VOYAGER
Space Flight Operations Schedule (SFOS)

Issue Date: May 2, 2012 For the Period: 05/03/12 to 05/21/12 (12-124 – 12-142)

DSN OPSCHIEF (1) 230-102

DSOT (1) 230-102

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

OTHER

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

SCIENCE

CRS *bryant@mail630.gsfc.nasa.gov
LECP *r.decker@jhuapl.edu
UVS *holberg@argus.lpl.arizona.edu
MAG *u2mha@lepvax.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, E.
Peralta, F.
Weeks, T.
Wong, R.
Yang, L
Zottarelli, L.
*odivers1@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 = 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: 05/02/12 20:57

THURSDAY
MAY 3, 2012
124-125

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

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: 33h 12m 22s

CCSL: A083

FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 33h 12m 24s

0000 RTLT 33h 12m 24s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

1035 15 [DAR] 1335
1035 24 [DA] 1335
10
40
60
14 [D] 0630
10
0320 0440 55 [DAR]
0320 54 [DA] 0440
60

32 DSN COVERAGE

1610 34 [o] 1945
40

S/C 32
INITIAL CONDITIONS

RTLT: 27h 11m 16s

CCSL: B155

FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 27h 11m 14s

0000 RTLT 27h 11m 12s

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: MAY 03 | MAY 04

ISSUE DATE: 05/02/12 20:57

FRIDAY
MAY 4, 2012
125-126

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

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: 33h 12m 24s
CCSL: A083
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: BC ON

- 1200 RTLT 33h 12m 26s
- 0000 RTLT 33h 12m 26s
- 0711 AAI
- MAGROL 0714 - 1309
- 1302 RAI
- 1304 PSUEDO FLYBACK & SWEEP
- 1306 SET CALIB - GYROS STAY ON
- 1309 CRU
- 1904 – 1933 TAPPOS
- 2206 2207 PWS/RH
- 0014 – 0056 TAPPOS
- 2206 GS-4B 2207

FDS MODE: CR-5T | CR-5T
XB DATA RATE(MI): 160(32) | 160(32)

31 DSN COVERAGE

- 14 [D] 1355 (10)
- (40)
- (10)
- 0005 63 [D] 0305 (60) (60)

32 DSN COVERAGE

- 1735 34 [D] 2210 (40)

S/C 32 INITIAL CONDITIONS

RTLT: 27h 11m 12s
CCSL: B155
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 27h 11m 10s
- 0000 RTLT 27h 11m 8s

FDS MODE: CR-5T
XB DATA RATE(MI): 160(32)

VGR COVERAGE: VGR | ON CALL

NOTES

[1] S/C 31 D/L AGC & SNR VARIATIONS EXPECTED DURING MAGROL (0714-1309)
[2] S/C 31=GS-4B @ 2206 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: MAY 04 | MAY 05

ISSUE DATE: 05/02/12 20:57

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
MAY 5, 2012
126-127

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: 33h 12m 26s

CCSL: A083

FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 33h 12m 28s

0000 RTLT 33h 12m 30s

2226 2227 AACS MRO
2228 AAI
2238 LECP OBS 0114
0126 RAI
0141 0142 AACS MRO
0143 GYRO FAULT TEST

FDS MODE: CR-5T
XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0950 15 [DA] 1315
0950 25 [DAR] 1315
10
40
10
2210 63 [D] 0210
60
60

32 DSN COVERAGE

1545 43 [D] 2005
40

S/C 32
INITIAL CONDITIONS

RTLT: 27h 11m 8s

CCSL: B155

FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 27h 11m 6s

0000 RTLT 27h 11m 4s

FDS MODE: CR-5T
XB DATA RATE(MI): 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: MAY 05 | MAY 06

ISSUE DATE: 05/02/12 20:57

SUNDAY
MAY 6, 2012
127-128

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

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: 33h 12m 30s

CCSL: A083

FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 33h 12m 30s

0000 RTLT 33h 12m 32s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

1415 14 [D] 1540

10

40

10

0115 63 [D] 0415

60

60

32 DSN COVERAGE

1500 43 [H,o] 1930

40

S/C 32
INITIAL CONDITIONS

RTLT: 27h 11m 4s

CCSL: B155

FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 27h 11m 2s

0000 RTLT 27h 11m 0s

1545 DUMMY (18:56)

1550 EL-40 (19:01)

1611 CCSL B156 (19:22)

1650 CR-5T (20:01)

FDS MODE: CR-5T

XB DATA RATE(MI): 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: MAY 06 | MAY 07

ISSUE DATE: 05/02/12 20:57

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
MAY 7, 2012
128-129

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: 33h 12m 32s
CCSL: A083
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 33h 12m 34s
0000 RTLT 33h 12m 36s

1016 1017 AACS MRO
1018 AAI
1028 LECP OBS 1356
1408 RAI
1423 1424 AACS MRO
1425 GYRO FAULT TEST

0431 0432 AACS MRO
0433 AAI
0443 LECP OBS

FDS MODE: CR-5T
XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

1000 15 [DA] 1445
1000 26 [DAR] 1445
10
40
60
60
0415 14 [D]
10

32 DSN COVERAGE

1235 45 [D1] 1545
1735 34 [D] 0140
40

S/C 32 INITIAL CONDITIONS

RTLT: 27h 11m 0s
CCSL: B155
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 27h 10m 58s
0000 RTLT 27h 10m 56s

1927 1931 B156 CHKSUM

EL-40 1902
2002 CR-5T

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	VGR	ON CALL	VGR

NOTES
[1] ENGINEERING DEMO
[2] S/C 32=EL-40 XB=40(30) @ 1902
[3] S/C 32=CR-5T XB=160(32) @ 2002

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: MAY 07 | MAY 08

ISSUE DATE: 05/02/12 20:57

TUESDAY
MAY 8, 2012
129-130

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

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: 33h 12m 36s
CCSL: A083
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: BC ON

- 1200 RTLT 33h 12m 38s
- 0000 RTLT 33h 12m 38s
- 0745 LECP OBS
- 0757 RAI
- 0812 0813 AACS MRO
- 0814 GYRO FAULT TEST
- 1542 1543 PWS/RH
- 1542 GS-4B 1543
- 2256 2257 AACS MRO
- 2258 AAI
- 2308 LECP OBS 0235
- 0247 RAI
- 0302 0303 AACS MRO
- 0304 GYRO FAULT TEST

FDS MODE: CR-5T | CR-5T
XB DATA RATE(MI): 160(32) | 160(32)

31 DSN COVERAGE

- 14 [D] 0845
- 10
- 40
- 10
- 60
- 2240 63 [D] 0335
- 60

32 DSN COVERAGE

- 1525 43 [H,2] 2135
- 40

S/C 32 INITIAL CONDITIONS

RTLT: 27h 10m 56s
CCSL: B155
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 27h 10m 54s
- 0000 RTLT 27h 10m 52s
- 1835 COMMAND MORATORIUM
- *1542 EL-40 CCS FMRO (18:53)*

FDS MODE: CR-5T
XB DATA RATE(MI): 160(32)

VGR COVERAGE: VGR | ON CALL | VGR | ON CALL | VGR | ON CALL

NOTES
[1] S/C 31=GS-4B @ 1542 XB=2.8K(41) NOT RECOVERABLE
[2] B156 BACKUP UPLINK TRACK

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: MAY 08 | MAY 09

ISSUE DATE: 05/02/12 20:57

WEDNESDAY
MAY 9, 2012
130-131

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

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: 33h 12m 38s
CCSL: A083
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 33h 12m 40s
0000 RTLT 33h 12m 42s
0017 0018 AACS MRO
0019 AAI
0029 LECP OBS 0305
0120 DUMMY (10:33)
U/L 0235 TLC (SHORT-FORM)
0317 RAI
0332 0333 AACS MRO
GYRO FAULT TEST 0334

FDS MODE: CR-5T
XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0850 25 [DAR] 1100
0850 26 [DA] 1100
10
40
10
0010 63 [T] 0355
60
60

32 DSN COVERAGE

1745 43 [D] 2150
40

S/C 32 INITIAL CONDITIONS

RTLT: 27h 10m 52s
CCSL: B155
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 27h 10m 50s
0000 RTLT 27h 10m 48s
COMMAND MORATORIUM
1910 2019 CCSA MRO
2022 2054 CCSB MRO
2116 X/B LOW POWER
2120 BAY 1 HTR ON
EL-40 1855
2055 CR-5T

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	VGR	ON CALL

NOTES

[1] S/C 32=EL-40 XB=40(30) @ 1855
[2] S/C 32=CR-5T XB=160(32) @ 2055

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: MAY 09 | MAY 10

ISSUE DATE: 05/02/12 20:57

THURSDAY
MAY 10, 2012
131-132

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

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: 33h 12m 42s

CCSL: A083

FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: BC ON

- 1200 RTLT 33h 12m 44s
- 0000 RTLT 33h 12m 46s
- 0910 ‖ 0911 AACS MRO
- 0912 AAI
- 0922 – LECP OBS – 1325
- 1327 RAI
- 1331 GYROS OFF
- 1342 ‖ 1343 AACS MRO
- TLC (SHORT-FORM)
- 1407 X/B LOW POWER
- 1411 BAY 1 HTR ON

FDS MODE: CR-5T
XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

- 0820 – 14 [D] – 1435
- 10
- 10
- 40
- 60
- 60

32 DSN COVERAGE

- 1445 – 45 [D] – 1910
- 40

S/C 32 INITIAL CONDITIONS

RTLT: 27h 10m 48s

CCSL: B155

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 27h 10m 46s
- 0000 RTLT 27h 10m 44s
- COMMAND MORATORIUM – 1809

FDS MODE: CR-5T
XB DATA RATE(MI): 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: MAY 10 | MAY 11

ISSUE DATE: 05/02/12 20:57

FRIDAY
MAY 11, 2012
132-133

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

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: 33h 12m 46s
CCSL: A083
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 33h 12m 48s
0000 RTLT 33h 12m 50s
1840 – 1937 TAPPOS
2142 | 2143 PWS/RH
2350 – 0100 TAPPOS
TLC (SHORT-FORM) – D/L – 1316
2142 GS-4B 2143

FDS MODE: CR-5T | CR-5T
XB DATA RATE(MI): 160(32) | 160(32)

31 DSN COVERAGE

0920 – 14 [D] – 1320
10
40
60
0200 - 0625 – 63 [D]
60
10

32 DSN COVERAGE

1310 – 45 [D] – 1710
40

S/C 32 INITIAL CONDITIONS

RTLT: 27h 10m 44s
CCSL: B155
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 27h 10m 44s
0000 RTLT 27h 10m 42s

FDS MODE: CR-5T
XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 2142 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: MAY 11 | MAY 12

ISSUE DATE: 05/02/12 20:57

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
MAY 12, 2012
133-134

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: 33h 12m 50s

CCSL: A083

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 33h 12m 52s

0000 RTLT 33h 12m 54s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

10

40

0350 14 [D]
10

2210 65 [DA] 0120
2210 55 [DAR] 0120

60

60

32 DSN COVERAGE

1115 45 [D] 1955
40

S/C 32
INITIAL CONDITIONS

RTLT: 27h 10m 42s

CCSL: B155

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 27h 10m 40s

0000 RTLT 27h 10m 38s

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: MAY 12 | MAY 13

ISSUE DATE: 05/02/12 20:57

SUNDAY
MAY 13, 2012
134-135

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

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: 33h 12m 54s
CCSL: A083
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 33h 12m 56s

0000 RTLT 33h 12m 58s

2304 PWR CH TLM DEMO 0215
2305 2307 TEMP E-075 TLM ASSIGNMENTS
0140 0141 PC QUEUE MRO
0205 0206 PC QUEUE MRO
0211 0213 RESTORE E-075 TLM

0146 EL-40 0210 CR-5T

FDS MODE: CR-5T | CR-5T
XB DATA RATE(MI): 160(32) | 160(32)

31 DSN COVERAGE

14 [D] 1040
10
40
60
2210 63 [D] 0345
60
0345 14 [D] 0545
10

32 DSN COVERAGE

1145 34 [D] 1420
1400 45 [D] 1735
40

S/C 32 INITIAL CONDITIONS

RTLT: 27h 10m 38s
CCSL: B155
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 27h 10m 36s

0000 RTLT 27h 10m 34s

FDS MODE: CR-5T
XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL | VGR | ON CALL

NOTES

[1] S/C 31=EL-40 XB=40(32) @ 0146
[2] S/C 31=CR-5T XB=160(32) @ 0210

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: MAY 13 | MAY 14

ISSUE DATE: 05/02/12 20:57

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
MAY 14, 2012
135-136

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: 33h 12m 58s

CCSL: A083

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 33h 13m 0s

0000 RTLT 33h 13m 4s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

10

40

10

60

60

32 DSN COVERAGE

1105 — 34 [D] — 1715

40

S/C 32
INITIAL CONDITIONS

RTLT: 27h 10m 34s

CCSL: B155

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 27h 10m 34s

0000 RTLT 27h 10m 32s

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: MAY 14 | MAY 15

ISSUE DATE: 05/02/12 20:57

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
MAY 15, 2012
136-137

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: 33h 13m 4s

CCSL: A083

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 33h 13m 6s

0000 RTLT 33h 13m 8s

1519 1520 PWS/RH

1518 GS-4B 1519

FDS MODE: CR-5T | CR-5T

XB DATA RATE(MI): 160(32) | 160(32)

31 DSN COVERAGE

0755 25 [DAR] 1330
0755 26 [DA] 1330
10

60

40

0020 55 [DAR] 0250
0020 54 [DA] 0250
60

25 [DAR] 0630
26 [DA] 0630
10

32 DSN COVERAGE

1150 34 [D] 1625
40

S/C 32
INITIAL CONDITIONS

RTLT: 27h 10m 32s

CCSL: B155

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 27h 10m 30s

0000 RTLT 27h 10m 28s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 1518 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: MAY 15 | MAY 16

ISSUE DATE: 05/02/12 20:57

WEDNESDAY
MAY 16, 2012
137-138

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

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: 33h 13m 8s

CCSL: A083

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 33h 13m 10s

0000 RTLT 33h 13m 14s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

25 [DAR] 1130
26 [DA] 1130
10
40
60
10
0140 63 [D] 0420
60

32 DSN COVERAGE

1110 34 [o] 1720
40

S/C 32
INITIAL CONDITIONS

RTLT: 27h 10m 28s

CCSL: B155

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 27h 10m 28s

0000 RTLT 27h 10m 26s

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: MAY 16 | MAY 17

ISSUE DATE: 05/02/12 20:57

THURSDAY
MAY 17, 2012
138-139

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

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: 33h 13m 14s

CCSL: A083

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 33h 13m 16s

0000 RTLT 33h 13m 18s

U/L 0150 TLC (SHORT-FORM)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0745 14 [D] 1230
10
40
60
15 [DAR] 0630
25 [DA] 0630
10
0125 63 [T] 0335
60

32 DSN COVERAGE

1055 34 [D] 1820
40

S/C 32
INITIAL CONDITIONS

RTLT: 27h 10m 26s

CCSL: B155

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 27h 10m 24s

0000 RTLT 27h 10m 24s

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: MAY 17 | MAY 18

ISSUE DATE: 05/02/12 20:57

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
MAY 18, 2012
139-140

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: 33h 13m 18s

CCSL: A083

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 33h 13m 22s

0000 RTLT 33h 13m 24s

TLC (SHORT-FORM)

1816 TAPPOS 1941

2118 2119 PWS/RH

2326 TAPPOS 0104

2118 GS-4B 2119

FDS MODE: CR-5T | CR-5T

XB DATA RATE(MI): 160(32) | 160(32)

31 DSN COVERAGE

15 [DAR] 1030
25 [DA] 1030
10
40
60
10
60

32 DSN COVERAGE

1100 34 [D] 1845
40

S/C 32
INITIAL CONDITIONS

RTLT: 27h 10m 24s

CCSL: B155

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 27h 10m 22s

0000 RTLT 27h 10m 20s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 2118 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: MAY 18 | MAY 19

ISSUE DATE: 05/02/12 20:57

SATURDAY
MAY 19, 2012
140-141

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

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: 33h 13m 24s

CCSL: A083

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 33h 13m 26s

0000 RTLT 33h 13m 30s

TLC (SHORT-FORM) D/L 1231

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

14 [D] 0705 - 1145 (10)

(40)

0405 14 [D] (10)

0215 55 [DA] 0400
0215 54 [DAR] 0400 (60)

32 DSN COVERAGE

1110 45 [D] 1600 (40)

S/C 32
INITIAL CONDITIONS

RTLT: 27h 10m 20s

CCSL: B155

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 27h 10m 20s

0000 RTLT 27h 10m 18s

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: MAY 19 | MAY 20

ISSUE DATE: 05/02/12 20:57

SUNDAY
MAY 20, 2012
141-142

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

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: 33h 13m 30s

CCSL: A083

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 33h 13m 32s

0000 RTLT 33h 13m 36s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0715 14 [D]
10
40
10
0130 63 [D] 0545
60

32 DSN COVERAGE

1145 34 [D] 1605
40

S/C 32
INITIAL CONDITIONS

RTLT: 27h 10m 18s

CCSL: B155

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 27h 10m 18s

0000 RTLT 27h 10m 16s

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: MAY 20 | MAY 21

ISSUE DATE: 05/02/12 20:57

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
MAY 21, 2012
142-143

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: 33h 13m 36s

CCSL: A083

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 33h 13m 38s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [DAR] 0720 - 1305
24 [DA] 0720 - 1105
1105 25 [DA] 1305
10
40

32 DSN COVERAGE

1310 34 [o] 2200

S/C 32
INITIAL CONDITIONS

RTLT: 27h 10m 16s

CCSL: B155

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 27h 10m 14s

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: MAY 21 | MAY 22