VOYAGER
Space Flight Operations Schedule (SFOS)

Issue Date: July 14, 2004

For the Period: 07/15/04 to 08/01/04 (04-197 - 04-214)

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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: 07/14/04 17:18

THURSDAY
JULY 15, 2004
197-198

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 28m 0s
CCSL: A051
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 25h 28m 10s

0000 RTLT 25h 28m 20s

S/C 31 STATUS

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -23.441 secs

ROLLREF = RIGIL KENTAURUS

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [D] 1035 (10)

40

0210 15 [D] (10)

40

2045 65 [D] 0230 (60)

32 DSN COVERAGE

1010 45 [D] 1405 (40)

1705 45 [D] 2215

40

S/C 32 INITIAL CONDITIONS

RTLT: 20h 13m 48s
CCSL: B124
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 20h 13m 52s

0000 RTLT 20h 13m 58s

S/C 32 STATUS

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -3:25.618 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 15 | JUL 16

ISSUE DATE: 07/14/04 17:18

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
JULY 16, 2004
198-199

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 28m 20s

CCSL: A051

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

1200 RTLT 25h 28m 30s
0000 RTLT 25h 28m 38s
1648 1701 TAPPOS
1950 1951 PWS/RH
2158 2158 TAPPOS
1950 GS-4B 1951

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

31 DSN COVERAGE

15 [D] 1030 (10)
0200 25 [D] (10)
40
40
1700 63 [D] 1935
2040 65 [D] 0220 (60)

32 DSN COVERAGE

1100 43 [o] 2115 (40)
40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 13m 58s

CCSL: B124

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

1200 RTLT 20h 14m 2s
0000 RTLT 20h 14m 8s

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

VGR COVERAGE: **ON CALL**

NOTES

[1] S/C 31=GS-4B @ 1950 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 16 | JUL 17

ISSUE DATE: 07/14/04 17:18

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 17, 2004
199-200

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 28m 38s

CCSL: A051

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

1200 RTLT 25h 28m 48s

0000 RTLT 25h 28m 58s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

25 [D] 0935
10
40

0310 25 [D]
10
40

2250 63 [D] 0330
60

32 DSN COVERAGE

0845 45 [D] 2205
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 14m 8s

CCSL: B124

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

1200 RTLT 20h 14m 12s

0000 RTLT 20h 14m 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: JUL 17 | JUL 18

ISSUE DATE: 07/14/04 17:18

SUNDAY
JULY 18, 2004
200-201

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 28m 58s

CCSL: A051

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

1200 RTLT 25h 29m 8s

0000 RTLT 25h 29m 18s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

25 [D] 0930
10
40
0140 - 0630
25 [D]
15 [D] 0610
10
40
2300
63 [D]
0200
2030
65 [D]
2320
60

32 DSN COVERAGE

0840
43 [D]
1450
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 14m 18s

CCSL: B124

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

1200 RTLT 20h 14m 24s

0000 RTLT 20h 14m 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: JUL 18 | JUL 19

ISSUE DATE: 07/14/04 17:18

MONDAY
JULY 19, 2004
201-202

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 29m 18s
CCSL: A051
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 25h 29m 28s
- 0000 RTLT 25h 29m 36s
- 2000 DUMMY (21:30)
- 2154 BEGIN SEQUENCE A052
- U/L 0100 — TLC (SHORT-FORM)

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

31 DSN COVERAGE

- 15 [D] 1020 (10; 40)
- 0305 15 [D] (10; 40)
- 1715 63 [T] 0325 (60)

32 DSN COVERAGE

- 0855 43 [B] 2145 (40; 40)

S/C 32 INITIAL CONDITIONS

RTLT: 20h 14m 28s
CCSL: B124
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 20h 14m 34s
- 0000 RTLT 20h 14m 40s
- 1652 DUMMY (5 MIN BRACKETED 13:07)

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

VGR COVERAGE: **ON CALL** | VGR | | 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: JUL 19 | JUL 20

ISSUE DATE: 07/14/04 17:18

TUESDAY
JULY 20, 2004
202-203

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 29m 36s

CCSL: A052

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

1200 RTLT 25h 29m 46s
1327 1328 PWS/RH
0000 RTLT 25h 29m 56s
0518 PLSCAL
0518 MAGCAL
0518 PESCAL
TLC (SHORT-FORM)
D/L
0257
1327 GS-4B 1328

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

31 DSN COVERAGE
15 [D] 1015
10
40
0300 25 [D] 0415
0355 15 [D]
10
40
2040 63 [D] 0320
60

32 DSN COVERAGE
1020 45 [D] 1825
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 14m 40s

CCSL: B124

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

1200 RTLT 20h 14m 46s
1212 1213 PWS/RH
0000 RTLT 20h 14m 52s
1212 GS-4B 1213

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

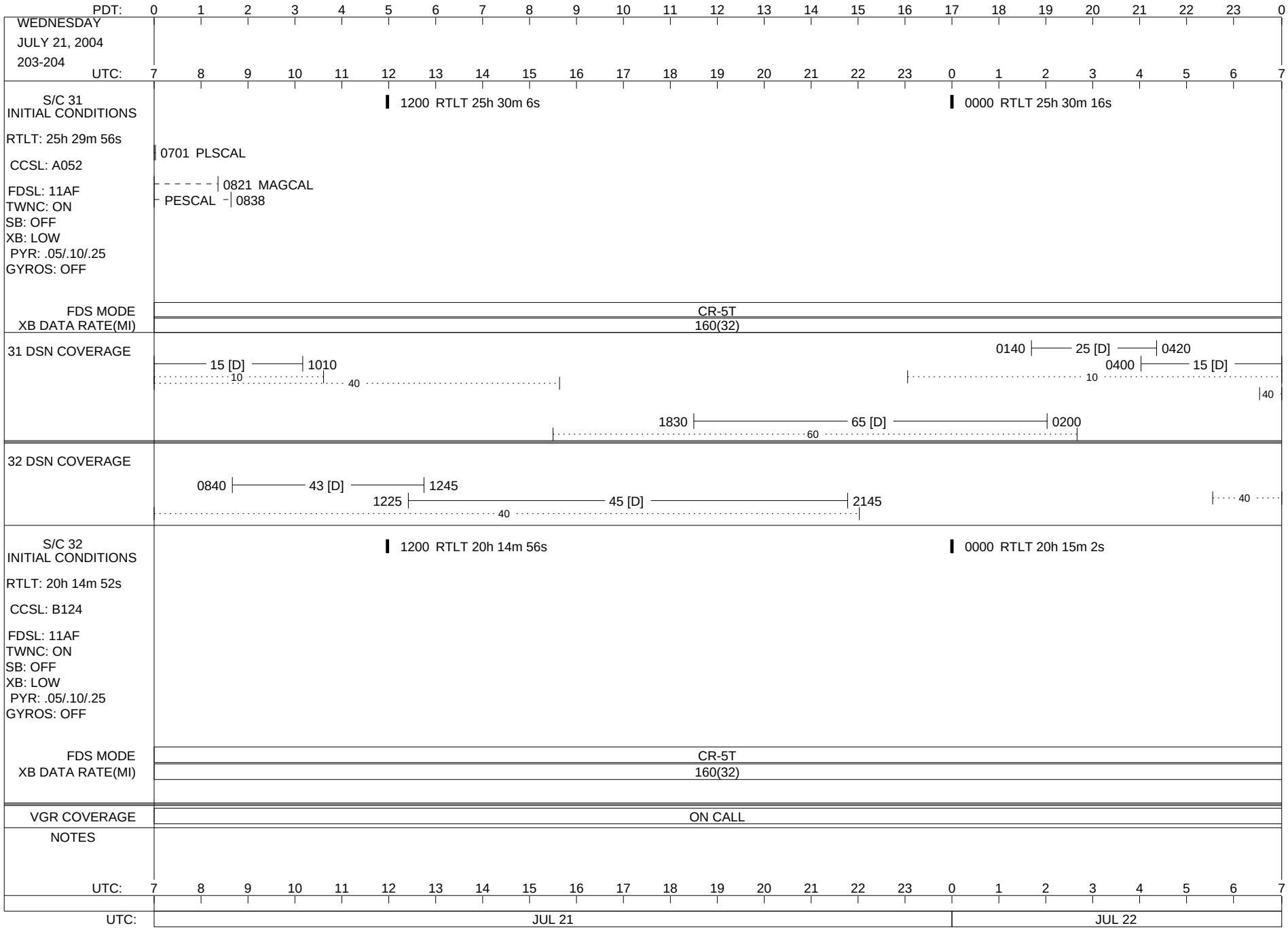
VGR COVERAGE: ON CALL

NOTES
[1] S/C 31=GS-4B @ 1327 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 32=GS-4B @ 1212 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 20 | JUL 21

ISSUE DATE: 07/14/04 17:18



ISSUE DATE: 07/14/04 17:18

THURSDAY
JULY 22, 2004
204-205

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 30m 16s

CCSL: A052

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

1200 RTLT 25h 30m 26s

0000 RTLT 25h 30m 36s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [D] 1005
10
40

1645 63 [D] 0310
60

0250 15 [D]
10
40

32 DSN COVERAGE

0950 45 [D] 2145
40

0535 45 [D]
40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 15m 2s

CCSL: B124

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

1200 RTLT 20h 15m 8s

0000 RTLT 20h 15m 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: JUL 22 | JUL 23

ISSUE DATE: 07/14/04 17:18

FRIDAY
JULY 23, 2004
205-206

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 30m 36s
CCSL: A052
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 25h 30m 46s
0000 RTLT 25h 30m 58s
1625 – 1639 TAPPOS
1928 1928 PWS/RH
2135 – 2203 TAPPOS
1928 GS-4B 1928

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

31 DSN COVERAGE

15 [D] 1000 (10)
0135 25 [D] 0500 (10)
(40)
(40)
1625 65 [D] 0155 (60)

32 DSN COVERAGE

45 [D] 0905 (40)
1515 45 [D] 2140
(40)

S/C 32 INITIAL CONDITIONS

RTLT: 20h 15m 14s
CCSL: B124
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 20h 15m 20s
0000 RTLT 20h 15m 26s

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

VGR COVERAGE: ON CALL

NOTES
[1] S/C 31=GS-4B @ 1928 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 23 | JUL 24

ISSUE DATE: 07/14/04 17:18

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 24, 2004
206-207

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 30m 58s

CCSL: A052

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

1200 RTLT 25h 31m 8s

0000 RTLT 25h 31m 18s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

10

10

40

40

1800 — 55 [D] — 0010

60

32 DSN COVERAGE

0850 — 43 [o] — 2115

40

40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 15m 26s

CCSL: B124

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

1200 RTLT 20h 15m 32s

0000 RTLT 20h 15m 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: JUL 24 | JUL 25

ISSUE DATE: 07/14/04 17:18

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

SUNDAY
JULY 25, 2004
207-208

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 31m 18s

CCSL: A052

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

1200 RTLT 25h 31m 28s

0000 RTLT 25h 31m 38s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

10

0110 — 15 [D]

10

0915 — 45 [D] — 1425

40

40

2015 — 55 [D] — 0005

1630 — 63 [D] — 2030

60

32 DSN COVERAGE

0835 — 43 [D] — 1540

40

40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 15m 38s

CCSL: B124

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

1200 RTLT 20h 15m 44s

0000 RTLT 20h 15m 50s

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 25 | JUL 26

ISSUE DATE: 07/14/04 17:18

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
JULY 26, 2004
208-209

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 31m 38s

CCSL: A052

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

1200 RTLT 25h 31m 48s

0000 RTLT 25h 31m 58s

2112 PSU INSTRUMENTATION OFF

2200 DUMMY (23:32)

U/L 0100

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [D] 0950 (10, 40)

0235 - 0645 15 [D] (10, 40)

2040 63 [T] 0255 (60)

32 DSN COVERAGE

0850 43 [B] 1800 (40)

43 [D] 0630 (40)

S/C 32
INITIAL CONDITIONS

RTLT: 20h 15m 50s

CCSL: B124

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

1200 RTLT 20h 15m 58s

0000 RTLT 20h 16m 4s

1652 DUMMY (5 MIN BRACKETED 13:09)

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: JUL 26 | JUL 27

ISSUE DATE: 07/14/04 17:18

TUESDAY
JULY 27, 2004
209-210

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 31m 58s
CCSL: A052
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 25h 32m 10s
1304 | 1305 PWS/RH
0000 RTLT 25h 32m 20s
D/L | 0359
1304 GS-4B 1305

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

31 DSN COVERAGE

10
40
0120 — 25 [D]
10
40
1625 — 65 [D] — 0140
60

32 DSN COVERAGE

43 [D] — 0930
0910 — 45 [D] — 2125
40
40

S/C 32 INITIAL CONDITIONS

RTLT: 20h 16m 4s
CCSL: B124
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 20h 16m 10s
1149 | 1150 PWS/RH
1302 — PLSCAL — 1445
1302 — MAGCAL — 1605
1302 — PESCAL — 1622
0000 RTLT 20h 16m 16s
1149 GS-4B 1150

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

VGR COVERAGE	ON CALL

NOTES

[1] S/C 31=GS-4B @ 1304 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 32=GS-4B @ 1149 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 27 | JUL 28

ISSUE DATE: 07/14/04 17:18

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
JULY 28, 2004
210-211

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 20s

CCSL: A052

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

1200 RTLT 25h 32m 30s

0000 RTLT 25h 32m 40s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

25 [D] 0855
10
40

0225 25 [D] 0405
0345 15 [D]
10
40

1450 63 [D] 0245
60

32 DSN COVERAGE

1115 45 [D] 2120
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 16m 16s

CCSL: B124

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

1200 RTLT 20h 16m 22s

0000 RTLT 20h 16m 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: JUL 28 | JUL 29

ISSUE DATE: 07/14/04 17:18

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

THURSDAY
JULY 29, 2004
211-212

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

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [D] 0935
10
40
1740 55 [D] 2350
60
2330 15 [D]
10
40

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

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: 07/14/04 17:18

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
1850 55 [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: 07/14/04 17:18

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 25 [D] 0400
0340 15 [D]
10
40
2245 63 [D] 0235
1945 55 [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: 07/14/04 17:18

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
40

0100 15 [D]
10
40

1950 65 [D] 0120
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: 07/14/04 17:18

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

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [D] 0920
10
40

32 DSN COVERAGE

0840 43 1805
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

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 02 | AUG 03