VOYAGER
Space Flight Operations Schedule (SFOS)

Issue Date: July 28, 2004

For the Period: 07/29/04 to 08/15/04 (04-211 - 04-228)

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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
D = Downlink only pass
A = Arrayed station
U = Uplink only pass
B = BLF
[o] = Ramp-through
H = High Power Transmitter
T = TLC Uplink

*Electronic Copy Only
(21 – Dist/N: Paper Copies)
04/02/04

ISSUE DATE: 08/04/04 17:01

THURSDAY
JULY 29, 2004
211-212

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: 25h 32m 40s

CCSL: A052

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

1200 RTLT 25h 32m 52s

0000 RTLT 25h 33m 2s

S/C 31 STATUS

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -23.521 secs

ROLLREF = RIGIL
KENTAURUS

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [D] 0935 (10)

2330 15 [D] (10)

(40)

(40)

1740 55 [D] 2350 (60)

32 DSN COVERAGE

0835 43 [D] 1545 (40)

1525 45 [D] 2055

(40)

S/C 32
INITIAL CONDITIONS

RTLT: 20h 16m 30s

CCSL: B124

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

1200 RTLT 20h 16m 36s

0000 RTLT 20h 16m 42s

S/C 32 STATUS

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -3:27.460 min

ROLLREF = VEGA

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: JUL 29 | JUL 30

ISSUE DATE: 08/04/04 17:01

FRIDAY
JULY 30, 2004
212-213

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: 25h 33m 2s

CCSL: A052

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

1200 RTLT 25h 33m 12s
0000 RTLT 25h 33m 24s
1602 1644 TAPPOS
1905 1906 PWS/RH
2112 2208 TAPPOS
0211 GYROS AB ON
0212 GYRO INIT
0221 GYRO FAULT TEST
0316 0322 CCSTIM(B)
1905 GS-4B 1906

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

31 DSN COVERAGE
15 [D] 0930 (10)
0225 15 [D] (10)
(40)
(40)
2245 63 [D] 0245
1740 54 [D] 2305 (60)

32 DSN COVERAGE
1030 43 [D] 1545 (40)
1820 43 [D] 2035
(40)

S/C 32
INITIAL CONDITIONS

RTLT: 20h 16m 42s

CCSL: B124

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

1200 RTLT 20h 16m 50s
0000 RTLT 20h 16m 56s

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

VGR COVERAGE: ON CALL | VGR | ON CALL

NOTES
[1] S/C 31=GS-4B @ 1905 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: JUL 30 | JUL 31

ISSUE DATE: 08/04/04 17:01

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
JULY 31, 2004
213-214

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: 25h 33m 24s

CCSL: A052

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

1200 RTLT 25h 33m 34s

0000 RTLT 25h 33m 44s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [D] 0930
10
40
0215 15 [D]
10
40
2245 63 [D] 0235
1735 54 [D] 2305
60

32 DSN COVERAGE

0845 43 [o] 2150
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 16m 56s

CCSL: B124

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

1200 RTLT 20h 17m 4s

0000 RTLT 20h 17m 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: JUL 31 | AUG 01

ISSUE DATE: 08/04/04 17:01

SUNDAY
AUGUST 1, 2004
214-215

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: 25h 33m 44s

CCSL: A052

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

1200 RTLT 25h 33m 56s

0000 RTLT 25h 34m 6s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [D] 0925 (10)

0100 15 [D] (10)

(40)

(40)

1950 65 [D] 0120

1730 55 [D] 2010 (60)

32 DSN COVERAGE

0745 34 [D] 1625 (40)

(40)

S/C 32
INITIAL CONDITIONS

RTLT: 20h 17m 10s

CCSL: B124

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

1200 RTLT 20h 17m 18s

0000 RTLT 20h 17m 24s

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 01 | AUG 02

ISSUE DATE: 08/04/04 17:01

MONDAY
AUGUST 2, 2004
215-216

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: 25h 34m 6s

CCSL: A052

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

1200 RTLT 25h 34m 16s

0000 RTLT 25h 34m 28s

2100 DUMMY (22:34)

2110 CCS CLK RESET (22:45) CANCELLED

2300 CCSTIM F/C (00:35)

U/L 0100 TLC (SHORT-FORM)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [D] 0920 — 10

40

0350 25 [D] — 10

40

2030 63 [T] 0230 — 60

32 DSN COVERAGE

1055 43 [B] 1805 — 40

40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 17m 24s

CCSL: B124

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

1200 RTLT 20h 17m 32s

1652 DUMMY (5 MIN BRACKETED 13:10)

0000 RTLT 20h 17m 38s

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: AUG 02 | AUG 03

ISSUE DATE: 08/04/04 17:01

TUESDAY
AUGUST 3, 2004
216-217

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: 25h 34m 28s
CCSL: A052
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AB ON

- 1200 RTLT 25h 34m 38s
- 1241 | 1242 PWS/RH
- 0000 RTLT 25h 34m 50s
- (CANCELLED)
- 0035 – 0120 CCSTIM F/C
- 0312 GYRO INIT
- TLC (SHORT-FORM) – D/L | 0402
- 1242 GS-4B 1242

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

31 DSN COVERAGE

- 25 [D] | 0825 (10, 40)
- 0055 – 26 [D] (10)
- 15 [D] 0655 (40)
- 2110 – 65 [D] – 0115
- 1730 – 55 [D] – 2130 (60)

32 DSN COVERAGE

- *1030* – *43 [D]* – *2100* (40)
- (40)

S/C 32 INITIAL CONDITIONS

RTLT: 20h 17m 38s
CCSL: B124
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 20h 17m 46s
- 1126 | 1126 PWS/RH
- 0000 RTLT 20h 17m 54s
- **1126** GS-4B 1126

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

VGR COVERAGE	ON CALL	VGR	ON CALL

NOTES

[1] S/C 31=GS-4B @ 1242 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 32=GS-4B @ 1126 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 03 | AUG 04

ISSUE DATE: 08/04/04 17:01

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
AUGUST 4, 2004
217-218

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: 25h 34m 50s

CCSL: A052

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

1200 RTLT 25h 35m 0s

0000 RTLT 25h 35m 12s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0715 26 [D]
15 [D] 0915
10
40
1945 65 [D] 0110
60
0055 15 [D]
10
40

32 DSN COVERAGE

1310 43 [D] 1630
1610 45 [D] 2055
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 17m 54s

CCSL: B124

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

1200 RTLT 20h 18m 0s

0000 RTLT 20h 18m 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: AUG 04 | AUG 05

ISSUE DATE: 08/04/04 17:01

THURSDAY
AUGUST 5, 2004
218-219

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: 25h 35m 12s

CCSL: A052

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

1200 RTLT 25h 35m 22s

0000 RTLT 25h 35m 34s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [D] 0910
10
40
1600 63 [D] 2250
60
2330 15 [D]
10
40

32 DSN COVERAGE

0845 45 [D] 2030
40
0600 34 [D]
40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 18m 8s

CCSL: B124

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

1200 RTLT 20h 18m 16s

0000 RTLT 20h 18m 24s

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 05 | AUG 06

ISSUE DATE: 08/04/04 17:01

FRIDAY
AUGUST 6, 2004
219-220

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: 25h 35m 34s
CCSL: A052
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AB ON

1200 RTLT 25h 35m 44s
0000 RTLT 25h 35m 56s
1540 – 1649 TAPPOS
1842 | 1843 PWS/RH
2049 – TAPPOS | 2213
2155 BAY 1 HTR OFF
2159 X/B HI POWER
0323 AAI
0326 – MAGROL
1842 GS-4B 1843

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

31 DSN COVERAGE

15 [D] 0905 (10)
0155 – 15 [D] (10)
(40)
(40)
1545 – 63 [D] – 0215 (60)

32 DSN COVERAGE

0730 34 [D]
0825 – 45 [D] – 1100 (40)
(40)

S/C 32 INITIAL CONDITIONS

RTLT: 20h 18m 24s
CCSL: B124
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 20h 18m 30s
0000 RTLT 20h 18m 38s

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

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

NOTES
[2] S/C 31 D/L AGC VARIATIONS EXPECTED DURING MAGROL (0326-0921)
[1] S/C 31=GS-4B @ 1842 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 06 | AUG 07

ISSUE DATE: 08/04/04 17:01

SATURDAY
AUGUST 7, 2004
220-221

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: 25h 35m 56s

CCSL: A052

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

1200 RTLT 25h 36m 6s

0000 RTLT 25h 36m 18s

1601 X/B LOW POWER
1605 BAY 1 HTR ON

0914 RAI

MAGROL 0921

0921 GYROS OFF

0921 CRU

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [D] 0905 (10)

0035 25 [D] (10)

0825 43 [D] 1110 (40)

40

1945 65 [D] 0055

1545 63 [D] 1945 (60)

32 DSN COVERAGE

1635 43 [D] 2030 (40)

40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 18m 38s

CCSL: B124

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

1200 RTLT 20h 18m 46s

0000 RTLT 20h 18m 54s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: 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: AUG 07 | AUG 08

ISSUE DATE: 08/04/04 17:01

SUNDAY
AUGUST 8, 2004
221-222

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: 25h 36m 18s

CCSL: A052

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

1200 RTLT 25h 36m 28s

0000 RTLT 25h 36m 40s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

25 [D] 0810 — 10
40
0045 — 15 [D] — 10
40
1945 — 65 [D] — 0055 — 60

32 DSN COVERAGE

0840 — 43 [o] — 1415 — 40
1815 — 43 [D] — 2120
40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 18m 54s

CCSL: B124

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

1200 RTLT 20h 19m 2s

0000 RTLT 20h 19m 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 08 | AUG 09

ISSUE DATE: 08/04/04 17:01

MONDAY
AUGUST 9, 2004
222-223

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: 25h 36m 40s
CCSL: A052
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 25h 36m 52s
- 0000 RTLT 25h 37m 2s
- 2100 DUMMY (22:37)
- U/L 0000 — TLC (SHORT-FORM)

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

31 DSN COVERAGE

- 15 [D] 0855 (10; 40)
- 0140 — 26 [D] — 0340 (10)
- 0320 — 15 [D] (40)
- 2010 — 63 [T] — 0200 (60)

32 DSN COVERAGE

- 0825 — 43 [D] — 1800 (40; 40)

S/C 32 INITIAL CONDITIONS

RTLT: 20h 19m 10s
CCSL: B124
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 20h 19m 18s
- 0000 RTLT 20h 19m 26s

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 09 | AUG 10

ISSUE DATE: 08/04/04 17:01

TUESDAY
AUGUST 10, 2004
223-224

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: 25h 37m 2s

CCSL: A052

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

1200 RTLT 25h 37m 14s
1219 1220 PWS/RH
0000 RTLT 25h 37m 26s

TLC (SHORT-FORM)
D/L 0305

1219 GS-4B 1220

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

31 DSN COVERAGE

15 [D] 0850
10
40

0045 15 [D]
10
40

1945 65 [D] 0050
60

32 DSN COVERAGE

1030 43 [B] 2005
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 19m 26s

CCSL: B124

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

1200 RTLT 20h 19m 34s
1103 1103 PWS/RH
0000 RTLT 20h 19m 42s

1752 DUMMY (5 MIN BRACKETED 14:12)

1103 GS-4B 1103

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

VGR COVERAGE: ON CALL | VGR | ON CALL

NOTES

[1] S/C 31=GS-4B @ 1219 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 32=GS-4B @ 1103 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 10 | AUG 11

ISSUE DATE: 08/04/04 17:01

WEDNESDAY
AUGUST 11, 2004
224-225

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: 25h 37m 26s

CCSL: A052

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

1200 RTLT 25h 37m 36s

0000 RTLT 25h 37m 48s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [D] 0845
10
40
2300 26 [D] 0335
0315 15 [D]
10
40
2135 65 [D] 2305
1605 63 [D] 2045
60

32 DSN COVERAGE

1405 34 [D] 1940
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 19m 42s

CCSL: B124

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

1200 RTLT 20h 19m 50s

0000 RTLT 20h 19m 58s

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 11 | AUG 12

ISSUE DATE: 08/04/04 17:01

THURSDAY
AUGUST 12, 2004
225-226

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: 25h 37m 48s

CCSL: A052

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

1200 RTLT 25h 38m 0s

0000 RTLT 25h 38m 10s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [D] 0845
10
40

1600 63 [D] 0150
60

0130 15 [D]
10
40

32 DSN COVERAGE

0820 43 [D] 1530
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 19m 58s

CCSL: B124

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

1200 RTLT 20h 20m 6s

0000 RTLT 20h 20m 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: AUG 12 | AUG 13

ISSUE DATE: 08/04/04 17:01

FRIDAY
AUGUST 13, 2004
226-227

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: 25h 38m 10s

CCSL: A052

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

1200 RTLT 25h 38m 22s

0000 RTLT 25h 38m 34s

1517 TAPPOS 1654

1819 1820 PWS/RH

2027 TAPPOS 2218

1819 GS-4B 1820

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

31 DSN COVERAGE

15 [D] 0835 (10)

(40)

0015 25 [D] (10)

(40)

2035 65 [D] 0035 (60)

32 DSN COVERAGE

1015 43 [D] 1430 (40)

(40)

S/C 32 INITIAL CONDITIONS

RTLT: 20h 20m 14s

CCSL: B124

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

1200 RTLT 20h 20m 24s

0000 RTLT 20h 20m 32s

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

VGR COVERAGE	ON CALL

NOTES

[1] S/C 31=GS-4B @ 1819 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 13 | AUG 14

ISSUE DATE: 08/04/04 17:01

SATURDAY
AUGUST 14, 2004
227-228

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: 25h 38m 34s

CCSL: A052

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

1200 RTLT 25h 38m 44s

0000 RTLT 25h 38m 56s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0745 25 [D]
10
40

0115 25 [D]
10
40

1945 63 [D] 0135
60

32 DSN COVERAGE

1055 34 [D] 1845
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 20m 32s

CCSL: B124

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

1200 RTLT 20h 20m 40s

0000 RTLT 20h 20m 48s

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 14 | AUG 15

ISSUE DATE: 08/04/04 17:01

SUNDAY
AUGUST 15, 2004
228-229

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: 25h 38m 56s

CCSL: A052

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

1200 RTLT 25h 39m 8s

0000 RTLT 25h 39m 20s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0740 25 [D]
10
40

0030 15 [D]
10
40

1945 65 [D] 0030
60

32 DSN COVERAGE

0820 43 [D] 1455
40

1745 43 [D] 1940

40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 20m 48s

CCSL: B124

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

1200 RTLT 20h 20m 58s

0000 RTLT 20h 21m 6s

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 15 | AUG 16

ISSUE DATE: 08/04/04 17:01

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
AUGUST 16, 2004
229-230

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: 25h 39m 20s

CCSL: A052

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

1200 RTLT 25h 39m 30s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [D] 0825
10
40
1750 55 [D] 2240

32 DSN COVERAGE

1110 43 [D] 2045
40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 21m 6s

CCSL: B124

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

1200 RTLT 20h 21m 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: AUG 16 | AUG 17