VOYAGER
Space Flight Operations Schedule (SFOS)

Issue Date: April 29, 2008

For the Period: 05/01/08 to 05/19/08 (08-122 – 08-140)

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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
(17 – Dist/N: Paper Copies)
02/21/08

ISSUE DATE: 05/07/08 13:01

THURSDAY
MAY 1, 2008
122-123

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: 29h 13m 52s
CCSL: A067A
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 29h 13m 54s
0000 RTLT 29h 13m 54s
1117 EL-40 (16:31)
1138 CCSL A067B (16:52)
1234 SID MRO'S & CR-5T (17:47)
U/L 1130
TLC (SHORT-FORM)

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

31 DSN COVERAGE

0755 — 25 [D] — 1015
0950 — 14 [T] — 1250
10
40
10
60
0110 — 65 [D] — 0600
60

32 DSN COVERAGE

1120 — 45 [D] — 1500
1440 — 34 [o] — 2000
40
2310 — 43 [D] — 0215

S/C 32 INITIAL CONDITIONS

RTLT: 23h 41m 20s
CCSL: B139
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 23h 41m 18s
0000 RTLT 23h 41m 16s

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 01 | MAY 02

ISSUE DATE: 05/07/08 13:01

FRIDAY
MAY 2, 2008
123-124

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: 29h 13m 54s

CCSL: A067A

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

1200 RTLT 29h 13m 56s

0000 RTLT 29h 13m 56s

0736 AAI

MAGROL 0739 - 1334

RAI 1327

GYROS OFF 1334

CRU 1334

1929 1942 TAPPOS

2231 2232 PWS/RH

0038 0039 TAPPOS

A067B CCS CHKSUM 1703 1707

TLC (SHORT-FORM) D/L 1812

EL-40 1631

2231 GS-4B 2232

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

31 DSN COVERAGE

25 [D] *0710 - 0900*
0900 *24 [D]* *1130*
10
1210 *45 [D]* *1445*
1405 43 [D] 1745
40
2230 - 0645 65 [D]
60
60
10
63 [D] 0625

32 DSN COVERAGE

1300 *34 [D]* *1725*
40

S/C 32 INITIAL CONDITIONS

RTLT: 23h 41m 16s

CCSL: B139

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

1200 RTLT 23h 41m 14s

0000 RTLT 23h 41m 10s

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

VGR COVERAGE	VGR	ON CALL	VGR	ON CALL

NOTES

[1] S/C 31=D/L AGC VARIATIONS EXPECTED DURING MAGROL (0739-1334)

[2] S/C 31=GS-4B @ 2231 XB=2.8K(41) NOT RECOVERABLE

[3] S/C 31=EL-40 @ 1631 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: MAY 02 | MAY 03

ISSUE DATE: 05/07/08 13:01

SATURDAY
MAY 3, 2008
124-125

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: 29h 13m 56s
CCSL: A067A
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 29h 13m 58s

0000 RTLT 29h 14m 0s

U/L 1300 — *TLC (SHORT-FORM)*

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0825 — 25 [D] — 1230 (10)

63 [D] — 0845

1225 — *43 [T]* — *1425* (40)

(10)

2325 — 63 [1D] — 0510 (60)

(60)

32 DSN COVERAGE

1205 — 45 [D] — 1430

1735 — 45 [D] — 0255 (40)

S/C 32 INITIAL CONDITIONS

RTLT: 23h 41m 10s
CCSL: B139
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 23h 41m 8s

0000 RTLT 23h 41m 6s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL

NOTES

[1] A067B 3RD BACKUP U/L TRACK

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 03 | MAY 04

ISSUE DATE: 05/07/08 13:01

SUNDAY
MAY 4, 2008
125-126

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: 29h 14m 0s

CCSL: A067A

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

1200 RTLT 29h 14m 0s

0000 RTLT 29h 14m 2s

TLC (SHORT-FORM) *D/L* *1942*

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

24 [D] 0740 - 1145
1130 14 [D] 1540
10
10
1715 45 [D] 2105
40
2225 - 0640 65 [D]
60
60

32 DSN COVERAGE

1210 *45 [D]* *1630*
2045 43 [o] 0330
40

S/C 32
INITIAL CONDITIONS

RTLT: 23h 41m 6s

CCSL: B139

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

1200 RTLT 23h 41m 4s

0000 RTLT 23h 41m 2s

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 04 | MAY 05

ISSUE DATE: 05/07/08 13:01

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 5, 2008
126-127

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: 29h 14m 2s

CCSL: A067A

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

1200 RTLT 29h 14m 4s

0000 RTLT 29h 14m 4s

2346 BEGIN SEQUENCE A067B

DUMMY (08:29) 0315
EL-40 (09:06) 0352
TLMPRG (09:21) 0407
CR-5T (09:41) 0427

U/L 0535
TLC (SHORT-FORM)

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

31 DSN COVERAGE

0810 — 24 [D] — 1225
10
40
10
0005 - 0615 — 63 [T]
60
60

32 DSN COVERAGE

1200 — 45 [D] — 1720
40
2120 — 45 [D] — 0235

S/C 32
INITIAL CONDITIONS

RTLT: 23h 41m 2s

CCSL: B139

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

1200 RTLT 23h 41m 0s

0000 RTLT 23h 40m 58s

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 05 | MAY 06

ISSUE DATE: 05/07/08 13:01

TUESDAY
MAY 6, 2008
127-128

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: 29h 14m 4s
CCSL: A067B
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 29h 14m 6s
- 0000 RTLT 29h 14m 8s
- 1607 | 1608 PWS/RH
- TLC (SHORT-FORM)
- 1607 GS-4B 1608

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

31 DSN COVERAGE

- 0750 — 24 [D] — 1220 (10)
- 25 [D] 0650 (10)
- (40)
- 0030 — 63 [D] — 0545 (60)
- (60)

32 DSN COVERAGE

- 1205 — 45 [D] — 1545
- 1925 — 43 [H] — 0205 (40)

S/C 32 INITIAL CONDITIONS

RTLT: 23h 40m 58s
CCSL: B139
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 23h 40m 56s
- 0000 RTLT 23h 40m 52s
- 2015 DUMMY (19:56)
- 2030 EL-40 (20:11)
- 2052 CCSL B140 (20:33)
- 2130 CR-5T (21:11)

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

VGR COVERAGE: ON CALL | VGR | ON CALL

NOTES

[1] S/C 31=GS-4B @ 1607 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 06 | MAY 07

ISSUE DATE: 05/07/08 13:01

WEDNESDAY
MAY 7, 2008
128-129

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: 29h 14m 8s
CCSL: A067B
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 29h 14m 10s
- 0000 RTLT 29h 14m 12s
- 0759 – 0806 ECR 105712 S/W MODS 5-9
- 0907 EL-40
- 0922 TLMPRG
- 0941 CR-5T
- TLC (SHORT-FORM) – D/L – 1217

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

31 DSN COVERAGE

- 25 [D] 0930
- 0910 – 26 [D] – 1215
- 10
- 40
- 0025 – 65 [D] – 0435
- 60
- 60
- 10

32 DSN COVERAGE

- 1250 – 34 [D] – 1425
- 1405 – 43 [D] – 2025
- 2005 – 34 [D] – 0100
- 40

S/C 32 INITIAL CONDITIONS

RTLT: 23h 40m 52s
CCSL: B139
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 23h 40m 50s
- 0000 RTLT 23h 40m 48s
- *2039 – 2043 CCSL B140 CHKSUM*
- EL-40 2012
- 2112 CR-5T

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

VGR COVERAGE	VGR	ON CALL	VGR	ON CALL

NOTES

[1] S/C 31=EL-40 @ 0907 XB=40(30)
[2] S/C 31=CR-5T @ 0941 XB=160(32)
[3] S/C 32=EL-40 @ 2012 XB=40(30)
[4] S/C 32=CR-5T @ 2112 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 07 | MAY 08

ISSUE DATE: 05/07/08 13:01

THURSDAY
MAY 8, 2008
129-130

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: 29h 14m 12s
CCSL: A067B
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 29h 14m 12s
- 0000 RTLT 29h 14m 14s
- 1252 LINK TCM THR PATCH - ECR'S 37810 & 37858
- 1332 – 1352 AACS MRO
- 1352 – 1403 CCS MRO
- 1403 – 1416 FDS MRO
- 1432 X/B LOW POWER
- 1436 BAY 1 HTR ON
- 1317 EH-12 1416

FDS MODE	CR-5T	EH-12	CR-5T
XB DATA RATE(MI)	160(32)		160(32)

31 DSN COVERAGE

- 0800 – 1445 (14 [D]) — 10
- 1200 – 1600 — 40
- 0020 – 0605 (65 [D]) — 60
- 0000 – 0060 — 60
- 0625 – 0635 (25 [D]) — 10

32 DSN COVERAGE

- 0900 – 2145 — 40
- 2145 – 0250 (45 [D])

S/C 32 INITIAL CONDITIONS

RTLT: 23h 40m 48s
CCSL: B139
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

- 1200 RTLT 23h 40m 46s
- 0000 RTLT 23h 40m 44s

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

VGR COVERAGE	ON CALL	VGR	ON CALL

NOTES

[1] S/C 31=EL-40 @ 1317 XB=40(30)
[2] S/C 31=CR-5T @ 1416 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 08 | MAY 09

ISSUE DATE: 05/07/08 13:01

FRIDAY
MAY 9, 2008
130-131

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: 29h 14m 14s
CCSL: A067B
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 29h 14m 16s
0000 RTLT 29h 14m 18s
1905 1918 TAPPOS
2207 2208 PWS/RH
0015 0015 TAPPOS
2207 GS-4B 2208

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

31 DSN COVERAGE

25 [D] 1305
10
40
25 [D] 0620
10
2300 - 0620
65 [D]
60
60

32 DSN COVERAGE

1205 45 [D] 1700
1640 34 [D] 1950
1945 43 [o2] 0130
40

S/C 32 INITIAL CONDITIONS

RTLT: 23h 40m 44s
CCSL: B139
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 23h 40m 42s
0000 RTLT 23h 40m 40s

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

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 2207 XB=2.8K(41) NOT RECOVERABLE
[2] B140 BACKUP U/L TRACK

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 09 | MAY 10

ISSUE DATE: 05/07/08 13:01

SATURDAY
MAY 10, 2008
131-132

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: 29h 14m 18s

CCSL: A067B

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

1200 RTLT 29h 14m 20s

0000 RTLT 29h 14m 22s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

25 [D] 1300
10
10
40
0015 - 0615 65 [D]
60
60

32 DSN COVERAGE

1145 45 [D] 0135
40

S/C 32
INITIAL CONDITIONS

RTLT: 23h 40m 40s

CCSL: B139

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

1200 RTLT 23h 40m 38s

0000 RTLT 23h 40m 36s

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 10 | MAY 11

ISSUE DATE: 05/07/08 13:01

SUNDAY
MAY 11, 2008
132-133

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: 29h 14m 22s

CCSL: A067B

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

1200 RTLT 29h 14m 24s

0000 RTLT 29h 14m 26s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

24 [D] 0715 - 1200
10
10
1200 43 [D] 1555
40
0120 55 [D] 0250
0530 63 [D]
60
60

32 DSN COVERAGE

1155 45 [D] 1830
2040 43 [D] 0130
40

S/C 32
INITIAL CONDITIONS

RTLT: 23h 40m 36s

CCSL: B139

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

1200 RTLT 23h 40m 34s

0000 RTLT 23h 40m 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 11 | MAY 12

ISSUE DATE: 05/07/08 13:01

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 12, 2008
133-134

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: 29h 14m 26s

CCSL: A067B

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

1200 RTLT 29h 14m 28s

0000 RTLT 29h 14m 30s

1715 DUMMY (22:29)

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

24 [D] 0725 - 1155
10
10
1340 43 1755
40
0745 63 [D]
60
60

32 DSN COVERAGE

1330 45 [D] 1755
1735 34 [D] 2030
2030 43 [D] 2145
40

S/C 32
INITIAL CONDITIONS

RTLT: 23h 40m 32s

CCSL: B139

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

1200 RTLT 23h 40m 32s

0000 RTLT 23h 40m 30s

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 12 | MAY 13

ISSUE DATE: 05/07/08 13:01

TUESDAY
MAY 13, 2008
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: 29h 14m 30s

CCSL: A067B

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

1200 RTLT 29h 14m 34s

0000 RTLT 29h 14m 36s

U/L 0915 — TLC (SHORT-FORM)

1543 1544 PWS/RH

1543 GS-4B 1544

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

31 DSN COVERAGE

14 [T] 0720 - 1105 (10)

10

1410 45 [D] 1730 (40)

60

0030 65 [D] 0455

0450 63 [D] (60)

32 DSN COVERAGE

1420 34 [o] 2200 (40)

S/C 32 INITIAL CONDITIONS

RTLT: 23h 40m 30s

CCSL: B139

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

1200 RTLT 23h 40m 28s

0000 RTLT 23h 40m 26s

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

VGR COVERAGE	ON CALL

NOTES

[1] S/C 31=GS-4B @ 1543 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 13 | MAY 14

ISSUE DATE: 05/07/08 13:01

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 14, 2008
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: 29h 14m 36s

CCSL: A067B

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

1200 RTLT 29h 14m 38s

0000 RTLT 29h 14m 40s

TLC (SHORT-FORM) D/L 1557

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

0745 25 [D] 1230 (10)

1155 43 [D] 1600 (40)

63 [D] 0805 (60)

2145 65 [D] 0600 (60)

26 [D] 0700 (10)

32 DSN COVERAGE

1150 45 [D] 2145 (40)

S/C 32
INITIAL CONDITIONS

RTLT: 23h 40m 26s

CCSL: B139

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

1200 RTLT 23h 40m 24s

0000 RTLT 23h 40m 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 14 | MAY 15

ISSUE DATE: 05/07/08 13:01

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 15, 2008
136-137

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: 29h 14m 40s

CCSL: A067B

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

1200 RTLT 29h 14m 42s

0000 RTLT 29h 14m 46s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

26 [D] 0700 - 0945
0925 15 [D] 1355
10
1335 45 [D] 1820
40
60
2310 63 [D] 0545
60
25 [D] 0625
10

32 DSN COVERAGE

1210 43 [B] 2110
2050 45 [D] 0140
40

S/C 32
INITIAL CONDITIONS

RTLT: 23h 40m 22s

CCSL: B139

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

1200 RTLT 23h 40m 22s

0000 RTLT 23h 40m 20s

1412 DUMMY (13:53)

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 15 | MAY 16

ISSUE DATE: 05/07/08 13:01

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 16, 2008
137-138

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: 29h 14m 46s

CCSL: A067B

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

1200 RTLT 29h 14m 48s

0000 RTLT 29h 14m 50s

1841 1855 TAPPOS

2144 2144 PWS/RH

2351 2351 TAPPOS

2144 GS-4B 2144

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

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

31 DSN COVERAGE

25 [D] 1235 (10)

15 [D] 0625 (10)

1455 45 [D] 1735 (40)

2135 65 [D] 0550 (60) (60)

32 DSN COVERAGE

1155 45 [D] 1410

1350 43 [D] 1650

1935 45 [D] 0215 (40)

S/C 32
INITIAL CONDITIONS

RTLT: 23h 40m 20s

CCSL: B139

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

1200 RTLT 23h 40m 18s

0000 RTLT 23h 40m 16s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

VGR COVERAGE: ON CALL

NOTES

[1] S/C 31=GS-4B @ 2144 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 16 | MAY 17

ISSUE DATE: 05/07/08 13:01

SATURDAY
MAY 17, 2008
138-139

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: 29h 14m 50s

CCSL: A067B

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

1200 RTLT 29h 14m 54s

0000 RTLT 29h 14m 56s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

15 [D] 1150
10

26 [D] 0645
10

1130 43 [D] 1420
40

0000 65 [D] 0545
60
60

32 DSN COVERAGE

1140 45 [D] 1415

1725 45 [D] 0215
40

S/C 32
INITIAL CONDITIONS

RTLT: 23h 40m 16s

CCSL: B139

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

1200 RTLT 23h 40m 14s

0000 RTLT 23h 40m 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 17 | MAY 18

ISSUE DATE: 05/07/08 13:01

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
MAY 18, 2008
139-140

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: 29h 14m 56s

CCSL: A067B

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

1200 RTLT 29h 15m 0s

0000 RTLT 29h 15m 2s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

26 [D] 1130 — 10 — 40 — 60

0550 25 [D] — 10

0045 65 [D] 0540 — 60

32 DSN COVERAGE

1155 45 [D] 2145 — 40

S/C 32
INITIAL CONDITIONS

RTLT: 23h 40m 14s

CCSL: B139

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

1200 RTLT 23h 40m 12s

0000 RTLT 23h 40m 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 18 | MAY 19

ISSUE DATE: 05/07/08 13:01

MONDAY
MAY 19, 2008
140-141

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: 29h 15m 2s

CCSL: A067B

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

1200 RTLT 29h 15m 4s

0000 RTLT 29h 15m 8s

FDS MODE: CR-5T

XB DATA RATE(MI): 160(32)

31 DSN COVERAGE

25 [D] 1145
10

1145 43 [D] 1430
40

32 DSN COVERAGE

1150 45 [D] 1945

S/C 32
INITIAL CONDITIONS

RTLT: 23h 40m 10s

CCSL: B139

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

1200 RTLT 23h 40m 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 19 | MAY 20