VOYAGER
Space Flight Operations Schedule (SFOS)

Issue Date: August 15, 2012 For the Period: 08/16/12 to 09/04/12 (12-229 – 12-247)

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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

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

ISSUE DATE: 08/21/12 17:09

THURSDAY
AUGUST 16, 2012
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: 33h 36m 6s

CCSL: A084

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

1200 RTLT 33h 36m 18s

0000 RTLT 33h 36m 28s

2210 DUMMY (07:46)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0820 15 [DAR]
25 [DA] 0820
10
40
60
2145 63 0130
10
40

32 DSN COVERAGE

1215 45 [D] 1915
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 27h 20m 20s

CCSL: B156

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

1200 RTLT 27h 20m 28s

0000 RTLT 27h 20m 36s

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 16 | AUG 17

ISSUE DATE: 08/21/12 17:09

FRIDAY
AUGUST 17, 2012
230-231

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: 33h 36m 28s

CCSL: A084

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

1200 RTLT 33h 36m 40s

0000 RTLT 33h 36m 52s

1316 TAPPOS 1533

1618 1619 PWS/RH

1826 TAPPOS 2029

1618 GS-4B 1619

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

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

31 DSN COVERAGE

2310 14 [D] 0315

10

40

0255 24 [DAR]

0255 25 [DA]

10

2055 55 [DA] 2330

2055 54 [DAR] 2330

40

60

32 DSN COVERAGE

0955 45 [D] 1910

40

40

S/C 32
INITIAL CONDITIONS

RTLT: 27h 20m 36s

CCSL: B156

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

1200 RTLT 27h 20m 46s

0000 RTLT 27h 20m 54s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 1618 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: 08/21/12 17:09

SATURDAY
AUGUST 18, 2012
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: 33h 36m 52s

CCSL: A084

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

1200 RTLT 33h 37m 4s

0000 RTLT 33h 37m 14s

1231 EL-40, AACS MRO, CR-5T (22:08)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0750 24 [DAR]
0750 25 [DA]
10
1200 *43* *1350*
40
2120 63 [D] 0120
60
10
0415 24 [DAR]
0415 25 [DA]
40

32 DSN COVERAGE

0955 34 [D] 1250
1230 45 [D] 1945
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 27h 20m 54s

CCSL: B156

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

1200 RTLT 27h 21m 2s

0000 RTLT 27h 21m 10s

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 18 | AUG 19

ISSUE DATE: 08/21/12 17:09

SUNDAY
AUGUST 19, 2012
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: 33h 37m 14s
CCSL: A084
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 33h 37m 26s

0000 RTLT 33h 37m 38s

2226 - - - - - *2342 AACS MRO*

EL-40 2210 ✳ ↓ ✳ ↓ *2342 CR-5T*

FDS MODE: CR-5T | EL-40 | CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0805 24 [DAR]
0805 25 [DA]
10
1215 43 [D] 1350
40
2015 2135 54 [DAR]
2015 55 [DA] 2135
2115 63 [D] 0115
60
10
40

32 DSN COVERAGE

0905 45 [D] 1235
1450 43 [B] 1715
40
40

S/C 32 INITIAL CONDITIONS

RTLT: 27h 21m 10s
CCSL: B156
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 27h 21m 20s

0000 RTLT 27h 21m 28s

▼ 1522 DUMMY (5 MIN BRACKETED 18:44)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

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

NOTES

[1] SC 31=EL-40 40(30) @ 2210
[2] SC 31=CR-5T 160(32) @ 2342

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: 08/21/12 17:09

MONDAY
AUGUST 20, 2012
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: 33h 37m 38s

CCSL: A084

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

1200 RTLT 33h 37m 50s

0000 RTLT 33h 38m 0s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

10

40

60

0130 14 [D]

10

40

32 DSN COVERAGE

1005 45 [D] 1910

40

40

S/C 32
INITIAL CONDITIONS

RTLT: 27h 21m 28s

CCSL: B156

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

0000 RTLT 27h 21m 46s

2321 END SEQUENCE B156

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 20 | AUG 21

ISSUE DATE: 08/21/12 17:09

TUESDAY
AUGUST 21, 2012
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: 33h 38m 0s

CCSL: A084

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

1200 RTLT 33h 38m 12s

0000 RTLT 33h 38m 24s

0955 0956 PWS/RH

0955 GS-4B 0956

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

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

31 DSN COVERAGE

14 [D] 0840
10
40
60
10
40
0345 25 [DA] 0505
26 [DAR] 0345 0505
0445 14 [D]

32 DSN COVERAGE

1045 34 [D] 1505
1445 45 [D] 1930
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 27h 21m 46s

CCSL: BASELINE

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

1200 RTLT 27h 21m 54s

0000 RTLT 27h 22m 4s

1057 PLSCAL 1240
1057 MAGCAL 1400
1057 PESCAL 1417

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 0955 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 21 | AUG 22

ISSUE DATE: 08/21/12 17:09

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 22, 2012
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: 33h 38m 24s

CCSL: A084

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

1200 RTLT 33h 38m 36s

0000 RTLT 33h 38m 48s

2040 RELINK APPW PATCH (06:19)

2044 EL-40, AACS FULMRO, CR-5T (06:23)

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

31 DSN COVERAGE

2015 — 63 — 0105

0450 — 15 [DAR]
0450 — 25 [DA]

14 [D] — 0835
10
40
60
10
40

32 DSN COVERAGE

1225 — 34 [o] — 1910
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 27h 22m 4s

CCSL: BASELINE

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

1200 RTLT 27h 22m 12s

0000 RTLT 27h 22m 22s

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 22 | AUG 23

ISSUE DATE: 08/21/12 17:09

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
AUGUST 23, 2012
236-237

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: 33h 38m 48s

CCSL: A084

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

1200 RTLT 33h 38m 58s

0000 RTLT 33h 39m 10s

RELINK APPW PATCH 0619 - 0622

AACS MRO 0641

EL-40 0625

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0710 15 [DAR]
0710 25 [DA]
10
40
60
10
0420 14 [D]
40

32 DSN COVERAGE

1225 34 [o] 1920
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 27h 22m 22s

CCSL: BASELINE

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

1200 RTLT 27h 22m 30s

0000 RTLT 27h 22m 40s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL | VGR

NOTES

[1] S/C 31=EL-40 XB=40(30) @ 0625

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

ISSUE DATE: 08/21/12 17:09

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
AUGUST 24, 2012
237-238

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: 33h 39m 10s

CCSL: A084

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

1200 RTLT 33h 39m 22s

0000 RTLT 33h 39m 34s

1254 TAPPOS 1443

1555 1556 PWS/RH

1803 TAPPOS 1939

0823 AACS MRO

U/L 2155 TLC (SHORT-FORM)

0825 CR-5T

1555 GS-4B 1556

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

31 DSN COVERAGE

14 [D] 0825

10

40

0430 14 [D]

10

40

2130 63 [T] 2310

60

32 DSN COVERAGE

1220 43 [D] 1550

1530 34 [D] 1905

40

40

S/C 32
INITIAL CONDITIONS

RTLT: 27h 22m 40s

CCSL: BASELINE

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

1200 RTLT 27h 22m 48s

0000 RTLT 27h 22m 58s

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

VGR COVERAGE	VGR	ON CALL

NOTES

[1] S/C 31=CR-5T XB=160(32) @ 0825

[2] S/C 31=GS-4B @ 1555 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 24 | AUG 25

ISSUE DATE: 08/21/12 17:09

SATURDAY
AUGUST 25, 2012
238-239

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: 33h 39m 34s

CCSL: A084

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

1200 RTLT 33h 39m 46s

0000 RTLT 33h 39m 58s

TLC (SHORT-FORM)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

14 [D] 0820
10
40
60
2210 14 [D]
10
40

32 DSN COVERAGE

1235 43 [o] 1625
1605 34 [D] 1915
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 27h 22m 58s

CCSL: BASELINE

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

1200 RTLT 27h 23m 6s

0000 RTLT 27h 23m 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 25 | AUG 26

ISSUE DATE: 08/21/12 17:09

SUNDAY
AUGUST 26, 2012
239-240

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: 33h 39m 58s

CCSL: A084

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

1200 RTLT 33h 40m 10s

0000 RTLT 33h 40m 20s

TLC (SHORT-FORM)
D/L 0903

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

31 DSN COVERAGE

14 [D] 0815
10
40
60
2045 63 [D] 0045
0110 14 [D] 0400
0340 15 [DAR]
0340 26 [DA]
10
40

32 DSN COVERAGE

1225 43 [D] 1855
40
40

S/C 32 INITIAL CONDITIONS

RTLT: 27h 23m 16s

CCSL: BASELINE

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

1200 RTLT 27h 23m 26s

0000 RTLT 27h 23m 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: AUG 26 | AUG 27

ISSUE DATE: 08/21/12 17:09

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 27, 2012
240-241

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: 33h 40m 20s

CCSL: A084

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

1200 RTLT 33h 40m 32s

0000 RTLT 33h 40m 44s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0730 15 [DAR]
0730 26 [DA]
10
40
60
2045 63 [D] 0045
10
0325 15 [DA]
0325 26 [DAR]
40

32 DSN COVERAGE

1215 43 [D] 1620
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 27h 23m 34s

CCSL: BASELINE

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

1200 RTLT 27h 23m 44s

0000 RTLT 27h 23m 54s

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 27 | AUG 28

ISSUE DATE: 08/21/12 17:09

TUESDAY
AUGUST 28, 2012
241-242

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: 33h 40m 44s
CCSL: A084
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 33h 40m 56s
0000 RTLT 33h 41m 8s
0932 0933 PWS/RH
0932 GS-4B 0933

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

31 DSN COVERAGE

0725 15 [DA]
0725 26 [DAR]
10
40
0410 25 [DA]
0410 26 [DAR]
10
2240 63 [D] 0040
60
40

32 DSN COVERAGE

1200 43 [o] 1620
40
40

S/C 32 INITIAL CONDITIONS

RTLT: 27h 23m 54s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 27h 24m 2s
0000 RTLT 27h 24m 12s

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

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 0932 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 28 | AUG 29

ISSUE DATE: 08/21/12 17:09

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 29, 2012
242-243

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: 33h 41m 8s

CCSL: A084

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

1200 RTLT 33h 41m 20s

0000 RTLT 33h 41m 32s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0730 25 [DA]
0730 26 [DAR]
10
43 [D]
0710 - 0920
40
60
2230
63 [D]
0035
10
0410 - 0645
24 [DA]
0410 - 0645
25 [DAR]
40

32 DSN COVERAGE

1205
45 [D]
1855
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 27h 24m 12s

CCSL: BASELINE

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

1200 RTLT 27h 24m 22s

0000 RTLT 27h 24m 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: AUG 29 | AUG 30

ISSUE DATE: 08/21/12 17:09

THURSDAY
AUGUST 30, 2012
243-244

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: 33h 41m 32s
CCSL: A084
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 33h 41m 44s
- 0000 RTLT 33h 41m 56s
- 2100 DUMMY (06:42)
- 2102 EL-40 (06:45)
- 2124 CCSL A084B (07:06)
- 2157 AHELIO MRO'S, CR-5T (07:39)

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

31 DSN COVERAGE

- 10
- 40
- 60
- 2035 — 63 — 0030
- 10
- 0340 — 14 [D]
- 40

32 DSN COVERAGE

- 1200 — 43 [H] — 1600
- 40
- 40

S/C 32 INITIAL CONDITIONS

RTLT: 27h 24m 32s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 27h 24m 40s
- 0000 RTLT 27h 24m 50s
- 1243 EL-40 (16:07)
- 1304 CCSL B157 (16:29)
- 1404 ECR 111844 (17:29)
- 1431 TLMPRG (17:55)

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 30 | AUG 31

ISSUE DATE: 08/21/12 17:09

FRIDAY
AUGUST 31, 2012
244-245

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: 33h 41m 56s

CCSL: A084

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

1200 RTLT 33h 42m 6s

0000 RTLT 33h 42m 18s

1231 TAPPOS 1353

1533 1534 PWS/RH

1740 1848 TAPPOS

1533 GS-4B 1534

EL-40 0645

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

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

31 DSN COVERAGE

0755 14 [D]
10
40

0320 14 [D]
10
40

2040 63 [D] 0025
60

32 DSN COVERAGE

1405 43 [D] 2000
40

40

S/C 32
INITIAL CONDITIONS

RTLT: 27h 24m 50s

CCSL: BASELINE

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

1200 RTLT 27h 25m 0s

0000 RTLT 27h 25m 10s

1646 1650 B157 CHKSUM

1730 1732 ECR 111844 RECEIPT

1758 1806 TLMPRG

EL-40 1608

1808 CR-5T

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 | VGR

NOTES

[1] S/C 31=GS-4B @ 1533 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 31 | SEP 01

ISSUE DATE: 08/21/12 17:09

SATURDAY
SEPTEMBER 1, 2012
245-246

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: 33h 42m 18s
CCSL: A084
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 33h 42m 30s
- 0000 RTLT 33h 42m 42s
- 0711 - 0715 A084B CHKSUM
- 0741 - 0742 2 AHELIO CCS SID MRO'S
- 0745 CR-5T

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

31 DSN COVERAGE

- 0750 14 [D] (10, 40)
- 0340 14 [D] (10, 40)
- 2005 63 [D] 0020 (60)

32 DSN COVERAGE

- 1000 45 [D] 1520 (40, 40)

S/C 32 INITIAL CONDITIONS

RTLT: 27h 25m 10s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 27h 25m 20s
- 0000 RTLT 27h 25m 30s

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: SEP 01 | SEP 02

ISSUE DATE: 08/21/12 17:09

SUNDAY
SEPTEMBER 2, 2012
246-247

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: 33h 42m 42s

CCSL: A084

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

1200 RTLT 33h 42m 54s

0000 RTLT 33h 43m 6s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0745 14 [D]
10
40
60
2045 63 [D] 0020
10
0425 25 [DAR]
0425 26 [DA]
40

32 DSN COVERAGE

1550 43 [D] 2000
40
40

S/C 32
INITIAL CONDITIONS

RTLT: 27h 25m 30s

CCSL: BASELINE

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

1200 RTLT 27h 25m 40s

0000 RTLT 27h 25m 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: SEP 02 | SEP 03

ISSUE DATE: 08/21/12 17:09

MONDAY
SEPTEMBER 3, 2012
247-248

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: 33h 43m 6s

CCSL: A084

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

1200 RTLT 33h 43m 18s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0705 25 [DAR]
0705 26 [DA]
10
40
60

32 DSN COVERAGE

1145 — 43 [D] — 1620
40

S/C 32
INITIAL CONDITIONS

RTLT: 27h 25m 50s

CCSL: BASELINE

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

1200 RTLT 27h 26m 0s

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: SEP 03 | SEP 04