VOYAGER
Space Flight Operations Schedule (SFOS)

Issue Date: May 13, 2015

For the Period: 05/14/15 to 06/08/15 (15-134 – 15-152)

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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: 05/13/15 10:37

THURSDAY
MAY 14, 2015
134-135

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 11m 30s

CCSL: A095

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

1200 RTLT 36h 11m 32s

0000 RTLT 36h 11m 34s

TLC (SHORT-FORM) — D/L — 1849

0701 YAW=.05

PLAYBACK — 0711 - 1329

1339 YAW=.10

1343 X/B LOW POWER

1347 BAY 1 HTR ON

1518 — 1537 TAPPOS

0711

1329

FDS MODE: PB-14 | CR-5T

XB DATA RATE(MI): 1.4K(39) | 160(32)

31 DSN COVERAGE

14 [DA] — 1445

24 [DAR] — 1330

25 [DA] — 1330

10

40

60

60

0445 — 14 [D]

10

32 DSN COVERAGE

1515 — 34 [D] — 2140

40

S/C 32 INITIAL CONDITIONS

RTLT: 29h 48m 40s

CCSL: B167

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

1200 RTLT 29h 48m 38s

0000 RTLT 29h 48m 38s

1707 — 1725 B168 CHKSUM

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=PB-14 @ 0711 XB=1.4K(39)

[2] S/C 31=CR-5T @ 1329 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: MAY 14 | MAY 15

ISSUE DATE: 05/13/15 10:37

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
MAY 15, 2015
135-136

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 11m 34s

CCSL: A095

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

1200 RTLT 36h 11m 36s

0000 RTLT 36h 11m 38s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

14 [D] 0910

10

40

60

0500 - 0630 15 [DA]
0500 - 0630 25 [DAR]

10

2225 55 [DAR] 0030
2225 54 [DA] 0030

60

32 DSN COVERAGE

1325 35 [D] 2345

40

S/C 32
INITIAL CONDITIONS

RTLT: 29h 48m 38s

CCSL: B167

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

1200 RTLT 29h 48m 36s

0000 RTLT 29h 48m 34s

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: MAY 15 | MAY 16

ISSUE DATE: 05/13/15 10:37

SATURDAY
MAY 16, 2015
136-137

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 11m 38s
CCSL: A095
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 36h 11m 42s

0000 RTLT 36h 11m 44s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0800 — 14 [D] — 1200
10
40
60
0340 — 14 [D]
10
60

32 DSN COVERAGE

1345 — 35 [D] — 2145
40

S/C 32 INITIAL CONDITIONS

RTLT: 29h 48m 34s
CCSL: B167
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 29h 48m 34s

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: MAY 16 | MAY 17

ISSUE DATE: 05/13/15 10:37

SUNDAY
MAY 17, 2015
137-138

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 11m 44s

CCSL: A095

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

1200 RTLT 36h 11m 46s

0000 RTLT 36h 11m 48s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

14 [D] 1055
10
10
40
2310 65 [DA] 0320
2310 54 [DAR] 0320
60
60

32 DSN COVERAGE

1435 35 [D] 2145
40

S/C 32
INITIAL CONDITIONS

RTLT: 29h 48m 32s

CCSL: B167

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

1200 RTLT 29h 48m 30s

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

ISSUE DATE: 05/13/15 10:37

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
MAY 18, 2015
138-139

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 11m 48s

CCSL: A095

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

1200 RTLT 36h 11m 52s

0000 RTLT 36h 11m 54s

0119 ENA AHELI2

0120 0122 2 AHELI2 SID MRO'S

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

10

40

60

0445 - 0645 15 [DA]
0445 - 0645 25 [DAR]
10

0100 55 [DAR] 0500
0100 54 [DA] 0500
60

32 DSN COVERAGE

1315 34 [o] 1930
1930 35 [D] 2145
40

S/C 32
INITIAL CONDITIONS

RTLT: 29h 48m 30s

CCSL: B167

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

1200 RTLT 29h 48m 28s

0000 RTLT 29h 48m 26s

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: MAY 18 | MAY 19

ISSUE DATE: 05/13/15 10:37

TUESDAY
MAY 19, 2015
139-140

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 11m 54s
CCSL: A095
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 36h 11m 56s
0000 RTLT 36h 12m 0s
U/L 1140
TLC (LONG-FORM)
1340 DUMMY (01:52)
1448 1448 PWS/RH
1448 GS-4B 1448

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

31 DSN COVERAGE

10
10
1100 43 [T] 1350
40
60
0050 55 [DA] 0455
0050 65 [DAR] 0605
0455 54 [DA] 0605
60

32 DSN COVERAGE

1310 35 [D] 2230
40

S/C 32 INITIAL CONDITIONS

RTLT: 29h 48m 26s
CCSL: B167
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 29h 48m 26s
0000 RTLT 29h 48m 24s

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

VGR COVERAGE: ON CALL | VGR | ON CALL

NOTES

[1] S/C 31=GS-4B @ 1448 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: MAY 19 | MAY 20

ISSUE DATE: 05/13/15 10:37

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
MAY 20, 2015
140-141

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 12m 0s

CCSL: A095

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

1200 RTLT 36h 12m 2s

0000 RTLT 36h 12m 4s

TLC (LONG-FORM)

D/L 0120

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

10

40

0440 - 0700 24 [DA]
0440 - 0700 25 [DAR]
10

2310 65 [DA] 0310
2310 55 [DAR] 0310
60

32 DSN COVERAGE

1315 34 [D] 1850

1930 35 [D] 2130

40

S/C 32
INITIAL CONDITIONS

RTLT: 29h 48m 24s

CCSL: B167

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

1200 RTLT 29h 48m 24s

0000 RTLT 29h 48m 22s

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: MAY 20 | MAY 21

ISSUE DATE: 05/13/15 10:37

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
MAY 21, 2015
141-142

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 12m 4s

CCSL: A095

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

1200 RTLT 36h 12m 8s

0000 RTLT 36h 12m 10s

1759 – 1825 TAPPOS

2102 2102 PWS/RH

2113 – 2125 TAPPOS

2101 GS-4B 2102

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

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

31 DSN COVERAGE

0700 24 [DA]
0700 25 [DAR]
10
40
0055 65 [DAR] 0300
0055 55 [DA] 0300
60
0435 24 [DA]
0435 25 [DAR]
10

32 DSN COVERAGE

0935 43 [H] 1300

1305 34 [D] 2145
40

S/C 32
INITIAL CONDITIONS

RTLT: 29h 48m 22s

CCSL: B167

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

1200 RTLT 29h 48m 20s

0000 RTLT 29h 48m 20s

1041 CCS CLK RST (16:30)

1202 CCSTIM F/C (17:51)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL | VGR | ON CALL

NOTES

[1] S/C 31=GS-4B @ 2101 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: MAY 21 | MAY 22

ISSUE DATE: 05/13/15 10:37

FRIDAY
MAY 22, 2015
142-143

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 12m 10s

CCSL: A095

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

1200 RTLT 36h 12m 14s

0000 RTLT 36h 12m 16s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0750 24 [DA]
0750 25 [DAR]
14 [D] 0730 - 1045
10
40
2140 63 [D] 0005
0045 55 [DA] 0335
0045 54 [DAR] 0335
60
0315 14 [D]
10

32 DSN COVERAGE

1300 35 [D] 2320
40

S/C 32
INITIAL CONDITIONS

RTLT: 29h 48m 20s

CCSL: B167

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

1200 RTLT 29h 48m 20s

0000 RTLT 29h 48m 18s

1630 CCS CLK RST

1752 1759 CCSTIM FINE

1852 1859 CCSTIM COARSE

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: MAY 22 | MAY 23

ISSUE DATE: 05/13/15 10:37

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
MAY 23, 2015
143-144

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 12m 16s

CCSL: A095

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

1200 RTLT 36h 12m 20s

0000 RTLT 36h 12m 24s

2059 2111 TAPPOS

0001 0002 PWS/RH

0013 0014 TAPPOS

0001 GS-4B 0002

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

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

31 DSN COVERAGE

14 [D] 1115
10

40

0310 14 [D] 0600
15 [DA] 0540 - 0700
25 [DAR] 0540 - 0700
10

1940 63 [D] 0000
60

32 DSN COVERAGE

1320 35 [D] 2140

2120 45 [D] 2250
40

S/C 32
INITIAL CONDITIONS

RTLT: 29h 48m 18s

CCSL: B167

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

1200 RTLT 29h 48m 18s

0000 RTLT 29h 48m 16s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 0001 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: MAY 23 | MAY 24

ISSUE DATE: 05/13/15 10:37

SUNDAY
MAY 24, 2015
144-145

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 12m 24s
CCSL: A095
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 36h 12m 26s

0000 RTLT 36h 12m 30s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0700 15 [DA]
0700 25 [DAR]
10
1410 35 [DAR] 1810
1410 34 [DA] 1810
40
2035 63 [D] 0305
60
0305 14 [D] 0515
10

32 DSN COVERAGE

1430 45 [D] 2130
40

S/C 32 INITIAL CONDITIONS

RTLT: 29h 48m 16s
CCSL: B167
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 29h 48m 16s

0000 RTLT 29h 48m 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: MAY 24 | MAY 25

ISSUE DATE: 05/13/15 10:37

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
MAY 25, 2015
145-146

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 12m 30s

CCSL: A095

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

1200 RTLT 36h 12m 34s

0000 RTLT 36h 12m 36s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

10

1105 43 [D] 1315

40

1945 63 [D] 2200

60

0550 15 [DA]

24 [DAR] 0550

10

32 DSN COVERAGE

1250 45 [D] 1725

1715 43 [D] 2050

40

S/C 32
INITIAL CONDITIONS

RTLT: 29h 48m 14s

CCSL: B167

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

0031 BEGIN SEQUENCE B168

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL

NOTES

JPL HOLIDAY!

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: MAY 25 | MAY 26

ISSUE DATE: 05/13/15 10:37

TUESDAY
MAY 26, 2015
146-147

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 12m 36s
CCSL: A095
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 36h 12m 40s
0000 RTLT 36h 12m 44s
1424 1425 PWS/RH
MAGCAL 0640
PESCAL 0639
1424 GS-4B 1425

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

31 DSN COVERAGE

15 [DA] 1035
24 [DAR] 1035
10
40
2000 63 [D] 2145
60
0300 14 [D] 0515
10

32 DSN COVERAGE

1245 45 [D] 1450
1430 34 [D] 2105
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: OFF

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

[1] S/C 31=GS-4B @ 1424 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: MAY 26 | MAY 27

ISSUE DATE: 05/13/15 10:37

WEDNESDAY
MAY 27, 2015
147-148

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 12m 44s

CCSL: A095

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

1200 RTLT 36h 12m 48s

0000 RTLT 36h 12m 52s

MAGCAL 0942

PESCAL 0959

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

10

1155 35 [DAR] 1755

1155 34 [D] 1755

40

60

10

15 [DA] 0655

24 [DAR] 0655

32 DSN COVERAGE

1405 45 [D] 1900

1900 43 [D] 2140

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: OFF

1200 RTLT 29h 48m 12s

0000 RTLT 29h 48m 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: MAY 27 | MAY 28

ISSUE DATE: 05/13/15 10:37

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
MAY 28, 2015
148-149

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 12m 52s

CCSL: A095

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

1200 RTLT 36h 12m 54s

0000 RTLT 36h 12m 58s

1735 1751 TAPPOS

1945 DUMMY (07:58)

U/L 2005 TLC (SHORT-FORM)

2037 2039 PWS/RH

2049 2118 TAPPOS

2037 GS-4B 2039

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

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

31 DSN COVERAGE

15 [DA] 1225
24 [DAR] 1225
10
40
1920 63 [T] 2315
60
0405 24 [DA]
0405 25 [DAR]
10

32 DSN COVERAGE

1200 43 [B] 1425
1405 35 [D] 2135
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: OFF

1200 RTLT 29h 48m 10s

0000 RTLT 29h 48m 10s

1302 DUMMY (5 MIN BRACKETED 18:51)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL | VGR | ON CALL

NOTES

[1] S/C 31=GS-4B @ 2037 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: MAY 28 | MAY 29

ISSUE DATE: 05/13/15 10:37

FRIDAY
MAY 29, 2015
149-150

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 12m 58s

CCSL: A095

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

1200 RTLT 36h 13m 2s

0000 RTLT 36h 13m 6s

TLC (SHORT-FORM)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0805 24 [DA]
0805 25 [DAR]
10
40
60
0405 15 [DA]
0405 24 [DAR]
10

32 DSN COVERAGE

1230 35 [D] 2140
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: OFF

1200 RTLT 29h 48m 10s

0000 RTLT 29h 48m 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: MAY 29 | MAY 30

ISSUE DATE: 05/13/15 10:37

SATURDAY
MAY 30, 2015
150-151

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 6s
CCSL: A095
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 36h 13m 10s
0000 RTLT 36h 13m 14s
TLC (SHORT-FORM)
D/L 0946
2036 2105 TAPPOS
2337 2339 PWS/RH
2349 0032 TAPPOS
2337 GS-4B 2339

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

31 DSN COVERAGE

15 [DA] 1125
24 [DAR] 1125
10
40
60
0245 - 0625 14 [D]
24 [DA] 0605
25 [DAR] 0605
10

32 DSN COVERAGE

0845 43 [D] 1055
1250 34 2245
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: OFF

1200 RTLT 29h 48m 10s
0000 RTLT 29h 48m 8s

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

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 2337 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: MAY 30 | MAY 31

ISSUE DATE: 05/13/15 10:37

SUNDAY
MAY 31, 2015
151-152

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 14s

CCSL: A095

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

1200 RTLT 36h 13m 18s

0000 RTLT 36h 13m 22s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

24 [DA] 1220
25 [DAR] 1220
10
40
1605 43 [D] 1910
1905 63 [D] 0025
60
0445 - 0645 24 [DA]
0445 - 0645 25 [DAR]
10

32 DSN COVERAGE

1225 35 [D] 2015
1955 43 [D] 2310
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

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: MAY 31 | JUN 01

ISSUE DATE: 05/13/15 10:37

MONDAY
JUNE 1, 2015
152-153

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 22s
CCSL: A095
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 36h 13m 26s

2023 GYROS BC ON
2023 GYRO INIT
2033 GYRO FAULT TEST

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

31 DSN COVERAGE

10
40
1900 — 63 [D] — 2240

32 DSN COVERAGE

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

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 01 | JUN 02