VOYAGER
Space Flight Operations Schedule (SFOS)

Issue Date: September 22, 2010 For the Period: 09/23/2010 to 10/11/2010 (10-266 – 10-284)

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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: 09/23/10 07:51

THURSDAY
SEPTEMBER 23, 2010
266-267

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: 31h 51m 48s

CCSL: A076

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

1200 RTLT 31h 52m 0s

0000 RTLT 31h 52m 12s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

40

60

1815 — 63 [D] — 2215

10

0345 - 0625 — 15 [DAR]
0345 - 0625 — 26 [DA]

40

32 DSN COVERAGE

1040 — 45 [D] — 1250

1230 — 43 [D] — 1740

40

40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 47m 38s

CCSL: BASELINE

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

1200 RTLT 25h 47m 50s

0000 RTLT 25h 48m 0s

COMMAND MORATORIUM

1614 X BAND LOW POWER

1618 BAY 1 HTR ON

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 23 | SEP 24

ISSUE DATE: 09/23/10 07:51

FRIDAY
SEPTEMBER 24, 2010
267-268

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: 31h 52m 12s

CCSL: A076

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

1200 RTLT 31h 52m 22s

0000 RTLT 31h 52m 34s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0305 - 0620 24 [DA]
0305 - 0620 26 [DAR]
10
40
40
1915 63 [D] 2315
60

32 DSN COVERAGE

0745 43 [o] 1705
40
45 [D] 0640
40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 48m 0s

CCSL: BASELINE

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

1200 RTLT 25h 48m 12s

0000 RTLT 25h 48m 22s

COMMAND MORATORIUM 1415

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 24 | SEP 25

ISSUE DATE: 09/23/10 07:51

SATURDAY
SEPTEMBER 25, 2010
268-269

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: 31h 52m 34s
CCSL: A076
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 31h 52m 46s
0000 RTLT 31h 52m 58s
0736 - 0750 TAPPOS
1038 1039 PWS/RH
1246 1314 TAPPOS
1038 GS-4B 1039

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

31 DSN COVERAGE

0215 - 0615 24 [DAR]
0215 - 0615 26 [DA]
10
40
40
1830 63 [D] 2310
60

32 DSN COVERAGE

45 [D] 1135
40
1435 43 [D] 1725
40

S/C 32 INITIAL CONDITIONS

RTLT: 25h 48m 22s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 25h 48m 34s
0000 RTLT 25h 48m 46s

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

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 1038 XB=2.8K(41) NOT RECOVERABLE

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

UTC: SEP 25 | SEP 26

ISSUE DATE: 09/23/10 07:51

SUNDAY
SEPTEMBER 26, 2010
269-270

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: 31h 52m 58s

CCSL: A076

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

1200 RTLT 31h 53m 10s

0000 RTLT 31h 53m 20s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0235 15 [DA] 0610
0235 26 [DAR] 0610
10
40
40
1230 63 [D] 2230
60

32 DSN COVERAGE

1130 45 [D] 1255
1250 43 [o] 1900
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 48m 46s

CCSL: BASELINE

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

1200 RTLT 25h 48m 56s

0000 RTLT 25h 49m 8s

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 26 | SEP 27

ISSUE DATE: 09/23/10 07:51

MONDAY
SEPTEMBER 27, 2010
270-271

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: 31h 53m 20s

CCSL: A076

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

1200 RTLT 31h 53m 32s

0000 RTLT 31h 53m 44s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0310 24 [DAR] 0540
0310 26 [DA] 0540
10
40
40
1910 63 [D] 2305
60

32 DSN COVERAGE

45 [D] 0730 - 1145
1125 43 [D] 1730
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 49m 8s

CCSL: BASELINE

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

1200 RTLT 25h 49m 20s

0000 RTLT 25h 49m 30s

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 27 | SEP 28

ISSUE DATE: 09/23/10 07:51

TUESDAY
SEPTEMBER 28, 2010
271-272

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: 31h 53m 44s
CCSL: A076
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 31h 53m 54s

0000 RTLT 31h 54m 6s

0415 | 0416 PWS/RH

0415 GS-4B 0416

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

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

31 DSN COVERAGE

0215 — 15 [DAR] — 0540
0215 — 24 [DA] — 0540
10
40
40
1730 — 63 [D] — 2245
60

32 DSN COVERAGE

1130 — 43 [B] — 1825
40
40

S/C 32 INITIAL CONDITIONS

RTLT: 25h 49m 30s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 25h 49m 42s

0000 RTLT 25h 49m 52s

1612 DUMMY (5 MIN BRACKETED 18:02)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL | VGR | ON CALL

NOTES

[1] S/C 31=GS-4B @ 0415 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 28 | SEP 29

ISSUE DATE: 09/23/10 07:51

WEDNESDAY
SEPTEMBER 29, 2010
272-273

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: 31h 54m 6s

CCSL: A076

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

1200 RTLT 31h 54m 18s

0000 RTLT 31h 54m 28s

1900 DUMMY (02:54)

U/L 2030 TLC (SHORT-FORM)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

2150 14 [D1] 0150
0315 15 [DAR] 0600
0315 25 [DA] 0600
40
10
40
1445 63 [T] 2155
60

32 DSN COVERAGE

1050 34 [o] 1325
1305 45 [D] 1610
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 49m 52s

CCSL: BASELINE

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

1200 RTLT 25h 50m 4s

0000 RTLT 25h 50m 16s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL

NOTES

[1] RTS ENGINEERING DEMO

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

UTC: SEP 29 | SEP 30

ISSUE DATE: 09/23/10 07:51

THURSDAY
SEPTEMBER 30, 2010
273-274

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: 31h 54m 28s

CCSL: A076

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

1200 RTLT 31h 54m 40s

0000 RTLT 31h 54m 52s

TLC (SHORT-FORM)

D/L

0552

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0245 15 [DAR] 0555
0245 26 [DA] 0555
10
40
40
1600 63 [D] 2250
60

32 DSN COVERAGE

43 [o] 0740 - 1300
1240 45 [D] 1655
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 50m 16s

CCSL: BASELINE

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

1200 RTLT 25h 50m 26s

0000 RTLT 25h 50m 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: SEP 30 | OCT 01

ISSUE DATE: 09/23/10 07:51

FRIDAY
OCTOBER 1, 2010
274-275

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: 31h 54m 52s
CCSL: A076
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 31h 55m 2s

0000 RTLT 31h 55m 14s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

10

40

40

1845 — 63 [D] — 2245

60

32 DSN COVERAGE

1130 — 45 [D] — 1625

40

40

S/C 32 INITIAL CONDITIONS

RTLT: 25h 50m 38s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 25h 50m 50s

0000 RTLT 25h 51m 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: OCT 01 | OCT 02

ISSUE DATE: 09/23/10 07:51

SATURDAY
OCTOBER 2, 2010
275-276

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: 31h 55m 14s
CCSL: A076
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 31h 55m 26s
0000 RTLT 31h 55m 36s
0713 - 0728 TAPPOS
1016 1017 PWS/RH
1223 1251 TAPPOS
1016 GS-4B 1017

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

31 DSN COVERAGE

0120 24 [DAR] 0450
0120 25 [DA] 0450
40
10
40
1740 63 [D] 2240
60

32 DSN COVERAGE

1035 45 [D] 1650
40
34 [o] 0615
40

S/C 32 INITIAL CONDITIONS

RTLT: 25h 51m 0s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 25h 51m 12s
0000 RTLT 25h 51m 24s

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

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 1016 XB=2.8K(41) NOT RECOVERABLE

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

UTC: OCT 02 | OCT 03

ISSUE DATE: 09/23/10 07:51

SUNDAY
OCTOBER 3, 2010
276-277

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: 31h 55m 36s

CCSL: A076

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

1200 RTLT 31h 55m 48s

0000 RTLT 31h 55m 58s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0800 — 43 [D] — 1115
40

1815 — 63 [D] — 2240
60

10

0125 — 15 [DA] — 0540
0125 — 25 [DAR] — 0540

40

32 DSN COVERAGE

34 [o] — 1255

1235 — 45 [D] — 1645
40

40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 51m 24s

CCSL: BASELINE

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

1200 RTLT 25h 51m 36s

0000 RTLT 25h 51m 46s

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: OCT 03 | OCT 04

ISSUE DATE: 09/23/10 07:51

MONDAY
OCTOBER 4, 2010
277-278

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: 31h 55m 58s
CCSL: A076
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 31h 56m 10s
- 0000 RTLT 31h 56m 22s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

- 0200 — 15 [DAR] — 0540
- 0200 — 24 [DA] — 0540
- 10
- 40
- 40
- 1805 — 63 [D] — 2210
- 60

32 DSN COVERAGE

- 1025 — 45 [D] — 1240
- 1250 — 43 [H] — 1715
- 40
- 40

S/C 32 INITIAL CONDITIONS

RTLT: 25h 51m 46s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 25h 51m 58s
- 0000 RTLT 25h 52m 10s
- 1315 EL-40 (15:07)
- 1345 FDS CLK RST (15:37)
- 1545 CR-5T (17:37)
- 1610 DUMMY (18:02)

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: OCT 04 | OCT 05

ISSUE DATE: 09/23/10 07:51

TUESDAY
OCTOBER 5, 2010
278-279

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: 31h 56m 22s
CCSL: A076
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 31h 56m 32s
- 0000 RTLT 31h 56m 44s
- 1845 DUMMY (02:42)
- 1855 EL-40 (02:52)
- 1917 CCSL A077 (03:14)
- 1950 AHELIO MRO'S & CR-5T (03:47)
- 0353 | 0353 PWS/RH
- 0353 GS-4B 0353

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

31 DSN COVERAGE

- 0215 ├ 15 [DA] ┤ 0410
- 0215 ├ 26 [DAR] ┤ 0535
- 0350 ├ 25 [DA] ┤ 0535
- 40
- 10
- 40
- 1735 ├ 63 ┤ 2235
- 60

32 DSN COVERAGE

- 1305 ├ 43 [H] ┤ 1825
- 40
- 40

S/C 32 INITIAL CONDITIONS

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

- 1200 RTLT 25h 52m 20s
- 0000 RTLT 25h 52m 32s
- 1410 CCSTIM F/C (16:02)
- 1538 ├ ┤ FDS CLK RST
- EL-40 1508
- 1738 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

NOTES

[1] S/C 32=EL-40 @ 1508 XB=40(30)
[2] S/C 32=CR-5T @ 1738 XB=160(32)
[3] S/C 31=GS-4B @ 0353 XB=2.8K(41) NOT RECOVERABLE

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

UTC: OCT 05 | OCT 06

ISSUE DATE: 09/23/10 07:51

WEDNESDAY
OCTOBER 6, 2010
279-280

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: 31h 56m 44s

CCSL: A076

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

1200 RTLT 31h 56m 54s

0000 RTLT 31h 57m 6s

U/L 1905

TLC (SHORT-FORM)

TBD-TBD A077 CHKSUM

2 AHELIO SID MRO'S 0349 0351

EL-40 0253 0353 CR-5T

FDS MODE: CR-5T | EL-40 | CR-5T

XB DATA RATE(MI): 160(32) | 40(30) | 160(32)

31 DSN COVERAGE

0015 24 [DA] 0530
0015 25 [DAR] 0530
10

0835 43 [D] 1100
40

40

1830 63 [T] 2215
60

32 DSN COVERAGE

0805 34 [D] 1150
1145 43 [D] 1820
40

40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 52m 32s

CCSL: BASELINE

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

1200 RTLT 25h 52m 44s

0000 RTLT 25h 52m 56s

1603 1606 CCSTIM (FINE)

1657 1659 CCSTIM (COARSE)

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: OCT 06 | OCT 07

ISSUE DATE: 09/23/10 07:51

THURSDAY
OCTOBER 7, 2010
280-281

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: 31h 57m 6s

CCSL: A076

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

1200 RTLT 31h 57m 16s

0000 RTLT 31h 57m 28s

TLC (SHORT-FORM) D/L 0430

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0130 15 [DA] 0350
0130 25 [DAR] 0530
0330 26 [DA] 0530
10
40
1930 55 [DAR] 2130
1930 54 [DA] 2130
40
60

32 DSN COVERAGE

1045 43 [D] 1735
40
40

S/C 32 INITIAL CONDITIONS

RTLT: 25h 52m 56s

CCSL: BASELINE

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

1200 RTLT 25h 53m 6s

0000 RTLT 25h 53m 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: OCT 07 | OCT 08

ISSUE DATE: 09/23/10 07:51

FRIDAY
OCTOBER 8, 2010
281-282

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: 31h 57m 28s

CCSL: A076

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

1200 RTLT 31h 57m 38s

0000 RTLT 31h 57m 48s

TAPPOS 0651

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0145 — 24 [DAR] — 0520
0145 — 26 [DA] — 0520
10
40
40
1810 — 63 [D] — 2220
60

32 DSN COVERAGE

1030 — 45 [D] — 1620
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 53m 18s

CCSL: BASELINE

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

1200 RTLT 25h 53m 30s

0000 RTLT 25h 53m 42s

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: OCT 08 | OCT 09

ISSUE DATE: 09/23/10 07:51

SATURDAY
OCTOBER 9, 2010
282-283

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: 31h 57m 48s
CCSL: A076
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 31h 58m 0s
0000 RTLT 31h 58m 10s
0705 TAPPOS
0953 0954 PWS/RH
1200 1229 TAPPOS
0953 GS-4B 0954

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

31 DSN COVERAGE

0130 15 [DA] 0530
0130 26 [DAR] 0530
10
40
40
1815 63 [D] 2215
60

32 DSN COVERAGE

0810 34 [D] 1010
0950 45 [D] 1415
40
45 [D] 0640
40

S/C 32 INITIAL CONDITIONS

RTLT: 25h 53m 42s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 25h 53m 52s
0000 RTLT 25h 54m 4s

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

VGR COVERAGE: ON CALL

NOTES
[1] S/C 31=GS-4B @ 0953 XB=2.8K(41) NOT RECOVERABLE

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

UTC: OCT 09 | OCT 10

ISSUE DATE: 09/23/10 07:51

SUNDAY
OCTOBER 10, 2010
283-284

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: 31h 58m 10s

CCSL: A076

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

1200 RTLT 31h 58m 22s

0000 RTLT 31h 58m 32s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

2315 — 15 [DAR] — 0515
2315 — 25 [DA] — 0515
10
40
40
1625 — 63 [D] — 2210
60

32 DSN COVERAGE

45 [D] — 1255
1235 — 43 [D] — 1655
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 54m 4s

CCSL: BASELINE

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

1200 RTLT 25h 54m 16s

0000 RTLT 25h 54m 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: OCT 10 | OCT 11

ISSUE DATE: 09/23/10 07:51

MONDAY
OCTOBER 11, 2010
284-285

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: 31h 58m 32s

CCSL: A076

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

1200 RTLT 31h 58m 42s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

40

1840 — 63 [D] — 2205

60

32 DSN COVERAGE

1140 — 43 — 1800

40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 54m 28s

CCSL: BASELINE

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

1200 RTLT 25h 54m 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: OCT 11 | OCT 12