

ISSUE DATE: 08/29/02 - 08:44

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 29, 2002  
241-242

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 44m 36s

1200 RTLT=23h 44m 48s

0000 RTLT=23h 45m 0s

↓ 0253 SLEW->HELIO-5A

VOYAGER 1

S/C 31 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:  
ADD TO S/C EVENT  
ERT: -23.493 sec

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

ROLLREF = RIGIL  
KENTAURUS

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

31

0705 25 [D]

2330

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

----- 34 [D] ----- | 0705 - 1105

HPTXR

DSN COVERAGE

32

----- 43 [D] ----- | 0705 - 1935

HPTXR

RTLT : 18h 41m 8s

1200 RTLT=18h 41m 18s

0000 RTLT=18h 41m 28s

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

VOYAGER 2

S/C 32 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:  
ADD TO S/C EVENT  
ERT: -2:02.582 min

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

ROLLREF = VEGA

- ↓ 1301 GYRO INIT
- ↓ 1301 GYROS AC ON
- ↓ 1301 MEMUPD SELECT AAB GYROS
- ↓ 1311 GYRO FAULT TEST

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: 08/29/02 - 08:44

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

<p>FRIDAY AUGUST 30, 2002 242-243</p>	
<p>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</p> <p>RTLTL : 23h 45m 0s</p> <p>VOYAGER 1</p> <p>FDSL : 11AF</p> <p>CCSL : A044 TWNC : ON SB : OFF XB : LOW PYR : .05/ .10/ .25 GYROS : BC ON</p> <p>FDS MODE</p> <p>XB DATA RATE (MI)</p>	<p>1200   RTLTL=23h 45m 12s</p> <p>1611   1612 PWS/RH</p> <p>1308     1322 TAPPOS</p> <p>1818    1819 TAPPOS</p> <p>↓ 2053 YAW=.10</p> <p>↓ 1951 ALL DB=.05</p> <p>↓ 2007 AAI</p> <p>2008   - -   2045 ASCAL</p> <p>↓ 2045 GYROS OFF</p> <p>↓ 2042 RAI</p> <p>↓ 2045 CRU</p> <p>↓ 2053 ROLL=.25</p> <p>↓ 0253 SLEW-&gt;HELIO-4A</p> <p>1611 GS-4B 1612</p> <p>1936 2048</p> <p>CR-5T EL-40 CR-5T</p> <p>160 (32) 40(30) 160(32)</p>
<p>31</p> <p>DSN COVERAGE</p> <p>HPTXR</p> <p>32</p> <p>HPTXR</p>	<p>  0715 15 [D]</p> <p>1840   - - - - - 63 [D] - - - - -   0030</p> <p>1430   - - - - - 65 [D] - - - - -   1900</p> <p>- - - - - 45 [D] - - - - -   0705 - 1900</p> <p>0010 - 0700   - - - - - 25 [D] - - - - -</p>
<p>RTLTL : 18h 41m 28s</p> <p>VOYAGER 2</p> <p>FDSL : 11AF</p> <p>CCSL : B117 TWNC : ON SB : OFF XB : LOW PYR : .05/ .10/ .25 GYROS : AC ON</p> <p>FDS MODE</p> <p>XB DATA RATE (MI)</p>	<p>1200   RTLTL=18h 41m 38s</p> <p>0000   RTLTL=18h 41m 48s</p> <p>- - - - - COMMAND MORATORIUM - - - - -   1819</p> <p>CR-5T</p> <p>160 (32)</p>
<p>VOYAGER COVERAGE</p>	<p>- - - - - ON CALL - - - - -   - - VGR - -   - - - - - ON CALL - - - - -</p>
<p>NOTES</p>	<p>[1] S/C 31=GS-4B @ 1611 XB=2.8K(41) NOT RECOVERABLE</p> <p>[2] S/C 31 - D/L AGC/SNR VARIATIONS EXPECTED DURING ASCAL (2008-2045)</p>
<p>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</p>	

ISSUE DATE: 08/29/02 - 08:44

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 31, 2002  
243-244

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 45m 24s

1200 RTLTL=23h 45m 36s

0000 RTLTL=23h 45m 48s

↓ 0254 SLEW->HELIO-3A

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 0700 25 [D]

----- 43 [D] ----- | 0710 - 1305

1725 | ----- 65 [D] ----- | 2150

2130 - 0655 | ----- 25 [D] ----- |

DSN COVERAGE HPTXR

32 0830 | ----- 34 [D] ----- | 1515

HPTXR

RTLTL : 18h 41m 48s

1200 RTLTL=18h 41m 58s

0000 RTLTL=18h 42m 8s

↓ 1301 GYRO INIT

VOYAGER 2

FDSL : 11AF

CCSL : B117  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05 / .10 / .25  
GYROS : AC 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: 08/29/02 - 08:44

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  
SEPTEMBER 1, 2002  
244-245

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 45m 48s

1200 RTLT=23h 46m 0s

0000 RTLT=23h 46m 12s

↓ 0254 SLEW->HELIO-2A

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

1430 |----- 65 [D] -----| 1850

1830 |----- 63 [D] -----| 0020

DSN COVERAGE  
HPTXR

32

|----- 34 [D] -----| 0745 - 1840

HPTXR

RTLT : 18h 42m 8s

1200 RTLT=18h 42m 18s

0000 RTLT=18h 42m 28s

VOYAGER 2

FDSL : 11AF

CCSL : B117  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05 / .10 / .25  
GYROS : AC 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: 08/29/02 - 08:44

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  
SEPTEMBER 2, 2002  
245-246

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 46m 12s

1200 RTLT=23h 46m 24s

0000 RTLT=23h 46m 36s

↓ 0254 SLEW->HELIO-1A

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 |----- 45 [D] -----| 0705 - 1155 |----- 1445 |----- 54 [D] -----| 2215 |----- 43 [D] 0630 |-----

1445

2155 - 0645 |----- 25 [D] -----|

DSN COVERAGE  
HPTXR

32 |----- 43 [D] -----| 0705 - 1820 |----- 0555 | 34 [D] |-----

HPTXR

RTLT : 18h 42m 28s

1200 RTLT=18h 42m 38s

0000 RTLT=18h 42m 50s

VOYAGER 2

↓ 1301 GYRO INIT

FDSL : 11AF

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

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

VOYAGER COVERAGE

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

NOTES

**JPL HOLIDAY**

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: 08/29/02 - 08:44

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  
SEPTEMBER 3, 2002  
246-247

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 46m 36s

1200 RTLT=23h 46m 48s

0000 RTLT=23h 47m 0s

VOYAGER 1

0948 | 0948 PWS/RH

FDSL : 11AF

U/L 2100 | - | - - - - - TLC (SHORT-FORM) - - - - -

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

▼ 2035 DUMMY (20:22)

0948  
GS-4B  
0948

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

CR-5T  
160(32)

31 - - - - - 43 [D] - - - - - 1250

1845 | - - - - - 63 [T] - - - - - 0020

0550 | 34 [D] | -

0000 - 0610 | - - - - - 25 [D] - - - - - |

DSN COVERAGE  
HPTXR

32 - - - - - 34 [D] - - - - - 1830

0530 | 43 [D] | -

HPTXR

RTLT : 18h 42m 50s

1200 RTLT=18h 43m 0s

0000 RTLT=18h 43m 10s

VOYAGER 2

1148 | - - - - - COMMAND MORATORIUM - - - - -

0838 | 0839 PWS/RH

BAY 1 HTR OFF 0602 ↓  
X/B HI POWER 0606 ↓

FDSL : 11AF

TAPPOS 0418 | - - - - | 0528

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

0838  
GS-4B  
0839

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160 (32)

CR-5T  
160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 32=GS-4B @ 0838 XB=2.8K(41) NOT RECOVERABLE  
[2] S/C 31=GS-4B @ 0948 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: 08/29/02 - 08:44

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  
SEPTEMBER 4, 2002  
247-248

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 47m 0s

1200 RTLT=23h 47m 12s

0000 RTLT=23h 47m 24s

VOYAGER 1

FDSL : 11AF

----- TLC (SHORT-FORM) ----- | D/L - | 2215

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

----- 34 [D] ----- | 1050

1435

----- 65 [D] ----- | 1835

0150 - 0640

----- 25 [D] ----- | 43 [D] 0700

HPTXR

1820 |----- 54 [D] ----- | 2215

DSN COVERAGE

32

----- 43 [D] ----- | 1815

0305 |----- 34 [D] -----

HPTXR

RTLT : 18h 43m 10s

1200 RTLT=18h 43m 20s

0000 RTLT=18h 43m 30s

VOYAGER 2

0702 YAW=.05

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

FDSL : 11AF

↓ 1400 YAW=.10

↓ 1402 GYRO INIT

0534 | TAPPOS

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

----- PLAYBACK ----- | 0710 - 1346

FDS MODE  
XB DATA RATE (MI)

0710

1346

PB-14

1.4K(39)

CR-5T

160(32)

VOYAGER COVERAGE

----- VGR -----

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

NOTES

[1] S/C 32=CR-5T @ 0839 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

ISSUE DATE: 08/29/02 - 08:44

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  
SEPTEMBER 5, 2002  
248-249

# 25th Anniversary of Voyager 1 Launch, 1977-248/12:56:01 UTC

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 47m 24s

1200 RTLT=23h 47m 36s

0000 RTLT=23h 47m 48s

↓ 2054 SLEW->HELIO-1B

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 --- 43 [D] --- | 0700 - 0920

1600 |----- 63 [D] ----- | 0005

2345 - 0635 |----- 25 [D] ----- |

DSN COVERAGE HPTXR

32 --- 34 [D] --- | 0920

1320 |----- 34 [D] ----- | 1825

0535 | 34 [D] |

HPTXR

RTLT : 18h 43m 30s

1200 RTLT=18h 43m 42s

0000 RTLT=18h 43m 52s

VOYAGER 2

FDSL : 11AF

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

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

COMMAND MORATORIUM - | 1122  
1206 |-----

COMMAND MORATORIUM -----

GYRO FAULT TEST STOP 0605 ↓

GYRO INIT 0620 ↓

GYROS BC ON 0620 ↓

GYRO FAULT TEST 0630 ↓

--- | 0745 TAPPOS

VOYAGER COVERAGE

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

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: 08/29/02 - 08:44

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  
SEPTEMBER 6, 2002  
249-250

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 47m 48s

1200 RTLTL=23h 47m 58s 0000 RTLTL=23h 48m 10s

VOYAGER 1

1548 | 1549 PWS/RH

↓ 2055 SLEW->HELIO-2B

FDSL : 11AF

1246 | 1259 TAPPOS

1755 | 1756 TAPPOS

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

1548  
GS-4B 1549

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

CR-5T  
160(32)

31

1435 |----- 65 [D] -----| 2320

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

0815 |----- 45 [D] -----| 1145

2330 |----- 25 [D] -----| 0440

DSN COVERAGE  
HPTXR

32

----- 34 [D] -----| 1815

HPTXR

RTLTL : 18h 43m 52s

1200 RTLTL=18h 44m 2s 0000 RTLTL=18h 44m 14s

VOYAGER 2

--- COMMAND MORATORIUM ---| 1136

FDSL : 11AF

| 0721 - 0727 CCSTIM(B)

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

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 31=GS-4B @ 1548 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: 08/29/02 - 08:44

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  
SEPTEMBER 7, 2002  
250-251

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 48m 10s

1200 RTLT=23h 48m 22s

0000 RTLT=23h 48m 34s

↓ 2055 SLEW->HELIO-3B

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 ----- 45 [D] ----- | 1000

1830 |----- 63 [D] -----| 0000

2340- 0640 |----- 15 [D] -----|

HPTXR  
DSN COVERAGE

32 |----- 43 [o] -----| 0705- 1500

HPTXR

RTLT : 18h 44m 14s

1200 RTLT=18h 44m 24s

0000 RTLT=18h 44m 34s

VOYAGER 2

FDSL : 11AF

CCSL : B117  
TWNC : ON  
SB : OFF XB : HI  
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: 08/29/02 - 08:44

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  
SEPTEMBER 8, 2002  
251-252

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 48m 34s

1200 RTLT=23h 48m 46s

0000 RTLT=23h 48m 58s

↓ 2055 SLEW->HELIO-4B

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

1805 |----- 65 [D] -----| 2105

0525 |-- 34 [D] --|

HPTXR

2045 |----- 15 [D] -----| 0330

DSN COVERAGE

32

----- 43 [o] -----| 0715- 1500

45 [D] 0700

HPTXR

1200 RTLT=18h 44m 46s

0000 RTLT=18h 44m 56s

RTLT : 18h 44m 34s

VOYAGER 2

FDSL : 11AF

CCSL : B117  
TWNC : ON  
SB : OFF XB : HI  
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: 08/29/02 - 08:44

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  
SEPTEMBER 9, 2002  
252-253

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 48m 58s

1200 RTLT=23h 49m 10s

0000 RTLT=23h 49m 22s

↓ 2055 SLEW->HELIO-5B

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 ----- 34 [D] ----- | 1025

1800 |----- 54 [D] ----- | 2155

2135 |----- 15 [D] ----- | 0335

DSN COVERAGE  
HPTXR

32 ----- 45 [D] ----- | 0700 - 1825

43 [B] 0645 |

HPTXR

RTLT : 18h 44m 56s

1200 RTLT=18h 45m 6s

0000 RTLT=18h 45m 18s

VOYAGER 2

FDSL : 11AF

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

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER COVERAGE

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

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: 08/29/02 - 08:44

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  
SEPTEMBER 10, 2002  
253-254

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 49m 22s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A044  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05 / .10 / .25  
 GYROS : OFF

1200 RTLT=23h 49m 34s  
 0000 RTLT=23h 49m 46s

↓ 2055 SLEW->HELIO-6B

0116 | PLSCAL - | 0259  
 0116 | --- MAGCAL --- | 0419  
 0116 | --- PESCAL --- | 0436

FDS MODE  
 XB DATA RATE (MI)

CR-5T  
 160(32)

31  
 1420 |----- 65 [D] -----| 2300  
 2240 |----- 25 [D] -----| 0450

HPTXR  
 DSN COVERAGE

32  
 ----- 43 [B] -----| 1845

HPTXR

RTLT : 18h 45m 18s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B117  
 TWNC : ON  
 SB : OFF XB : HI  
 PYR : .05 / .10 / .25  
 GYROS : BC ON

1200 RTLT=18h 45m 28s  
 0000 RTLT=18h 45m 40s

↓ 0736 ALL DB=.05  
 ↓ 0752 AAI  
 0753 |---| 0830 ASCAL  
 ↓ 0828 RAI  
 ↓ 0830 CRU  
 ↓ 0839 ROLL=.25  
 ↓ 0839 YAW=.10  
 ↓ 0840 GYRO FAULT TEST

▼ 1542 DUMMY (5 MIN BRACKETED 10:28)

0721 0833  
 EL-40  
 40(30)

FDS MODE  
 XB DATA RATE (MI)

CR-5T  
 160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 32=CR-5T @ 0721 XB=  
 [2] S/C 32 - D/L AGC/SNR VARIATIONS EXPECTED DURING ASCAL (0753-0830)

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: 08/29/02 - 08:44

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  
SEPTEMBER 11, 2002  
254-255

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 49m 46s

1200 RTLT=23h 49m 58s

0000 RTLT=23h 50m 10s

VOYAGER 1

U/L 2020 |-----| TLC (SHORT-FORM) -----

FDSL : 11AF

↓ 2056 SLEW->HELIO-7B

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

▼ 1945 DUMMY (19:35)

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

1820

63 [T]

2340

2320 - 0620

15 [D]

0600

45 [D]

DSN COVERAGE  
HPTXR

32

0900

45 [D]

1420

1400

34 [D]

1800

0515

34 [D]

HPTXR

RTLT : 18h 45m 40s

1200 RTLT=18h 45m 50s

0000 RTLT=18h 46m 2s

VOYAGER 2

FDSL : 11AF

CCSL : B117  
TWNC : ON  
SB : OFF XB : HI  
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

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: 08/29/02 - 08:44

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  
SEPTEMBER 12, 2002  
255-256

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 50m 10s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A044  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05 /.10 /.25  
 GYROS : OFF

1200 RTLTL=23h 50m 22s  
 0000 RTLTL=23h 50m 34s

TLC (SHORT-FORM) | D/L -| 2138  
 ↓ 2056 SLEW->HELIO-8B

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

31 ----- 45 [D] ----- | 1040  
 1715 |----- 54 [D] ----- | 2140  
 2130 |----- 15 [D] ----- | 0600  
 0540 | 34 [D] | -

HPTXR  
 DSN COVERAGE

32 ----- 34 [D] ----- | 1040  
 1410 |----- 34 [D] ----- | 1800  
 HPTXR

RTLTL : 18h 46m 2s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B117  
 TWNC : ON  
 SB : OFF XB : HI  
 PYR : .05 /.10 /.25  
 GYROS : BC ON

1200 RTLTL=18h 46m 12s  
 0000 RTLTL=18h 46m 24s

1913 |----- COMMAND MORATORIUM -----

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: 08/29/02 - 08:44

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  
SEPTEMBER 13, 2002  
256-257

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 50m 34s  
VOYAGER 1  
FDSL : 11AF  
CCSL : A044  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05 /.10 /.25  
GYROS : OFF

1200 RTLT=23h 50m 46s  
0000 RTLT=23h 50m 58s  
↓ 2056 SLEW->HELIO-9B

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

DSN COVERAGE HPTXR  
31 ----- 34 [D] ----- | 1010  
1805 |----- 63 [D] -----| 2335  
2315 - 0615 |----- 15 [D] -----|

32 |----- 43 [B] -----| 0705 - 1700  
0510 |----- 34 [D] -----|

HPTXR

RTLT : 18h 46m 24s  
VOYAGER 2  
FDSL : 11AF  
CCSL : B117  
TWNC : ON  
SB : OFF XB : HI  
PYR : .05 /.10 /.25  
GYROS : BC ON

1200 RTLT=18h 46m 34s  
0000 RTLT=18h 46m 46s  
----- COMMAND MORATORIUM -----

↓ 0731 AAI  
|----- MAGROL -----| 0734 - 1330  
↓ 1322 RAI  
↓ 1330 CRU  
↓ 1330 GYROS OFF

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

VOYAGER COVERAGE ----- VGR ----- |----- ON CALL -----|

NOTES [1] S/C 32 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0734-1330)

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: 08/29/02 - 08:44

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  
SEPTEMBER 14, 2002  
257-258

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 50m 58s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A044  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05 /.10 /.25  
 GYROS : OFF

1200 RTLT=23h 51m 10s  
 0000 RTLT=23h 51m 20s

↓ 2056 SLEW->HELIO-10B

FDS MODE  
 XB DATA RATE (MI)

CR-5T  
 160(32)

31 1545 |----- 65 [D] -----| 2135 0515 |-- 34 [D] --|

2115 |----- 25 [D] -----| 0150

DSN COVERAGE HPTXR  
 32 |----- 34 [D] -----| 1750 43 [D] 0655 |

HPTXR

RTLT : 18h 46m 46s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B117  
 TWNC : ON  
 SB : OFF XB : HI  
 PYR : .05 /.10 /.25  
 GYROS : OFF

1200 RTLT=18h 46m 56s  
 0000 RTLT=18h 47m 8s

COMMAND MORATORIUM | 1843

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: 08/29/02 - 08:44

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  
SEPTEMBER 15, 2002  
258-259

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 51m 20s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A044  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05 /.10 /.25  
 GYROS : OFF

1200 RTLT=23h 51m 32s  
 0000 RTLT=23h 51m 44s

↓ 2056 SLEW->MIDPNT

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

31 ----- 34 [D] ----- | 1005  
 1800 |----- 63 [D] -----| 2325  
 2305 |----- 15 [D] -----| 0305

HPTXR  
 DSN COVERAGE

32 ----- 43 [D] ----- | 1330  
 1310 |----- 34 [D] ----- | 1745

HPTXR

RTLT : 18h 47m 8s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B117  
 TWNC : ON  
 SB : OFF XB : HI  
 PYR : .05 /.10 /.25  
 GYROS : OFF

1200 RTLT=18h 47m 18s  
 0000 RTLT=18h 47m 30s

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