

ISSUE DATE: 07/24/02 - 08:15

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
JULY 25, 2002
206-207

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 31m 28s

1200 RTLTL=23h 31m 38s

0000 RTLTL=23h 31m 48s

VOYAGER 1

S/C 31 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -23.773 sec

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

ROLLREF = RIGIL
KENTAURUS

↓ 2247 SLEW->HELIO-6B

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31 0700 25 [D]

1950

63 [D]

0250

----- 43 [D] -----

1110

----- 34 [D] -----

1335

0230

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

0500

HPTXR

DSN COVERAGE

32

----- 45 [D] -----

1430

1435

----- 43 [B] -----

2110

HPTXR

RTLTL : 18h 31m 36s

1200 RTLTL=18h 31m 42s

0000 RTLTL=18h 31m 48s

VOYAGER 2

S/C 32 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -1:18.266 sec

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

ROLLREF = VEGA

▼ 1747 DUMMY (5 MIN BRACKETED 12:19)

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: 07/24/02 - 08:15

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
JULY 26, 2002
207-208

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 31m 48s

1200 RTLTL=23h 32m 0s

0000 RTLTL=23h 32m 10s

VOYAGER 1

1804 | 1805 PWS/RH

↓ 2247 SLEW->HELIO-7B

FDSL : 11AF

↓ 0111 GYRO INIT

↓ 0111 GYROS AB ON

↓ 0121 GYRO FAULT TEST

CCSL : A044

1502 | - - - | 1544 TAPPOS

2011 | - - | 2040 TAPPOS

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

0214 || 0220 CCSTIM(B)

1804
GS-4B 1805

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

CR-5T

160(32)

31 |----- 43 [D] -----| 0725 - 1125

1950 |----- 63 [D] -----| 0230 |----- 25 [D] -----| 0250

DSN COVERAGE
HPTXR

32 |----- 45 [D] -----| 0730 - 1445

1425 |----- 43 [D] -----| 2105

HPTXR

RTLTL : 18h 31m 48s

1200 RTLTL=18h 31m 56s

0000 RTLTL=18h 32m 2s

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

[1] S/C 31=GS-4B @ 1804 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: 07/24/02 - 08:15

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
JULY 27, 2002
208-209

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 32m 10s

1200 RTLT=23h 32m 20s

0000 RTLT=23h 32m 30s

↓ 2247 SLEW->HELIO-8B

VOYAGER 1

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 --- 25 [D] --- | 0905

2240 | ----- 63 [D] ----- | 0245
0230 |----- 25 [D] -----

DSN COVERAGE
HPTXR

32 |----- 45 [D] ----- | 0730 - 1530

HPTXR

RTLT : 18h 32m 2s

1200 RTLT=18h 32m 8s

0000 RTLT=18h 32m 14s

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: 07/24/02 - 08:15

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
JULY 28, 2002
209-210

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 32m 30s

1200 RTLT=23h 32m 42s

0000 RTLT=23h 32m 52s

↓ 2247 SLEW->HELIO-9B

VOYAGER 1

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 0705 25 [D] 0525 - - 15 [D] - -

----- 43 [D] ----- | 0735 - 1350

2020 | ----- 54 [D] ----- | 0020

DSN COVERAGE
HPTXR

32 | ----- 45 [D] ----- | 0730 - 1535

HPTXR

RTLT : 18h 32m 14s

1200 RTLT=18h 32m 20s

0000 RTLT=18h 32m 28s

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: 07/24/02 - 08:15

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
JULY 29, 2002
210-211

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 32m 52s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A044
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : AB ON

1200 RTLT=23h 33m 2s
 0000 RTLT=23h 33m 12s

↓ 2247 SLEW->HELIO-10B

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

31 --- 15 [D] --- | 0905
 1720 | --- 65 [D] --- | 2005
 1945 | --- 63 [D] --- | 2335
 0235 | --- 15 [D] ---

DSN COVERAGE HPTXR
 32 | --- 43 [D] --- | 0735 - 2135
 43 [o] 0645 |

HPTXR

RTLT : 18h 32m 28s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B116
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=18h 32m 34s
 0000 RTLT=18h 32m 40s

FDS MODE CR-5T
 XB DATA RATE (MI) 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: 07/24/02 - 08:15

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
JULY 30, 2002
211-212

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 12s
VOYAGER 1
FDSL : 11AF
CCSL : A044
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : AB ON

1200 RTLTL=23h 33m 24s | 0000 RTLTL=23h 33m 34s

1141 | 1142 PWS/RH

↓ 2247 SLEW->MIDPNT
↓ 0211 GYRO INIT

1141 GS-4B 1142

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

DSN COVERAGE

HPTXR 31 --- 15 [D] --- | 0900 0015 | --- 15 [D] ---

0845 | --- 45 [D] --- | 1405 1650 | --- 54 [D] --- | 1945 2235 | --- 65 [D] --- | 0035

HPTXR 32 --- 43 [o] --- | 1400 0500 | --- 45 [D] ---

RTLTL : 18h 32m 40s
VOYAGER 2
FDSL : 11AF
CCSL : B116
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=18h 32m 48s | 0000 RTLTL=18h 32m 54s

1033 | 1034 PWS/RH

1033 GS-4B 1034

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

VOYAGER COVERAGE --- ON CALL ---

NOTES [1] S/C 32=GS-4B @ 1033 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 1141 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: 07/24/02 - 08:15

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
JULY 31, 2002
212-213
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 34s
VOYAGER 1
FDSL : 11AF
CCSL : A044
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : AB ON

1200 RTLTL=23h 33m 44s
0000 RTLTL=23h 33m 56s
2248 SLEW->HELIO-11B
2046 ALL DB=.05
2102 AAI
U/L 0000 | - | - - - - - TLC (SHORT-FORM) - - - - -
2103 | - | - | 2140 ASCAL
2137 RAI
2140 CRU
2148 ROLL=.25
2148 YAW=.10
2149 GYRO FAULT TEST
2215 DUMMY (21:49)

FDS MODE	CR-5T	2031 EL-40	2143 CR-5T
XB DATA RATE (MI)	160(32)	40(30)	160(32)

31 --- 15 [D] --- | 0900
1600 | - - - - - 65 [D] - - - - - | 2010
1950 | - - - - - 63 [T] - - - - - | 0110
0050 | - - - - - 15 [D] - - - - -

HPTXR
DSN COVERAGE
32 - - - - - 45 [D] - - - - - | 2045
HPTXR

RTLTL : 18h 32m 54s
VOYAGER 2
FDSL : 11AF
CCSL : B116
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=18h 33m 2s
0000 RTLTL=18h 33m 8s

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

VOYAGER COVERAGE - - - - - ON CALL - - - - - + - - VGR - - - - - ON CALL - - - - -

NOTES [1] S/C 31 - D/L AGC/SNR VARIATIONS EXPECTED DURING ASCAL (2103-2140)

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: 07/24/02 - 08:15

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

↓ 2248 SLEW->HELIO-12B

VOYAGER 1

TLC (SHORT-FORM)

D/L - 0102

FDSL : 11AF

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

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

FDSL : 11AF

▼ 1647 DUMMY (5 MIN BRACKETED 11:21)

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

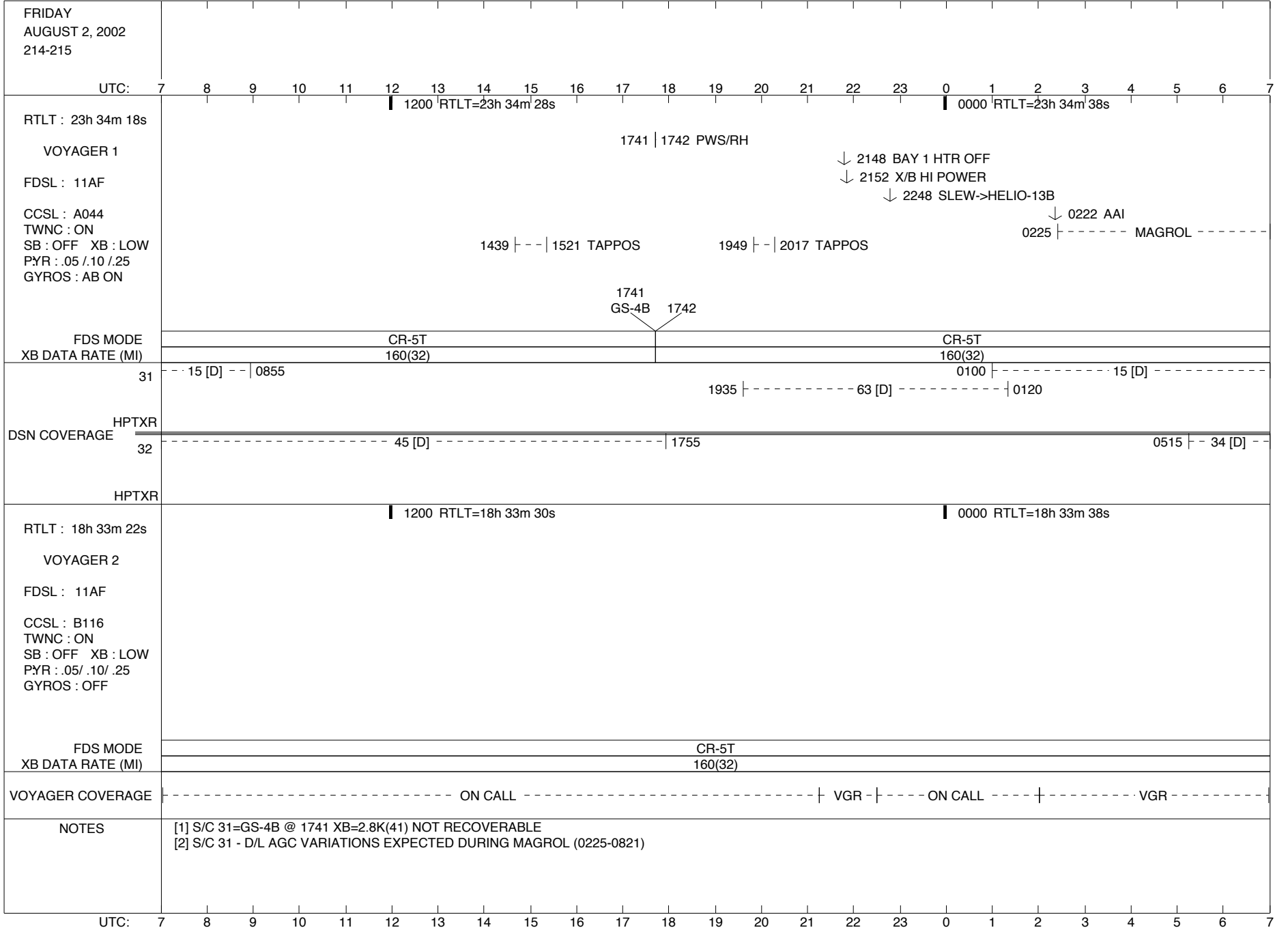
ON CALL

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: 07/24/02 - 08:15

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



ISSUE DATE: 07/24/02 - 08:15

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

FDSL : 11AF

CCSL : A044

TWNC : ON

SB : OFF XB : HI

PYR : .05 / .10 / .25

GYROS : AB ON

↓ 0814 RAI

↓ 0821 CRU

↓ 0821 GYROS OFF

↓ 0918 X/B LOW POWER

↓ 0922 BAY 1 HTR ON

-----| 0821 MAGROL

↓ 2248 SLEW->HELIO-14B

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

--- 15 [D] -- | 0900

0840 |----- 45 [D] ----- | 1145

2250 |----- 63 [D] ----- | 0215

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

1550 |----- 65 [D] ----- | 1935

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: 07/24/02 - 08:15

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: 07/24/02 - 08:15

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: 07/24/02 - 08:15

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] - - - - -

DSN COVERAGE
HPTXR

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

HPTXR

1755 | - - - - - 45 [D] - - - - - | 2040

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: 07/24/02 - 08:15

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

RTLTL : 23h 36m 8s

1200 RTLTL=23h 36m 18s

0000 RTLTL=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

0425

34 [D] -----

HPTXR

RTLTL : 18h 34m 36s

1200 RTLTL=18h 34m 44s

0000 RTLTL=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: 07/24/02 - 08:15

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

FDSL : 11AF

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

↓ 2249 SLEW->HELIO-19B

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

▼ 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: 07/24/02 - 08:15

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: 07/24/02 - 08:15

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: 07/24/02 - 08:15

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] ----- 2250 |----- 15 [D] ----- 2310

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