

ISSUE DATE: 06/16/03 - 14:40

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  
JUNE 12, 2003  
163-164

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

RTLTL : 24h 19m 30s

1200 RTLTL=24h 19m 34s

0000 RTLTL=24h 19m 40s

VOYAGER 1

↓ 0810 SLEW->HELIO-14A

S/C 31 STATUS
FDS CLOCK DRIFT: ADD TO S/C EVENT ERT: -22.261 sec
ROLLREF = RIGIL KENTAURUS

↓ 1815 PLS CONFIG AJ13

FDSL : 11AF

CCSL : A047  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

----- TLC SHORT-FORM ----- | D/L -| 2147

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160 (32)

31 ----- 14 [D] ----- | 1100

1800 |----- 63 [D] -----| 0000

0200 |----- 15 [D] -----

HPTXR  
DSN COVERAGE

32

1330 |----- 43 [B] -----| 0055

HPTXR

RTLTL : 19h 18m 34s

1200 RTLTL=19h 18m 34s

1812 |----- COMMAND MORATORIUM -----

0000 RTLTL=19h 18m 34s

VOYAGER 2

S/C 32 STATUS
FDS CLOCK DRIFT: ADD TO S/C EVENT ERT: -2:36.677 min
ROLLREF = VEGA

▼ 1622 DUMMY (5 MIN BRACKETED 11:41)

FDSL : 11AF

CCSL : B120  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160 (32)

VOYAGER 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

ISSUE DATE: 06/16/03 - 14:40

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  
JUNE 13, 2003  
164-165

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

RTLTL : 24h 19m 40s

1200 RTLTL=24h 19m 46s

0000 RTLTL=24h 19m 52s

VOYAGER 1

↓ 0810 SLEW->HELIO-13A

2140 | 2141 PWS/RH

FDSL : 11AF

1838 | | 1852 TAPPOS

2347 | 2348 TAPPOS

CCSL : A047

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

↓ 2142 PLS CONFIG AJ13

2140  
GS-4B 2141

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

CR-5T

160(32)

31

--- 15 [D] --- | 0910

0905 |----- 25 [D] ----- | 1230

0225 |----- 26 [D] -----

1915 |----- 63 [D] ----- | 2315

DSN COVERAGE  
HPTXR

32

1055 |----- 34 [D] ----- | 2350

HPTXR

RTLTL : 19h 18m 34s

1200 RTLTL=19h 18m 36s

0000 RTLTL=19h 18m 36s

VOYAGER 2

----- COMMAND MORATORIUM -----

↓ 1301 GYRO INIT

↓ 1301 GYROS BC ON

↓ 1311 GYRO FAULT TEST

FDSL : 11AF

1401 | | 1407 CCSTIM(B)

CCSL : B120

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

VOYAGER COVERAGE

----- ON CALL ----- | - VGR - | ----- ON CALL -----

NOTES

[1] S/C 31=GS-4B @ 2140 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

ISSUE DATE: 06/16/03 - 14:40

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 14, 2003  
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

RTLT : 24h 19m 52s

1200 RTLT=24h 20m 0s

0000 RTLT=24h 20m 6s

VOYAGER 1

↓ 0811 SLEW->HELIO-12A

FDSL : 11AF

CCSL : A047  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 26 [D] | 0800

1750 |----- 63 [D] -----| 2330

2315 |----- 54 [D] -----| 0325

DSN COVERAGE  
HPTXR

32

1630 |----- 34 [o] -----| 2350

HPTXR

RTLT : 19h 18m 36s

1200 RTLT=19h 18m 38s

0000 RTLT=19h 18m 38s

----- COMMAND MORATORIUM -----| 1742

VOYAGER 2

FDSL : 11AF

CCSL : B120  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : BC ON

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

VOYAGER 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

ISSUE DATE: 06/16/03 - 14:40

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 15, 2003  
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

RTLT : 24h 20m 6s

↓ 0811 SLEW->HELIO-11A

1200 RTLT=24h 20m 12s

0000 RTLT=24h 20m 18s

VOYAGER 1

FDSL : 11AF

CCSL : A047  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

1050 |----- 43 [D] -----| 1450

0230 |----- 15 [D] -----|

DSN COVERAGE  
HPTXR

32

0900 |----- 34 [o] -----| 1540

HPTXR

RTLT : 19h 18m 38s

1200 RTLT=19h 18m 40s

0000 RTLT=19h 18m 42s

VOYAGER 2

FDSL : 11AF

CCSL : B120  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : BC ON

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

VOYAGER 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

ISSUE DATE: 06/16/03 - 14:40

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 16, 2003  
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

RTLTL : 24h 20m 18s

1200 RTLTL=24h 20m 24s

0000 RTLTL=24h 20m 30s

VOYAGER 1

↓ 1811 SLEW->MIDPNT

FDSL : 11AF

CCSL : A047  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

15 [D]

1150

0330

25 [D]

1130

34 [D]

1410

1745

63 [D]

2245

DSN COVERAGE

HPTXR

32

0810

45 [D]

1515

1455

34 [D]

2100

HPTXR

RTLTL : 19h 18m 42s

1200 RTLTL=19h 18m 42s

0000 RTLTL=19h 18m 44s

VOYAGER 2

FDSL : 11AF

CCSL : B120  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : BC ON

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

VOYAGER 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

ISSUE DATE: 06/16/03 - 14:40

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 17, 2003  
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

RTLT : 24h 20m 30s

VOYAGER 1

FDSL : 11AF

CCSL : A047  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

1200 RTLT=24h 20m 38s

0000 RTLT=24h 20m 44s

↓ 0811 SLEW->HELIO-10A

1516 | 1517 PWS/RH

1517  
GS-4B 1517

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

CR-5T  
160(32)

31 ----- 25 [D] ----- | 1210 1740 | ----- 63 [D] ----- | 0135 | ----- 15 [D] -----

DSN COVERAGE  
HPTXR

32 0810 | ----- 45 [D] ----- | 1150

1620 | ----- 43 [B] ----- | 0035

HPTXR

RTLT : 19h 18m 44s

VOYAGER 2

FDSL : 11AF

CCSL : B120  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : BC ON

1200 RTLT=19h 18m 46s

0000 RTLT=19h 18m 46s

↓ 1401 GYRO INIT  
1408 | 1409 PWS/RH

▼ 2240 X-BAND HIGH POWER (17:58)

▼ 1722 DUMMY (5 MIN BRACKETED 12:41)

1408  
GS-4B 1409

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160 (32)

CR-5T  
160(32)

VOYAGER COVERAGE

----- ON CALL ----- + - - VGR - - + - - ON CALL - - + - - VGR - - + - - ON CALL -----

NOTES

[1] S/C 32=GS-4B @ 1408 XB=2.8K(41) NOT RECOVERABLE  
[2] S/C 31=GS-4B @ 1517 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

ISSUE DATE: 06/16/03 - 14:40

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 18, 2003  
169-170

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

RTLT : 24h 20m 44s

↓ 0811 SLEW->HELIO-9A

▼ 1850 DUMMY (19:11)

VOYAGER 1

FDSL : 11AF

U/L 2000 | - | - - - - - TLC SHORT-FORM - - - - -

CCSL : A047  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

31 - - - - - 15 [D] - - - - - | 1235

0210 | - - - - - 14 [D] - - - - -

DSN COVERAGE  
HPTXR

1730 | - - - - - 63 [T] - - - - - | 2315

32 0830 | - - - - - 45 [D] - - - - - | 1520

1730 | - - - - - 45 [D] - - - - - | 0000

HPTXR

RTLT : 19h 18m 46s

0900 | - - - - - COMMAND MORATORIUM - - - - -

0000 RTLT=19h 18m 50s

VOYAGER 2

FDSL : 11AF

\*  
↓ 1758 BAY 1 HTR OFF

CCSL : B120  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : BC ON

\*  
↓ 1802 X-BAND HIGH POWER

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

VOYAGER 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

ISSUE DATE: 06/16/03 - 14:40

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  
JUNE 19, 2003  
170-171

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

RTLT : 24h 20m 56s

↓ 0811 SLEW->HELIO-8A

1200 RTLT=24h 21m 4s

0000 RTLT=24h 21m 10s

VOYAGER 1

FDSL : 11AF

CCSL : A047  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

----- TLC SHORT-FORM ----- | D/L | 2148

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 14 [D] ----- | 1255

1730 | ----- 63 [D] ----- | 2210

0345 | ----- 25 [D] -----

DSN COVERAGE  
HPTXR

32 0825 | ----- 34 [D] ----- | 1235

1535 | ----- 34 [D] ----- | 2045

HPTXR

RTLT : 19h 18m 50s

1200 RTLT=19h 18m 52s

0000 RTLT=19h 18m 54s

----- COMMAND MORATORIUM -----

VOYAGER 2

FDSL : 11AF

CCSL : B120  
TWNC : ON  
SB : OFF XB : HIGH  
PYR : .05/ .10/ .25  
GYROS : BC ON

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER 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



ISSUE DATE: 06/16/03 - 14:40

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  
JUNE 20, 2003  
171-172

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

RTLTL : 24h 21m 10s

↓ 0811 SLEW->HELIO-7A

VOYAGER 1

2117 | 2118 PWS/RH

FDSL : 11AF

1814 | 1829 TAPPOS

2324 | 2325 TAPPOS

CSSL : A047  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

2117  
GS-4B 2118

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

CR-5T

160(32)

31

----- 25 [D] ----- | 1155

1850 | ----- 63 [D] ----- | 2205

0150 | ----- 25 [D] -----

HPTXR  
DSN COVERAGE

32

1330 | ----- 45 [D] ----- | 2350

HPTXR

RTLTL : 19h 18m 54s

1200 RTLTL=19h 18m 54s

0000 RTLTL=19h 18m 56s

VOYAGER 2

----- COMMAND MORATORIUM -----

FDSL : 11AF

↓ 1411 AAI  
1414 | -----

MAGROL ----- | 2010

↓ 2003 RAI

↓ 2010 CRU

↓ 2010 GYROS OFF

CSSL : B120  
TWNC : ON  
SB : OFF XB : HIGH  
PYR : .05/ .10/ .25  
GYROS : BC ON

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER COVERAGE

----- ON CALL -----

----- VGR -----

----- ON CALL -----

NOTES

- [1] S/C 32 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (1414-2010)
- [2] S/C 31=GS-4B @ 2117 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

ISSUE DATE: 06/16/03 - 14:40

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 21, 2003  
172-173

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

RTLT : 24h 21m 24s

↓ 0811 SLEW->HELIO-6A

1200 RTLT=24h 21m 30s

0000 RTLT=24h 21m 38s

VOYAGER 1

FDSL : 11AF

CCSL : A047  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 | 0715 25 [D]

1800 |----- 63 [D] -----| 2240

0240 |----- 26 [D] -----|

2220 |----- 65 [D] -----| 0300

DSN COVERAGE  
HPTXR

32 | 0750 |----- 45 [D] -----| 1310

1610 |----- 34 [D] -----| 2315

HPTXR

1200 RTLT=19h 18m 58s

0000 RTLT=19h 19m 0s

RTLT : 19h 18m 56s

----- COMMAND MORATORIUM -----

| 0051

VOYAGER 2

FDSL : 11AF

CCSL : B120  
TWNC : ON  
SB : OFF XB : HIGH  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER 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

ISSUE DATE: 06/16/03 - 14:40

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 22, 2003  
173-174

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

RTLT : 24h 21m 38s

↓ 0811 SLEW->HELIO-5A

1200 RTLT=24h 21m 44s

0000 RTLT=24h 21m 52s

VOYAGER 1

FDSL : 11AF

CCSL : A047  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 -----26 [D] ----- | 1145

1720 |-----63 [D] ----- | 2300

0235 |-----26 [D] -----

DSN COVERAGE

HPTXR

2305 |-----54 [D] ----- | 0255

32 |-----45 [D] ----- | 0745 - 1050

1045 |-----43 [o] ----- | 1745

HPTXR

RTLT : 19h 19m 0s

1200 RTLT=19h 19m 2s

0000 RTLT=19h 19m 4s

VOYAGER 2

FDSL : 11AF

CCSL : B120  
TWNC : ON  
SB : OFF XB : HIGH  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER 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

ISSUE DATE: 06/16/03 - 14:40

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 23, 2003  
174-175

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

RTLT : 24h 21m 52s

↓ 0812 SLEW->HELIO-4A

1200 RTLT=24h 22m 0s

0000 RTLT=24h 22m 6s

VOYAGER 1

FDSL : 11AF

CCSL : A047  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 26 [D] - | 0825

1815 |----- 63 [D] -----| 2155

0330 |----- 15 [D] -----|

2145 |----- 65 [D] -----| 0420

DSN COVERAGE  
HPTXR

32 0945 |----- 34 [o] -----| 1730

HPTXR

RTLT : 19h 19m 4s

1200 RTLT=19h 19m 6s

0000 RTLT=19h 19m 8s

VOYAGER 2

FDSL : 11AF

CCSL : B120  
TWNC : ON  
SB : OFF XB : HIGH  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER 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

ISSUE DATE: 06/16/03 - 14:40

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 24, 2003  
175-176

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

RTLT : 24h 22m 6s

↓ 0812 SLEW->HELIO-3A

1200 RTLT=24h 22m 14s

0000 RTLT=24h 22m 22s

VOYAGER 1

1453 | 1454 PWS/RH

FDSL : 11AF

U/L 2050 | - - - - - TLC (SHORT-FORM) - - - - -

CCSL : A047  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

▼ 2030 DUMMY (20:52)

1453  
GS-4B 1454

FDS MODE  
XB DATA RATE (MI)

CR-5T

CR-5T

160(32)

160(32)

31

----- 15 [D] ----- | 0955

1910 | - - - - - 63 [T] - - - - - | 0010

14 [D] 0630 | - - -

DSN COVERAGE  
HPTXR

0000 | - - - - - 65 [D] - - - - - | 0415

32

----- 45 [D] ----- | 0740 - 1515

1800 | - - - - - 43 [B] - - - - - | 0010

HPTXR

RTLT : 19h 19m 8s

1200 RTLT=19h 19m 12s

0000 RTLT=19h 19m 14s

VOYAGER 2

1344 | 1345 PWS/RH

FDSL : 11AF

▼ 1827 DUMMY (5 MIN BRACKETED 13:47)

CCSL : B120  
TWNC : ON  
SB : OFF XB : HIGH  
PYR : .05/ .10/ .25  
GYROS : OFF

1344  
GS-4B 1345

FDS MODE  
XB DATA RATE (MI)

CR-5T

CR-5T

160(32)

160(32)

VOYAGER COVERAGE

----- ON CALL ----- | - - - - - VGR - - - - - | ----- ON CALL -----

NOTES

[1] S/C 32=GS-4B @ 1344 XB=2.8K(41) NOT RECOVERABLE  
[2] S/C 31=GS-4B @ 1453 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

ISSUE DATE: 06/16/03 - 14:40

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 25, 2003  
176-177

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

RTLT : 24h 22m 22s

1200 RTLT=24h 22m 28s

0000 RTLT=24h 22m 36s

VOYAGER 1

| PLSCAL -| 0709 - 0851

| --- MAGCAL ---| 0709 - 1011

FDSL : 11AF

| --- PESCAL ---| 0709 - 1029

CCSL : A047

----- TLC (SHORT-FORM) ----- + D/L -| 2240

TWNC : ON

SB : OFF XB : LOW

↓ 0812 SLEW->HELIO-2A

PYR : .05/ .10/ .25

GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

----- 14 [D] -----| 1045

0320 |----- 25 [D] -----

1025 |----- 45 [D] -----| 1525

1710 |----- 63 [D] -----| 2245

DSN COVERAGE

HPTXR

32

0800 |----- 34 [D] -----| 1620

HPTXR

RTLT : 19h 19m 14s

1200 RTLT=19h 19m 16s

0000 RTLT=19h 19m 18s

VOYAGER 2

FDSL : 11AF

CCSL : B120

TWNC : ON

SB : OFF XB : HIGH

PYR : .05/ .10/ .25

GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER 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

ISSUE DATE: 06/16/03 - 14:40

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  
JUNE 26, 2003  
177-178

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

RTLT : 24h 22m 36s

↓ 0812 SLEW->HELIO-1A

VOYAGER 1

FDSL : 11AF

CCSL : A047  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

↓ 2003 GYROS BC ON  
↓ 2004 GYRO INIT  
↓ 2013 GYRO FAULT TEST

↓ 1945 PLS OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

31 ----- 25 [D] ----- | 1130

1700 | ----- 63 [D] ----- | 2245

0105 | ----- 15 [D] -----

HPTXR  
DSN COVERAGE

32 | ----- 45 [D] ----- | 0730 - 1310

HPTXR

RTLT : 19h 19m 18s

1200 RTLT=19h 19m 20s

0000 RTLT=19h 19m 24s

VOYAGER 2

FDSL : 11AF

CCSL : B120  
TWNC : ON  
SB : OFF XB : HIGH  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

VOYAGER 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

ISSUE DATE: 06/16/03 - 14:40

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  
JUNE 27, 2003  
178-179

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

RTLT : 24h 22m 50s

1200 RTLT=24h 22m 58s

0000 RTLT=24h 23m 6s

VOYAGER 1

2054 | 2055 PWS/RH

FDSL : 11AF

1751 | | 1806 TAPPOS

2301 | 2301 TAPPOS

CCSL : A047  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : BC ON

2054  
GS-4B 2055

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

CR-5T  
160(32)

31 -- 15 [D] - | 0840

1850 | ----- 63 [D] ----- | 2250

0420 | --- 14 [D] ---

0100 | ----- 15 [D] ----- | 0440

DSN COVERAGE  
HPTXR

32 0755 | ----- 34 [D] ----- | 1455

HPTXR

RTLT : 19h 19m 24s

1200 RTLT=19h 19m 26s

0000 RTLT=19h 19m 28s

VOYAGER 2

FDSL : 11AF

CCSL : B120  
TWNC : ON  
SB : OFF XB : HIGH  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

VOYAGER COVERAGE

----- ON CALL -----

NOTES

[1] S/C 31=GS-4B @ 2054 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



ISSUE DATE: 06/16/03 - 14:40

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 28, 2003  
179-180

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

RTLT : 24h 23m 6s

1200 RTLT=24h 23m 14s

0000 RTLT=24h 23m 22s

VOYAGER 1

FDSL : 11AF

CCSL : A047  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : BC ON

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 14 [D] - 0830

1845 |----- 63 [D] -----| 2245

0100- 0615 |----- 15 [D] -----|

DSN COVERAGE  
HPTXR

32 |----- 45 [D] -----| 0725- 1210

1620 |----- 34 [o] -----| 2255

43 [D] 0640 |

HPTXR

RTLT : 19h 19m 28s

1200 RTLT=19h 19m 32s

0000 RTLT=19h 19m 34s

VOYAGER 2

FDSL : 11AF

CCSL : B120  
TWNC : ON  
SB : OFF XB : HIGH  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER 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

ISSUE DATE: 06/16/03 - 14:40

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 29, 2003  
180-181

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

RTLT : 24h 23m 22s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A047  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : BC ON

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

1200 RTLT=24h 23m 30s 0000 RTLT=24h 23m 38s

31 0115 |-----26 [D]-----

DSN COVERAGE HPTXR

32 -----43 [D]-----|1100 1410 |-----43 [D]-----|1710

HPTXR

RTLT : 19h 19m 34s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B120  
 TWNC : ON  
 SB : OFF XB : HIGH  
 PYR : .05/ .10/ .25  
 GYROS : OFF

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

1200 RTLT=19h 19m 36s 0000 RTLT=19h 19m 40s

VOYAGER 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