VOYAGER
Space Flight Operations Schedule (SFOS)

Issue Date: March 2, 2005 For the Period: 03/03/2005 to 03/21/2005 (05-062 – 05-080)

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
* Belinda.Arroyo@jpl.nasa.gov
* Peter.T.Poon@jpl.nasa.gov
* DSN-MPSETA@jjpl.jpl.nasa.gov

SCIENCE (1)

Wong, R. 600-100

CRS *bryant@mail630.gsfc.nasa.gov
LECP *r.decker@jhuapl.edu
UVS *holberg@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.
*odivers@san.rr.com

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
(20 – Dist/N: Paper Copies)
`09/08/04

ISSUE DATE: 03/02/05 15:34

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 3, 2005
062-063

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: 26h 16m 42s

CCSL: A054

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

1200 RTLT 26h 16m 40s

0000 RTLT 26h 16m 36s

S/C 31 STATUS

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -24.869 secs

ROLLREF = RIGIL
KENTAURUS

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0945 — 15 [D] — 1545
10
40
63 [D] — 1015
60
60

32 DSN COVERAGE

0405 - 0755 — 43 [o]
40

S/C 32
INITIAL CONDITIONS

RTLT: 21h 9m 48s

CCSL: B127

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

1200 RTLT 21h 9m 46s

0000 RTLT 21h 9m 44s

COMMAND MORATORIUM 0800 - 1804

S/C 32 STATUS

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -3:54.782 min

ROLLREF = VEGA

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 03 | MAR 04

ISSUE DATE: 03/02/05 15:34

FRIDAY
MARCH 4, 2005
063-064

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: 26h 16m 36s
CCSL: A054
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 26h 16m 34s
0000 RTLT 26h 16m 32s
0024 – 0106 TAPPOS
0326 0327 PWS/RH
TAPPOS 0534 – 0602
0326 GS-4B 0327

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

31 DSN COVERAGE

0920 – 15 [D2] – 1720
10
40
60
0415 – 54 [D]
60

32 DSN COVERAGE

0100 – 45 [D] – 0700
40

S/C 32 INITIAL CONDITIONS

RTLT: 21h 9m 44s
CCSL: B127
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AC ON

1200 RTLT 21h 9m 42s
1515 GYRO INIT
0000 RTLT 21h 9m 40s

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

VGR COVERAGE: **ON CALL**

NOTES

[1] S/C 31=GS-4B @ 0326 XB=2.8K(41) NOT RECOVERABLE
[2] DSS-15 NSP V5.5.2 SOAK

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 04 | MAR 05

ISSUE DATE: 03/02/05 15:34

SATURDAY
MARCH 5, 2005
064-065

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: 26h 16m 32s
CCSL: A054
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 26h 16m 30s

0000 RTLT 26h 16m 28s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0930 — 15 [D] — 1625
10
40
0835 54 [D]
60
60

32 DSN COVERAGE

0155 — 45 [D] — 0515
40

S/C 32 INITIAL CONDITIONS

RTLT: 21h 9m 40s
CCSL: B127
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AC ON

1200 RTLT 21h 9m 38s

0000 RTLT 21h 9m 36s

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: 03/02/05 15:34

SUNDAY
MARCH 6, 2005
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: 26h 16m 28s
CCSL: A054
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 26h 16m 26s
0000 RTLT 26h 16m 24s

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

31 DSN COVERAGE

0930 — 15 [D] — 1900
10
40
60
0025 — 63 [D] — 0435
60

32 DSN COVERAGE

1450 — 45 [D] — 2140
40
0335 - 0735 — 43 [D]

S/C 32 INITIAL CONDITIONS

RTLT: 21h 9m 36s
CCSL: B127
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AC ON

1200 RTLT 21h 9m 34s
0000 RTLT 21h 9m 32s
1514 GYRO INIT
1945 1951 CCSTIM(B)

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 06 | MAR 07

ISSUE DATE: 03/02/05 15:34

MONDAY
MARCH 7, 2005
066-067

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: 26h 16m 24s

CCSL: A054

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

1200 RTLT 26h 16m 22s

0000 RTLT 26h 16m 20s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0945 — 14 [D] — 1545

10

40

60

0430 — 54 [D]

60

32 DSN COVERAGE

40

S/C 32
INITIAL CONDITIONS

RTLT: 21h 9m 32s

CCSL: B127

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

1200 RTLT 21h 9m 30s

0000 RTLT 21h 9m 28s

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: 03/02/05 15:34

TUESDAY
MARCH 8, 2005
067-068

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: 26h 16m 20s
CCSL: A054
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 26h 16m 18s
- 0000 RTLT 26h 16m 16s
- 1600 GYRO INIT
- 1600 GYROS BC ON
- 1610 GYRO FAULT TEST
- 2102 | 2103 PWS/RH
- 2102 GS-4B 2103

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

31 DSN COVERAGE

- 0945 — 25 [D3] — 1600 (10)
- (40)
- 0835 54 [D] (60)
- 0400 — 54 [D] (60)

32 DSN COVERAGE

- 1530 — 43 [B] — 1745
- 2110 — 45 [D] — 0100 (40)

S/C 32 INITIAL CONDITIONS

RTLT: 21h 9m 28s
CCSL: B127
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AC ON

- 1200 RTLT 21h 9m 26s
- 0000 RTLT 21h 9m 24s
- 1600 GYRO INIT
- 2211 — COMMAND MORATORIUM
- 1602 DUMMY (5 MIN BRACKETED 13:12)
- 1951 | 1952 PWS/RH
- 2003 — 2114 TAPPOS
- 2129 — PLSCAL — 2312
- 2129 — MAGCAL — 0032
- 2129 — PESCAL — 0049
- 1951 GS-4B 1952

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 @ 2102 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 32=GS-4B @ 1951 XB=2.8K(41) NOT RECOVERABLE
[3] DSS-25 NSP V5.5.2 SOAK

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: 03/02/05 15:34

WEDNESDAY
MARCH 9, 2005
068-069

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: 26h 16m 16s
CCSL: A054
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 26h 16m 12s
0000 RTLT 26h 16m 10s

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

31 DSN COVERAGE

15 [D] 0830 - 1645
10
10
40
0830 54 [D]
60
60

32 DSN COVERAGE

1815 43 [D] 2000
40
0230 43 [D] 0450

S/C 32 INITIAL CONDITIONS

RTLT: 21h 9m 24s
CCSL: B127
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AC ON

1200 RTLT 21h 9m 22s
0000 RTLT 21h 9m 20s
COMMAND MORATORIUM
1851 BAY 1 HTR OFF
1855 X/B HI POWER
1951 YAW=.05
1959 PLAYBACK 0235
0249 YAW=.10

1959
0235

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

VGR COVERAGE: ON CALL | VGR

NOTES

[1] S/C 32=PB-14 @ 1959 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 09 | MAR 10

ISSUE DATE: 03/02/05 15:34

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 10, 2005
069-070

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: 26h 16m 10s

CCSL: A054

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

1200 RTLT 26h 16m 8s

0000 RTLT 26h 16m 6s

0055 DUMMY (03:11)

U/L 0130 TLC (SHORT-FORM)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

1445 25 [D] 1745

10

10

40

0025 63 [T] 0235

60

0350 - 0720 54 [D]

60

32 DSN COVERAGE

1710 45 [D] 2055

40

S/C 32
INITIAL CONDITIONS

RTLT: 21h 9m 20s

CCSL: B127

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

1200 RTLT 21h 9m 18s

0000 RTLT 21h 9m 16s

COMMAND MORATORIUM

1823 1830 TAPPOS

1834 STOP GYRO FAULT TEST

1839 1841 AACS MRO

1844 GYROS BC ON

1845 GYRO INIT

1854 GYRO FAULT TEST

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: VGR | 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 10 | MAR 11

ISSUE DATE: 03/02/05 15:34

FRIDAY
MARCH 11, 2005
070-071

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: 26h 16m 6s
CCSL: A054
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: BC ON

- 1200 RTLT 26h 16m 4s
- 0000 RTLT 26h 16m 2s
- 0000 – 0042 TAPPOS
- 0302 – 0303 PWS/RH
- 0509 – 0538 TAPPOS
- TLC (SHORT-FORM)
- D/L – 0516
- 0302 GS-4B 0303

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

31 DSN COVERAGE

- 1030 – 15 [D] – 1830
- 10
- 10
- 40
- 0415 – 54 [D]
- 60
- 60

32 DSN COVERAGE

- 2335 – 45 [D] – 0635
- 40

S/C 32 INITIAL CONDITIONS

RTLT: 21h 9m 16s
CCSL: B127
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: BC ON

- 1200 RTLT 21h 9m 14s
- 0000 RTLT 21h 9m 12s
- COMMAND MORATORIUM – 2135

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

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 0302 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 11 | MAR 12

ISSUE DATE: 03/02/05 15:34

SATURDAY
MARCH 12, 2005
071-072

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: 26h 16m 2s
CCSL: A054
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 26h 16m 0s
1700 GYRO INIT
0000 RTLT 26h 15m 58s

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

31 DSN COVERAGE

1130 — 15 [D] — 1830
10
10
40
0815 54 [D]
60
0345 — 54 [D]
60

32 DSN COVERAGE

40

S/C 32 INITIAL CONDITIONS

RTLT: 21h 9m 12s
CCSL: B127
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 21h 9m 8s
0000 RTLT 21h 9m 6s

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 12 | MAR 13

ISSUE DATE: 03/02/05 15:34

SUNDAY
MARCH 13, 2005
072-073

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: 26h 15m 58s
CCSL: A054
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 26h 15m 56s

0000 RTLT 26h 15m 54s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0945 — 26 [D1] — 1445
10
10
40
2355 — 63 [D] — 0230
0815 54 [D]
60
0340 - 0740 — 55 [D]
60

32 DSN COVERAGE

1425 — 45 [D] — 2150
40
0020 — 45 [D] — 0245

S/C 32 INITIAL CONDITIONS

RTLT: 21h 9m 6s
CCSL: B127
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 21h 9m 4s

0000 RTLT 21h 9m 2s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL

NOTES

[1] DSS-26 NSP V5.5.2 SOAK

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: 03/02/05 15:34

MONDAY
MARCH 14, 2005
073-074

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: 26h 15m 54s
CCSL: A054
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 26h 15m 52s

0000 RTLT 26h 15m 50s

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

31 DSN COVERAGE

1135 — 14 [D3] — 1545
10

40

60

14 [T4] 0740
10

0435 - 0745 — 54 [D]
60

32 DSN COVERAGE

1930 — 43 [D] — 2120
40

S/C 32 INITIAL CONDITIONS

RTLT: 21h 9m 2s
CCSL: B127
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 21h 9m 0s

0000 RTLT 21h 8m 56s

2000 ALL DB=.05
2016 AAI
2017 — 2054 ASCAL
2051 RAI
2054 CRU
2102 YAW=.10
2102 ROLL=.25
2104 GYRO FAULT TEST

1945 2057

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 - D/L /SNR VARIATIONS EXPECTED DURING ASCAL (2016-2053)
[2] S/C 32=EL-40 @ 1944 XB=40(30)
[3] DSS-14 NSP V5.5.2 SOAK
[4] DSS-14 NSP V5.5.2 U/L SOAK

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: 03/02/05 15:34

TUESDAY
MARCH 15, 2005
074-075

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: 26h 15m 50s

CCSL: A054

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

1200 RTLT 26h 15m 48s

0000 RTLT 26h 15m 46s

0855 AAI

2038 2039 PWS/RH

0858 MAGROL 1453

1050 DUMMY (13:06)

U/L 1200 TLC (SHORT-FORM)

1446 RAI

1453 GYROS OFF

1453 CRU

2038 GS-4B 2039

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

31 DSN COVERAGE

14 [T4] 1545

10

10

40

60

60

32 DSN COVERAGE

2135 45 [D] 2345 0315 43 [B] 0700

40

S/C 32 INITIAL CONDITIONS

RTLT: 21h 8m 56s

CCSL: B127

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

1200 RTLT 21h 8m 54s

0000 RTLT 21h 8m 52s

1927 1928 PWS/RH

DUMMY (5 MIN BRACKETED 00:51) 0342

1927 GS-4B 1928

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

VGR COVERAGE	VGR	ON CALL	VGR	ON CALL

NOTES

[1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0858-1453)
[2] S/C 31=GS-4B @ 2038 XB=2.8K(41) NOT RECOVERABLE
[3] S/C 32=GS-4B @ 1927 XB=2.8K(41) NOT RECOVERABLE
[4] DSS-14 NSP V5.5.2 U/L SOAK

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: 03/02/05 15:34

WEDNESDAY
MARCH 16, 2005
075-076

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: 26h 15m 46s
CCSL: A054
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 26h 15m 44s

0000 RTLT 26h 15m 42s

TLC (SHORT-FORM) D/L 1545

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [D] 0810 - 1545

10 10

40

60 60

32 DSN COVERAGE

40

S/C 32 INITIAL CONDITIONS

RTLT: 21h 8m 52s
CCSL: B127
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 21h 8m 50s

0000 RTLT 21h 8m 46s

COMMAND MORATORIUM 0514

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 16 | MAR 17

ISSUE DATE: 03/02/05 15:34

THURSDAY
MARCH 17, 2005
076-077

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: 26h 15m 42s
CCSL: A054
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 26h 15m 40s
0000 RTLT 26h 15m 38s

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

31 DSN COVERAGE

15 [D] 0810 - 1545
10
10
40
60
60

32 DSN COVERAGE

1630 43 [D] 0220
40

S/C 32 INITIAL CONDITIONS

RTLT: 21h 8m 46s
CCSL: B127
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 21h 8m 44s
0000 RTLT 21h 8m 42s
COMMAND MORATORIUM
1954 AAI
1957 MAGROL 0153
0145 RAI
0153 GYROS OFF
0153 CRU
0202 0204 AACS MRO

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 (1957-0152)

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: 03/02/05 15:34

FRIDAY
MARCH 18, 2005
077-078

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: 26h 15m 38s
CCSL: A054
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 26h 15m 36s
- 0000 RTLT 26h 15m 34s
- 2336 – 0018 TAPPOS
- 0238 – 0239 PWS/RH
- 0445 – 0513 TAPPOS
- 0238 GS-4B 0239

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

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

31 DSN COVERAGE

- 1030 – 15 [D] – 1810
- 10
- 10
- 40
- 60
- 0320 - 0750 – 54 [D]
- 60

32 DSN COVERAGE

- 1410 – 43 [D] – 2115
- 40

S/C 32 INITIAL CONDITIONS

RTLT: 21h 8m 42s
CCSL: B127
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 21h 8m 38s
- 0000 RTLT 21h 8m 36s
- COMMAND MORATORIUM – 0444
- 1636 CCS MEM U/D - FIX CCSTIM
- 1638 – 1704 CCS MRO

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL | VGR | ON CALL

NOTES

[1] S/C 31=GS-4B @ 0238 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 18 | MAR 19

ISSUE DATE: 03/02/05 15:34

SATURDAY
MARCH 19, 2005
078-079

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: 26h 15m 34s
CCSL: A054
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 26h 15m 32s

0000 RTLT 26h 15m 30s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [D] 0815 - 1615 (10)

(40)

14 [D] 0705 (10)

(60)

0315 - 0725 54 [D] (60)

32 DSN COVERAGE

1315 43 [D] 1815 (40)

0245 43 [D] 0645

S/C 32 INITIAL CONDITIONS

RTLT: 21h 8m 36s
CCSL: B127
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 21h 8m 34s

0000 RTLT 21h 8m 30s

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 19 | MAR 20

ISSUE DATE: 03/02/05 15:34

SUNDAY
MARCH 20, 2005
079-080

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: 26h 15m 30s
CCSL: A054
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 26h 15m 28s

0000 RTLT 26h 15m 26s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

14 [D] 0935
0855 25 [D] 1705
10 40 10
60 60

32 DSN COVERAGE

1315 43 [D] 1630
40
0245 45 [D] 0530

S/C 32 INITIAL CONDITIONS

RTLT: 21h 8m 30s
CCSL: B127
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 21h 8m 28s

0000 RTLT 21h 8m 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 20 | MAR 21

ISSUE DATE: 03/02/05 15:34

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

MONDAY
MARCH 21, 2005
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

1200 RTLT 26h 15m 24s

RTLT: 26h 15m 26s

CCSL: A054

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

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0900 — 25 [D] — 1515
1150 — 14 — 1545
10
40
60

32 DSN COVERAGE

1310 — 43 [D] — 2015

S/C 32
INITIAL CONDITIONS

1200 RTLT 21h 8m 22s

RTLT: 21h 8m 26s

CCSL: B127

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

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