VOYAGER
Space Flight Operations Schedule (SFOS)

Issue Date: June 1, 2005

For the Period: 06/02/2005 to 06/20/2005 (05-153 – 05-171)

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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
(20 – Dist/N: Paper Copies)
05/13/05

ISSUE DATE: 06/02/05 20:49

THURSDAY
JUNE 2, 2005
153-154

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: 26h 17m 32s
CCSL: A055
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: ON

1200 RTLT 26h 17m 36s

0000 RTLT 26h 17m 42s

TLC (SHORT-FORM) — D/L — 0245

S/C 31 STATUS

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -25.204 secs

ROLLREF = RIGIL KENTAURUS

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [D] 1310 (10)
(40)
0410 25 [D] (10)
2215 54 [D] 0245 (60)

32 DSN COVERAGE

0835 43 [B] 1845 (40)

S/C 32 INITIAL CONDITIONS

RTLT: 21h 2m 42s
CCSL: B128
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 21h 2m 42s

0000 RTLT 21h 2m 42s

1726 COMMAND MORATORIUM

S/C 32 STATUS

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -4:06.595 min

ROLLREF = VEGA

1627 DUMMY (5 MIN BRACKETED 13:30)

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: JUN 02 | JUN 03

ISSUE DATE: 06/02/05 20:49

FRIDAY
JUNE 3, 2005
154-155

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: 26h 17m 42s
CCSL: A055
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: ON

- 1200 RTLT 26h 17m 46s
- 0000 RTLT 26h 17m 50s
- 1913 – 1940 TAPPOS
- 2215 2216 PWS/RH
- 0022 – 0036 TAPPOS
- GYRO INIT 0601
- 2215 GS-4B 2216

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

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

31 DSN COVERAGE

- 25 [D] – 1205
- 10
- 40
- 60
- 0355 – 26 [D]
- 10

32 DSN COVERAGE

- 1050 – 45 [D] – 1810
- 40

S/C 32 INITIAL CONDITIONS

RTLT: 21h 2m 42s
CCSL: B128
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 21h 2m 42s
- 0000 RTLT 21h 2m 42s
- COMMAND MORATORIUM
- 1359 GYROS AC ON
- 1359 GYRO INIT
- 1409 GYRO FAULT TEST

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL | VGR | ON CALL

NOTES

[1] S/C 31=GS-4B @ 2215 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: JUN 03 | JUN 04

ISSUE DATE: 06/02/05 20:49

SATURDAY
JUNE 4, 2005
155-156

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: 26h 17m 50s

CCSL: A055

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

1200 RTLT 26h 17m 56s

0000 RTLT 26h 18m 0s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

26 [D] 1215

10

10

40

60

32 DSN COVERAGE

0810 43 [D] 1730

40

S/C 32
INITIAL CONDITIONS

RTLT: 21h 2m 42s

CCSL: B128

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

1200 RTLT 21h 2m 42s

0000 RTLT 21h 2m 42s

COMMAND MORATORIUM 1656

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: JUN 04 | JUN 05

ISSUE DATE: 06/02/05 20:49

SUNDAY
JUNE 5, 2005
156-157

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: 26h 18m 0s
CCSL: A055
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: ON

- 1200 RTLT 26h 18m 6s
- 0000 RTLT 26h 18m 10s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

- 0930 — 15 [D] — 1300 (10)
- 0930 — 1300 (40)
- 0245 — 15 [D] (10)
- 2210 — 54 [D] — 0000 (60)

32 DSN COVERAGE

- 0850 — 45 [D] — 1330
- 1325 — 43 [o] — 1840 (40)

S/C 32 INITIAL CONDITIONS

RTLT: 21h 2m 42s
CCSL: B128
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: ON

- 1200 RTLT 21h 2m 42s
- 1359 GYRO INIT
- 0000 RTLT 21h 2m 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: JUN 05 | JUN 06

ISSUE DATE: 06/02/05 20:49

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
JUNE 6, 2005
157-158

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: 26h 18m 10s

CCSL: A055

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

1200 RTLT 26h 18m 16s

0000 RTLT 26h 18m 22s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [D] 1055 — 10

40

0530 26 [D] — 10

2220 63 [D] 0545 — 60

32 DSN COVERAGE

0845 *45 [D]* *1315* — 40

S/C 32
INITIAL CONDITIONS

RTLT: 21h 2m 42s

CCSL: B128

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

1200 RTLT 21h 2m 44s

0000 RTLT 21h 2m 44s

2027 DUMMY (CANCELLED)

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: JUN 06 | JUN 07

ISSUE DATE: 06/02/05 20:49

TUESDAY
JUNE 7, 2005
158-159

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: 26h 18m 22s
CCSL: A055
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: ON

- 1200 RTLT 26h 18m 26s
- 1551 | 1552 PWS/RH
- 2111 BAY 1 HTR OFF
- 2115 X/B HI POWER
- 2115 ALL DB TO .05
- 2135 – 2211 ASCAL 1
- 2225 +1 P BIAS STEP
- 2235 – 2311 ASCAL 2
- 2325 +2 P BIAS STEPS
- 2335 – 0011 ASCAL 3
- 0025 +3 P BIAS STEPS
- 0035 – 0111 ASCAL 4
- 0000 RTLT 26h 18m 32s
- 0125 +4 P BIAS STEPS
- 0135 – 0211 ASCAL 5
- 0225 +5 P BIAS STEPS
- 0235 – 0311 ASCAL 6
- 0313 GYROS OFF
- 0325 HPOINT SS BIAS
- 0345 X/B LOW PWR
- 0349 BAY 1 HTR ON
- 0411 YAW=.10
- 0411 ROLL=.25
- 1551 GS-4B 1552
- 2120
- 0406

FDS MODE	CR-5T	CR-5T	EL-40	CR-5T
XB DATA RATE(MI)	160(32)	160(32)	40(30)	160(32)

31 DSN COVERAGE

- 26 [D] 1145 (10)
- (40)
- 2035 63 [D] 0545 (60)
- 0545 26 [D] (10)

32 DSN COVERAGE

- 0840 45 [D] 1545
- 1540 34 [D] 2255 (40)

S/C 32 INITIAL CONDITIONS

RTLT: 21h 2m 44s
CCSL: B128
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: ON

- 1200 RTLT 21h 2m 44s
- 0000 RTLT 21h 2m 44s
- 1359 GYRO INIT
- 1436 | 1437 PWS/RH
- 1436 GS-4B 1437

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 @ 1551 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=EL-40 @ 2120 XB=40(30)
[3] S/C 32=GS-4B @ 1436 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: JUN 07 | JUN 08

ISSUE DATE: 06/02/05 20:49

WEDNESDAY
JUNE 8, 2005
159-160

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: 26h 18m 32s

CCSL: A055

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

1200 RTLT 26h 18m 38s

0000 RTLT 26h 18m 42s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

26 [D] 1145
10
40

0235 15 [D]
10

2130 63 [D] 0045
60

32 DSN COVERAGE

1645 34 [D] 2105
40

S/C 32
INITIAL CONDITIONS

RTLT: 21h 2m 44s

CCSL: B128

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

1200 RTLT 21h 2m 44s

0000 RTLT 21h 2m 46s

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: JUN 08 | JUN 09

ISSUE DATE: 06/02/05 20:49

THURSDAY
JUNE 9, 2005
160-161

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: 26h 18m 42s
CCSL: A055
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 26h 18m 48s
0000 RTLT 26h 18m 54s

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

31 DSN COVERAGE

0725 15 [D] — 10
40
2150 55 [D] 2345
2330 54 [D] 0230 — 60
0330 25 [D] — 10

32 DSN COVERAGE

1825 43 [D] 2220 — 40

S/C 32 INITIAL CONDITIONS

RTLT: 21h 2m 46s
CCSL: B128
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: ON

1200 RTLT 21h 2m 46s
0000 RTLT 21h 2m 46s
1632 COMMAND MORATORIUM
1359 GYRO INIT

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: JUN 09 | JUN 10

ISSUE DATE: 06/02/05 20:49

FRIDAY
JUNE 10, 2005
161-162

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: 26h 18m 54s
CCSL: A055
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 26h 19m 0s
- 0000 RTLT 26h 19m 6s
- 1849 | 1850 TAPPOS
- 2030 DUMMY (22:49)
- 2152 | 2153 PWS/RH
- U/L 2220 — TLC (SHORT-FORM)
- 2359 | 0013 TAPPOS
- 2152 GS-4B 2153

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

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

31 DSN COVERAGE

- 25 [D] — 1135 (10)
- 0140 — 14 [D] — 0500
- 0445 — 26 [D] (10)
- (40)
- 1825 — 63 [T] — 2335
- 2315 — 54 [D] — 0215 (60)

32 DSN COVERAGE

- 0830 — 45 [D] — 1510
- 1545 — 34 [o] — 2335 (40)

S/C 32 INITIAL CONDITIONS

RTLT: 21h 2m 46s
CCSL: B128
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: ON

- 1200 RTLT 21h 2m 48s
- 0000 RTLT 21h 2m 48s
- COMMAND MORATORIUM — 1602
- 1245 STOP GYRO FAULT TEST
- 1250 | 1252 AACS MRO
- 1305 GYROS BC ON
- 1306 GYRO INIT
- 1315 GYRO FAULT TEST
- 1405 | 1411 CCSTIM(B)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

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

NOTES

[1] S/C 31=GS-4B @ 2152 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: JUN 10 | JUN 11

ISSUE DATE: 06/02/05 20:49

SATURDAY
JUNE 11, 2005
162-163

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: 26h 19m 6s
CCSL: A055
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 26h 19m 10s
0000 RTLT 26h 19m 16s
TLC (SHORT-FORM)
D/L
0207

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

31 DSN COVERAGE

26 [D] 1135
10
10
40
2145 54 [D] 0210
60

32 DSN COVERAGE

1110 45 [D] 0025
40

S/C 32 INITIAL CONDITIONS

RTLT: 21h 2m 48s
CCSL: B128
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 21h 2m 48s
0000 RTLT 21h 2m 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: JUN 11 | JUN 12

ISSUE DATE: 06/02/05 20:49

SUNDAY
JUNE 12, 2005
163-164

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: 26h 19m 16s
CCSL: A055
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 26h 19m 22s

0000 RTLT 26h 19m 28s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0850 — 15 [D] — 1235
10
40
0225 — 15 [D]
10
2135 — 55 [D] — 0215
60

32 DSN COVERAGE

0830 — 45 [D] — 1340
1435 — 43 [o] — 1845
40

S/C 32 INITIAL CONDITIONS

RTLT: 21h 2m 50s
CCSL: B128
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 21h 2m 50s

0000 RTLT 21h 2m 52s

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: JUN 12 | JUN 13

ISSUE DATE: 06/02/05 20:49

MONDAY
JUNE 13, 2005
164-165

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: 26h 19m 28s
CCSL: A055
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 26h 19m 34s

0000 RTLT 26h 19m 40s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [D] 1225 (10)

0215 15 [D] (10)

(40)

2015 63 [D] 0000 (60)

32 DSN COVERAGE

0930 45 [D] 1315 (40)

1615 43 [B] 2145

S/C 32 INITIAL CONDITIONS

RTLT: 21h 2m 52s
CCSL: B128
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 21h 2m 52s

0000 RTLT 21h 2m 54s

2032 DUMMY (5 MIN BRACKETED 17:35)

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: JUN 13 | JUN 14

ISSUE DATE: 06/02/05 20:49

TUESDAY
JUNE 14, 2005
165-166

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: 26h 19m 40s
CCSL: A055
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 26h 19m 46s
0000 RTLT 26h 19m 52s
1528 | 1529 PWS/RH
1528 GS-4B 1529

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

31 DSN COVERAGE

15 [D] 1220 (10)
(40)
(60)
0315 25 [D] (10)

32 DSN COVERAGE

0830 43 [D] 1055
1600 45 [D] 0020 (40)

S/C 32 INITIAL CONDITIONS

RTLT: 21h 2m 54s
CCSL: B128
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 21h 2m 54s
0000 RTLT 21h 2m 56s
1405 GYRO INIT
1412 | 1413 PWS/RH
1412 GS-4B 1413

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 @ 1528 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 32=GS-4B @ 1412 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: JUN 14 | JUN 15

ISSUE DATE: 06/02/05 20:49

WEDNESDAY
JUNE 15, 2005
166-167

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: 26h 19m 52s

CCSL: A055

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

1200 RTLT 26h 19m 58s

0000 RTLT 26h 20m 6s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

25 [D] 1115 — 10

40

60

0330 — 15 [D] — 10

32 DSN COVERAGE

1230 — 34 [D] — 1620

1605 — 45 [D] — 2145

40

S/C 32
INITIAL CONDITIONS

RTLT: 21h 2m 56s

CCSL: B128

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

1200 RTLT 21h 2m 58s

0000 RTLT 21h 2m 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: JUN 15 | JUN 16

ISSUE DATE: 06/02/05 20:49

THURSDAY
JUNE 16, 2005
167-168

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: 26h 20m 6s

CCSL: A055

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

1200 RTLT 26h 20m 12s

0000 RTLT 26h 20m 18s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [D] 1215 (10)

0300 25 [D] (10)

(40)

2155 54 [D] 0155 (60)

32 DSN COVERAGE

0800 45 [D] 1310

1345 34 [D] 1800 (40)

S/C 32
INITIAL CONDITIONS

RTLT: 21h 2m 58s

CCSL: B128

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

1200 RTLT 21h 3m 0s

0000 RTLT 21h 3m 2s

2341 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: JUN 16 | JUN 17

ISSUE DATE: 06/02/05 20:49

FRIDAY
JUNE 17, 2005
168-169

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: 26h 20m 18s
CCSL: A055
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 26h 20m 24s
- 0000 RTLT 26h 20m 30s
- 1826 – 1854 TAPPOS
- 2045 DUMMY (23:06)
- 2127 | 2128 PWS/RH
- 2336 – 2350 TAPPOS
- U/L 0500 – TLC (SHORT-FORM)
- 2128 GS-4B 2129

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

31 DSN COVERAGE

- 25 [D] – 1110 (10)
- (40)
- 0400 – 14 [T] – 25 [D] 0700 (10)
- 1810 – 63 – 2325 (60)

32 DSN COVERAGE

- 1135 – 43 [D] – 2030 (40)

S/C 32 INITIAL CONDITIONS

RTLT: 21h 3m 2s
CCSL: B128
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: BC ON

- 1200 RTLT 21h 3m 2s
- 0000 RTLT 21h 3m 4s
- COMMAND MORATORIUM
- 1415 AAI
- 2007 RAI
- 1418 – MAGROL – 2014
- 2014 GYROS OFF
- 2014 CRU
- 2024 ‖ 2025 AACS 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 @ 2128 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 32 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (1418-2013)

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: JUN 17 | JUN 18

ISSUE DATE: 06/02/05 20:49

SATURDAY
JUNE 18, 2005
169-170

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: 26h 20m 30s
CCSL: A055
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 26h 20m 38s
- 0000 RTLT 26h 20m 44s
- TLC (SHORT-FORM)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

- 0715 14 [T]
- 25 [D] — 10 — 0700 - 1105
- 40
- 2245 — 54 [D] — 0045 — 60
- 0315 — 25 [D] — 10

32 DSN COVERAGE

- 0915 — 45 [D] — 0005 — 40

S/C 32 INITIAL CONDITIONS

RTLT: 21h 3m 4s
CCSL: B128
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 21h 3m 6s
- 0000 RTLT 21h 3m 8s
- COMMAND MORATORIUM — 2311

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: JUN 18 | JUN 19

ISSUE DATE: 06/02/05 20:49

SUNDAY
JUNE 19, 2005
170-171

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: 26h 20m 44s

CCSL: A055

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

1200 RTLT 26h 20m 50s

0000 RTLT 26h 20m 58s

TLC (SHORT-FORM)
D/L 0848

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

25 [D] 1100
10

40

0310 25 [D]
10

2330 55 [D] 0145
60

32 DSN COVERAGE

0920 45 [D] 1255
1225 34 [D] 1930
40

S/C 32
INITIAL CONDITIONS

RTLT: 21h 3m 8s

CCSL: B128

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

1200 RTLT 21h 3m 10s

0000 RTLT 21h 3m 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: JUN 19 | JUN 20

ISSUE DATE: 06/02/05 20:49

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
JUNE 20, 2005
171-172

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: 26h 20m 58s

CCSL: A055

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

1200 RTLT 26h 21m 4s

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

31 DSN COVERAGE

25 [D] 1110
10
40
2110 55 [D] 2315

32 DSN COVERAGE

1215 43 [D] 2145

S/C 32
INITIAL CONDITIONS

RTLT: 21h 3m 10s

CCSL: B128

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

1200 RTLT 21h 3m 12s

1614 1634 AACS MRO
1634 1645 CCS MRO
1645 1658 CCS MRO

1559 EH-12 1658

FDS MODE: CR-5T | EH-12 | CR-5T
XB DATA RATE(MI): 160(32) | | 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: JUN 20 | JUN 21