VOYAGER
Space Flight Operations Schedule (SFOS)

Issue Date: August 4, 2010 For the Period: 08/05/2010 to 08/23/2010 (10-217 – 10-235)

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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 = 7-Point BLF
D = Downlink only pass
H = High Power Transmitter
R = Array Reference Antenna
T = TLC Uplink
U = Uplink only pass
[o] = Ramp-through

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07/22/10

ISSUE DATE: 08/05/10 18:48

THURSDAY
AUGUST 5, 2010
217-218

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: 31h 32m 52s

CCSL: A076

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

1200 RTLT 31h 33m 2s

0000 RTLT 31h 33m 12s

TLC (SHORT-FORM)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

25 [DA] 0940
26 [DAR] 0940
10

40

1800 63 [D] 0200
60

0400 15 [DAR]
0400 25 [DA]
10

40

32 DSN COVERAGE

1135 34 [o] 1800
1825 43 [D] 2130
40

40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 32m 14s

CCSL: BASELINE

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

1200 RTLT 25h 32m 20s

0000 RTLT 25h 32m 28s

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: AUG 05 | AUG 06

ISSUE DATE: 08/05/10 18:48

FRIDAY
AUGUST 6, 2010
218-219

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: 31h 33m 12s
CCSL: A076
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: AB ON

- 1200 RTLT 31h 33m 24s
- 0000 RTLT 31h 33m 34s
- 0111 BAY 1 HTR OFF
- 0115 X/B HI POWER
- 0133 AAI
- 0136 – MAGROL –
- 1351 – 1405 TAPPOS
- 1653 – 1654 PWS/RH
- 1900 – 1901 TAPPOS
- TLC (SHORT-FORM)
- D/L – 0841
- 1653 GS-4B 1654

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

31 DSN COVERAGE

- 15 [DAR] – 0905
- 25 [DA] – 0905
- 10
- 1055 – 43 [D] – 1450
- 40
- 1430 – 63 [D] – 2030
- 60
- 0045 – 26 [DA]
- 0045 – 25 [DA]
- 0045 – 24 [DAR]
- 10
- 40

32 DSN COVERAGE

- 0945 – 34 [D] – 1645
- 40
- 40

S/C 32 INITIAL CONDITIONS

RTLT: 25h 32m 28s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 25h 32m 36s
- 0000 RTLT 25h 32m 42s

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

VGR COVERAGE: ON CALL | VGR

NOTES

[1] S/C 31=GS-4B @ 1653 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=D/L AGC & SNR VARIATIONS EXPECTED DURING MAGROL (0136-0732)

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: AUG 06 | AUG 07

ISSUE DATE: 08/05/10 18:48

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
AUGUST 7, 2010
219-220

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: 31h 33m 34s

CCSL: A076

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

1200 RTLT 31h 33m 46s

0000 RTLT 31h 33m 56s

0732 MAGROL
0725 RAI
0732 GYROS OFF
0732 CRU
0744 X/B LOW POWER
0748 BAY 1 HTR ON

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

31 DSN COVERAGE

0800 26 [DA]
25 [DA] 0920
24 [DAR] 0920
10
0900 43 [D] 1455
40
2030 63 [D] 0225
60
0530 25 [DAR]
0530 26 [DA]
10
40

32 DSN COVERAGE

1140 34 [o] 1750
40
1940 43 [D] 2220
45 [D] 0615
40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 32m 42s

CCSL: BASELINE

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

1200 RTLT 25h 32m 50s

0000 RTLT 25h 32m 58s

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

VGR COVERAGE: 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: AUG 07 | AUG 08

ISSUE DATE: 08/05/10 18:48

SUNDAY
AUGUST 8, 2010
220-221

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: 31h 33m 56s

CCSL: A076

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

1200 RTLT 31h 34m 8s

0000 RTLT 31h 34m 18s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

25 [DAR] 0930
26 [DA] 0930
10

1120 43 [D] 1415
40

1835 63 [D] 0220
60

0515 15 [DAR]
0515 24 [DA]
10

40

32 DSN COVERAGE

45 [D] 1605
40

40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 32m 58s

CCSL: BASELINE

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

1200 RTLT 25h 33m 6s

0000 RTLT 25h 33m 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: AUG 08 | AUG 09

ISSUE DATE: 08/05/10 18:48

MONDAY
AUGUST 9, 2010
221-222

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: 31h 34m 18s

CCSL: A076

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

1200 RTLT 31h 34m 30s

0000 RTLT 31h 34m 40s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [DAR] 0925
24 [DA] 0925
10

1120 34 [DAR] 1450
1120 45 [DA] 1450
40

2220 63 [D] 0215
60

0515 15 [DAR]
0515 26 [DA]
10
40

32 DSN COVERAGE

1300 43 [H] 2140
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 33m 12s

CCSL: BASELINE

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

1200 RTLT 25h 33m 20s

0000 RTLT 25h 33m 28s

1420 DUMMY (15:53)

1425 CCS DMRO (15:58)

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: AUG 09 | AUG 10

ISSUE DATE: 08/05/10 18:48

TUESDAY
AUGUST 10, 2010
222-223

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: 31h 34m 40s
CCSL: A076
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 31h 34m 52s
0000 RTLT 31h 35m 2s
1030 1030 PWS/RH
1030 GS-4B 1030

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

31 DSN COVERAGE

15 [DAR] 0920
26 [DA] 0920
10
1115 43 [D2] 1445
40
1425 63 [D] 1615
60
2150 55 [DAR] 0125
2150 54 [DA] 0125
10
0440 25 [DAR]
0440 26 [DA]
40

32 DSN COVERAGE

1120 34 [D] 1540
1520 45 [D] 1950
40
40

S/C 32 INITIAL CONDITIONS

RTLT: 25h 33m 28s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 25h 33m 36s
0000 RTLT 25h 33m 44s
1603 1629 CCS DMRO

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

VGR COVERAGE: ON CALL | VGR | ON CALL

NOTES
[1] S/C 31=GS-4B @ 1030 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: AUG 10 | AUG 11

ISSUE DATE: 08/05/10 18:48

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
AUGUST 11, 2010
223-224

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: 31h 35m 2s

CCSL: A076

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

1200 RTLT 31h 35m 14s

0000 RTLT 31h 35m 26s

2150 DUMMY (05:25)

U/L 2340 TLC (SHORT-FORM)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0735 25 [DAR]
0735 26 [DA]
10
43 [D]
40
0715 - 1445
60
2120
63 [T]
0210
10
0345 25 [DAR]
0345 15 [DA]
40

32 DSN COVERAGE

0845
45 [D]
1110
1115
34 [D]
1735
40
2010
43 [D]
2200
40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 33m 44s

CCSL: BASELINE

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

1200 RTLT 25h 33m 52s

0000 RTLT 25h 34m 0s

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: AUG 11 | AUG 12

ISSUE DATE: 08/05/10 18:48

THURSDAY
AUGUST 12, 2010
224-225

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: 31h 35m 26s

CCSL: A076

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

1200 RTLT 31h 35m 36s

0000 RTLT 31h 35m 48s

TLC (SHORT-FORM)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

25 [DAR] 0915
15 [DA] 0915
10

1140 43 [D] 1440
40

2155 63 [D] 0205
60

0435 24 [DAR]
0435 25 [DA]
10

40

32 DSN COVERAGE

1110 34 [D] 1235

1525 43 [D] 2200
40

40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 34m 0s

CCSL: BASELINE

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

1200 RTLT 25h 34m 8s

0000 RTLT 25h 34m 16s

1041 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: AUG 12 | AUG 13

ISSUE DATE: 08/05/10 18:48

FRIDAY
AUGUST 13, 2010
225-226

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: 31h 35m 48s
CCSL: A076
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 31h 36m 0s
0000 RTLT 31h 36m 10s
1328 1342 TAPPOS
1630 1631 PWS/RH
1837 1838 TAPPOS
TLC (SHORT-FORM)
D/L 0813
1630 GS-4B 1631

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

31 DSN COVERAGE

24 [DAR] 0910
25 [DA] 0910
10
40
1930 63 [D] 2220
2200 55 [DAR] 0110
2200 54 [DA] 0110
60
0520 15 [DA]
0520 25 [DAR]
10
40

32 DSN COVERAGE

1045 43 [DAR] 1310
1105 45 [DA] 1810
40
40

S/C 32 INITIAL CONDITIONS

RTLT: 25h 34m 16s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 25h 34m 24s
0000 RTLT 25h 34m 32s
COMMAND MORATORIUM
1137 MEMUPD RESTORE BL TIMING
1142 BAY 1 HTR OFF
1146 X BAND HIGH PWR
1213 1233 AACS MRO
1233 1249 CCS MRO
1249 1302 FDS MRO
1318 X BAND LOW PWR
1322 BAY 1 HTR ON
EH-12 1158
1302 CR-5T

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 @ 1630 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 32=EH-12 XB=1.2K(39) @ 1158
[3] S/C 32=CR-5T XB=160(32) @ 1302

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: AUG 13 | AUG 14

ISSUE DATE: 08/05/10 18:48

SATURDAY
AUGUST 14, 2010
226-227

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: 31h 36m 10s

CCSL: A076

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

1200 RTLT 31h 36m 22s

0000 RTLT 31h 36m 34s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [DA] 0905
25 [DAR] 0905
10
40
2000 63 [D] 0200
60
0520 15 [DA]
0520 26 [DAR]
10
40

32 DSN COVERAGE

1110 45 [D] 1625
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 34m 32s

CCSL: BASELINE

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

COMMAND MORATORIUM 1151

1200 RTLT 25h 34m 40s

0000 RTLT 25h 34m 48s

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: AUG 14 | AUG 15

ISSUE DATE: 08/05/10 18:48

SUNDAY
AUGUST 15, 2010
227-228

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: 31h 36m 34s

CCSL: A076

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

1200 RTLT 31h 36m 44s

0000 RTLT 31h 36m 56s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [DA] 0900
26 [DAR] 0900
10

1000 43 [D] 1415
40

2100 63 [D] 0150
60

0255 24 [DAR]
0255 25 [DA]
10

40

32 DSN COVERAGE

1120 34 [o] 1720
40

40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 34m 48s

CCSL: BASELINE

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

1200 RTLT 25h 34m 56s

0000 RTLT 25h 35m 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: AUG 15 | AUG 16

ISSUE DATE: 08/05/10 18:48

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
AUGUST 16, 2010
228-229

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: 31h 36m 56s

CCSL: A076

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

1200 RTLT 31h 37m 8s

0000 RTLT 31h 37m 18s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

24 [DAR] 0915
25 [DA] 0915
10
10
40
40
2250 63 [D] 0145
60

32 DSN COVERAGE

1125 34 [o] 1715
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 35m 4s

CCSL: BASELINE

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

1200 RTLT 25h 35m 12s

0000 RTLT 25h 35m 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: AUG 16 | AUG 17

ISSUE DATE: 08/05/10 18:48

TUESDAY
AUGUST 17, 2010
229-230

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: 31h 37m 18s
CCSL: A076
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 31h 37m 30s
- 0000 RTLT 31h 37m 42s
- 1007 | 1008 PWS/RH
- 1019 – DTR MAINT – 1543
- 1547 | 1549 TAPPOS
- 0146 – MAGCAL – 0501
- 0146 – PESCAL – 0518
- 1007 GS-4B 1008

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

31 DSN COVERAGE

- 25 [DAR] 0715 - 0845
- 26 [DA] 0715 - 0845
- 10
- 1000 – 43 [D] – 1420
- 40
- 0130 – 15 [DAR]
- 0130 – 25 [DA]
- 10
- 40
- 2235 – 55 [DAR] – 0055
- 2235 – 54 [DA] – 0055
- 60

32 DSN COVERAGE

- 1110 – 45 [D] – 1720
- 40
- 40

S/C 32 INITIAL CONDITIONS

RTLT: 25h 35m 22s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 25h 35m 30s
- 0000 RTLT 25h 35m 38s

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

VGR COVERAGE	ON CALL

NOTES

[1] S/C 31=GS-4B @ 1007 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: AUG 17 | AUG 18

ISSUE DATE: 08/05/10 18:48

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
AUGUST 18, 2010
230-231

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: 31h 37m 42s

CCSL: A076

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

1200 RTLT 31h 37m 54s

0000 RTLT 31h 38m 4s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [DAR] 0850
25 [DA] 0850
10

40

2000 63 [D] 0130
60

0430 25 [DA]
0430 26 [DAR]
10

40

32 DSN COVERAGE

1110 45 [D] 1945
40

40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 35m 38s

CCSL: BASELINE

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

1200 RTLT 25h 35m 46s

0000 RTLT 25h 35m 56s

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: AUG 18 | AUG 19

ISSUE DATE: 08/05/10 18:48

THURSDAY
AUGUST 19, 2010
231-232

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: 31h 38m 4s

CCSL: A076

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

1200 RTLT 31h 38m 16s

0000 RTLT 31h 38m 28s

2150 DUMMY (05:25)

U/L 2340 TLC (SHORT-FORM)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

25 [DA] 0900
26 [DAR] 0900
10

40

60

2100 63 [T] 0135

0430 25 [DAR]
0430 26 [DA]
10

40

32 DSN COVERAGE

1110 45 [D] 1720
40

1700 43 [B] 2135

40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 35m 56s

CCSL: BASELINE

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

1200 RTLT 25h 36m 4s

0000 RTLT 25h 36m 12s

1717 DUMMY (5 MIN BRACKETED 18:54)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL | VGR | 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: AUG 19 | AUG 20

ISSUE DATE: 08/05/10 18:48

FRIDAY
AUGUST 20, 2010
232-233

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: 31h 38m 28s
CCSL: A076
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 31h 38m 40s
0000 RTLT 31h 38m 50s
TLC (SHORT-FORM)
1305 – 1319 TAPPOS
1608 1608 PWS/RH
1815 – 1843 TAPPOS
1608 GS-4B 1608

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

31 DSN COVERAGE

25 [DAR] 0900
26 [DA] 0900
10
1045 43 [D] 1405
40
60
2050 54 [DAR] 2300
2050 55 [DA] 2300
2240 63 [D] 0135
10
0415 25 [DAR]
0415 26 [DA]
40

32 DSN COVERAGE

1450 43 [D] 2130
40
40

S/C 32 INITIAL CONDITIONS

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

1200 RTLT 25h 36m 22s
0000 RTLT 25h 36m 30s

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

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 1608 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: AUG 20 | AUG 21

ISSUE DATE: 08/05/10 18:48

SATURDAY
AUGUST 21, 2010
233-234

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: 31h 38m 50s

CCSL: A076

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

1200 RTLT 31h 39m 2s

0000 RTLT 31h 39m 14s

TLC (SHORT-FORM)
D/L 0843

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

25 [DAR] 0855
26 [DA] 0855
10
1120 43 [D] 1405
40
2040 63 [D] 0130
60
0355 25 [DAR]
0355 26 [DA]
10
40

32 DSN COVERAGE

1125 45 [D] 1755
1735 43 [D] 2120
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 36m 30s

CCSL: BASELINE

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

1200 RTLT 25h 36m 40s

0000 RTLT 25h 36m 48s

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: AUG 21 | AUG 22

ISSUE DATE: 08/05/10 18:48

SUNDAY
AUGUST 22, 2010
234-235

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: 31h 39m 14s

CCSL: A076

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

1200 RTLT 31h 39m 26s

0000 RTLT 31h 39m 38s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

25 [DAR] 0855
26 [DA] 0855
10
0930 43 [D] 1355
40
0500 15 [DAR]
0500 26 [DA]
10
40
2225 63 [D] 0125
60

32 DSN COVERAGE

1105 45 [D] 1700
1640 43 [D] 2120
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 36m 48s

CCSL: BASELINE

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

1200 RTLT 25h 36m 58s

0000 RTLT 25h 37m 6s

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: AUG 22 | AUG 23

ISSUE DATE: 08/05/10 18:48

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
AUGUST 23, 2010
235-236

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: 31h 39m 38s

CCSL: A076

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

1200 RTLT 31h 39m 48s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [DAR] 0830
26 [DA] 0830
10
40

32 DSN COVERAGE

1210 45 [D] 1435
1415 43 2115
40

S/C 32
INITIAL CONDITIONS

RTLT: 25h 37m 6s

CCSL: BASELINE

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

1200 RTLT 25h 37m 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: AUG 23 | AUG 24