

ISSUE DATE: 10/27/99 - 08:09

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
OCTOBER 28, 1999
301-302

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 : 21h 7m 2s

1200 RTLTL=21h 7m 10s

0000 RTLTL=21h 7m 20s

VOYAGER 1

S/C 31 STATUS
FDS CLOCK DRIFT: ADD TO S/C EVENT ERT: -17.792 sec
ROLLREF = RIGIL KENTAURUS

1825 | - - TAPPOS - - | 2040

FDSL : 11AF

CCSL : A033
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31

1715 | - - - - - 24 [D] - - - - - | 0310

DSN COVERAGE
HPTXR

32

0725 43 [B]

2245 | - - - - - 43 [D] - - - - -

42 [o] - - - - - | 0720 - 1335

HPTXR

RTLTL : 16h 29m 54s

1200 RTLTL=16h 30m 6s

0000 RTLTL=16h 30m 18s

VOYAGER 2

S/C 32 STATUS
FDS CLOCK DRIFT: ADD TO S/C EVENT ERT: -7.027 sec
ROLLREF = VEGA

2323 | - | 2343 B105 CHKSUM

FDSL : 11AF

CCSL : B105
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: 10/27/99 - 08:09

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
OCTOBER 29, 1999
302-303

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 : 21h 7m 20s

1200 RTLT=21h 7m 28s

0000 RTLT=21h 7m 36s

VOYAGER 1

- ↓ 1910 GYROS BC ON
- ↓ 1911 GYRO INIT
- ↓ 1920 GYRO FAULT TEST
- 2015 || 2019 CCSTIM(B)

FDSL : 11AF

CCSL : A033
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

31

0935 |----- 65 [D] -----| 1500

1710 |----- 24 [D] -----| 0305

DSN COVERAGE
HPTXR

32

| 0720 43 [D] |----- 34 [D] -----| 0745 - 1445

2320 |----- 34 [D] -----| 0215 42 [o] 0655 |

HPTXR

RTLT : 16h 30m 18s

1200 RTLT=16h 30m 30s

0000 RTLT=16h 30m 40s

VOYAGER 2

FDSL : 11AF

CCSL : B105
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: 10/27/99 - 08:09

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
OCTOBER 30, 1999
303-304

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 : 21h 7m 36s

1200 RTLT=21h 7m 46s

0000 RTLT=21h 7m 54s

VOYAGER 1

FDSL : 11AF

CCSL : A033
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10 / .25
GYROS : ON

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

31 0830 |----- 63 [D] -----| 1530

2200 |---- 14 [D] ----| 0035

0025 |---- 24 [D] ----| 0305

DSN COVERAGE HPTXR

32 | 0715 43 [D] ----- 42 [o] ----- | 1335

0100 |----- 43 [D] -----

42 [D] 0655 |

HPTXR

1200 RTLT=16h 30m 52s

0000 RTLT=16h 31m 4s

RTLT : 16h 30m 40s

VOYAGER 2

FDSL : 11AF

CCSL : B105
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: 10/27/99 - 08:09

PDT: 0 1 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
OCTOBER 31, 1999
304-305

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 8

RTLT : 21h 7m 54s

VOYAGER 1

FDSL : 11AF

CCSL : A033
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10 / .25
GYROS : ON

1200 RTLT=21h 8m 4s

0000 RTLT=21h 8m 12s

↓ 1235 SLEW->ALPHA VIR

↓ 1535 SLEW->HELIO-4C

FDS MODE
XB DATA RATE (MI)

0835	0025
CR-5T	UV-5A
160 (32)	600(36)
CR-5T	CR-5T
160(32)	160(32)

31 0830 |----- 63 [D] -----| 1635 0010 |--- 24 [D] ---| 0300
1615 |----- 14 [D] -----| 0030

DSN COVERAGE HPTXR

32 | 0715 43 [D] |----- 42 [D] -----| 1330 0330 |----- 43 [D] -----| 0705
0645 | 42 [D] |

HPTXR

RTLT : 16h 31m 4s

VOYAGER 2

FDSL : 11AF

CCSL : B105
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLT=16h 31m 16s

0000 RTLT=16h 31m 26s

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 8

ISSUE DATE: 10/27/99 - 08:09

PST: 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
NOVEMBER 1, 1999
305-306

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLT : 21h 8m 12s

1200 RTLT=21h 8m 20s

0000 RTLT=21h 8m 30s

VOYAGER 1

U/L 1505 | - | - - - - - TLC (SHORT-FORM) - - - - -

FDSL : 11AF

CCSL : A033
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10 / .25
GYROS : ON

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31

0915 | - - - - - 63 [T] - - - - - | 1615

1915 | - - - - - 24 [D] - - - - - | 0255

DSN COVERAGE
HPTXR

32

- - - - - 42 [D] - - - - - | 1325

0535 | - - - 42 [o] - - -

HPTXR

RTLT : 16h 31m 26s

1200 RTLT=16h 31m 38s

0000 RTLT=16h 31m 50s

VOYAGER 2

FDSL : 11AF

CCSL : B105
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

VOYAGER COVERAGE

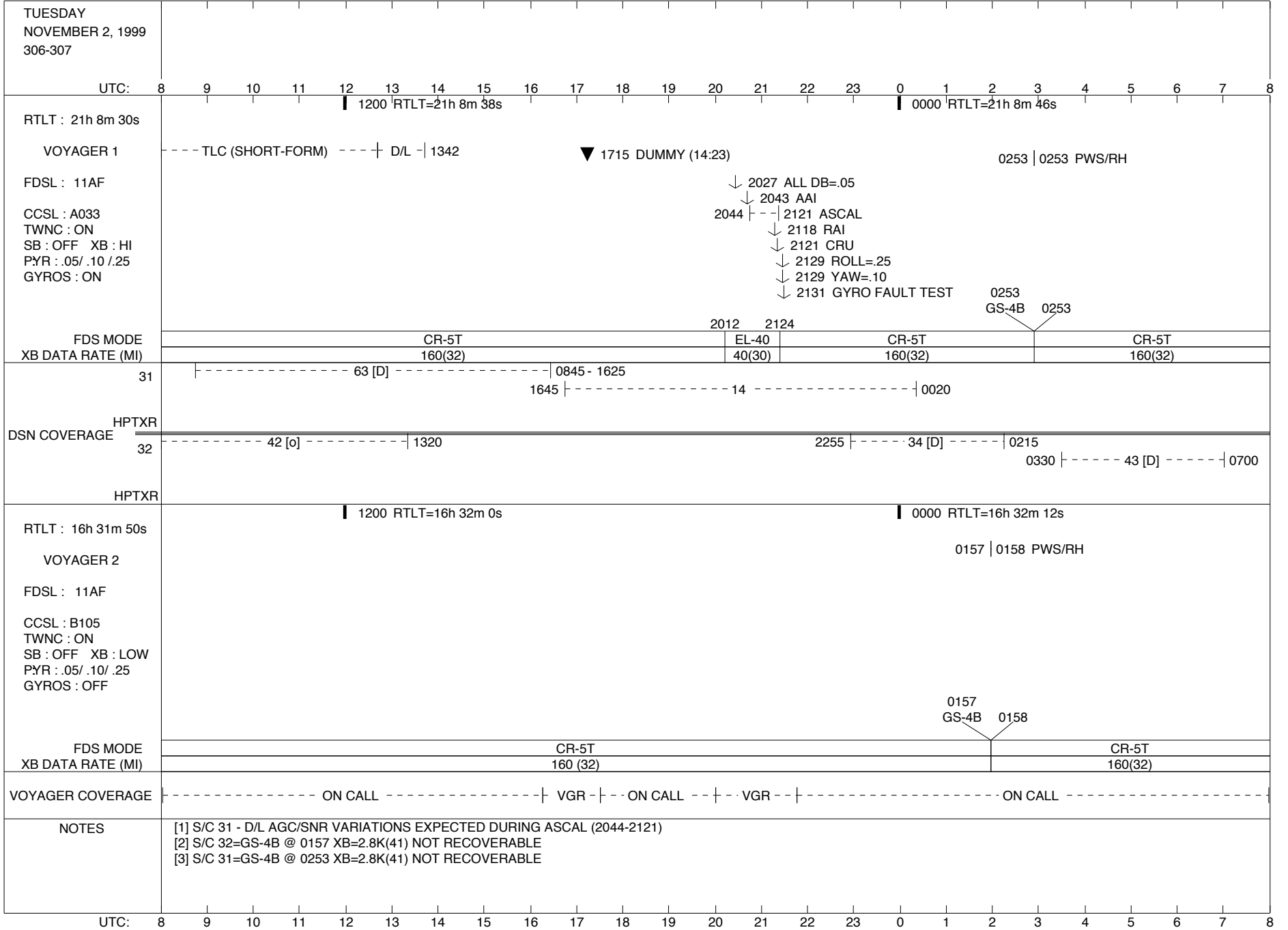
- - - - - ON CALL - - - - -

NOTES

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 10/27/99 - 08:09

PST: 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: 10/27/99 - 08:09

PST: 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
NOVEMBER 3, 1999
307-308

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLT : 21h 8m 46s

1200 RTLT=21h 8m 54s

0000 RTLT=21h 9m 4s

VOYAGER 1

FDSL : 11AF

CCSL : A033
TWNC : ON
SB : OFF XB : HI
PYR : .05 / .10 / .25
GYROS : ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1000 |----- 65 [D] -----| 1500

2230 |----- 24 [D] -----| 0250

DSN COVERAGE
HPTXR

32

|----- 42 [o] -----| 0845 - 1315

2220 |----- 43 [B] -----| 0635 | 42 [D] | 0655

HPTXR

RTLT : 16h 32m 12s

1200 RTLT=16h 32m 24s

0000 RTLT=16h 32m 34s

VOYAGER 2

FDSL : 11AF

CCSL : B105
TWNC : ON
SB : OFF XB : LOW
PYR : .05 / .10 / .25
GYROS : OFF

▼ 2307 DUMMY (BRACKETED 5MIN NO D/L)

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER COVERAGE

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

NOTES

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 10/27/99 - 08:09

PST: 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
NOVEMBER 4, 1999
308-309

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 21h 9m 4s

1200 RTLTL=21h 9m 12s

0000 RTLTL=21h 9m 20s

VOYAGER 1

FDSL : 11AF

CCSL : A033
TWNC : ON
SB : OFF XB : HI
PYR : .05 / .10 / .25
GYROS : ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1210 |----- 63 [D] -----| 1620

1645 |----- 24 [D] -----| 0245

DSN COVERAGE
HPTXR

32

HPTXR

----- 42 [D] -----| 1310

0505 |----- 42 [D] -----

RTLTL : 16h 32m 34s

1200 RTLTL=16h 32m 46s

0000 RTLTL=16h 32m 56s

VOYAGER 2

FDSL : 11AF

CCSL : B105
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: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 10/27/99 - 08:09

PST: 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
NOVEMBER 5, 1999
309-310

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 21h 9m 20s

1200 RTLTL=21h 9m 28s

0000 RTLTL=21h 9m 36s

VOYAGER 1

FDSL : 11AF

CCSL : A033
TWNC : ON
SB : OFF XB : HI
PYR : .05 / .10 / .25
GYROS : ON

↓ 1951 SLEW->HELIO-1C

↓ 2021 AAI

2024 |----- MAGROL -----| 0220

↓ 0213 RAI

↓ 0220 CRU

↓ 0220 GYROS OFF

SLEW->HELIO-2C 0751 ↓

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 |----- 63 [D] -----| 0810- 1200

2015 |----- 25 [D] -----| 0255

1645 |----- 24 [D] -----| 2035

DSN COVERAGE
HPTXR

32 |----- 42 [D] -----| 1305

0625 |----- 42 [O] -----|

0330 |----- 43 [D] -----| 0645

HPTXR

RTLTL : 16h 32m 56s

1200 RTLTL=16h 33m 8s

0000 RTLTL=16h 33m 20s

VOYAGER 2

FDSL : 11AF

CCSL : B105
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 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (2024-0220)

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 10/27/99 - 08:09

PST: 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
NOVEMBER 6, 1999
310-311

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 21h 9m 36s

1200 RTLTL=21h 9m 44s

0000 RTLTL=21h 9m 52s

VOYAGER 1

↓ 1951 SLEW->HELIO-3C

SLEW->HELIO-4C 0751 ↓

FDSL : 11AF

CCSL : A033
TWNC : ON
SB : OFF XB : HI
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31

-----63 [D] -----

| 0825 - 1145

1210 |-----54 [D] -----

| 1600

1640 |-----

24 [D] -----

| 0235

DSN COVERAGE
HPTXR

32

-----42 [o] -----

| 1300

0210 |-----

43 [D] -----

| 0640

HPTXR

RTLTL : 16h 33m 20s

1200 RTLTL=16h 33m 30s

0000 RTLTL=16h 33m 42s

VOYAGER 2

FDSL : 11AF

CCSL : B105
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: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 10/27/99 - 08:09

PST: 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
NOVEMBER 7, 1999
311-312

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 21h 9m 52s

1200 RTLTL=21h 10m 0s

0000 RTLTL=21h 10m 8s

VOYAGER 1

↓ 1951 SLEW->HELIO-5C

SLEW->HELIO-6C 0751 ↓

FDSL : 11AF

CCSL : A033
TWNC : ON
SB : OFF XB : HI
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31

----- 63 [D] ----- | 0825 - 1605
1705 |----- 24 [D] ----- | 0230

DSN COVERAGE
HPTXR

32

----- 42 [D] ----- | 0825 - 1300
2245 |----- 34 [D] ----- | 0210
0310 |----- 43 [D] ----- | 0635
0630 |----- 42 [D] -----

HPTXR

RTLTL : 16h 33m 42s

1200 RTLTL=16h 33m 52s

0000 RTLTL=16h 34m 4s

VOYAGER 2

FDSL : 11AF

CCSL : B105
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: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 10/27/99 - 08:09

PST: 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
NOVEMBER 8, 1999
312-313

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLT : 21h 10m 8s

1200 RTLT=21h 10m 16s

0000 RTLT=21h 10m 24s

VOYAGER 1

↓ 1951 SLEW->HELIO-7C

SLEW->HELIO-8C 0751 ↓

FDSL : 11AF

CCSL : A033
TWNC : ON
SB : OFF XB : HI
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 | --- 65 [D] --- | 0830 - 1045

2015 | ----- 24 [D] ----- | 0230

63 [D] 0755 |

DSN COVERAGE
HPTXR

32 | ----- 42 [D] ----- | 1255

0245 | ----- 42 [o] -----

HPTXR

RTLT : 16h 34m 4s

1200 RTLT=16h 34m 14s

0000 RTLT=16h 34m 26s

VOYAGER 2

FDSL : 11AF

CCSL : B105
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

[3] XB=1.2K(39)

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 10/27/99 - 08:09

PST: 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
NOVEMBER 10, 1999
314-315

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 21h 10m 40s

1200 RTLTL=21h 10m 48s

0000 RTLTL=21h 10m 54s

VOYAGER 1

1821 | PLSCAL -| 2003
1821 | --- MAGCAL ---| 2123
1821 | --- PESCAL ---| 2141

FDSL : 11AF

CCSL : A033
TWNC : ON
SB : OFF XB : HI
PYR : .05 / .10 / .25
GYROS : OFF

TLC

D/L -| 2234

↓ 2336 SLEW->MIDPNT-C

↓ 0254 X/B LOW POWER

↓ 0258 BAY 1 HTR ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

0935 | - 54 [D] - -| 1120

1625 | - - - - - 24 [D] - - - - -| 0220

DSN COVERAGE
HPTXR

32

| - - - - - 42 [D] - - - - -| 0845 - 1245

0155 | - - - - - 43 [D] - - - - -| 0625

HPTXR

RTLTL : 16h 34m 48s

1200 RTLTL=16h 34m 58s

0000 RTLTL=16h 35m 8s

VOYAGER 2

FDSL : 11AF

CCSL : B105
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: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 10/27/99 - 08:09

PST: 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
NOVEMBER 11, 1999
315-316

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLT : 21h 10m 54s

1200 RTLT=21h 11m 2s

0000 RTLT=21h 11m 10s

VOYAGER 1

↓ 1951 SLEW->HELIO-11C

SLEW->HELIO-12C 0751 ↓

FDSL : 11AF

▼ 2030 DUMMY (17:41)

CCSL : A033
TWNC : ON
SB : OFF XB : LOW
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31

1330 |----- 63 [D] -----| 1640

63 [D] 0740 |-----

1630 |----- 24 -----| 2315

DSN COVERAGE
HPTXR

32

0900 |----- 42 [o] -----| 1240

42 [D] 0730 |-----

0150 |----- 43 [D] -----| 0620

HPTXR

RTLT : 16h 35m 8s

1200 RTLT=16h 35m 20s

0000 RTLT=16h 35m 30s

VOYAGER 2

FDSL : 11AF

CCSL : B105
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: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 10/27/99 - 08:09

PST: 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
NOVEMBER 12, 1999
316-317

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLT : 21h 11m 10s

1200 RTLT=21h 11m 18s

0000 RTLT=21h 11m 24s

VOYAGER 1

↓ 1951 SLEW->HELIO-13C

SLEW->HELIO-14C 0752 ↓

FDSL : 11AF

CCSL : A033
TWNC : ON
SB : OFF XB : LOW
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31 ----- 63 [D] ----- | 1200 1615 | ----- 24 [D] ----- | 0215 63 [D] 0740 |

DSN COVERAGE
HPTXR

32 ----- 42 [D] ----- | 1240 2145 | ----- 43 [B] ----- | 0540 | --- 42 [o] --- | 0600

HPTXR

RTLT : 16h 35m 30s

1200 RTLT=16h 35m 42s

0000 RTLT=16h 35m 52s

VOYAGER 2

▼ 2227 DUMMY (BRACKETED 5MIN NO D/L)

FDSL : 11AF

CCSL : B105
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: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 10/27/99 - 08:09

PST: 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
NOVEMBER 13, 1999
317-318

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 21h 11m 24s

1200 RTLTL=21h 11m 32s

0000 RTLTL=21h 11m 40s

VOYAGER 1

↓ 1952 SLEW->HELIO-15C

SLEW->HELIO-16C 0752 ↓

FDSL : 11AF

CCSL : A033
TWNC : ON
SB : OFF XB : LOW
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31 ----- 63 [D] ----- | 1150

1510 |----- 14 [D] -----| 1850

1925 |----- 24 [D] -----| 0210

DSN COVERAGE
HPTXR

32 ----- 42 [o] ----- | 1235

0100 |----- 43 [D] -----| 0610

HPTXR

RTLTL : 16h 35m 52s

1200 RTLTL=16h 36m 2s

0000 RTLTL=16h 36m 14s

VOYAGER 2

FDSL : 11AF

CCSL : B105
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: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 10/27/99 - 08:09

PST: 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
NOVEMBER 14, 1999
318-319

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLT : 21h 11m 40s

1200 RTLT=21h 11m 46s

0000 RTLT=21h 11m 54s

VOYAGER 1

↓ 1952 SLEW->HELIO-17C

SLEW->HELIO-18C 0752 ↓

FDSL : 11AF

CCSL : A033
TWNC : ON
SB : OFF XB : LOW
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31

1145 |----- 65 [D] -----| 1520

1610 |----- 24 [D] -----| 2045

63 [D] 0730 |-----

DSN COVERAGE HPTXR

32

0905 |----- 42 [D] -----| 1230

2140 |----- 43 [D] -----| 0605

HPTXR

RTLT : 16h 36m 14s

1200 RTLT=16h 36m 24s

0000 RTLT=16h 36m 34s

VOYAGER 2

FDSL : 11AF

CCSL : B105
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: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8