VOYAGER
Space Flight Operations Schedule (SFOS)

Issue Date: March 4, 2009 For the Period: 03/05/09 to 03/23/09 (09-064– 09-082)

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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: 03/05/09 16:12

PST: 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
MARCH 5, 2009
064-065

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

S/C 31
INITIAL CONDITIONS

RTLT: 30h 15m 40s

CCSL: A070

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

1200 RTLT 30h 15m 38s

0000 RTLT 30h 15m 34s

TLC (SHORT-FORM)
D/L 0914

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

14 [D] 0805 - 1010

0950 15 [D] 1545

10

40

60

14 [D] 0800

0030 63 [D] 0510

60

32 DSN COVERAGE

1505 45 [D] 1730

1730 34 [D] 0100

40

S/C 32
INITIAL CONDITIONS

RTLT: 24h 38m 44s

CCSL: B142

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

1200 RTLT 24h 38m 42s

0000 RTLT 24h 38m 40s

COMMAND MORATORIUM

0800 - 2321

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL

NOTES

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

UTC: MAR 05 | MAR 06

ISSUE DATE: 03/05/09 16:12

FRIDAY
MARCH 6, 2009
065-066

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

S/C 31 INITIAL CONDITIONS

RTLT: 30h 15m 34s
CCSL: A070
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 30h 15m 32s
0000 RTLT 30h 15m 30s
2224 2238 TAPPOS
1500 GYRO INIT
0126 0127 PWS/RH
0333 0334 TAPPOS
0126 GS-4B 0127

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

31 DSN COVERAGE

14 [D] 0800 - 1240
10
40
0315 65 [D]
60
60

32 DSN COVERAGE

1755 34 [o] 2155
40

S/C 32 INITIAL CONDITIONS

RTLT: 24h 38m 40s
CCSL: B142
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AC ON

1200 RTLT 24h 38m 38s
0000 RTLT 24h 38m 36s
0000 GYRO INIT

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

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 0126 XB=2.8K(41) NOT RECOVERABLE

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

UTC: MAR 06 | MAR 07

ISSUE DATE: 03/05/09 16:12

PST: 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
MARCH 7, 2009
066-067

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

S/C 31
INITIAL CONDITIONS

RTLT: 30h 15m 30s

CCSL: A070

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

1200 RTLT 30h 15m 28s

0000 RTLT 30h 15m 26s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

1340 1435 15 [D] 14 [D] 0750
10
40
0015 63 [D] 0510
65 [D] 1015 0450 65 [D]
60 60

32 DSN COVERAGE

1840 34 [o] 0155
40

S/C 32
INITIAL CONDITIONS

RTLT: 24h 38m 36s

CCSL: B142

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

1200 RTLT 24h 38m 36s

0000 RTLT 24h 38m 34s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL

NOTES

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

UTC: MAR 07 | MAR 08

ISSUE DATE: 03/05/09 16:12

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

SUNDAY
MARCH 8, 2009
067-068

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

S/C 31
INITIAL CONDITIONS

RTLT: 30h 15m 26s

CCSL: A070

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

1200 RTLT 30h 15m 24s

0000 RTLT 30h 15m 22s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

14 [D] 1240 — 10

14 0745 — 40

0810 65 [D] — 60

0230 65 [D] 0630 — 60

32 DSN COVERAGE

1455 45 [D] 2120 — 40

S/C 32
INITIAL CONDITIONS

RTLT: 24h 38m 34s

CCSL: B142

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

1200 RTLT 24h 38m 32s

0000 RTLT 24h 38m 30s

0000 GYRO INIT

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL

NOTES

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

UTC: MAR 08 | MAR 09

ISSUE DATE: 03/05/09 16:12

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

MONDAY
MARCH 9, 2009
068-069

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

S/C 31
INITIAL CONDITIONS

RTLT: 30h 15m 22s

CCSL: A070

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

1200 RTLT 30h 15m 20s

0000 RTLT 30h 15m 18s

U/L 0300 TLC (SHORT-FORM)

1430 DUMMY (20:45)

1500 GYRO INIT

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

14 — 1445
10
10
40
0025 — 63 [T] — 0520
0500 — 65 [D] — 0645
60
60

32 DSN COVERAGE

1450 — 45 [D] — 2005
40

S/C 32
INITIAL CONDITIONS

RTLT: 24h 38m 30s

CCSL: B142

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

1200 RTLT 24h 38m 28s

0000 RTLT 24h 38m 26s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL | VGR | ON CALL

NOTES

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

UTC: MAR 09 | MAR 10

ISSUE DATE: 03/05/09 16:12

TUESDAY
MARCH 10, 2009
069-070

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

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

S/C 31 INITIAL CONDITIONS

RTLT: 30h 15m 18s
CCSL: A070
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: BC ON

- 1200 RTLT 30h 15m 16s
- 0000 RTLT 30h 15m 14s
- TLC (SHORT-FORM)
- 1902 | 1903 PWS/RH
- 1902 GS-4B 1903

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

31 DSN COVERAGE

- 0925 — 15 [D] — 1410 (10)
- 14 [D] 0740 (10)
- 1930 — 45 [D] — 2105 (40)
- 0230 — 65 [D] — 0625 (60)
- (60)

32 DSN COVERAGE

- 1830 — 34 [D] — 0145 (40)

S/C 32 INITIAL CONDITIONS

RTLT: 24h 38m 26s
CCSL: B142
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AC ON

- 1200 RTLT 24h 38m 24s
- 0000 RTLT 24h 38m 22s
- 2218 PLSCAL 0001
- 2218 MAGCAL 0121
- 2218 PESCAL 0138
- 0000 GYRO INIT

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

VGR COVERAGE	ON CALL

NOTES

[1] S/C 31=GS-4B @ 1902 XB=2.8K(41) NOT RECOVERABLE

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

UTC: MAR 10 | MAR 11

ISSUE DATE: 03/05/09 16:12

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

WEDNESDAY
MARCH 11, 2009
070-071

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

S/C 31 INITIAL CONDITIONS

RTLT: 30h 15m 14s
CCSL: A070
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: BC ON

- 1200 RTLT 30h 15m 10s
- 0000 RTLT 30h 15m 8s
- TLC (SHORT-FORM) D/L 1043
- 1015 BAY 1 HTR OFF
- 1019 X/B HI POWER
- 1041 AAI
- 1044 MAGROL 1639
- 1632 RAI
- 1639 GYROS OFF
- 1639 CRU

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

31 DSN COVERAGE

- 14 [D] 1700
- 10
- 10
- 40
- 0000 65 [D]
- 60
- 60

32 DSN COVERAGE

- 1445 45 [D] 1845
- 40

S/C 32 INITIAL CONDITIONS

RTLT: 24h 38m 22s
CCSL: B142
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AC ON

- 1200 RTLT 24h 38m 20s
- 0000 RTLT 24h 38m 18s

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

VGR COVERAGE: ON CALL | VGR | ON CALL

NOTES

[1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (1044-1639)

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

UTC: MAR 11 | MAR 12

ISSUE DATE: 03/05/09 16:12

THURSDAY
MARCH 12, 2009
071-072

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

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

S/C 31
INITIAL CONDITIONS

RTLT: 30h 15m 8s

CCSL: A070

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

1200 RTLT 30h 15m 6s

0000 RTLT 30h 15m 4s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

1200 14 [D] 1445 (10)

14 [D] 0750 (10)

(40)

0805 65 [D] (60)

0215 65 [D] 0710 (60)

32 DSN COVERAGE

1510 45 [D] 1730

1845 34 [o] 0410 (40)

S/C 32
INITIAL CONDITIONS

RTLT: 24h 38m 18s

CCSL: B142

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

1200 RTLT 24h 38m 16s

0000 RTLT 24h 38m 14s

1933 GYRO SWAP BC ON
1934 GYRO INIT
1943 GYRO FAULT TEST

2040 2047 CCSTIM(B)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL | VGR | ON CALL

NOTES

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

UTC: MAR 12 | MAR 13

ISSUE DATE: 03/05/09 16:12

FRIDAY
MARCH 13, 2009
072-073

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

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

S/C 31
INITIAL CONDITIONS

RTLT: 30h 15m 4s

CCSL: A070

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

1200 RTLT 30h 15m 2s

0000 RTLT 30h 15m 0s

2159 2214 TAPPOS

0102 0102 PWS/RH

0309 0309 TAPPOS

0102 GS-4B 0102

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

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

31 DSN COVERAGE

14 [D] 1215

10

40

14 [D] 0730

10

0210 65 [D]

60

60

32 DSN COVERAGE

2035 34 [o] 0405

40

S/C 32
INITIAL CONDITIONS

RTLT: 24h 38m 14s

CCSL: B142

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

1200 RTLT 24h 38m 12s

0000 RTLT 24h 38m 10s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 0102 XB=2.8K(41) NOT RECOVERABLE

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

UTC: MAR 13 | MAR 14

ISSUE DATE: 03/05/09 16:12

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

SATURDAY
MARCH 14, 2009
073-074

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

S/C 31
INITIAL CONDITIONS

RTLT: 30h 15m 0s

CCSL: A070

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

1200 RTLT 30h 14m 58s

0000 RTLT 30h 14m 56s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

14 [D] 1255

1425 26 [D] 1810

10

10

40

0805 65 [D]

60

0330 65 [D]

60

32 DSN COVERAGE

1845 34 [o] 0005

40

S/C 32
INITIAL CONDITIONS

RTLT: 24h 38m 10s

CCSL: B142

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

1200 RTLT 24h 38m 8s

0000 RTLT 24h 38m 4s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL

NOTES

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

UTC: MAR 14 | MAR 15

ISSUE DATE: 03/05/09 16:12

SUNDAY
MARCH 15, 2009
074-075

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

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

S/C 31 INITIAL CONDITIONS

RTLT: 30h 14m 56s
CCSL: A070
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 30h 14m 54s

0000 RTLT 30h 14m 52s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0920 — 15 [D] — 1305
10
10
40
65 [D] — 0910
60
0050 — 63 [D] — 0505
60

32 DSN COVERAGE

1425 — 45 [D] — 2045
40

S/C 32 INITIAL CONDITIONS

RTLT: 24h 38m 4s
CCSL: B142
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 24h 38m 2s

0000 RTLT 24h 38m 0s

1955 — COMMAND MORATORIUM

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL

NOTES

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

UTC: MAR 15 | MAR 16

ISSUE DATE: 03/05/09 16:12

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

MONDAY
MARCH 16, 2009
075-076

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

S/C 31 INITIAL CONDITIONS

RTLT: 30h 14m 52s
CCSL: A070
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 30h 14m 50s
0000 RTLT 30h 14m 48s
0100 DUMMY (07:15)
U/L 0215 TLC (SHORT-FORM)

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

31 DSN COVERAGE

1005 14 [D] 1445
10
10
40
2355 63 [T] 0645
60
60

32 DSN COVERAGE

1850 34 [DAR] 2350
2015 45 [DA] 2215
40

S/C 32 INITIAL CONDITIONS

RTLT: 24h 38m 0s
CCSL: B142
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 24h 37m 58s
0000 RTLT 24h 37m 56s
COMMAND MORATORIUM
2049 ALL DB=.05
2105 AAI
BAY 1 HTR OFF 2003
2140 RAI
X/B HI POWER 2007
2152 YAW=.10
2152 ROLL=.25
2153 GYRO FAULT TEST
2034
2146

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 @ 2034 XB=40(30)

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

UTC: MAR 16 | MAR 17

ISSUE DATE: 03/05/09 16:12

TUESDAY
MARCH 17, 2009
076-077

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

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

S/C 31 INITIAL CONDITIONS

RTLT: 30h 14m 48s
CCSL: A070
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 30h 14m 46s
0000 RTLT 30h 14m 44s
1838 | 1838 PWS/RH
TLC (SHORT-FORM)
1838 GS-4B 1838

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

31 DSN COVERAGE

0900 — 15 [D] — 1350 (10)
(40)
14 [D] 0710 (10)
(60)
0155 — 65 [D] — 0645 (60)

32 DSN COVERAGE

1815 — 34 [o] — 2215 (40)

S/C 32 INITIAL CONDITIONS

RTLT: 24h 37m 56s
CCSL: B142
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 24h 37m 54s
0000 RTLT 24h 37m 50s
COMMAND MORATORIUM — 1925

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

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 1838 XB=2.8K(41) NOT RECOVERABLE

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

UTC: MAR 17 | MAR 18

ISSUE DATE: 03/05/09 16:12

WEDNESDAY
MARCH 18, 2009
077-078

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

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

S/C 31
INITIAL CONDITIONS

RTLT: 30h 14m 44s

CCSL: A070

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

1200 RTLT 30h 14m 42s

0000 RTLT 30h 14m 40s

TLC (SHORT-FORM)
D/L 0957

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

14 [D] 1220
10
10
40
60
60

32 DSN COVERAGE

1300 45 [D] 2045
40

S/C 32
INITIAL CONDITIONS

RTLT: 24h 37m 50s

CCSL: B142

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

1200 RTLT 24h 37m 48s

0000 RTLT 24h 37m 46s

0234 COMMAND MORATORIUM

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL

NOTES

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

UTC: MAR 18 | MAR 19

ISSUE DATE: 03/05/09 16:12

THURSDAY
MARCH 19, 2009
078-079

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

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

S/C 31 INITIAL CONDITIONS

RTLT: 30h 14m 40s
CCSL: A070
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 30h 14m 38s

0000 RTLT 30h 14m 36s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0850 — 15 [D] — 1445
10
10
40
60
0310 — 65 [D]
60

32 DSN COVERAGE

2015 — 34 [DAR] — 0315
2015 — 45 [DA] — 0605
40

S/C 32 INITIAL CONDITIONS

RTLT: 24h 37m 46s
CCSL: B142
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 24h 37m 44s

0000 RTLT 24h 37m 42s

COMMAND MORATORIUM

2043 AAI

2046 — MAGROL — 0242

0235 RAI

0242 GYROS OFF

0242 CRU

0257 X/B LOW POWER

0301 BAY 1 HTR ON

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 VARIATIONS EXPECTED DURING MAGROL (2046-0241)

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

UTC: MAR 19 | MAR 20

ISSUE DATE: 03/05/09 16:12

FRIDAY
MARCH 20, 2009
079-080

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

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

S/C 31 INITIAL CONDITIONS

RTLT: 30h 14m 36s
CCSL: A070
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 30h 14m 34s
- 0000 RTLT 30h 14m 32s
- 2135 – 2149 TAPPOS
- 0037 – 0038 PWS/RH
- 0245 – 0245 TAPPOS
- 0037 GS-4B 0038

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

31 DSN COVERAGE

- 0845 – 15 [D] – 1245 (10)
- (10)
- (40)
- 65 [D] – 0900 (60)
- 0200 - 0725 – 65 [D] (60)

32 DSN COVERAGE

- (40)
- 0050 – 45 [D] – 0600

S/C 32 INITIAL CONDITIONS

RTLT: 24h 37m 42s
CCSL: B142
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 24h 37m 38s
- 0000 RTLT 24h 37m 36s
- COMMAND MORATORIUM – 0223

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

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 0037 XB=2.8K(41) NOT RECOVERABLE

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

UTC: MAR 20 | MAR 21

ISSUE DATE: 03/05/09 16:12

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

SATURDAY
MARCH 21, 2009
080-081

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

S/C 31
INITIAL CONDITIONS

RTLT: 30h 14m 32s

CCSL: A070

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

1200 RTLT 30h 14m 30s

0000 RTLT 30h 14m 28s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0845 — 15 [D] — 1430
10
10
40
0115 — 63 [D] — 0440
0425 — 65 [D]
60
60

32 DSN COVERAGE

1520 — 45 [D] — 1955
40

S/C 32
INITIAL CONDITIONS

RTLT: 24h 37m 36s

CCSL: B142

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

1200 RTLT 24h 37m 34s

0000 RTLT 24h 37m 32s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL

NOTES

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

UTC: MAR 21 | MAR 22

ISSUE DATE: 03/05/09 16:12

SUNDAY
MARCH 22, 2009
081-082

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

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

S/C 31
INITIAL CONDITIONS

RTLT: 30h 14m 28s

CCSL: A070

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

1200 RTLT 30h 14m 26s

0000 RTLT 30h 14m 24s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

1025 — 25 [D] — 1425
10
40
10
0035 — 63 [D] — 0450
0445 — 65 [D] — 0655
0845 65 [D]
60
60

32 DSN COVERAGE

1600 — 45 [D] — 1805
1745 — 34 [D] — 2045
40

S/C 32
INITIAL CONDITIONS

RTLT: 24h 37m 32s

CCSL: B142

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

1200 RTLT 24h 37m 28s

0000 RTLT 24h 37m 26s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL

NOTES

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

UTC: MAR 22 | MAR 23

ISSUE DATE: 03/05/09 16:12

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

MONDAY
MARCH 23, 2009
082-083

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

S/C 31
INITIAL CONDITIONS

RTLT: 30h 14m 24s

CCSL: A070

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

1200 RTLT 30h 14m 22s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

10

40

60

32 DSN COVERAGE

1355 — 45 [D] — 1755

S/C 32
INITIAL CONDITIONS

RTLT: 24h 37m 26s

CCSL: B142

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

1200 RTLT 24h 37m 24s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL

NOTES

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

UTC: MAR 23 | MAR 24