5T													CR-5T													
XB DATA RATE(MI)		160(32)													160(32)													
31 DSN COVERAGE		<p>0910 |----- 15 [DA] -----| 1310 0910 |----- 25 [DAR] -----| 1310 ----- 10 -----| ----- 40 -----| ----- 60 -----| ----- 60 -----| 0630 |----- 63 [D] -----|</p>																										
32 DSN COVERAGE		<p>----- 1400 |----- 45 [D] -----| 1925 ----- 40 -----|</p>																										
S/C 32 INITIAL CONDITIONS		1200 RTLT 27h 14m 14s													0000 RTLT 27h 14m 10s													
RTLT: 27h 14m 16s																												
CCSL: B155																												
FDSL: 11AF																												
TWNC: ON																												
SB: OFF																												
XB: LOW																												
PYR: .05/.10/.25																												
GYROS: OFF																												
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 @ 0006 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 30													MAR 31													

ISSUE DATE: 03/21/12 21:17

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 31, 2012 091-092																										
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 12m 46s CCSL: A082 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLT 33h 12m 44s												█ 0000 RTLT 33h 12m 42s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	.....| 10 .....												.....| 40											
	.....| 60 .....												.....| 60											
	63 [D] | 0935																									
32 DSN COVERAGE	.....| 1400 .....												.....| 1910											
	.....| 45 [D] .....												.....| 40											
S/C 32 INITIAL CONDITIONS RTLT: 27h 14m 10s CCSL: B155 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLT 27h 14m 8s												█ 0000 RTLT 27h 14m 6s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												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 31												APR 01													

ISSUE DATE: 03/21/12 21:17

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	2		
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		
SUNDAY APRIL 1, 2012 092-093																												
S/C 31 INITIAL CONDITIONS RTLT: 33h 12m 42s CCSL: A082 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 33h 12m 42s														0000 RTLT 33h 12m 40s													
FDS MODE															CR-5T													
XB DATA RATE(MI)															160(32)													
31 DSN COVERAGE	<p>Timeline for 31 DSN COVERAGE:</p> <ul style="list-style-type: none"> Start: 1020 End: 1615 15 [DA] (Duration) 26 [DAR] (Data Rate) 10 (Duration) 40 (Duration) 60 (Duration) 0255 (Start) 63 [D] (Duration) 0655 (End) 60 (Duration) 																											
32 DSN COVERAGE	<p>Timeline for 32 DSN COVERAGE:</p> <ul style="list-style-type: none"> Start: 1430 End: 2100 45 [D] (Duration) 40 (Duration) 																											
S/C 32 INITIAL CONDITIONS RTLT: 27h 14m 6s CCSL: B155 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 27h 14m 2s														0000 RTLT 27h 14m 0s													
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	9		
UTC:	APR 01														APR 02													

ISSUE DATE: 03/21/12 21:17

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 APRIL 2, 2012 093-094																								
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 RTLT: 33h 12m 40s CCSL: A082 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 33h 12m 38s												| 0000 RTLT 33h 12m 36s											
FDS MODE	CR-5T												U/L 0225 | - | - - - - - TLC (SHORT-FORM) - - - - -											
XB DATA RATE(MI)	160(32)																							
31 DSN COVERAGE	<p>..... 10 ..... | ..... 10</p> <p>..... 40 ..... |</p> <p>..... 60 ..... | ..... 0200 | ..... 63 [T] ..... | 0545</p> <p>..... 60 ..... | ..... 60</p>																							
32 DSN COVERAGE	<p>..... 1715 | ..... 43 [B] ..... | 2140</p> <p>..... 40</p>																							
S/C 32 INITIAL CONDITIONS RTLT: 27h 14m 0s CCSL: B155 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 27h 13m 56s												| 0000 RTLT 27h 13m 54s											
FDS MODE	CR-5T												▼ 1732 DUMMY (5 MIN BRACKETED 20:46)											
XB DATA RATE(MI)	160(32)																							
VGR COVERAGE	ON CALL												VGR						ON CALL					
NOTES																								
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:	APR 02												Page 12 of 19						APR 03					

ISSUE DATE: 03/21/12 21:17

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 APRIL 3, 2012 094-095	
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 12m 36s CCSL: A082 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF FDS MODE XB DATA RATE(MI)	1200 RTLT 33h 12m 36s TLC (SHORT-FORM) 1742 | 1743 PWS/RH ↓ 1742 GS-4B 1743 CR-5T 160(32)
	0000 RTLT 33h 12m 34s CR-5T 160(32)
	31 DSN COVERAGE 10 40 60 60
	32 DSN COVERAGE 1655 | ..... 45 [D] 2245 40
S/C 32 INITIAL CONDITIONS RTLT: 27h 13m 54s CCSL: B155 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF FDS MODE XB DATA RATE(MI)	1200 RTLT 27h 13m 52s 1854 | PLSCAL - | 2036 1854 | --- MAGCAL --- | 2156 1854 | --- PESCAL --- | 2214
	0000 RTLT 27h 13m 48s CR-5T 160(32)
	VGR COVERAGE ON CALL
	NOTES [1] S/C 31=GS-4B @ 1742 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: APR 03 Page 13 of 19 APR 04	

ISSUE DATE: 03/21/12 21:17

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 APRIL 4, 2012 095-096																												
S/C 31 INITIAL CONDITIONS RTLT: 33h 12m 34s CCSL: A082 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 33h 12m 32s												0000 RTLT 33h 12m 32s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS RTLT: 27h 13m 48s CCSL: B155 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 27h 13m 46s												0000 RTLT 27h 13m 44s															
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:	APR 04														APR 05													

ISSUE DATE: 03/21/12 21:17

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 APRIL 5, 2012 096-097																									
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 12m 32s CCSL: A082 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLT 33h 12m 30s												█ 0000 RTLT 33h 12m 30s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	..... 10 .....												|..... 10											
	|..... 40 .....												|..... 10											
	63 | 0830											0045 |	63 [D]											0545	
	..... 60 .....											..... 60												
32 DSN COVERAGE	|..... 1640 |..... 43 [o] |..... 2025												|..... 40											
S/C 32 INITIAL CONDITIONS RTLT: 27h 13m 44s CCSL: B155 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLT 27h 13m 40s												█ 0000 RTLT 27h 13m 38s												
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:	APR 05												APR 06												

ISSUE DATE: 03/21/12 21:17

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 APRIL 6, 2012 097-098																										
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 12m 30s CCSL: A082 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 33h 12m 28s												█ 0000 RTLT 33h 12m 26s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	1345 |-----| 14 [D] |-----| 1740												2040 | TAPPOS | 2216 2342 | 2343 PWS/RH 0150 | TAPPOS | 0311 ↓ 2342 GS-4B 2343													
32 DSN COVERAGE	1715 |-----| 34 [D] |-----| 2125																									
S/C 32 INITIAL CONDITIONS RTLT: 27h 13m 38s CCSL: B155 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 27h 13m 34s												█ 0000 RTLT 27h 13m 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 @ 2342 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:	APR 06												APR 07													

ISSUE DATE: 03/21/12 21:17

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 APRIL 7, 2012 098-099																										
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: 33h 12m 26s CCSL: A082 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 33h 12m 26s												█ 0000 RTLTL 33h 12m 24s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	|----- 14 [D] -----| 0825 - 1315												|----- 10 -----|													
	|----- 10 -----|												|----- 40 -----|													
	|----- 60 -----|												0005 |----- 63 [D] -----| 0425													
													|----- 60 -----|													
32 DSN COVERAGE													1440 |----- 43 [D] -----| 1840													
													|----- 40 -----|													
S/C 32 INITIAL CONDITIONS RTLTL: 27h 13m 32s CCSL: B155 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 27h 13m 30s												█ 0000 RTLTL 27h 13m 26s													
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:	APR 07													APR 08												

ISSUE DATE: 03/21/12 21:17

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 APRIL 8, 2012 099-100																										
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 12m 24s CCSL: A082 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 33h 12m 24s												█ 0000 RTLT 33h 12m 22s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	..... 10 .....												|..... 10											
	|..... 40 .....												|..... 60											
	..... 60												0145 |----- 63 [D] -----| 0605												
32 DSN COVERAGE	1140 |----- 43 [o] -----| 1730												|..... 40												
S/C 32 INITIAL CONDITIONS RTLT: 27h 13m 26s CCSL: B155 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 27h 13m 24s												█ 0000 RTLT 27h 13m 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:	APR 08													APR 09												

ISSUE DATE: 03/21/12 21:17

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 APRIL 9, 2012 100-101																											
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 12m 22s CCSL: A082 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 33h 12m 22s</p> </div>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<div style="text-align: center;"> <p>0840 - 1145 14 [D]</p> </div>																										
32 DSN COVERAGE	<div style="text-align: center;"> <p>1540 - 2040 43 [D]</p> </div>																										
S/C 32 INITIAL CONDITIONS RTLT: 27h 13m 22s CCSL: B155 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 27h 13m 18s</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:	APR 09													APR 10													