

ISSUE DATE: 10/20/99 - 08:21

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 21, 1999
294-295

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 4m 50s

1200 RTLT=21h 5m 0s

0000 RTLT=21h 5m 8s

VOYAGER 1

S/C 31 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -17.721 sec

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

ROLLREF = RIGIL
KENTAURUS

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31

1740

24 [D]

0340

DSN COVERAGE
HPTXR

32

43 [B] | 0800

42 [D]

0745 - 1410

0430

43 [D]

HPTXR

RTLT : 16h 27m 10s

1200 RTLT=16h 27m 22s

0000 RTLT=16h 27m 34s

VOYAGER 2

S/C 32 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -6.294 sec

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

ROLLREF = VEGA

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: 10/20/99 - 08:21

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 22, 1999
295-296

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 5m 8s

1200 RTLT=21h 5m 18s

0000 RTLT=21h 5m 28s

VOYAGER 1

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

1700 |-----| 14 [D] |-----| 0110

DSN COVERAGE
HPTXR

32

|-----| 0755 43 [D]

2310 |-----| 43 [D]

|-----| 42 [o] |-----| 0735 - 1405

HPTXR

RTLT : 16h 27m 34s

1200 RTLT=16h 27m 46s

0000 RTLT=16h 27m 58s

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: 10/20/99 - 08:21

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 23, 1999
296-297

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 5m 28s

1200 RTLT=21h 5m 38s

0000 RTLT=21h 5m 46s

VOYAGER 1

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

1340 |-----63 [D]-----| 1710

1735 |-----24 [D]-----| 0330

DSN COVERAGE
HPTXR

32

0750 43 [D]

0305 |-----43 [D]-----|

|-----42 [D]-----| 0730 - 1400

HPTXR

RTLT : 16h 27m 58s

1200 RTLT=16h 28m 10s

0000 RTLT=16h 28m 22s

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: 10/20/99 - 08:21

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
OCTOBER 24, 1999
297-298

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 5m 46s

1200 RTLT=21h 5m 56s

0000 RTLT=21h 6m 6s

VOYAGER 1

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

1440 |--- 63 [D] ---| 1705

1800 |----- 24 [D] -----| 0125

HPTXR

DSN COVERAGE

32

|--- 0745 43 [D]

0125 |----- 43 [D] -----|

|----- 42 [o] -----| 0730 - 1355

HPTXR

RTLT : 16h 28m 22s

1200 RTLT=16h 28m 32s

0000 RTLT=16h 28m 44s

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: 10/20/99 - 08:21

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
OCTOBER 25, 1999
298-299

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 6m 6s

1200 RTLT=21h 6m 16s

0000 RTLT=21h 6m 24s

VOYAGER 1

U/L 2325 | - | - - - - - TLC (SHORT-FORM) - - - - -

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

1300 | - - - - - 63 [D] - - - - - | 1700

2300 | - - - - - 24 [T] - - - - - | 0325

DSN COVERAGE
HPTXR

32

0740 43 [D]

0530 | - 42 [D] -

| - - - - - 42 [D] - - - - - | 0720 - 1350
1330 | - - 45 [D] - - | 1525

HPTXR

RTLT : 16h 28m 44s

1200 RTLT=16h 28m 56s

0000 RTLT=16h 29m 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: 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: 10/20/99 - 08:21

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
OCTOBER 26, 1999
299-300

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 6m 24s
VOYAGER 1
FDSL : 11AF
CCSL : A033
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=21h 6m 34s
0000 RTLTL=21h 6m 42s

TLC (SHORT-FORM) -----| D/L -| 2100
0316 | 0316 PWS/RH
▼ 1710 DUMMY (14:16)

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

31 0850 |----- 63 [D] -----| 1655
1640 |----- 14 -----| 1935
1905 |----- 25 [D] -----| 0335

HPTXR
DSN COVERAGE
32 ----- 42 [D] -----| 1350
HPTXR

RTLTL : 16h 29m 8s
VOYAGER 2
FDSL : 11AF
CCSL : B105
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=16h 29m 20s
0000 RTLTL=16h 29m 32s

0220 | 0220 PWS/RH

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

0220 GS-4B 0220

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

NOTES
[1] S/C 32=GS-4B @ 0220 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 0316 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: 10/20/99 - 08:21

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
OCTOBER 27, 1999
300-301

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 6m 42s

VOYAGER 1

FDSL : 11AF

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

1200 RTLTL=21h 6m 52s

0000 RTLTL=21h 7m 2s

1708 |-----| 1820 TAPPOS

↓ 1852 BAY 1 HTR OFF

↓ 1856 X/B HI POWER

↓ 1952 YAW=.05

2001 |-----| PLAYBACK -----| 0237

↓ 0251 YAW=.10

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

2001

PB-14

1.4K(39)

0237

CR-5T

160(32)

31

0930 |-----| 65 [D] -----| 1500

1630 |-----| 14 [D] -----| 0415

DSN COVERAGE
HPTXR

32

0835 |-----| 42 [D] -----| 1345

2250 |-----| 43 [B] -----

HPTXR

RTLTL : 16h 29m 32s

VOYAGER 2

FDSL : 11AF

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

1200 RTLTL=16h 29m 42s

0000 RTLTL=16h 29m 54s

▼ 2327 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: 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: 10/20/99 - 08:21

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

RTLT : 21h 7m 2s

1200 RTLT=21h 7m 10s

0000 RTLT=21h 7m 20s

VOYAGER 1

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

RTLT : 16h 29m 54s

1200 RTLT=16h 30m 6s

0000 RTLT=16h 30m 18s

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: 10/20/99 - 08:21

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 0105 |----- 43 [D] -----| 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: 10/20/99 - 08:21

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

RTLT : 16h 30m 40s

1200 RTLT=16h 30m 52s

0000 RTLT=16h 31m 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: 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: 10/20/99 - 08:21

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

RTLTL : 21h 7m 54s

1200 RTLTL=21h 8m 4s

0000 RTLTL=21h 8m 12s

VOYAGER 1

↓ 1235 SLEW->ALPHA VIR

↓ 1535 SLEW->HELIO-4C

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

0835	0025
CR-5T	UV-5A
160(32)	600(36)
	CR-5T
	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 0055 |----- 43 [D] -----| 0705
0645 | 42 [D] |

HPTXR

RTLTL : 16h 31m 4s

1200 RTLTL=16h 31m 16s

0000 RTLTL=16h 31m 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

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: 10/20/99 - 08:21

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

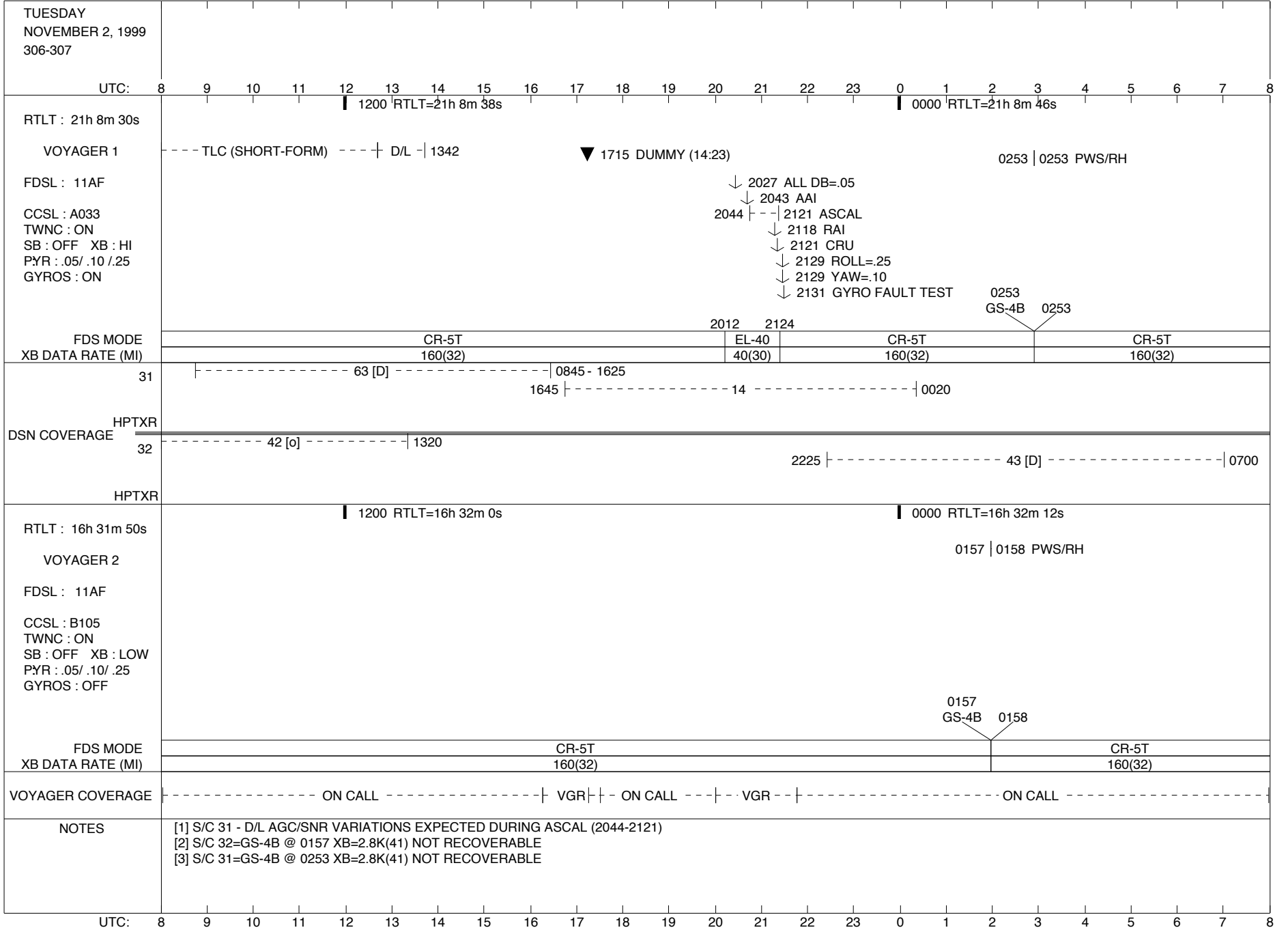
----- ON CALL -----

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: 10/20/99 - 08:21

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: 10/20/99 - 08:21

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: 10/20/99 - 08:21

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: 10/20/99 - 08:21

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

RTLT : 21h 9m 20s

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

1545 |--- 14 [D] ---| 1750

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

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

HPTXR
DSN COVERAGE

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

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

0215 |----- 43 [D] -----| 0645

HPTXR

RTLT : 16h 32m 56s

VOYAGER 2

FDSL : 11AF

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

1200 RTLT=16h 33m 8s

0000 RTLT=16h 33m 20s

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: 10/20/99 - 08:21

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 - 1610

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: 10/20/99 - 08:21

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
0025 |----- 43 [D] -----| 0630 |----- 42 [D] -----| 0635

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