VOYAGER
Space Flight Operations Schedule (SFOS)

Issue Date: August 28, 2013 For the Period: 08/29/13 to 09/16/13 (13-241 – 13-259)

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LEGEND:

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

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

ISSUE DATE: 08/29/13 14:55

THURSDAY
AUGUST 29, 2013
241-242

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: 34h 40m 30s
CCSL: A088
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 34h 40m 42s
0000 RTLT 34h 40m 54s
1250 – 1358 TAPPOS
1551 | 1552 PWS/RH
1603 – 1657 TAPPOS
U/L 2000 – TLC (SHORT-FORM)
1551 GS-4B 1552

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

31 DSN COVERAGE

0715 24 [DA]
0715 25 [DAR]
10
40
0330 – 14 [D]
10
40
1935 – 63 [T] – 0040
60

32 DSN COVERAGE

1105 – 43 [D] – 1815
40
40

S/C 32 INITIAL CONDITIONS

RTLT: 28h 16m 44s
CCSL: B161
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25/
GYROS: OFF

1200 RTLT 28h 16m 54s
0000 RTLT 28h 17m 4s
COMMAND MORATORIUM
1658 GYROS AC ON
1659 GYRO INIT
1709 GYRO FAULT TEST

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

VGR COVERAGE: ON CALL | VGR | ON CALL

NOTES

[1] S/C 31=GS-4B @ 1551 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: AUG 29 | AUG 30

ISSUE DATE: 08/29/13 14:55

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
AUGUST 30, 2013
242-243

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: 34h 40m 54s

CCSL: A088

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

1200 RTLT 34h 41m 6s

0000 RTLT 34h 41m 18s

TLC (SHORT-FORM)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

14 [D] 0805
10
40
60
1710 55 [DAR] 2050
1710 65 [DA] 2050
2040 63 [D] 0010
0100 14 [D]
10
40

32 DSN COVERAGE

0905 45 [D] 1535
40
0425 43 [o]
40

S/C 32
INITIAL CONDITIONS

RTLT: 28h 17m 4s

CCSL: B161

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

1200 RTLT 28h 17m 12s

0000 RTLT 28h 17m 22s

COMMAND MORATORIUM 1242

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: AUG 30 | AUG 31

ISSUE DATE: 08/29/13 14:55

SATURDAY
AUGUST 31, 2013
243-244

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: 34h 41m 18s
CCSL: A088
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 34h 41m 30s
0000 RTLT 34h 41m 40s
1550 – – – – 1644 TAPPOS
1851 1853 PWS/RH
1904 – – – 1944 TAPPOS
TLC (SHORT-FORM)
D/L 0809
1851 GS-4B 1853

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

31 DSN COVERAGE

14 [D] 0800
10
40
0240 24 [DA] 0505
0240 26 [DAR] 0505
0445 14 [D]
10
40
1925 63 [D] 0030
60

32 DSN COVERAGE

43 [o] 0820
0825 45 [D] 1810
40
45 [D] 0605
40

S/C 32 INITIAL CONDITIONS

RTLT: 28h 17m 22s
CCSL: B161
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25/
GYROS: AC ON

1200 RTLT 28h 17m 32s
0000 RTLT 28h 17m 42s
1700 GYRO INIT

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

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 1851 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: AUG 31 | SEP 01

ISSUE DATE: 08/29/13 14:55

SUNDAY
SEPTEMBER 1, 2013
244-245

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: 34h 41m 40s

CCSL: A088

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

1200 RTLT 34h 41m 52s

0000 RTLT 34h 42m 4s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0755 14 [D]
10
40
60
0115 15 [DA] 0405
0115 25 [DAR] 0405
0345 14 [D]
10
2125 63 [D] 0025
40

32 DSN COVERAGE

45 [D] 1815
40
0600 45 [D]
40

S/C 32
INITIAL CONDITIONS

RTLT: 28h 17m 42s

CCSL: B161

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

1200 RTLT 28h 17m 52s

0000 RTLT 28h 18m 2s

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 01 | SEP 02

ISSUE DATE: 08/29/13 14:55

MONDAY
SEPTEMBER 2, 2013
245-246

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: 34h 42m 4s

CCSL: A088

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

1200 RTLT 34h 42m 16s

0000 RTLT 34h 42m 28s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0755 14 [D]
10

43 [D]
40

0735 - 1245
60

2100 63 [D] 2315
10

0315 14 [D]
40

32 DSN COVERAGE

45 [D]
40

1350

1330 43 [D] 1715

0435 34 [o]
40

S/C 32
INITIAL CONDITIONS

RTLT: 28h 18m 2s

CCSL: B161

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

1200 RTLT 28h 18m 12s

0000 RTLT 28h 18m 20s

1700 GYRO INIT

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL

NOTES

JPL HOLIDAY!

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 02 | SEP 03

ISSUE DATE: 08/29/13 14:55

TUESDAY
SEPTEMBER 3, 2013
246-247

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: 34h 42m 28s
CCSL: A088
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 34h 42m 40s
0000 RTLT 34h 42m 52s
0915 | 0916 PWS/RH
2035 DUMMY (07:18)
U/L 2200 TLC (SHORT-FORM)
0915 GS-4B 0916

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

31 DSN COVERAGE

0745 14 [D] (10)
43 [D] 0725 - 1240 (40)
0015 - 0650 25 [DA]
0015 - 0650 26 [DAR] (10) (40)
2010 63 [T] 0020 (60)

32 DSN COVERAGE

34 [o] 1520 (40) (40)

S/C 32 INITIAL CONDITIONS

RTLT: 28h 18m 20s
CCSL: B161
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25/
GYROS: AC ON

1200 RTLT 28h 18m 30s
0000 RTLT 28h 18m 40s

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

VGR COVERAGE: ON CALL | VGR | ON CALL

NOTES
[1] S/C 31=GS-4B @ 0915 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 03 | SEP 04

ISSUE DATE: 08/29/13 14:55

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 4, 2013
247-248

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: 34h 42m 52s

CCSL: A088

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

1200 RTLT 34h 43m 4s

0000 RTLT 34h 43m 16s

TLC (SHORT-FORM)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0225 - 0645 25 [DAR]
0225 - 0645 26 [DA]
10
10
40
0530 43 [D]
40
1915 63 [D] 0015
60

32 DSN COVERAGE

1030 34 [D] 1810
40
45 [D] 0630
40

S/C 32
INITIAL CONDITIONS

RTLT: 28h 18m 40s

CCSL: B161

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

1200 RTLT 28h 18m 50s

0000 RTLT 28h 19m 0s

1700 GYRO INIT

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 04 | SEP 05

ISSUE DATE: 08/29/13 14:55

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 5, 2013
248-249

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: 34h 43m 16s

CCSL: A088

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

1200 RTLT 34h 43m 28s

0000 RTLT 34h 43m 40s

1227 – 1253 TAPPOS

1530 1530 PWS/RH

1541 – 1553 TAPPOS

TLC (SHORT-FORM)

D/L – 1011

1528 GS-4B 1530

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

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

31 DSN COVERAGE

10

43 [D] — 1235

40

0015 — 15 [DAR] — 0350

0015 — 24 [DA] — 0350

0315 — 14 [D]

10

40

1900 — 63 [D] — 0010

60

32 DSN COVERAGE

45 [D] — 1555

1535 — 43 [B] — 1920

40

34 [D] 0630

40

S/C 32
INITIAL CONDITIONS

RTLT: 28h 19m 0s

CCSL: B161

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

1200 RTLT 28h 19m 10s

0000 RTLT 28h 19m 20s

GYRO SWAP BC ON 0640

GYRO INIT 0640

GYRO FAULT TEST 0650

1552 DUMMY (5 MIN BRACKETED 20:12)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

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

NOTES

[1] S/C 31=GS-4B @ 1528 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 05 | SEP 06

ISSUE DATE: 08/29/13 14:55

FRIDAY
SEPTEMBER 6, 2013
249-250

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: 34h 43m 40s

CCSL: A088

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

1200 RTLT 34h 43m 52s

0000 RTLT 34h 44m 4s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0735 14 [D]
10
40
1730 55 [DA] 2310
1730 54 [DAR] 2310
60
10
0050 24 [DA] 0335
0050 25 [DAR] 0335
0315 14 [D] 0600
40

32 DSN COVERAGE

34 [D] 1805
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 28h 19m 20s

CCSL: B161

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

1200 RTLT 28h 19m 30s

0000 RTLT 28h 19m 40s

0740 - 0747 CCSTIMB

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 06 | SEP 07

ISSUE DATE: 08/29/13 14:55

SATURDAY
SEPTEMBER 7, 2013
250-251

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: 34h 44m 4s
CCSL: A088
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 34h 44m 16s
0000 RTLT 34h 44m 26s
1528 1540 TAPPOS
1830 1831 PWS/RH
1841 1842 TAPPOS
1829 GS-4B 1830

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

31 DSN COVERAGE

0000 15 [DAR] 0215
0000 24 [DA] 0215
0150 14 [D]
10
40
10
40
1910 63 [D] 0005
60

32 DSN COVERAGE

0830 43 [D] 1440
40
40

S/C 32 INITIAL CONDITIONS

RTLT: 28h 19m 40s
CCSL: B161
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25/
GYROS: BC ON

1200 RTLT 28h 19m 52s
0000 RTLT 28h 20m 2s

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

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 1829 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 07 | SEP 08

ISSUE DATE: 08/29/13 14:55

SUNDAY
SEPTEMBER 8, 2013
251-252

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: 34h 44m 26s

CCSL: A088

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

1200 RTLT 34h 44m 38s

0000 RTLT 34h 44m 50s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0730 14 [D]
10
40
60
1910 63 [D] 0000
0225 - 0630 25 [DAR]
0225 - 0630 26 [DA]
10
40

32 DSN COVERAGE

0815 45 [D] 1125
1105 34 [D] 1755
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 28h 20m 2s

CCSL: B161

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

1200 RTLT 28h 20m 12s

0000 RTLT 28h 20m 22s

COMMAND MORATORIUM 0334

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 08 | SEP 09

ISSUE DATE: 08/29/13 14:55

MONDAY
SEPTEMBER 9, 2013
252-253

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: 34h 44m 50s

CCSL: A088

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

1200 RTLT 34h 45m 2s

0000 RTLT 34h 45m 14s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

10

40

60

2335 — 14 [D] — 0140

0120 - 0625 — 25 [DAR]

0120 - 0625 — 26 [DA]

10

40

2005 — 63 [D] — 2355

32 DSN COVERAGE

1030 — 43 [D] — 1240

1220 — 34 [D] — 1755

40

43 [D] 0630

40

S/C 32
INITIAL CONDITIONS

RTLT: 28h 20m 22s

CCSL: B161

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

1200 RTLT 28h 20m 32s

0000 RTLT 28h 20m 42s

COMMAND MORATORIUM

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 09 | SEP 10

ISSUE DATE: 08/29/13 14:55

TUESDAY
SEPTEMBER 10, 2013
253-254

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: 34h 45m 14s
CCSL: A088
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 34h 45m 26s
0000 RTLT 34h 45m 38s
0108 MAGCAL 0411
0108 PESCAL 0428
PWS/RH 0517 0518
0517 GS-4B 0517

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

31 DSN COVERAGE

0055 14 [D]
10
40
10
40
2000 63 [D] 2350
60

32 DSN COVERAGE

43 [D] 1000
1115 45 [D] 1750
40
40

S/C 32 INITIAL CONDITIONS

RTLT: 28h 20m 42s
CCSL: B161
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25/
GYROS: BC ON

1200 RTLT 28h 20m 52s
0000 RTLT 28h 21m 4s
COMMAND MORATORIUM 0308
0725 BAY 1 HTR OFF
0729 X/B HI POWER
0757 ALL DB=.05
0813 AAI
0813 0851 ASCAL
0848 RAI
0851 CRU
0859 YAW=.10
0859 ROLL=.25
0901 GYRO FAULT TEST
0741 0854

FDS MODE: EL-40 | CR-5T
XB DATA RATE(MI): 40(30) | 160(32)

VGR COVERAGE: VGR | ON CALL

NOTES

[1] S/C 31=GS-4B @ 0517 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 32 - D/L /SNR VARIATIONS EXPECTED DURING ASCAL (0813-0850)
[3] S/C 32=EL-40 @ 0741 XB=40(30)

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 10 | SEP 11

ISSUE DATE: 08/29/13 14:55

WEDNESDAY
SEPTEMBER 11, 2013
254-255

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: 34h 45m 38s
CCSL: A088
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 34h 45m 50s
- 0000 RTLT 34h 46m 2s
- 2102 GYROS BC ON
- 2102 GYRO INIT
- 2112 GYRO FAULT TEST

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

31 DSN COVERAGE

- 0715 14 [D]
- 10
- 40
- 0100 - 0620 25 [DAR]
- 0100 - 0620 26 [DA]
- 10
- 40
- 2050 63 [D] 2345
- 60

32 DSN COVERAGE

- 1015 43 [D] 1750
- 40
- 45 [D] 0635
- 40

S/C 32 INITIAL CONDITIONS

RTLT: 28h 21m 4s
CCSL: B161
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25/
GYROS: BC ON

- 1200 RTLT 28h 21m 14s
- 0000 RTLT 28h 21m 24s

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: SEP 11 | SEP 12

ISSUE DATE: 08/29/13 14:55

THURSDAY
SEPTEMBER 12, 2013
255-256

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: 34h 46m 2s

CCSL: A088

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

1200 RTLT 34h 46m 14s

0000 RTLT 34h 46m 26s

2130 DUMMY (08:16)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0225 - 0615 25 [DA]
0225 - 0615 26 [DAR]
10
10
40
1955 55 [DAR] 2120
1955 65 [DA] 2120
40
2105 63 2345
60

32 DSN COVERAGE

45 [D] 0850 1125 45 [D] 1605
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 28h 21m 24s

CCSL: B161

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

1200 RTLT 28h 21m 34s

0000 RTLT 28h 21m 44s

0958 COMMAND MORATORIUM

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: SEP 12 | SEP 13

ISSUE DATE: 08/29/13 14:55

FRIDAY
SEPTEMBER 13, 2013
256-257

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: 34h 46m 26s
CCSL: A088
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: BC ON

- 1200 RTLT 34h 46m 38s
- 0000 RTLT 34h 46m 50s
- 0829 – 0844 TAPPOS
- 1129 – 1130 PWS/RH
- 1142 – 1211 TAPPOS
- 2102 GYRO INIT
- 1130 GS-4B 1131

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

31 DSN COVERAGE

- 10
- 40
- 0305 – 14 [D]
- 10
- 40
- 2045 – 63 [D] – 2340
- 60

32 DSN COVERAGE

- 43 [D] – 0725 - 1745
- 40
- 40

S/C 32 INITIAL CONDITIONS

RTLT: 28h 21m 44s
CCSL: B161
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25/
GYROS: BC ON

- 1200 RTLT 28h 21m 56s
- 0000 RTLT 28h 22m 6s
- COMMAND MORATORIUM
- 0751 AAI
- MAGROL – 0741 - 1350
- 1343 RAI
- 1350 GYROS OFF
- 1350 CRU
- 1352 X/B LOW POWER
- 1356 BAY 1 HTR ON

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

VGR COVERAGE: VGR | ON CALL

NOTES

[1] S/C 31=GS-4B @ 1130 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 32 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0741-1349)

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 13 | SEP 14

ISSUE DATE: 08/29/13 14:55

SATURDAY
SEPTEMBER 14, 2013
257-258

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: 34h 46m 50s
CCSL: A088
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 34h 47m 0s
0000 RTLT 34h 47m 12s

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

31 DSN COVERAGE

0705 14 [D]
10
40
2350 25 [DAR] 0605
2350 26 [DA] 0605
10
40
2045 63 [D] 2335
60

32 DSN COVERAGE

0855 45 [D] 1735
40
0425 43 [o]
40

S/C 32 INITIAL CONDITIONS

RTLT: 28h 22m 6s
CCSL: B161
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25/
GYROS: OFF

1200 RTLT 28h 22m 16s
0934 COMMAND MORATORIUM
0000 RTLT 28h 22m 28s

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 14 | SEP 15

ISSUE DATE: 08/29/13 14:55

SUNDAY
SEPTEMBER 15, 2013
258-259

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: 34h 47m 12s
CCSL: A088
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 34h 47m 24s
0000 RTLT 34h 47m 36s
1129 – 1158 TAPPOS
1430 1431 PWS/RH
1443 – 1526 TAPPOS
2103 GYRO INIT
1430 GS-4B 1432

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

31 DSN COVERAGE

0305 - 0655 — 14 [D]
10
10
40
40
1915 — 63 [D] — 2330
60

32 DSN COVERAGE

43 [o] — 0900
1245 — 34 [D] — 1730
40
43 [o] 0635
40

S/C 32 INITIAL CONDITIONS

RTLT: 28h 22m 28s
CCSL: B161
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25/
GYROS: OFF

1200 RTLT 28h 22m 38s
0000 RTLT 28h 22m 48s

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

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 1430 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 15 | SEP 16

ISSUE DATE: 08/29/13 14:55

MONDAY
SEPTEMBER 16, 2013
259-260

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: 34h 47m 36s

CCSL: A088

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

1200 RTLT 34h 47m 48s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

40

1910 — 63 [D] — 2325

60

32 DSN COVERAGE

43 [o] — 1740

40

S/C 32
INITIAL CONDITIONS

RTLT: 28h 22m 48s

CCSL: B161

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

1200 RTLT 28h 23m 0s

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 16 | SEP 17