VOYAGER
Space Flight Operations Schedule (SFOS)

Issue Date: June 3, 2015

For the Period: 06/04/15 to 06/22/15 (15-155 – 15-173)

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

*Electronic Copy Only
(16 – Dist/N: Paper Copies)
09/08/10

ISSUE DATE: 06/05/15 10:57

THURSDAY
JUNE 4, 2015
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: 36h 13m 48s
CCSL: A095
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 36h 13m 54s
0000 RTLT 36h 13m 58s
1712 – 1809 TAPPOS
2013 2014 PWS/RH
2025 – 2136 TAPPOS
TLC (SHORT-FORM)
2013 GS-4B 2015

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

31 DSN COVERAGE

14 [D] – 0930
10
40
0435 - 0630 – 24 [DA]
0435 - 0630 – 25 [DAR]
10
2120 – 55 [DAR] – 2320
2120 – 54 [DA] – 2320
60

32 DSN COVERAGE

1210 – 34 [D] – 1840
40

S/C 32 INITIAL CONDITIONS

RTLT: 29h 48m 8s
CCSL: B168
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 29h 48m 8s
0000 RTLT 29h 48m 8s
COMMAND MORATORIUM

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

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 2013 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 04 | JUN 05

ISSUE DATE: 06/05/15 10:57

FRIDAY
JUNE 5, 2015
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: 36h 13m 58s
CCSL: A095
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 36h 14m 2s
0000 RTLT 36h 14m 8s
TLC (SHORT-FORM) D/L 1132
2023 GYRO INIT

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

31 DSN COVERAGE

0915 14 [D] 1315
10
40
60
0425 14 [D] 0600
0540 [DA]
24 [DAR] 0540
10

32 DSN COVERAGE

1205 35 [D] 2135
40

S/C 32 INITIAL CONDITIONS

RTLT: 29h 48m 8s
CCSL: B168
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 29h 48m 8s
0000 RTLT 29h 48m 10s
COMMAND MORATORIUM
1700 GYROS AC ON
1700 GYRO INIT
1709 GYRO FAULT TEST

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 05 | JUN 06

ISSUE DATE: 06/05/15 10:57

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
JUNE 6, 2015
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: 36h 14m 8s

CCSL: A095

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

1200 RTLT 36h 14m 12s

0000 RTLT 36h 14m 16s

2012 2123 TAPPOS

2314 2315 PWS/RH

2326 TAPPOS 0050

2314 GS-4B 2315

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

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

31 DSN COVERAGE

[DA] 0915
24 [DAR] 0915
10
40
1840 63 [D] 2110
60
0515 15 [DA]
0515 24 [DAR]
10

32 DSN COVERAGE

1200 34 [o] 1620
40

S/C 32
INITIAL CONDITIONS

RTLT: 29h 48m 10s

CCSL: B168

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

1200 RTLT 29h 48m 10s

0000 RTLT 29h 48m 10s

COMMAND MORATORIUM

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 2314 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 06 | JUN 07

ISSUE DATE: 06/05/15 10:57

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
JUNE 7, 2015
158-159

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: 36h 14m 16s

CCSL: A095

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

1200 RTLT 36h 14m 22s

0000 RTLT 36h 14m 26s

2023 GYRO INIT

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [DA] 0950
24 [DAR] 0950
10
40
60
25 [DA] 0515 - 0620
0515 24 [DAR]
15 [DA] 0610
10

32 DSN COVERAGE

1200 34 [D] 2120
2110 45 [D] 2210
40

S/C 32
INITIAL CONDITIONS

RTLT: 29h 48m 10s

CCSL: B168

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

1200 RTLT 29h 48m 10s

0000 RTLT 29h 48m 10s

1700 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 07 | JUN 08

ISSUE DATE: 06/05/15 10:57

MONDAY
JUNE 8, 2015
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: 36h 14m 26s

CCSL: A095

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

1200 RTLT 36h 14m 32s

0000 RTLT 36h 14m 36s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

24 [DAR] 1100
15 [DA] 1100
10
40
1835 63 [D] 2105
60
0335 15 [DA]
0335 25 [DAR]
10

32 DSN COVERAGE

0805 43 [o] 1145
1215 45 [D] 1730
40

S/C 32
INITIAL CONDITIONS

RTLT: 29h 48m 10s

CCSL: B168

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

1200 RTLT 29h 48m 12s

0000 RTLT 29h 48m 12s

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: 06/05/15 10:57

TUESDAY
JUNE 9, 2015
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: 36h 14m 36s
CCSL: A095
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 36h 14m 42s
0000 RTLT 36h 14m 48s
U/L 0655
BAY 1 HTR OFF 0608
X/B HI POWER 0612
1337 | 1338 PWS/RH
2023 GYRO INIT
DUMMY (18:45) 0630
1337 GS-4B 1338

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

31 DSN COVERAGE

15 [DA] 1035
25 [DAR] 1035
10
40
60
0305 14 [T]
10

32 DSN COVERAGE

1150 34 [D] 1940
40

S/C 32 INITIAL CONDITIONS

RTLT: 29h 48m 12s
CCSL: B168
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AC ON

1200 RTLT 29h 48m 12s
0000 RTLT 29h 48m 14s
1700 GYRO INIT

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

VGR COVERAGE: ON CALL | VGR

NOTES

[1] S/C 31=GS-4B @ 1337 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 09 | JUN 10

ISSUE DATE: 06/05/15 10:57

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
JUNE 10, 2015
161-162

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: 36h 14m 48s
CCSL: A095
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: BC ON

- 1200 RTLT 36h 14m 52s
- 0000 RTLT 36h 14m 58s
- D/L — TLC [SHORT-FORM]
- 0724 ALL DB=.05
- 0740 AAI
- 0740 - 0817 ASCAL
- 0815 RAI
- 0817 CRU
- 0826 ROLL=.25
- 0841 GYROS OFF
- 0847 X/B LOW POWER
- 0851 BAY 1 HTR ON
- 0708
- 0820

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

31 DSN COVERAGE

- 14 [T] — 1005 (10)
- (40)
- (60)
- 15 [DAR] 0550 — 0550 25 [DA] (10)

32 DSN COVERAGE

- 0925 — 43 [B] — 1140
- 1240 — 45 [D] — 1745 (40)

S/C 32 INITIAL CONDITIONS

RTLT: 29h 48m 14s
CCSL: B168
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AC ON

- 1200 RTLT 29h 48m 14s
- 0000 RTLT 29h 48m 14s
- *1002 DUMMY (5 MIN BRACKETED 15:51)*

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

VGR COVERAGE: VGR | ON CALL

NOTES

[1] S/C 31=D/L AGC/SNR VARIATIONS EXPECTED DURING ASCAL (0740-0817)
[2] S/C 31=EL-40 @ 0708 XB=40(30)
[3] S/C 31=CR-5T @ 0820 XB=160(32)

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: 06/05/15 10:57

THURSDAY
JUNE 11, 2015
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: 36h 14m 58s
CCSL: A095
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05.100.255
GYROS: OFF

1200 RTLT 36h 15m 4s
TLC [SHORT-FORM]
D/L 2039
0000 RTLT 36h 15m 8s
1648 1759 TAPPOS
1951 1952 PWS/RH
2002 TAPPOS 2126
1950 GS-4B 1952

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

31 DSN COVERAGE

15 [DAR] 1115
25 [DA] 1115
10
40
1820 63 [D] 2050
60
0310 15 [DA]
0310 25 [DAR]
10

32 DSN COVERAGE

1445 34 [D] 1910
0755 43 [D] 0935
1950 45 [D] 2145
40

S/C 32 INITIAL CONDITIONS

RTLT: 29h 48m 14s
CCSL: B168
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AC ON

1200 RTLT 29h 48m 16s
0000 RTLT 29h 48m 16s
1700 GYRO INIT

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: JUN 11 | JUN 12

ISSUE DATE: 06/05/15 10:57

FRIDAY
JUNE 12, 2015
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: 36h 15m 8s

CCSL: A095

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05.100.255
GYROS: OFF

1200 RTLT 36h 15m 14s

0000 RTLT 36h 15m 20s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [DA] 1020
25 [DAR] 1020
10

40

1835 63 [D] 2045
60

0335 24 [DA]
0335 25 [DAR]
10

32 DSN COVERAGE

1140 45 [D] 2045
40

2310 43 [B] 0040

S/C 32
INITIAL CONDITIONS

RTLT: 29h 48m 16s

CCSL: B168

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

1200 RTLT 29h 48m 18s

0000 RTLT 29h 48m 18s

1234 GYRO SWAP BC ON
1234 GYRO INIT
1244 GYRO FAULT TEST
1334 CCSTIM

0002 DUMMY (5 MIN BRACKETED 05:51)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL | VGR | 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: JUN 12 | JUN 13

ISSUE DATE: 06/05/15 10:57

SATURDAY
JUNE 13, 2015
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: 36h 15m 20s
CCSL: A095
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05.100.255
GYROS: OFF

1200 RTLT 36h 15m 26s
0000 RTLT 36h 15m 30s
1949 TAPPOS 2113
2250 2252 PWS/RH
2302 TAPPOS 0041
2250 GS-4B 2252

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

31 DSN COVERAGE

24 [DA] 1045
25 [DAR] 1045
10
40
0020 65 [DAR] 0145
0020 54 [DA] 0145
60
0305 25 [DA]
0305 26 [DAR]
10

32 DSN COVERAGE

1130 34 [o] 2135
40

S/C 32 INITIAL CONDITIONS

RTLT: 29h 48m 18s
CCSL: B168
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 29h 48m 20s
0000 RTLT 29h 48m 20s

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

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 2250 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 13 | JUN 14

ISSUE DATE: 06/05/15 10:57

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
JUNE 14, 2015
165-166

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: 36h 15m 30s

CCSL: A095

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05.100.255
GYROS: OFF

1200 RTLT 36h 15m 36s

0000 RTLT 36h 15m 42s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

25 [DA] 1155
26 [DAR] 1155
10
40
60
10
0520 24 [DA]
0520 26 [DAR]

32 DSN COVERAGE

1130 34 [D] 2130
40

S/C 32
INITIAL CONDITIONS

RTLT: 29h 48m 20s

CCSL: B168

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

1200 RTLT 29h 48m 22s

0000 RTLT 29h 48m 22s

COMMAND MORATORIUM

1334 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 14 | JUN 15

ISSUE DATE: 06/05/15 10:57

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 15, 2015
166-167

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: 36h 15m 42s

CCSL: A095

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05.100.255
GYROS: OFF

1200 RTLT 36h 15m 48s

0000 RTLT 36h 15m 54s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

24 [DA] 1150
26 [DAR] 1150
10

40

2010 65 [DA] 0105
2010 55 [DAR] 0105
60

0330 24 [DAR]
0330 25 [DA]
10

32 DSN COVERAGE

1125 35 [D] 1245
1225 45 [D] 1930
40

S/C 32
INITIAL CONDITIONS

RTLT: 29h 48m 22s

CCSL: B168

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

1200 RTLT 29h 48m 24s

0000 RTLT 29h 48m 26s

COMMAND MORATORIUM

1804 MEMUPD DISA BL MAGROLS - ECR 110285

1806 SID MRO

1826 SID MRO - REDUNDANT

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 15 | JUN 16

ISSUE DATE: 06/05/15 10:57

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

TUESDAY
JUNE 16, 2015
167-168

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: 36h 15m 54s

CCSL: A095

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05.100.255
GYROS: OFF

1200 RTLT 36h 16m 0s

0000 RTLT 36h 16m 6s

1314 | 1315 PWS/RH

1314 GS-4B 1315

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

31 DSN COVERAGE

24 [DAR] 1150
25 [DA] 1150
10
40
0255 24 [DA]
0255 26 [DAR]
10
60

32 DSN COVERAGE

43 [D] 0735 - 1035
1120 35 [D] 1900
40

S/C 32
INITIAL CONDITIONS

RTLT: 29h 48m 26s

CCSL: B168

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

1200 RTLT 29h 48m 26s

0000 RTLT 29h 48m 28s

COMMAND MORATORIUM

0823 BAY 1 HTR OFF
0827 X/B HI POWER
0910 ALL DB=.05
0926 AAI
0927 1004 ASCAL
1334 GYRO INIT
1001 RAI
1004 CRU
1012 YAW=.10
1012 ROLL=.25
1013 GYRO FAULT TEST
0855 1007

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

VGR COVERAGE: VGR | ON CALL

NOTES

[1] S/C 31=GS-4B @ 1314 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 32=D/L /SNR VARIATIONS EXPECTED DURING ASCAL (0927-1004)
[3] S/C 32=EL-40 @ 0855 XB=40(30)

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: 06/05/15 10:57

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
JUNE 17, 2015
168-169

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: 36h 16m 6s

CCSL: A095

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05.100.255
GYROS: OFF

1200 RTLT 36h 16m 12s

0000 RTLT 36h 16m 18s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

24 [DA] 1000
26 [DAR] 1000
0940 14 [D] 1200
10
40
2020 54 [DA] 2235
2020 55 [DAR] 2235
60
0245 14 [D] 0515
0455 25 [DA]
0455 24 [DAR]
10

32 DSN COVERAGE

1115 45 [D] 2000
40

S/C 32
INITIAL CONDITIONS

RTLT: 29h 48m 28s

CCSL: B168

FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05.100.255
GYROS: BC ON

1200 RTLT 29h 48m 30s

0000 RTLT 29h 48m 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: JUN 17 | JUN 18

ISSUE DATE: 06/05/15 10:57

THURSDAY
JUNE 18, 2015
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: 36h 16m 18s
CCSL: A095
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05.100.255
GYROS: OFF

- 1200 RTLT 36h 16m 24s
- 0000 RTLT 36h 16m 30s
- 1625 TAPPOS 1750
- 1927 1928 PWS/RH
- 1939 TAPPOS 2117
- 1945 DUMMY (08:02)
- 1952 CCS CLK RST (08:09)
- 2120 CCSTIM F/C (0937)
- U/L TLC (SHORT-FORM)
- 1927 GS-4B 1928

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

31 DSN COVERAGE

- 25 [DA] 0945
- 24 [DAR] 1135
- 0925 15 [DA] 1135
- 10
- 40
- 1845 63 2340
- 60
- 0330 25 [DA] 0530
- 0330 26 [DAR]
- 0510 15 [DA]
- 10

32 DSN COVERAGE

- 1110 35 [D] 2130
- 40

S/C 32 INITIAL CONDITIONS

RTLT: 29h 48m 32s
CCSL: B168
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05.100.255
GYROS: BC ON

- 1200 RTLT 29h 48m 32s
- 0000 RTLT 29h 48m 34s
- 1334 GYRO INIT

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

VGR COVERAGE: ON CALL | VGR | ON CALL

NOTES

[1] S/C 31=GS-4B @ 1927 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 18 | JUN 19

ISSUE DATE: 06/05/15 10:57

FRIDAY
JUNE 19, 2015
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: 36h 16m 30s

CCSL: A095

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05.100.255
GYROS: OFF

1200 RTLT 36h 16m 38s

0000 RTLT 36h 16m 44s

TLC (SHORT-FORM)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

26 [DAR] 1135
15 [DA] 1135
10
40
60
0350 15 [DA]
0350 26 [DAR]
10

32 DSN COVERAGE

1125 34 [o] 2050
40

S/C 32
INITIAL CONDITIONS

RTLT: 29h 48m 34s

CCSL: B168

FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05.100.255
GYROS: BC ON

1200 RTLT 29h 48m 36s

0000 RTLT 29h 48m 38s

1959 MEMUPD RENA BL MAGROLS - ECR 110285

2002 SID MRO

2022 SID MRO - REDUNDANT

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 19 | JUN 20

ISSUE DATE: 06/05/15 10:57

SATURDAY
JUNE 20, 2015
171-172

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: 36h 16m 44s
CCSL: A095
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05.100.255
GYROS: OFF

- 1200 RTLT 36h 16m 50s
- 0000 RTLT 36h 16m 56s
- 1925 TAPPOS 2104
- 2228 2229 PWS/RH
- 2239 TAPPOS 0031
- TLC (SHORT-FORM) D/L 1130
- 2227 GS-4B 2229

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

31 DSN COVERAGE

- 15 [DA] 1130
- 26 [DAR] 1130
- 10
- 40
- 60
- 0235 25 [DA]
- 0235 26 [DAR]
- 10

32 DSN COVERAGE

- 43 [D] 0730 - 1055
- 1105 34 [o] 2125
- 40

S/C 32 INITIAL CONDITIONS

RTLT: 29h 48m 38s
CCSL: B168
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05.100.255
GYROS: BC ON

- 1200 RTLT 29h 48m 40s
- 0000 RTLT 29h 48m 42s
- 1334 GYRO INIT

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

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 2227 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 20 | JUN 21

ISSUE DATE: 06/05/15 10:57

SUNDAY
JUNE 21, 2015
172-173

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: 36h 16m 56s

CCSL: A095

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05.100.255
GYROS: OFF

1200 RTLT 36h 17m 4s

0000 RTLT 36h 17m 10s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

25 [DA] 1125
26 [DAR] 1125
10

40

1745 63 [D] 2010
60

0240 25 [DA]
0240 26 [DAR]
10

32 DSN COVERAGE

43 [D] 0715 - 0945
1100 34 [D] 2015
40

S/C 32
INITIAL CONDITIONS

RTLT: 29h 48m 42s

CCSL: B168

FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05.100.255
GYROS: BC ON

1200 RTLT 29h 48m 44s

0000 RTLT 29h 48m 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 21 | JUN 22

ISSUE DATE: 06/05/15 10:57

MONDAY
JUNE 22, 2015
173-174

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: 36h 17m 10s

CCSL: A095

FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05.100.255
GYROS: OFF

1200 RTLT 36h 17m 16s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

25 [DA] 1125
26 [DAR] 1125
10
40

32 DSN COVERAGE

1110 34 [o] 1840

S/C 32
INITIAL CONDITIONS

RTLT: 29h 48m 46s

CCSL: B168

FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05.100.255
GYROS: BC ON

1200 RTLT 29h 48m 48s

1334 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 22 | JUN 23