VOYAGER
Space Flight Operations Schedule (SFOS)

Issue Date: March 11, 2009 For the Period: 03/12/09 to 03/30/09 (09-071– 09-089)

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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: 03/11/09 20:05

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

2037 2040 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: 03/11/09 20:05

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
14 [D] 0730 — 10
40
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: 03/11/09 20:05

SATURDAY
MARCH 14, 2009
073-074

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 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
10
1425 26 [D] 1810
40
10
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: 03/11/09 20:05

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: 03/11/09 20:05

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 ROLL=.25
2152 YAW=.10
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 | 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: 03/11/09 20:05

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
TLC (SHORT-FORM)
1838 1838 PWS/RH
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: 03/11/09 20:05

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: 03/11/09 20:05

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 CRU
- 0242 GYROS OFF
- 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: 03/11/09 20:05

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: 03/11/09 20:05

SATURDAY
MARCH 21, 2009
080-081

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 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: 03/11/09 20:05

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
0845 65 [D]
60
0445 — 65 [D] — 0655
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: 03/11/09 20:05

MONDAY
MARCH 23, 2009
082-083

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 24s

CCSL: A070

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

1200 RTLT 30h 14m 22s

0000 RTLT 30h 14m 20s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

10

10

40

2330 — 63 [D] — 0435

60

60

32 DSN COVERAGE

1355 — 45 [D] — 1755

0035 — 34 [D] — 0325

40

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

0000 RTLT 24h 37m 20s

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

ISSUE DATE: 03/11/09 20:05

TUESDAY
MARCH 24, 2009
083-084

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 20s
CCSL: A070
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 30h 14m 18s
0000 RTLT 30h 14m 16s
1813 1814 PWS/RH
1825 DTR MAINT 2349
2353 2356 TAPPOS
0308 TAPPOS 0528
U/L 0300 TLC (SHORT-FORM)
1813 GS-4B 1814

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

31 DSN COVERAGE

1110 26 [D] 1440
10
40
0645 14 [DA]
24 [DAR] 0740
10
0225 63 [T] 0645
60
60

32 DSN COVERAGE

1410 45 [D] 1910
40

S/C 32 INITIAL CONDITIONS

RTLT: 24h 37m 20s
CCSL: B142
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 24h 37m 18s
0000 RTLT 24h 37m 16s

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

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 1813 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 24 | MAR 25

ISSUE DATE: 03/11/09 20:05

WEDNESDAY
MARCH 25, 2009
084-085

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 16s
CCSL: A070
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 30h 14m 16s
- 0000 RTLT 30h 14m 14s
- 0829 YAW=.05
- PLAYBACK 0839 - 1439
- 1449 YAW=.10
- 1739 1746 TAPPOS
- TLC (SHORT-FORM)
- 0839
- 1439

FDS MODE: PB-14 | CR-5T

XB DATA RATE(MI): 1.4K(39) | 160(32)

31 DSN COVERAGE

- 14 [DA] 1445
- 24 [DAR] 1445
- 10
- 10
- 40
- 0125 65 [D] 0445
- 60
- 60

32 DSN COVERAGE

- 1350 45 [D] 2045
- 40

S/C 32 INITIAL CONDITIONS

RTLT: 24h 37m 16s
CCSL: B142
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 24h 37m 12s
- 0000 RTLT 24h 37m 10s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: VGR | ON CALL

NOTES

[1] S/C 31=PB-14 @ 0838 XB=1.4K(39)

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 25 | MAR 26

ISSUE DATE: 03/11/09 20:05

THURSDAY
MARCH 26, 2009
085-086

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

- 1200 RTLT 30h 14m 12s
- 0000 RTLT 30h 14m 10s
- 0923 – 0930 TAPPOS
- 1231 YAW=.05
- 1241 – PLAYBACK – 1444
- 1454 YAW=.10
- 1459 X/B LOW POWER
- 1503 BAY 1 HTR ON
- TLC (SHORT-FORM)
- D/L – 1042
- 1744 – 1758 TAPPOS
- 1241
- 1444

FDS MODE	CR-5T	PB-14	CR-5T
XB DATA RATE(MI)	160(32)	1.4K(39)	160(32)

31 DSN COVERAGE

- 0855 – 15 [DAR] – 1445
- 1200 – 14 [DA] – 1530
- 10
- 10
- 40
- 0120 – 65 [D] – 0555
- 60
- 60

32 DSN COVERAGE

- 1345 – 45 [D] – 1830
- 40

S/C 32 INITIAL CONDITIONS

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

- 1200 RTLT 24h 37m 8s
- 0000 RTLT 24h 37m 4s

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

VGR COVERAGE	ON CALL	VGR	ON CALL

NOTES

[1] S/C 31=PB-14 @ 1241 XB=1.4K(39)

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 26 | MAR 27

ISSUE DATE: 03/11/09 20:05

FRIDAY
MARCH 27, 2009
086-087

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 10s

CCSL: A070

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

1200 RTLT 30h 14m 8s

0000 RTLT 30h 14m 6s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [D] 0820 - 1220

10

40

10

60

0115 65 [D] 0450

60

32 DSN COVERAGE

1340 45 [D] 1835

40

S/C 32
INITIAL CONDITIONS

RTLT: 24h 37m 4s

CCSL: B142

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

1200 RTLT 24h 37m 2s

0000 RTLT 24h 37m 0s

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 27 | MAR 28

ISSUE DATE: 03/11/09 20:05

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 28, 2009
087-088

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 6s
CCSL: A070
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 30h 14m 4s
0000 RTLT 30h 14m 4s
ENABLE AHELIO RECORDINGS 1747
1748 1749 2 SID MRO'S

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

31 DSN COVERAGE

15 [D] 0815 - 1205
1145 14 [D] 1815
10
40
60
0650 15 [DA]
24 [DAR] 0650
10
0115 63 [D] 0425
60

32 DSN COVERAGE

1845 45 [D] 2025
2020 34 [o] 0250
40

S/C 32 INITIAL CONDITIONS

RTLT: 24h 37m 0s
CCSL: B142
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 24h 36m 56s
0000 RTLT 24h 36m 54s

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 28 | MAR 29

ISSUE DATE: 03/11/09 20:05

SUNDAY
MARCH 29, 2009
088-089

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 4s

CCSL: A070

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

1200 RTLT 30h 14m 2s

0000 RTLT 30h 14m 0s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [DA] 1310

24 [DAR] 1155

10

40

10

0110 65 [D] 0555

60

60

32 DSN COVERAGE

1800 45 [D] 2200

40

S/C 32
INITIAL CONDITIONS

RTLT: 24h 36m 54s

CCSL: B142

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

1200 RTLT 24h 36m 50s

0000 RTLT 24h 36m 48s

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 29 | MAR 30

ISSUE DATE: 03/11/09 20:05

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 30, 2009
089-090

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 0s

CCSL: A070

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

1200 RTLT 30h 13m 58s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [D] 0810 - 1200

1145 14 [D] 1255

10

40

60

32 DSN COVERAGE

S/C 32
INITIAL CONDITIONS

RTLT: 24h 36m 48s

CCSL: B142

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

1200 RTLT 24h 36m 46s

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 30 | MAR 31