VOYAGER
Space Flight Operations Schedule (SFOS)

Issue Date: April 7, 2004

For the Period: 04/08/04 to 04/25/04 (04-099 - 04-116)

DSN OPSCHIEF (1) 230-102

DSOT (1) 230-102

*Zsarina.Bulchand@jpl.nasa.gov
*gdyke@airmail.fltops.jpl.nasa.gov
*John.M.Grant@jpl.nasa.gov
*dmcclena@airmail.fltops.jpl.nasa.gov
*pquach@airmail.fltops.jpl.nasa.gov
*mrobles@airmail.fltops.jpl.nasa.gov
*rwilliam@airmail.fltops.jpl.nasa.gov

OTHER

* KMassey@jgld.gdscc.nasa.gov
* Byron.G.Yetter@jpl.nasa.gov
* Belinda.Arroyo@jpl.nasa.gov
* Ruben.P.Espinueva@jpl.nasa.gov
* Karen.E.Yetter@jpl.nasa.gov
* MCarmichael@jftl.jpl.nasa.gov

SCIENCE (1)

Wong, R. 600-100

CRS *bryant@mail630.gsfc.nasa.gov
LECP *r.decker@jhuapl.edu
UVS *holburg@argus.lpl.arizona.edu
MAG *u2mha@lepvax.gsfc.nasa.gov
PLS *vgr@space.mit.edu
PWS *wsk@space.physics.uiowa.edu
*Leonard.F.Burlaga@nasa.gov
*Donald-Gurnett@uiowa.edu

FLIGHT TEAM (17) 600-100

Hall, J.
Hogle, T. (2)
Howard, S. (3)
Ludwig, R. (2)
Massey, Ed
Matsumoto, S.
Medina (AACS)
Poynter, R.
Presley (3) (DSE)
Weeks, T.
Zottarelli, L.
*charlotte.m.weiss@jpl.nasa.gov
*odivers@san.rr.com

NOPES (1)

Millner, I 507-120

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: 04/07/04 14:22

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
APRIL 8, 2004
099-100

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 14m 38s

CCSL: A050

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

1200 RTLT 25h 14m 38s

0000 RTLT 25h 14m 36s

S/C 31 STATUS

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -23.120 secs

ROLLREF = RIGIL
KENTAURUS

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0840 — 25 [D] — 1545 (10; 40)

15 [D] 0655 (10)

65 [D] — 0900 (60)

2305 — 63 [D] (60)

32 DSN COVERAGE

1245 — 45 [D] — 0410 (40)

S/C 32
INITIAL CONDITIONS

RTLT: 20h 14m 30s

CCSL: B123

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

1200 RTLT 20h 14m 26s

0000 RTLT 20h 14m 22s

S/C 32 STATUS

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -3:13.445 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: APR 08 | APR 09

ISSUE DATE: 04/07/04 14:22

FRIDAY
APRIL 9, 2004
100-101

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 14m 36s

CCSL: A050

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

1200 RTLT 25h 14m 36s

0000 RTLT 25h 14m 34s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [D] 1655
10
10
40
0715 63 [D]
60
2315 65 [D]
60

32 DSN COVERAGE

1315 45 [D] 0410
40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 14m 22s

CCSL: B123

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

1200 RTLT 20h 14m 20s

0000 RTLT 20h 14m 16s

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: APR 09 | APR 10

ISSUE DATE: 04/07/04 14:22

SATURDAY
APRIL 10, 2004
101-102

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 14m 34s

CCSL: A050

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

1200 RTLT 25h 14m 34s

0000 RTLT 25h 14m 34s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0835 — 15 [D] — 1650 (10)

15 [D] 0655 (10)

(40)

65 [D] 0855 (60)

2205 — 63 [D] (60)

32 DSN COVERAGE

1640 — 43 [D] — 2340 (40)

S/C 32
INITIAL CONDITIONS

RTLT: 20h 14m 16s

CCSL: B123

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

1200 RTLT 20h 14m 14s

0000 RTLT 20h 14m 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: APR 10 | APR 11

ISSUE DATE: 04/07/04 14:22

SUNDAY
APRIL 11, 2004
102-103

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 14m 34s

CCSL: A050

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

1200 RTLT 25h 14m 32s

0000 RTLT 25h 14m 32s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [D] 1645
10

40

25 [D] 0700
10

0715 63 [D]
60

2330 - 0645 63 [D]
60

32 DSN COVERAGE

1230 45 [D] 0225
40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 14m 10s

CCSL: B123

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

1200 RTLT 20h 14m 6s

0000 RTLT 20h 14m 4s

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: APR 11 | APR 12

ISSUE DATE: 04/07/04 14:22

MONDAY
APRIL 12, 2004
103-104

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 14m 32s

CCSL: A050

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

1200 RTLT 25h 14m 32s

0000 RTLT 25h 14m 30s

1227

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

31 DSN COVERAGE

25 [D] 0700 - 1555
10
40
60
2305 65 [D] 0545
60
25 [D] 0700
10

32 DSN COVERAGE

1915 45 [D] 0420
40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 14m 4s

CCSL: B123

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

1200 RTLT 20h 14m 0s

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

ISSUE DATE: 04/07/04 14:22

TUESDAY
APRIL 13, 2004
104-105

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 14m 30s

CCSL: A050

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

1200 RTLT 25h 14m 30s
0000 RTLT 25h 14m 30s
1855 1856 PWS/RH
2335 DUMMY (00:50)
0500 U/L
TLC (SHORT-FORM)
1855 GS-4B 1856

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

31 DSN COVERAGE

25 [D] 0700 - 1140
1120 14 [D] 1320
10
40
26 [D] 0655
10
60
2310 63 [T] 0545
60

32 DSN COVERAGE

1245 43 [B] 0140
40

S/C 32 INITIAL CONDITIONS

RTLT: 20h 13m 58s

CCSL: B123

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

1200 RTLT 20h 13m 54s
0000 RTLT 20h 13m 52s
1748 1749 PWS/RH
1759 DTR MAINT 2325
2327 TAPPOS 0202
1752 DUMMY (5 MIN BRACKETED 14:06)
1748 GS-4B 1749

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

VGR COVERAGE	ON CALL	VGR	ON CALL	VGR	ON CALL

NOTES

[1] S/C 31=GS-4B @ 1855 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 32=GS-4B @ 1748 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: APR 13 | APR 14

ISSUE DATE: 04/07/04 14:22

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
APRIL 14, 2004
105-106

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 14m 30s

CCSL: A050

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

1200 RTLT 25h 14m 30s

0000 RTLT 25h 14m 30s

TLC (SHORT-FORM)

D/L

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

26 [D] 1545

10

40

26 [D] 0645

10

2300 63 [D] 0545

60

60

32 DSN COVERAGE

1225 45 [D] 1630

40

2155 43 [D] 0220

S/C 32
INITIAL CONDITIONS

RTLT: 20h 13m 52s

CCSL: B123

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

1200 RTLT 20h 13m 48s

0000 RTLT 20h 13m 44s

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: APR 14 | APR 15

ISSUE DATE: 04/07/04 14:22

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
APRIL 15, 2004
106-107

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 14m 30s

CCSL: A050

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

1200 RTLT 25h 14m 28s

0000 RTLT 25h 14m 28s

D/L 0743

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

26 [D] 1540 (10)

14 [D] 0625 (10)

(40)

0005 - 0645 65 [D] (60)

(60)

32 DSN COVERAGE

1215 45 [D] 0405 (40)

S/C 32
INITIAL CONDITIONS

RTLT: 20h 13m 44s

CCSL: B123

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

1200 RTLT 20h 13m 42s

0000 RTLT 20h 13m 38s

2017 CMD MORATORIUM

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: APR 15 | APR 16

ISSUE DATE: 04/07/04 14:22

FRIDAY
APRIL 16, 2004
107-108

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 14m 28s

CCSL: A050

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

1200 RTLT 25h 14m 28s
0000 RTLT 25h 14m 28s
2153 TAPPOS 2344
0055 0056 PWS/RH
0303 TAPPOS 0440
0055 GS-4B 0056

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

31 DSN COVERAGE

14 [D] 1315
10
10
40
2250 65 [D]
60
60

32 DSN COVERAGE

1210 45 [D] 0030
40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 13m 38s

CCSL: B123

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

1200 RTLT 20h 13m 36s
0000 RTLT 20h 13m 32s
CMD MORATORIUM
1532 1654 GYRO A TEST & AACS MRO
1600 GYROS AC ON
1601 GYRO INIT
1643 GYRO FAULT TEST

1533 1654

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 @ 0055 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: APR 16 | APR 17

ISSUE DATE: 04/07/04 14:22

SATURDAY
APRIL 17, 2004
108-109

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 14m 28s

CCSL: A050

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

1200 RTLT 25h 14m 28s

0000 RTLT 25h 14m 28s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0805 — 26 [D] — 1535
10
40
26 [D] 0635
10
65 [D] — 0825
60
2245 - 0655 — 65 [D]
60

32 DSN COVERAGE

1210 — 45 [D] — 2215
2155 — 43 [D] — 0350
40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 13m 32s

CCSL: B123

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

1200 RTLT 20h 13m 30s

0000 RTLT 20h 13m 26s

CMD MORATORIUM — 1947

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: APR 17 | APR 18

ISSUE DATE: 04/07/04 14:22

SUNDAY
APRIL 18, 2004
109-110

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 14m 28s
CCSL: A050
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 25h 14m 28s
0000 RTLT 25h 14m 28s

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

31 DSN COVERAGE

26 [D] 1530 (10)
40
2245 - 0655 65 [D] (60)
25 [D] 0635 (10)
60

32 DSN COVERAGE

1130 43 [D] 1655
2055 43 [D] 0345
40

S/C 32 INITIAL CONDITIONS

RTLT: 20h 13m 26s
CCSL: B123
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AC ON

1200 RTLT 20h 13m 22s
1601 GYRO INIT
0000 RTLT 20h 13m 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: APR 18 | APR 19

ISSUE DATE: 04/07/04 14:22

MONDAY
APRIL 19, 2004
110-111

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 14m 28s

CCSL: A050

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

1200 RTLT 25h 14m 28s

0000 RTLT 25h 14m 28s

2147 BEGIN SEQUENCE A051

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

25 [D] 1005

10

40

60

2350 65 [D] 0545

60

26 [D] 0620

10

32 DSN COVERAGE

1120 43 [D] 1845

40

2215 45 [D] 0355

S/C 32
INITIAL CONDITIONS

RTLT: 20h 13m 20s

CCSL: B123

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

1200 RTLT 20h 13m 16s

0000 RTLT 20h 13m 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: APR 19 | APR 20

ISSUE DATE: 04/07/04 14:22

TUESDAY
APRIL 20, 2004
111-112

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 14m 28s
CCSL: A051
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 25h 14m 28s
0000 RTLT 25h 14m 28s
1831 1832 PWS/RH
U/L 2330 TLC (SHORT-FORM)
1500 DUMMY (16:14)
1831 GS-4B 1832

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

31 DSN COVERAGE

26 [D] 0925
0905 14 1515
10 40
26 [D] 0620
10
2315 63 [T] 0545
60 60

32 DSN COVERAGE

1900 43 [D] 0315
40

S/C 32 INITIAL CONDITIONS

RTLT: 20h 13m 14s
CCSL: B123
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AC ON

1200 RTLT 20h 13m 10s
0000 RTLT 20h 13m 8s
1601 GYRO INIT
1723 1724 PWS/RH
1723 GS-4B 1724

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 @ 1831 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 32=GS-4B @ 1723 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: APR 20 | APR 21

ISSUE DATE: 04/07/04 14:22

WEDNESDAY
APRIL 21, 2004
112-113

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 14m 28s

CCSL: A051

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

1200 RTLT 25h 14m 28s

0000 RTLT 25h 14m 28s

TLC (SHORT-FORM)

D/L 0212

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

26 [D] 1520 — 10

40

60

2250 63 [D] 0545 — 60

25 [D] 0650 — 10

32 DSN COVERAGE

1235 43 [B] 0020 — 40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 13m 8s

CCSL: B123

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

1200 RTLT 20h 13m 4s

0000 RTLT 20h 13m 2s

1852 DUMMY (5 MIN BRACKETED 15:06)

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: APR 21 | APR 22

ISSUE DATE: 04/07/04 14:22

THURSDAY
APRIL 22, 2004
113-114

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 14m 28s
CCSL: A051
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 25h 14m 28s
- 0000 RTLT 25h 14m 28s
- 1300 – 1445 DSS-15/25 ARRAY TEST

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

31 DSN COVERAGE

- 25 [D] – 1515 (10)
- 1300 – 15 [D] – 1445 (40)
- 26 [D] 0650 (10)
- 2245 – 65 [D] (60)
- (60)

32 DSN COVERAGE

- 1440 – 45 [D] – 0345 (40)

S/C 32 INITIAL CONDITIONS

RTLT: 20h 13m 2s
CCSL: B123
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AC ON

- 1200 RTLT 20h 12m 58s
- 1601 GYRO INIT
- 0000 RTLT 20h 12m 56s
- 2017 – COMMAND MORATORIUM

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: APR 22 | APR 23

ISSUE DATE: 04/07/04 14:22

FRIDAY
APRIL 23, 2004
114-115

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 14m 28s
CCSL: A051
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 25h 14m 30s
- 0000 RTLT 25h 14m 30s
- 2129 – 2153 TAPPOS
- 0031 – 0032 PWS/RH
- 0239 – 0348 TAPPOS
- 0031 GS-4B 0032

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

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

31 DSN COVERAGE

- 26 [D] – 1510 (10)
- 10
- 40
- 0710 65 [D] (60)
- 2330 – 65 [D] (60)

32 DSN COVERAGE

- 1330 – 43 [D] – 0015 (40)

S/C 32 INITIAL CONDITIONS

RTLT: 20h 12m 56s
CCSL: B123
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AC ON

- 1200 RTLT 20h 12m 52s
- 0000 RTLT 20h 12m 50s
- COMMAND MORATORIUM – 1947
- 1550 STOP GYRO FAULT TEST
- 1600 GYRO A OFF
- 1600 GYROS BC ON
- 1601 GYRO INIT
- 1610 GYRO FAULT TEST

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL

NOTES

(1) S/C 31=GS-4B @ 0031 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: APR 23 | APR 24

ISSUE DATE: 04/07/04 14:22

SATURDAY
APRIL 24, 2004
115-116

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 14m 30s

CCSL: A051

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

1200 RTLT 25h 14m 30s

0000 RTLT 25h 14m 30s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

14 [D] 0735 - 1635
10
40
10
0755 65 [D]
60
2215 65 [D]
60

32 DSN COVERAGE

1605 43 [D] 0015
0000 45 [D] 0335
40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 12m 50s

CCSL: B123

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

1200 RTLT 20h 12m 46s

0000 RTLT 20h 12m 44s

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: APR 24 | APR 25

ISSUE DATE: 04/07/04 14:22

SUNDAY
APRIL 25, 2004
116-117

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 14m 30s

CCSL: A051

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

1200 RTLT 25h 14m 30s

0000 RTLT 25h 14m 32s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

26 [D] 0735 - 0950
0930 14 [D] 1630
10 40

10

0755 65 [D]
60

2245 65 [D]
60

32 DSN COVERAGE

1135 45 [D] 0300
40

S/C 32
INITIAL CONDITIONS

RTLT: 20h 12m 44s

CCSL: B123

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

1200 RTLT 20h 12m 40s

0000 RTLT 20h 12m 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: APR 25 | APR 26

ISSUE DATE: 04/07/04 14:22

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
APRIL 26, 2004
117-118

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 14m 32s

CCSL: A051

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

1200 RTLT 25h 14m 32s

0000 RTLT 25h 14m 32s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

25 [D] 0720 - 1500
10

40

0740 65 [D]
60

32 DSN COVERAGE

1105 43 [D] 2115

S/C 32
INITIAL CONDITIONS

RTLT: 20h 12m 38s

CCSL: B123

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

1200 RTLT 20h 12m 36s

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: APR 26 | APR 27