

ISSUE DATE: 08/06/02 - 10:51

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 1, 2002
213-214

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 : 23h 33m 56s

1200 RTLTL=23h 34m 6s

0000 RTLTL=23h 34m 18s

VOYAGER 1

TLC (SHORT-FORM)

D/L - 0102

FDSL : 11AF

S/C 31 STATUS

↓ 2248 SLEW->HELIO-12B

CCSL : A044
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : AB ON

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -23.686 sec

ROLLREF = RIGIL
KENTAURUS

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31 15 [D] -- 0850

1555 |----- 65 [D] -----| 2320

0210 |----- 15 [D] -----|

HPTXR

0830 |----- 45 [D] -----| 1400

2300 |----- 63 [D] -----| 0230

DSN COVERAGE

32

|----- 43 [B] -----| 0745 - 2010

0445 |----- 45 [D] -----|

HPTXR

RTLTL : 18h 33m 8s

1200 RTLTL=18h 33m 16s

0000 RTLTL=18h 33m 22s

VOYAGER 2

S/C 32 STATUS

▼ 1647 DUMMY (5 MIN BRACKETED 11:21)

▼ 1745 DMRO BHEL1 TIC1 (12:18)

▼ 1845 DMRO BHEL1 TIC2 (13:18)

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -1:59.150 sec

ROLLREF = VEGA

CCSL : B116
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: 08/06/02 - 10:51

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 2, 2002
214-215

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 : 23h 34m 18s

1200 RTLTL=23h 34m 28s 0000 RTLTL=23h 34m 38s

VOYAGER 1

1741 | 1742 PWS/RH

↓ 2148 BAY 1 HTR OFF

↓ 2152 X/B HI POWER

↓ 2248 SLEW->HELIO-13B

↓ 0222 AAI

FDSL : 11AF

0225 |----- MAGROL -----

CCSL : A044

1439 |---| 1521 TAPPOS

1949 |---| 2017 TAPPOS

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : AB ON

1741
GS-4B 1742

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

CR-5T
160(32)

31 --- 15 [D] --- | 0855

1935 |----- 63 [D] ----- | 0120

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

DSN COVERAGE
HPTXR

32 ----- 45 [D] ----- | 1755

0515 |--- 34 [D] ---

HPTXR

RTLTL : 18h 33m 22s

1200 RTLTL=18h 33m 30s 0000 RTLTL=18h 33m 38s

VOYAGER 2

* *
1218 |---| 1247 CCSMRO

FDSL : 11AF

* *
1318 |---| 1347 CCSMRO

CCSL : B116

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 ----- |----- VGR -----

NOTES

- [1] S/C 31=GS-4B @ 1741 XB=2.8K(41) NOT RECOVERABLE
- [2] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0225-0821)

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: 08/06/02 - 10:51

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 3, 2002
215-216

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 : 23h 34m 38s

1200 RTLT=23h 34m 50s

0000 RTLT=23h 35m 0s

VOYAGER 1

- ↓ 0814 RAI
- ↓ 0821 CRU
- ↓ 0821 GYROS OFF
 - ↓ 0918 X/B LOW POWER
 - ↓ 0922 BAY 1 HTR ON

FDSL : 11AF

CCSL : A044
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10/ .25
GYROS : AB ON

↓ 2248 SLEW->HELIO-14B

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31 --- 15 [D] -- | 0900
0840 |----- 45 [D] ----- | 1145
1550 |----- 65 [D] ----- | 1935
2250 |----- 63 [D] ----- | 0215
0155 |----- 15 [D] -----

DSN COVERAGE
HPTXR

32 --- | 0755 34 [D]
|----- 43 [o] ----- | 0745 - 2105
0435 |--- 45 [D] ---

HPTXR

RTLT : 18h 33m 38s

1200 RTLT=18h 33m 44s

0000 RTLT=18h 33m 52s

VOYAGER 2

FDSL : 11AF

CCSL : B116
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0225-0821)

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: 08/06/02 - 10:51

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
AUGUST 4, 2002
216-217

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 : 23h 35m 0s

1200 RTLT=23h 35m 12s

0000 RTLT=23h 35m 22s

↓ 2248 SLEW->HELIO-15B

VOYAGER 1

FDSL : 11AF

CCSL : A044
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] - | 0840

1555 |----- 65 [D] ----- | 1950

0155 |----- 15 [D] -----

HPTXR

1930 |----- 63 [D] ----- | 0215

DSN COVERAGE

32

----- 45 [D] ----- | 1200

HPTXR

0430 |--- 45 [D] ---

RTLT : 18h 33m 52s

1200 RTLT=18h 34m 0s

0000 RTLT=18h 34m 6s

VOYAGER 2

FDSL : 11AF

CCSL : B116
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 -----

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: 08/06/02 - 10:51

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 5, 2002
217-218

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 : 23h 35m 22s

1200 RTLT=23h 35m 34s

0000 RTLT=23h 35m 44s

↓ 2248 SLEW->HELIO-16B

VOYAGER 1

FDSL : 11AF

CCSL : A044
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] - - | 0835

1540 | - - - - - 65 [D] - - - - - | 1905

0150 | - - - - - 15 [D] - - - - -

HPTXR

0815 | - - - - - 34 [D] - - - - - | 1240

2245 | - - - - - 63 [D] - - - - - | 0210

DSN COVERAGE

32

43 [B] 0645 |

HPTXR

- - - - - 45 [D] - - - - - | 1405

RTLT : 18h 34m 6s

1200 RTLT=18h 34m 14s

0000 RTLT=18h 34m 22s

VOYAGER 2

FDSL : 11AF

CCSL : B116
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 - - - - -

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: 08/06/02 - 10:51

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
AUGUST 6, 2002
218-219

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 : 23h 35m 44s

1200 RTLTL=23h 35m 56s

0000 RTLTL=23h 36m 8s

VOYAGER 1

1118 | 1119 PWS/RH

↓ 2249 SLEW->HELIO-17B

FDSL : 11AF

CCSL : A044
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1118
GS-4B 1119

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31 - - 15 [D] - - | 0850 1535 | - - - - - 65 [D] - - - - - | 0100 | - - - - - 15 [D] - - - - - | 0120

DSN COVERAGE
HPTXR

32 - - - - - 43 [B] - - - - - | 1815 1755 | - - - 45 [D] - - - - - | 2040 0420 | - - - 45 [D] - - - - -

HPTXR

RTLTL : 18h 34m 22s

1200 RTLTL=18h 34m 30s

0000 RTLTL=18h 34m 36s

VOYAGER 2

1010 | 1011 PWS/RH

▼ 1647 DUMMY (5 MIN BRACKETED 11:22)

FDSL : 11AF

CCSL : B116
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1010
GS-4B 1011

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

CR-5T
160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 32=GS-4B @ 1010 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 1118 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: 08/06/02 - 10:51

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 7, 2002
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

RTLT : 23h 36m 8s

1200 RTLT=23h 36m 18s

0000 RTLT=23h 36m 30s

↓ 2249 SLEW->HELIO-18B

VOYAGER 1

FDSL : 11AF

CCSL : A044
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] - 0830

1530

2355

----- 15 [D] -----

----- 65 [D] -----

0015

DSN COVERAGE
HPTXR

32

45 [D]

1905

0455

--- 34 [D] ---

HPTXR

RTLT : 18h 34m 36s

1200 RTLT=18h 34m 44s

0000 RTLT=18h 34m 52s

VOYAGER 2

FDSL : 11AF

CCSL : B116
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 -----

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: 08/06/02 - 10:51

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 8, 2002
220-221

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 : 23h 36m 30s

1200 RTLT=23h 36m 40s

0000 RTLT=23h 36m 52s

VOYAGER 1

↓ 2249 SLEW->HELIO-19B

FDSL : 11AF

U/L 0000 | - | - - - - - TLC (SHORT-FORM) - - - - -

CCSL : A044
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

▼ 2045 DUMMY (20:22)

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 15 [D] - | 0825

0140 | - - - - - 15 [D] - - - - -

1935 | - - - - - 63 [T] - - - - - | 0200

DSN COVERAGE HPTXR

32 - - - | 0745 34 [D]

0420 | - - - 45 [D] - - - |

- - - - - 43 [D] - - - - - | 0725 - 1605
1545 | - - - - 45 [D] - - - - | 1845

HPTXR

RTLT : 18h 34m 52s

1200 RTLT=18h 35m 0s

0000 RTLT=18h 35m 8s

VOYAGER 2

FDSL : 11AF

CCSL : B116
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: 08/06/02 - 10:51

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 9, 2002
221-222

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 : 23h 36m 52s

1200 RTLTL=23h 37m 4s 0000 RTLTL=23h 37m 14s

VOYAGER 1

1719 | 1720 PWS/RH

↓ 2249 SLEW->HELIO-20B

FDSL : 11AF

----- TLC (SHORT-FORM) -----

----- D/L - | 0105 -----

CCSL : A044
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1416 | - - | 1458 TAPPOS

1926 | - - | 1954 TAPPOS

1719
GS-4B 1720

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31 - - 15 [D] - - | 0835

1525 | - - - - - 65 [D] - - - - -

2330 | - - - - - 15 [D] - - - - -

| 2350

DSN COVERAGE
HPTXR

32

----- 45 [D] - - - - - | 2020 -----

HPTXR

RTLTL : 18h 35m 8s

1200 RTLTL=18h 35m 16s

0000 RTLTL=18h 35m 24s

VOYAGER 2

FDSL : 11AF

CCSL : B116
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 -----

NOTES

[1] S/C 31=GS-4B @ 1719 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: 08/06/02 - 10:51

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 10, 2002
222-223

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 : 23h 37m 14s

1200 RTLT=23h 37m 26s

0000 RTLT=23h 37m 36s

VOYAGER 1

FDSL : 11AF

CCSL : A044
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] - | 0835

1520 | ----- 65 [D] ----- | 1920

0135 | ----- 15 [D] -----

2245 | ----- 63 [D] ----- | 0155

DSN COVERAGE
HPTXR

32

1005 | ----- 45 [D] ----- | 2005

0405 | ----- 45 [D] -----

HPTXR

RTLT : 18h 35m 24s

1200 RTLT=18h 35m 32s

0000 RTLT=18h 35m 40s

VOYAGER 2

FDSL : 11AF

CCSL : B116
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 -----

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: 08/06/02 - 10:51

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
AUGUST 11, 2002
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

RTLT : 23h 37m 36s

1200 RTLT=23h 37m 48s

0000 RTLT=23h 38m 0s

VOYAGER 1

FDSL : 11AF

CCSL : A044
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] - 0830

1515 |----- 65 [D] -----| 2310

2250 |----- 15 [D] -----|

DSN COVERAGE
HPTXR

32

----- 45 [D] -----| 2000

HPTXR

RTLT : 18h 35m 40s

1200 RTLT=18h 35m 48s

0000 RTLT=18h 35m 56s

VOYAGER 2

FDSL : 11AF

CCSL : B116
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 -----|

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: 08/06/02 - 10:51

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 12, 2002
224-225

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 : 23h 38m 0s

1200 RTLT=23h 38m 12s

0000 RTLT=23h 38m 22s

VOYAGER 1

FDSL : 11AF

CCSL : A044
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1930 |----- 63 [D] -----| 0145

0120- 0650 |----- 15 [D] -----| 0630

DSN COVERAGE

HPTXR 15 [D] | 0815

32

|----- 45 [D] -----| 0720 - 1205

1205 |----- 43 [o] -----| 1815

HPTXR

RTLT : 18h 35m 56s

1200 RTLT=18h 36m 6s

0000 RTLT=18h 36m 14s

VOYAGER 2

↓ 1900 BEGIN SEQUENCE B117

FDSL : 11AF

CCSL : B116
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 -----

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: 08/06/02 - 10:51

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
AUGUST 13, 2002
225-226

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 : 23h 38m 22s

1200 RTLT=23h 38m 34s

0000 RTLT=23h 38m 46s

VOYAGER 1

FDSL : 11AF

1055 | 1056 PWS/RH

1107 |----- DTR MAINT -----| 1631

CCSL : A044
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1636 || 1638 TAPPOS

0247 | PLSCAL -| 0429

0247 |---- MAGCAL ----| 0549

0247 |---- PESCAL ----| 0607

1055
GS-4B 1056

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

CR-5T

160(32)

31

43 [D] | 1025

1005 |----- 45 [D] -----| 1315

2245 |----- 25 [D] -----

DSN COVERAGE

HPTXR

32

0930 |----- 34 [D] -----| 1705

1645 |----- 45 [D] -----| 2010

0430 |---- 34 [D] ----

HPTXR

RTLT : 18h 36m 14s

1200 RTLT=18h 36m 22s

0000 RTLT=18h 36m 30s

VOYAGER 2

0947 || 0948 PWS/RH

FDSL : 11AF

CCSL : B117
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

0947
GS-4B 0948

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

CR-5T

160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 32=GS-4B @ 0947 XB=2.8K(41) NOT RECOVERABLE

[2] S/C 31=GS-4B @ 1055 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: 08/06/02 - 10:51

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 14, 2002
226-227

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 : 23h 38m 46s

1200 RTLT=23h 38m 56s

0000 RTLT=23h 39m 8s

VOYAGER 1

↓ 0250 SLEW->HELIO-19A

FDSL : 11AF

U/L 0030 | - | - - - - - TLC (SHORT-FORM) - - - - -

CCSL : A044
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

▼ 0000 DUMMY (23:39)

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

25 [D] | 0800

| - - - - - 45 [D] - - - - - | 0740 - 1310

1930 | - - - - - 63 [T] - - - - - | 0140

0235 - 0650 | - - - - - 45 [D] 0630 | - - -

15 [D] - - - - - |

DSN COVERAGE
HPTXR

32

- - - - | 0750 34 [D]

| - - - - - 43 [B] - - - - - | 0730 - 1725

HPTXR

RTLT : 18h 36m 30s

1200 RTLT=18h 36m 40s

0000 RTLT=18h 36m 48s

VOYAGER 2

▼ 1647 DUMMY (5 MIN BRACKETED 11:24)

FDSL : 11AF

CCSL : B117
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 - - - - - | - - - - - 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: 08/06/02 - 10:51

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 15, 2002
227-228

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 : 23h 39m 8s

1200 RTLTL=23h 39m 20s

0000 RTLTL=23h 39m 32s

↓ 0250 SLEW->HELIO-18A

VOYAGER 1

FDSL : 11AF

CCSL : A044
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

----- TLC (SHORT-FORM) ----- | D/L -| 0137

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

----- 45 [D] ----- | 1200

2320 | ----- 25 [D] ----- | 0320 0445 | --- 15 [D] ---

DSN COVERAGE
HPTXR

32

----- 43 [D] ----- | 0720 - 1400

0345 | ----- 45 [D] -----

HPTXR

RTLTL : 18h 36m 48s

1200 RTLTL=18h 36m 56s

0000 RTLTL=18h 37m 4s

VOYAGER 2

FDSL : 11AF

CCSL : B117
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 -----

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: 08/06/02 - 10:51

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 16, 2002
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

RTLT : 23h 39m 32s

1200 RTLT=23h 39m 42s 0000 RTLT=23h 39m 54s

VOYAGER 1

1656 | 1657 PWS/RH

↓ 0251 SLEW->HELIO-17A

FDSL : 11AF

CCSL : A044
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1354 | - - | 1436 TAPPOS

1903 | - - | 1931 TAPPOS

1656
GS-4B 1657

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31 15 [D] | 0805 2245 | - - - - - 15 [D] - - - - -
| - - 34 [D] - - | 0745 - 0945

DSN COVERAGE
HPTXR

32 - - | 0740 45 [D] 0415 | - - - 34 [D] - - - -
| - - - - - 43 [D] - - - - - | 0720 - 1800

HPTXR

RTLT : 18h 37m 4s

1200 RTLT=18h 37m 14s 0000 RTLT=18h 37m 22s

VOYAGER 2

FDSL : 11AF

CCSL : B117
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 - - - - -

NOTES

[1] S/C 31=GS-4B @ 1656 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: 08/06/02 - 10:51

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 17, 2002
229-230

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 : 23h 39m 54s

1200 RTLT=23h 40m 6s

0000 RTLT=23h 40m 18s

↓ 0251 SLEW->HELIO-16A

VOYAGER 1

FDSL : 11AF

CCSL : A044

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] | 0810

2300 |----- 25 [D] -----

1945 |----- 54 [D] -----| 2320

DSN COVERAGE
HPTXR

32 --- 34 [D] ---| 0915

1615 |----- 34 [D] -----| 1945

0420 |--- 34 [D] ---

HPTXR

RTLT : 18h 37m 22s

1200 RTLT=18h 37m 32s

0000 RTLT=18h 37m 40s

VOYAGER 2

FDSL : 11AF

CCSL : B117

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 -----

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: 08/06/02 - 10:51

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
AUGUST 18, 2002
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

RTLT : 23h 40m 18s

1200 RTLT=23h 40m 30s

0000 RTLT=23h 40m 40s

↓ 0251 SLEW->HELIO-15A

VOYAGER 1

FDSL : 11AF

CCSL : A044
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

0745 25 [D]

0110

15 [D]

43 [D] 0725- 1350

1905

63 [D]

0120

DSN COVERAGE
HPTXR

32

34 [D] 1220

0430

34 [D]

HPTXR

RTLT : 18h 37m 40s

1200 RTLT=18h 37m 50s

0000 RTLT=18h 37m 58s

VOYAGER 2

FDSL : 11AF

CCSL : B117
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

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