VOYAGER
Space Flight Operations Schedule (SFOS)

Issue Date: September 8, 2010

For the Period: 09/09/2010 to 09/27/2010 (10-252 – 10-270)

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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: 09/08/10 20:53

THURSDAY
SEPTEMBER 9, 2010
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: 31h 46m 18s
CCSL: A076
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 31h 46m 30s
0000 RTLT 31h 46m 42s
TLC (SHORT-FORM)
D/L

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

31 DSN COVERAGE

0720 25 [DA]
0720 26 [DAR]
10
40
0345 24 [DAR]
0345 25 [DA]
10
40
1945 63 [D] 2345
60

32 DSN COVERAGE

1200 45 [D] 1625
40
1625 43 [B] 2010
45 [D] 0605
40

S/C 32 INITIAL CONDITIONS

RTLT: 25h 42m 36s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HIGH
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 25h 42m 48s
0000 RTLT 25h 42m 58s
COMMAND MORATORIUM 0524
1712 DUMMY (5 MIN BRACKETED 18:55)

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 09 | SEP 10

ISSUE DATE: 09/08/10 20:53

FRIDAY
SEPTEMBER 10, 2010
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: 31h 46m 42s
CCSL: A076
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 31h 46m 54s
0000 RTLT 31h 47m 6s
1157 1212 TAPPOS
1500 1500 PWS/RH
0720 D/L
1707 1735 TAPPOS
1500 GS-4B 1500

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

31 DSN COVERAGE

0720 24 [DAR]
0720 25 [DA]
10
40
0315 25 [DAR]
0315 26 [DA]
10
40
1950 63 [D] 0010
60

32 DSN COVERAGE

45 [D] 1815
40
40

S/C 32 INITIAL CONDITIONS

RTLT: 25h 42m 58s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HIGH
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 25h 43m 8s
0000 RTLT 25h 43m 18s
COMMAND MORATORIUM
0504
0913 GYRO INIT
0913 GYROS BC ON
0923 GYRO FAULT TEST
1013 1019 CCSTIM(B)

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

VGR COVERAGE: ON CALL | VGR | ON CALL

NOTES

[1] S/C 31=GS-4B @ 1500 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 10 | SEP 11

ISSUE DATE: 09/08/10 20:53

SATURDAY
SEPTEMBER 11, 2010
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: 31h 47m 6s

CCSL: A076

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

1200 RTLT 31h 47m 18s

0000 RTLT 31h 47m 30s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0715 25 [DAR]
0715 26 [DA]
10
40
1210 — 63 [D] — 2145
60
0255 — 15 [DAR]
0255 — 26 [DA]
10
40

32 DSN COVERAGE

0745 — 34 [D] — 1250
1230 — 43 [o] — 2000
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 43m 18s

CCSL: BASELINE

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

1200 RTLT 25h 43m 30s

0000 RTLT 25h 43m 40s

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 11 | SEP 12

ISSUE DATE: 09/08/10 20:53

SUNDAY
SEPTEMBER 12, 2010
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: 31h 47m 30s

CCSL: A076

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

1200 RTLT 31h 47m 42s

0000 RTLT 31h 47m 54s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0705 15 [DAR]
0705 26 [DA]
10
40

0425 25 [DAR]
0425 26 [DA]
10
40

1705 63 [D] 2205
60

32 DSN COVERAGE

1200 43 [D] 1950
40

40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 43m 40s

CCSL: BASELINE

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

1200 RTLT 25h 43m 50s

0000 RTLT 25h 44m 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 12 | SEP 13

ISSUE DATE: 09/08/10 20:53

MONDAY
SEPTEMBER 13, 2010
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: 31h 47m 54s
CCSL: A076
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 31h 48m 6s
0000 RTLT 31h 48m 18s
1350 GYRO INIT
1350 GYROS AB ON
1400 GYRO FAULT TEST

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

31 DSN COVERAGE

0730 25 [DAR]
0730 26 [DA]
10
40
1325 63 [D] 1500
60
2000 63 [D] 0000
10
0320 15 [DAR]
0320 24 [DA]
40

32 DSN COVERAGE

0815 45 [D] 1225
40
1300 43 [o] 1955
43 [D] 0630
40

S/C 32 INITIAL CONDITIONS

RTLT: 25h 44m 0s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HIGH
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 25h 44m 12s
0000 RTLT 25h 44m 22s

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 13 | SEP 14

ISSUE DATE: 09/08/10 20:53

TUESDAY
SEPTEMBER 14, 2010
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: 31h 48m 18s
CCSL: A076
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AB ON

1200 RTLT 31h 48m 28s
0000 RTLT 31h 48m 40s
0015 MAGCAL 0330
0015 PESCAL 0348
PWS/RH 0501 0501
0501 GS-4B 0501

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

31 DSN COVERAGE

0725 15 [DAR]
0725 24 [DA]
10
40
0000 - 0655 15 [DAR]
0000 - 0655 26 [DA]
10
40
1940 63 [D] 2350
60

32 DSN COVERAGE

43 [D] 1400
1340 45 [D] 1810
40
40

S/C 32 INITIAL CONDITIONS

RTLT: 25h 44m 22s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HIGH
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 25h 44m 32s
0000 RTLT 25h 44m 44s
1029 ALL DB=.05
1045 AAI
1046 1123 ASCAL
1121 RAI
1123 CRU
1132 ROLL=.25
1133 GYRO FAULT TEST
1014 1126

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 31=GS-4B @ 0501 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 32 D/L AGC & SNR VARIATIONS EXPECTED DURING ASCAL (1046-1123)
[3] S/C 32=EL-40 @ 1014 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 14 | SEP 15

ISSUE DATE: 09/08/10 20:53

WEDNESDAY
SEPTEMBER 15, 2010
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: 31h 48m 40s

CCSL: A076

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

1200 RTLT 31h 48m 52s

0000 RTLT 31h 49m 4s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

10

0915 — 43 [D] — 1220

40

1950 — 63 [D] — 2345

60

0330 - 0655 — 25 [DAR]

0330 - 0655 — 26 [DA]

10

40

32 DSN COVERAGE

0920 — 45 [D] — 1325

1320 — 43 [B] — 1725

40

40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 44m 44s

CCSL: BASELINE

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

1200 RTLT 25h 44m 54s

0000 RTLT 25h 45m 6s

1412 DUMMY (5 MIN BRACKETED 15:57)

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 15 | SEP 16

ISSUE DATE: 09/08/10 20:53

THURSDAY
SEPTEMBER 16, 2010
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: 31h 49m 4s

CCSL: A076

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

1200 RTLT 31h 49m 16s

0000 RTLT 31h 49m 28s

1350 GYRO INIT

1540 DUMMY (23:29)

U/L 1700 — TLC (SHORT-FORM)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0400 — 25 [DA]
0400 — 26 [DAR]
10
40
40
1445 — 63 [T] — 2210
60

32 DSN COVERAGE

45 [DA] 0600
1230 — 43 [D] — 1940
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 45m 6s

CCSL: BASELINE

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

1200 RTLT 25h 45m 16s

0000 RTLT 25h 45m 26s

1507 — 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 16 | SEP 17

ISSUE DATE: 09/08/10 20:53

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 17, 2010
260-261

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 49m 28s
CCSL: A076
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AB ON

- 1200 RTLT 31h 49m 40s
- 0000 RTLT 31h 49m 52s
- TLC (SHORT-FORM)
- D/L 0217

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

31 DSN COVERAGE

- 0715 25 [DA]
- 0715 26 [DAR]
- 40
- 60
- 1930 63 [D] 2340
- 2320 14 [D2] 0255
- 0235 - 0645 25 [DA]
- 0235 - 0645 26 [DAR]
- 10
- 40

32 DSN COVERAGE

- 45 [DA] 1245
- 0955 34 [DAR] 1630
- 1230 43 [DA] 1715
- 40
- 40

S/C 32 INITIAL CONDITIONS

RTLT: 25h 45m 26s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HIGH
PYR: .05/.10/.25
GYROS: BC ON

- 1200 RTLT 25h 45m 38s
- 0000 RTLT 25h 45m 48s
- COMMAND MORATORIUM
- 1024 AAI
- 1027 MAGROL 1623
- 1615 RAI
- 1623 CRU
- 1623 GYROS OFF

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

VGR COVERAGE: ON CALL | VGR | ON CALL

NOTES

[1] S/C 32 D/L AGC & SNR VARIATIONS EXPECTED DURING MAGROL (1027-1622)
[2] S/C 31 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 17 | SEP 18

ISSUE DATE: 09/08/10 20:53

SATURDAY
SEPTEMBER 18, 2010
261-262

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 49m 52s
CCSL: A076
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AB ON

1200 RTLT 31h 50m 4s
0000 RTLT 31h 50m 14s
0759 – 0813 TAPPOS
1101 – 1102 PWS/RH
1308 – 1337 TAPPOS
1101 GS-4B 1102

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

31 DSN COVERAGE

0310 - 0645 — 15 [DAR]
0310 - 0645 — 26 [DA]
10
40
40
1930 — 63 [D] — 2340
60

32 DSN COVERAGE

1055 — 34 [o] — 1250
1230 — 45 [D] — 1620
40
40

S/C 32 INITIAL CONDITIONS

RTLT: 25h 45m 48s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HIGH
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 25h 46m 0s
0000 RTLT 25h 46m 10s
COMMAND MORATORIUM — 1437

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

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 1101 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 18 | SEP 19

ISSUE DATE: 09/08/10 20:53

SUNDAY
SEPTEMBER 19, 2010
262-263

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 50m 14s

CCSL: A076

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

1200 RTLT 31h 50m 26s

0000 RTLT 31h 50m 38s

1351 GYRO INIT

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0350 - 0640 25 [DAR]
0350 - 0640 26 [DA]
10
40
40
1735 63 [D] 2210
60

32 DSN COVERAGE

0935 45 [D] 1750
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 46m 10s

CCSL: BASELINE

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

1200 RTLT 25h 46m 22s

0000 RTLT 25h 46m 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: SEP 19 | SEP 20

ISSUE DATE: 09/08/10 20:53

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
SEPTEMBER 20, 2010
263-264

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 50m 38s
CCSL: A076
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AB ON

- 1200 RTLT 31h 50m 50s
- 0000 RTLT 31h 51m 2s
- 1339 BAY 1 HTR OFF
- 1343 X/B HI POWER
- 1401 AAI
- 1454 MAGROL 2000
- 1953 RAI
- 2000 GYROS OFF
- 2000 CRU
- 2012 X/B LOW POWER
- 2016 BAY 1 HTR ON
- 1353

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

31 DSN COVERAGE

- 0350 - 0635 25 [DA]
- 0350 - 0635 26 [DAR]
- 10
- 1040 43 [D] 1205
- 40
- 40
- 1330 63 [D] 2320
- 60

32 DSN COVERAGE

- 1205 45 [D] 1545
- 1540 43 [o] 1920
- 40
- 43 [o] 0645
- 40

S/C 32 INITIAL CONDITIONS

RTLT: 25h 46m 32s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HIGH
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 25h 46m 44s
- 0000 RTLT 25h 46m 54s

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

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31 D/L AGC & SNR VARIATIONS EXPECTED DURING MAGROL (1404-1959)

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 20 | SEP 21

ISSUE DATE: 09/08/10 20:53

TUESDAY
SEPTEMBER 21, 2010
264-265

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 2s
CCSL: A076
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 31h 51m 14s
0000 RTLT 31h 51m 24s
2045 DUMMY (04:36)
U/L 2105 TLC (SHORT-FORM)
0438 0439 PWS/RH
0438 GS-4B 0439

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

31 DSN COVERAGE

0350 - 0630 25 [DAR]
0350 - 0630 26 [DA]
10
40
40
1815 63 [T] 2230
60

32 DSN COVERAGE

43 [o] 1340
40
1700 43 [D] 1920
34 [D] 0630
40

S/C 32 INITIAL CONDITIONS

RTLT: 25h 46m 54s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HIGH
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 25h 47m 6s
0000 RTLT 25h 47m 16s

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

VGR COVERAGE: ON CALL | VGR | ON CALL

NOTES

[1] S/C 31=GS-4B @ 0438 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 21 | SEP 22

ISSUE DATE: 09/08/10 20:53

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 22, 2010
265-266

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 24s

CCSL: A076

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

1200 RTLT 31h 51m 36s

0000 RTLT 31h 51m 48s

TLC (SHORT-FORM)

- 0624 D/L

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0350 - 0625 15 [DA]
0350 - 0625 25 [DAR]
10
40
40
1925 63 [D] 2325
60

32 DSN COVERAGE

34 [D] 1335
1315 43 [H] 1710
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 47m 16s

CCSL: BASELINE

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

1200 RTLT 25h 47m 28s

0000 RTLT 25h 47m 38s

1445 COMMAND MORATORIUM

0848 PLSCAL 1030
0848 MAGCAL 1150
0848 PESCAL 1208

1410 DUMMY (15:57)

1415 X BAND LOW POWER (16:02)

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: SEP 22 | SEP 23

ISSUE DATE: 09/08/10 20:53

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

0345 - 0625 15 [DAR]
0345 - 0625 26 [DA]
10
40
40
1815 63 [D] 2215
60

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: 09/08/10 20:53

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

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

S/C 32
INITIAL CONDITIONS

RTLT: 25h 48m 0s

CCSL: BASELINE

FDSL: 11AF
TWNC: ON
SB: OFF
XB: HIGH
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: 09/08/10 20:53

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
1435 43 [D] 1725
40
40

S/C 32 INITIAL CONDITIONS

RTLT: 25h 48m 22s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HIGH
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: 09/08/10 20:53

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: HIGH
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: 09/08/10 20:53

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

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

40

1910 — 63 [D] — 2305

60

32 DSN COVERAGE

1035 — 34 [D] — 1240

1225 — 43 [D] — 1730

40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 49m 8s

CCSL: BASELINE

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

1200 RTLT 25h 49m 20s

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