VOYAGER
Space Flight Operations Schedule (SFOS)

Issue Date: August 27, 2008 For the Period: 08/28/08 to 09/15/08 (08-241 – 08-259)

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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
(17 – Dist/N: Paper Copies)
02/21/08

ISSUE DATE: 08/27/08 21:21

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
AUGUST 28, 2008
241-242

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: 29h 42m 42s

CCSL: A068

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

1200 RTLT 29h 42m 54s

0000 RTLT 29h 43m 6s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

14 [D] 0825 (10)

(40)

1640 65 [D] 2240 (60)

0310 14 [D] (10)

(40)

32 DSN COVERAGE

1000 45 [D] 1525 (40)

1855 43 [D] 2040

0330 45 [D] (40)

S/C 32
INITIAL CONDITIONS

RTLT: 23h 53m 52s

CCSL: B141

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

1200 RTLT 23h 54m 2s

0000 RTLT 23h 54m 12s

COMMAND MORATORIUM

1910 GYROS AC ON

1911 GYRO INIT

1920 GYRO FAULT TEST

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: AUG 28 | AUG 29

ISSUE DATE: 08/27/08 21:21

FRIDAY
AUGUST 29, 2008
242-243

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: 29h 43m 6s
CCSL: A068
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 29h 43m 18s
0000 RTLT 29h 43m 30s
1255 TAPPOS 1447
1558 1559 PWS/RH
1805 TAPPOS 1942
1558 GS-4B 1559

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

31 DSN COVERAGE

14 [D] 0820 (10)
(40)
0145 24 [D] 0345
0325 - 0650 15 [D] (10)
(40)
1745 63 [D] 0055 (60)

32 DSN COVERAGE

45 [D] 1640 (40)
(40)

S/C 32 INITIAL CONDITIONS

RTLT: 23h 54m 12s
CCSL: B141
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AC ON

1200 RTLT 23h 54m 22s
0000 RTLT 23h 54m 32s
COMMAND MORATORIUM 1916

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

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 1558 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: 08/27/08 21:21

SATURDAY
AUGUST 30, 2008
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: 29h 43m 30s

CCSL: A068

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

1200 RTLT 29h 43m 40s

0000 RTLT 29h 43m 52s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0145 — 15 [D] — 0440
0420 — 14 [D]
10
10
40
40
1740 — 63 [D] — 0050
60

32 DSN COVERAGE

1010 — 45 [D] — 1915
1915 — 43 [D] — 2035
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 23h 54m 32s

CCSL: B141

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

1200 RTLT 23h 54m 42s

0000 RTLT 23h 54m 52s

1911 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: AUG 30 | AUG 31

ISSUE DATE: 08/27/08 21:21

SUNDAY
AUGUST 31, 2008
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: 29h 43m 52s

CCSL: A068

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

1200 RTLT 29h 44m 4s

0000 RTLT 29h 44m 16s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

14 [D] 0815
10
40
1815 65 [D] 2245
60
10
0320 25 [D] 0530
0530 - 0645 15 [D]
40

32 DSN COVERAGE

1250 43 [o] 2030
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 23h 54m 52s

CCSL: B141

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

1200 RTLT 23h 55m 0s

0000 RTLT 23h 55m 10s

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 31 | SEP 01

ISSUE DATE: 08/27/08 21:21

MONDAY
SEPTEMBER 1, 2008
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: 29h 44m 16s

CCSL: A068

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

1200 RTLT 29h 44m 28s

0000 RTLT 29h 44m 40s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0025 - 0640 15 [D]

10

10

40

40

2330 63 [D] 0045

60

32 DSN COVERAGE

1005 45 [D] 1410

1740 43 [D] 2025

40

40

S/C 32
INITIAL CONDITIONS

RTLT: 23h 55m 10s

CCSL: B141

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

1200 RTLT 23h 55m 20s

0000 RTLT 23h 55m 30s

1911 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 01 | SEP 02

ISSUE DATE: 08/27/08 21:21

TUESDAY
SEPTEMBER 2, 2008
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: 29h 44m 40s

CCSL: A068

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

1200 RTLT 29h 44m 52s

0000 RTLT 29h 45m 4s

0935 | 0935 PWS/RH

0935 GS-4B 0935

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

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

31 DSN COVERAGE

10

40

0025 — 24 [D] — 0325

0305 — 15 [D] — 0450

0430 - 0645 — 14 [D]

10

40

1900 — 65 [D] — 2230

60

32 DSN COVERAGE

1355 — 45 [D] — 1850

1830 — 43 [D] — 2020

40

40

S/C 32
INITIAL CONDITIONS

RTLT: 23h 55m 30s

CCSL: B141

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

1200 RTLT 23h 55m 40s

0000 RTLT 23h 55m 50s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 0935 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 02 | SEP 03

ISSUE DATE: 08/27/08 21:21

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 3, 2008
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: 29h 45m 4s

CCSL: A068

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

1200 RTLT 29h 45m 16s

0000 RTLT 29h 45m 28s

2145 DUMMY (03:30)

U/L 2320 TLC (SHORT-FORM)

0045 GYROS AB ON

0046 GYRO INIT

0055 GYRO FAULT TEST

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0015 25 [D] 0515

10

40

10

40

1835 65 [D] 2105

2045 63 [T] 0035

60

32 DSN COVERAGE

1005 45 [D] 1805

1800 43 [B] 2020

40

40

S/C 32
INITIAL CONDITIONS

RTLT: 23h 55m 50s

CCSL: B141

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

1200 RTLT 23h 56m 0s

0000 RTLT 23h 56m 12s

1857 DUMMY (5 MIN BRACKETED 18:54)

1912 GYRO INIT

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL | VGR | | VGR | 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 03 | SEP 04

ISSUE DATE: 08/27/08 21:21

THURSDAY
SEPTEMBER 4, 2008
248-249

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: 29h 45m 28s

CCSL: A068

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

1200 RTLT 29h 45m 40s

0000 RTLT 29h 45m 52s

TLC (SHORT-FORM)

- 0634 D/L

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

10

40

60

1935 65 [D] 2230

2230 63 [D] 0030

0230 25 [D] 0455

0435 14 [D]

10

40

32 DSN COVERAGE

0950 43 [D] 2015

40

43 [D] 0700

40

S/C 32
INITIAL CONDITIONS

RTLT: 23h 56m 12s

CCSL: B141

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

1200 RTLT 23h 56m 22s

0000 RTLT 23h 56m 32s

0747 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 04 | SEP 05

ISSUE DATE: 08/27/08 21:21

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 5, 2008
249-250

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: 29h 45m 52s
CCSL: A068
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AB ON

1200 RTLT 29h 46m 4s
0000 RTLT 29h 46m 16s
1233 TAPPOS 1356
1535 1536 PWS/RH
1742 1852 TAPPOS
1535 GS-4B 1536

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

31 DSN COVERAGE

0755 14 [D]
10
40
2300 15 [D] 0230
0210 25 [D] 0510
10
40
1735 65 [D] 2225
60

32 DSN COVERAGE

43 [D] 0700 - 1055
1145 45 [D] 1810
40
40

S/C 32 INITIAL CONDITIONS

RTLT: 23h 56m 32s
CCSL: B141
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AC ON

1200 RTLT 23h 56m 42s
0000 RTLT 23h 56m 52s
COMMAND MORATORIUM
0713 GYROS BC ON
0714 GYRO INIT
0723 GYRO FAULT TEST
0817 0823 CCSTIM(B) FINE

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

VGR COVERAGE: VGR | ON CALL

NOTES

[1] S/C 31=GS-4B @ 1535 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: 08/27/08 21:21

SATURDAY
SEPTEMBER 6, 2008
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: 29h 46m 16s
CCSL: A068
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AB ON

1200 RTLT 29h 46m 28s

0000 RTLT 29h 46m 38s

0046 GYRO INIT

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0010 — 25 [D] — 0505
10
10
40
40
1930 — 65 [D] — 2220
2215 — 63 [D] — 0020
60

32 DSN COVERAGE

0950 — 43 [D] — 2005
40
40

S/C 32 INITIAL CONDITIONS

RTLT: 23h 56m 52s
CCSL: B141
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: BC ON

0716 COMMAND MORATORIUM

1200 RTLT 23h 57m 2s

0000 RTLT 23h 57m 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: SEP 06 | SEP 07

ISSUE DATE: 08/27/08 21:21

SUNDAY
SEPTEMBER 7, 2008
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: 29h 46m 38s

CCSL: A068

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

1200 RTLT 29h 46m 50s

0000 RTLT 29h 47m 2s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

10

40

0000 24 [D] 0400

10

40

1930 65 [D] 2110

2215 63 [D] 0020

60

32 DSN COVERAGE

0940 45 [D] 1340

1630 43 [D] 2000

40

40

S/C 32
INITIAL CONDITIONS

RTLT: 23h 57m 12s

CCSL: B141

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

1200 RTLT 23h 57m 22s

0000 RTLT 23h 57m 34s

1733 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 07 | SEP 08

ISSUE DATE: 08/27/08 21:21

MONDAY
SEPTEMBER 8, 2008
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: 29h 47m 2s

CCSL: A068

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

1200 RTLT 29h 47m 14s

0000 RTLT 29h 47m 26s

2245 DUMMY (04:33)

U/L 2300 TLC (SHORT-FORM)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

10

40

60

1925 65 [D] 2215

2225 63 [T] 0015

0210 25 [D] 0430

0410 14 [D]

10

40

32 DSN COVERAGE

1000 45 [D] 1840

40

40

S/C 32
INITIAL CONDITIONS

RTLT: 23h 57m 34s

CCSL: B141

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

1200 RTLT 23h 57m 44s

0000 RTLT 23h 57m 54s

COMMAND MORATORIUM

1701 BAY 1 HTR OFF

1705 X/B HI POWER

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL | VGR | 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 08 | SEP 09

ISSUE DATE: 08/27/08 21:21

TUESDAY
SEPTEMBER 9, 2008
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: 29h 47m 26s
CCSL: A068
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AB ON

1200 RTLT 29h 47m 38s
0000 RTLT 29h 47m 50s
TLC (SHORT-FORM)
0616 D/L
2101 BAY 1 HTR OFF
2105 X/B HI POWER
0047 GYRO INIT
0103 MAGCAL 0406
0103 PESCAL 0423
0056

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

31 DSN COVERAGE

0740 14 [D] 10
40
2330 25 [D] 0435
0415 15 [D] 0610
10
40
1925 65 [D] 2210
60

32 DSN COVERAGE

0800 43 [D] 1655
40
40

S/C 32 INITIAL CONDITIONS

RTLT: 23h 57m 54s
CCSL: B141
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 23h 58m 4s
0000 RTLT 23h 58m 16s
COMMAND MORATORIUM 1703
0830 ALL DB=.05
0846 AAI
0847 0924 ASCAL
0921 RAI
0924 CRU
0932 YAW=.10
0932 ROLL=.25
0934 GYRO FAULT TEST
0815 0927

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

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

NOTES

[1] S/C 32 - D/L /SNR VARIATIONS EXPECTED DURING ASCAL (0846-0923)
[2] S/C 32=EL-40 @ 0814 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 09 | SEP 10

ISSUE DATE: 08/27/08 21:21

WEDNESDAY
SEPTEMBER 10, 2008
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: 29h 47m 50s
CCSL: A068
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: AB ON

1200 RTLT 29h 48m 2s

0000 RTLT 29h 48m 14s

0000 AAI

0003 MAGROL 0559

RAI 0551

GYROS OFF 0559

CRU 0559

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

2325 - 0630 14 [D]

10

10

40

40

1920 65 [D] 2205

60

32 DSN COVERAGE

1355 45 [D] 1830

40

40

S/C 32 INITIAL CONDITIONS

RTLT: 23h 58m 16s
CCSL: B141
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 23h 58m 26s

0000 RTLT 23h 58m 36s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL | VGR

NOTES

[1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (2349-0558)

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: 08/27/08 21:21

THURSDAY
SEPTEMBER 11, 2008
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: 29h 48m 14s

CCSL: A068

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

1200 RTLT 29h 48m 26s

0000 RTLT 29h 48m 38s

2100 X/B LOW POWER

2104 BAY 1 HTR ON

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

10

40

0105 — 26 [D] — 0350

0330 — 15 [D] — 0600

10

40

1915 — 65 [D] — 2205

60

32 DSN COVERAGE

0950 — 45 [D] — 1245

1225 — 43 [B] — 1940

40

40

S/C 32
INITIAL CONDITIONS

RTLT: 23h 58m 36s

CCSL: B141

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

1200 RTLT 23h 58m 48s

0000 RTLT 23h 58m 58s

1454 — COMMAND MORATORIUM

1402 DUMMY (5 MIN BRACKETED 14:01)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL | VGR | 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: 08/27/08 21:21

FRIDAY
SEPTEMBER 12, 2008
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: 29h 48m 38s
CCSL: A068
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 29h 48m 50s
0000 RTLT 29h 49m 2s

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

31 DSN COVERAGE

0135 — 25 [D] — 0430
0410 — 14 [D]
10
10
40
40
1750 — 65 [D] — 2200
60

32 DSN COVERAGE

43 [D]
0720 - 1655
40
40

S/C 32 INITIAL CONDITIONS

RTLT: 23h 58m 58s
CCSL: B141
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 23h 59m 8s
0000 RTLT 23h 59m 20s
COMMAND MORATORIUM
0824 AAI
0827 — MAGROL — 1423
1416 RAI
1423 GYROS OFF
1423 CRU

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

VGR COVERAGE: VGR | ON CALL

NOTES

[1] S/C 32 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0814-1423)

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: 08/27/08 21:21

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 13, 2008
257-258

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: 29h 49m 2s

CCSL: A068

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

1200 RTLT 29h 49m 14s

0000 RTLT 29h 49m 24s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0720 14 [D]
10
40

2340 26 [D] 0310
0250 25 [D] 0435
10
40

1840 65 [D] 2155
60

32 DSN COVERAGE

1145 43 [D] 1620
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 23h 59m 20s

CCSL: B141

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

1200 RTLT 23h 59m 30s

0000 RTLT 23h 59m 40s

COMMAND MORATORIUM 1424

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 13 | SEP 14

ISSUE DATE: 08/27/08 21:21

SUNDAY
SEPTEMBER 14, 2008
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: 29h 49m 24s

CCSL: A068

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

1200 RTLT 29h 49m 36s

0000 RTLT 29h 49m 48s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0040 — 15 [D] — 0540

10

10

40

40

2005 — 63 [D] — 2350

60

32 DSN COVERAGE

0955 — 45 [D] — 1755

40

40

S/C 32
INITIAL CONDITIONS

RTLT: 23h 59m 40s

CCSL: B141

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

1200 RTLT 23h 59m 52s

0000 RTLT 24h 0m 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 14 | SEP 15

ISSUE DATE: 08/27/08 21:21

MONDAY
SEPTEMBER 15, 2008
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: 29h 49m 48s

CCSL: A068

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

1200 RTLT 29h 50m 0s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

40

1855 65 [D] 2055

2030 63 [D] 2345

60

32 DSN COVERAGE

0955 45 [D] 1510

40

S/C 32
INITIAL CONDITIONS

RTLT: 24h 0m 2s

CCSL: B141

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

1200 RTLT 24h 0m 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: SEP 15 | SEP 16