

ISSUE DATE: 11/10/99 - 07:21

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 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

FDSL : 11AF

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

S/C 31 STATUS
FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -17.918 sec
ROLLREF = RIGIL
KENTAURUS

↓ 1951 SLEW->HELIO-11C

▼ 2030 DUMMY (17:41)

SLEW->HELIO-12C 0751 ↓

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

31

1330 |----- 63 [D] -----| 1640
1630 |----- 24 -----| 2315

63 [D] 0740 |-----

HPTXR
DSN COVERAGE

32

|----- 42 [D] -----| 0845 - 1240

0205 |----- 43 [B] -----| 0620
42 [D] 0730 |-----

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 : ON

S/C 32 STATUS
FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -8.423 sec
ROLLREF = VEGA

DUMMY (BRACKETED 5MIN NO D/L) 0237 ▼

COMMAND MORATORIUM 0555 |-----

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

VOYAGER COVERAGE

----- ON CALL ----- | VGR - |----- 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: 11/10/99 - 07:21

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 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 [D] ----- | 0600
0540 |----- 42 [D] -----

HPTXR

RTLT : 16h 35m 30s

1200 RTLT=16h 35m 42s

0000 RTLT=16h 35m 52s

VOYAGER 2

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

FDSL : 11AF

↓ 2200 BAY 1 HTR OFF

↓ 2204 X/B HI POWER

↓ 2310 AAI

2313 |----- MAGROL -----

↓ 0502 RAI

↓ 0509

↓ 0509 CRU

X/B LOW POWER 0531 ↓

BAY 1 HTR ON 0535 ↓

↓ 0509 GYROS OFF

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

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 32 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (2313-0509)

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: 11/10/99 - 07:21

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 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

RTLT : 21h 11m 24s

1200 RTLT=21h 11m 32s

0000 RTLT=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 [D] ----- | 1235

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

HPTXR

RTLT : 16h 35m 52s

1200 RTLT=16h 36m 2s

0000 RTLT=16h 36m 14s

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

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: 11/10/99 - 07:21

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 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

0920 |----- 42 [o] -----| 1230

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

HPTXR

RTLT : 16h 36m 14s

1200 RTLT=16h 36m 24s
--- COMMAND MORATORIUM --- | 1259

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

ISSUE DATE: 11/10/99 - 07:21

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 15, 1999
319-320

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 54s

1200 RTLT=21h 12m 0s

0000 RTLT=21h 12m 8s

VOYAGER 1

↓ 1952 SLEW->HELIO-19C

SLEW->HELIO-20C 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] ----- | 1530

2015 |----- 24 [D] ----- | 0125

DSN COVERAGE
HPTXR

32 |----- 42 [D] ----- | 0815 - 1225

2210 |----- 34 [D] ----- | 0145

HPTXR

RTLT : 16h 36m 34s

1200 RTLT=16h 36m 44s

0000 RTLT=16h 36m 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

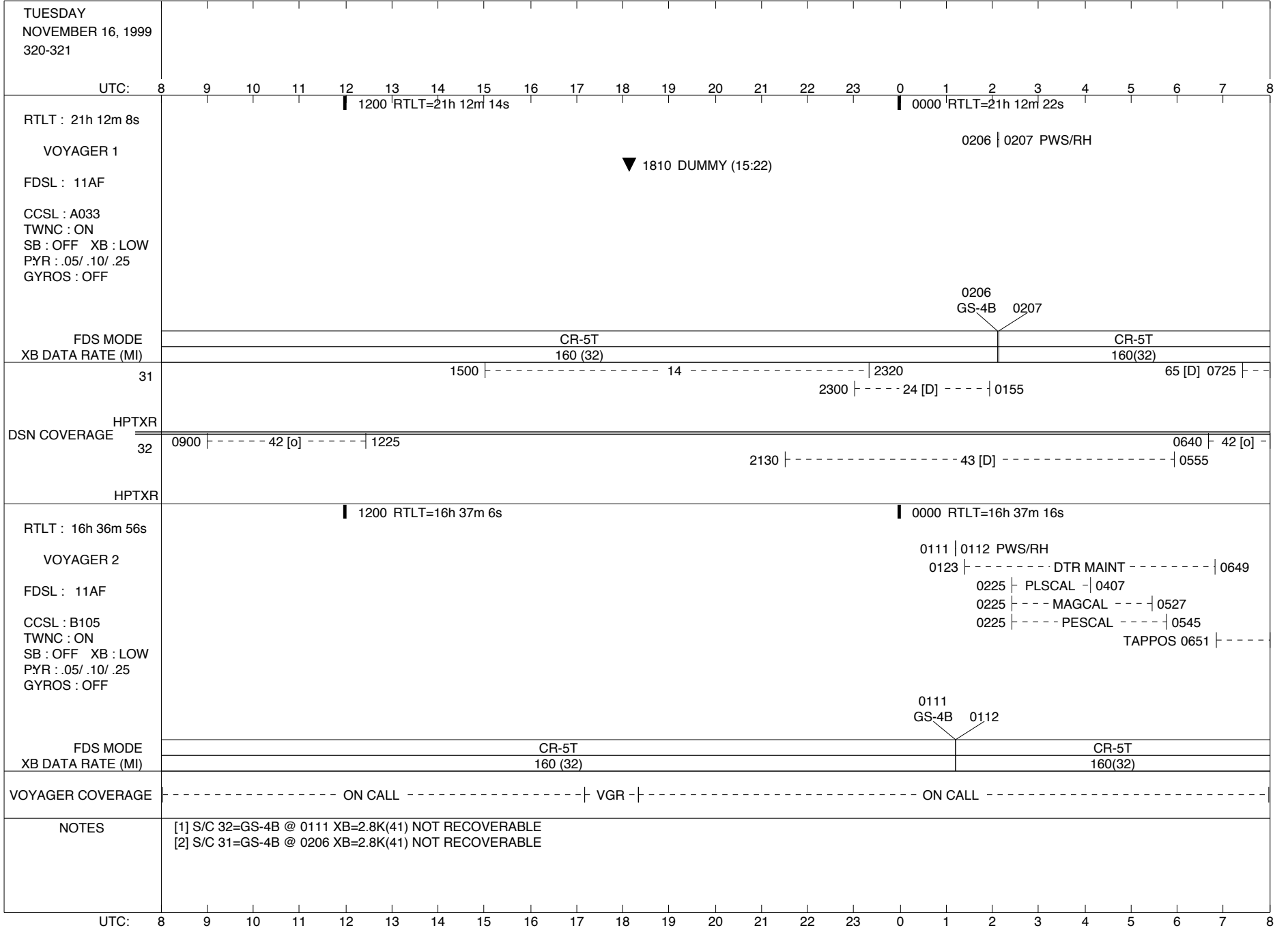
----- ON CALL -----

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: 11/10/99 - 07:21

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: 11/10/99 - 07:21

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 17, 1999
321-322

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 12m 22s

1200 RTLT=21h 12m 28s

0000 RTLT=21h 12m 36s

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 --- 65 [D] --- | 1015

1455 | ----- 14 [D] ----- | 1855

DSN COVERAGE
HPTXR

32 ----- 42 [o] ----- | 1220

2130 | ----- 43 [B] ----- | 0555

HPTXR

1200 RTLT=16h 37m 26s

0000 RTLT=16h 37m 36s

RTLT : 16h 37m 16s

VOYAGER 2

▼ 2212 DUMMY (BRACKETED 5MIN NO D/L)

FDSL : 11AF

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

TAPPOS | 0925

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: 11/10/99 - 07:21

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 18, 1999
322-323

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 12m 36s

1200 RTLT=21h 12m 42s

0000 RTLT=21h 12m 48s

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

0905 |----- 54 [D] -----| 1410

1945 |----- 24 [D] -----| 0150

DSN COVERAGE
HPTXR

32

|----- 42 [D] -----| 0845- 1215

2300 |----- 42 [D] -----| 0300 0600 |-- 42 [D] --|

HPTXR

0245 |----- 43 [D] -----| 0550

RTLT : 16h 37m 36s

1200 RTLT=16h 37m 46s

0000 RTLT=16h 37m 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: 11/10/99 - 07:21

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 19, 1999
323-324

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 12m 48s

1200 RTLTL=21h 12m 56s

0000 RTLTL=21h 13m 2s

SLEW->HELIO-1B 0737 ↓

VOYAGER 1

FDSL : 11AF

U/L 2035 | - | - - - - - TLC SHORT-FORM - - - - -

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

1230 | - - - - 63 [D] - - - - | 1500

2010 | - - - - - 24 [T] - - - - - | 0145

63 [D] 0725 | - - -

DSN COVERAGE
HPTXR

32

42 [D] - - - - - | 1210

0120 | - - - - - 43 [D] - - - - - | 0545
0525 | - - - - 42 [D] - - - -

HPTXR

RTLTL : 16h 37m 56s

1200 RTLTL=16h 38m 6s

0000 RTLTL=16h 38m 16s

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: 11/10/99 - 07:21

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 20, 1999
324-325

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 13m 2s

1200 RTLTL=21h 13m 8s

0000 RTLTL=21h 13m 14s

VOYAGER 1

↓ 1937 SLEW->HELIO-2B

SLEW->HELIO-3B 0737 ↓

FDSL : 11AF

----- TLC SHORT-FORM ----- + D/L -| 1916

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]

1455

63 [D] 0705 |-----

HPTXR

DSN COVERAGE

32

42 [D] -----| 1205

1450 |----- 14 [D] -----| 2305

2245 |----- 24 [D] -----| 0140

0130 |----- 42 [o] -----

HPTXR

RTLTL : 16h 38m 16s

1200 RTLTL=16h 38m 28s

0000 RTLTL=16h 38m 36s

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: 11/10/99 - 07:21

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 21, 1999
325-326

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 13m 14s

1200 RTLTL=21h 13m 22s

0000 RTLTL=21h 13m 28s

VOYAGER 1

↓ 1937 SLEW->HELIO-4B

SLEW->HELIO-5B 0737 ↓

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] -----| 1345

1450 |----- 14 [D] -----| 1900

1830 |----- 25 [D] -----| 0155

DSN COVERAGE
HPTXR

32

42 [o] -----| 1205

2330 |----- 43 [D] -----| 0510

0530 |----- 42 [D] -----

HPTXR

RTLTL : 16h 38m 36s

1200 RTLTL=16h 38m 46s

0000 RTLTL=16h 38m 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: 11/10/99 - 07:21

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 22, 1999
326-327

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 13m 28s

1200 RTLTL=21h 13m 34s

0000 RTLTL=21h 13m 40s

VOYAGER 1

↓ 1937 SLEW->HELIO-6B

FDSL : 11AF

▼ 2130 DUMMY (18:43)

SLEW->HELIO-7B 0737 ↓

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

----- 65 [D] ----- 0845 - 1500

2010 |----- 24 -----| 0135

DSN COVERAGE
HPTXR

32

----- 42 [D] ----- 1205

0235 |----- 42 [o] -----

HPTXR

RTLTL : 16h 38m 56s

1200 RTLTL=16h 39m 6s

0000 RTLTL=16h 39m 16s

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

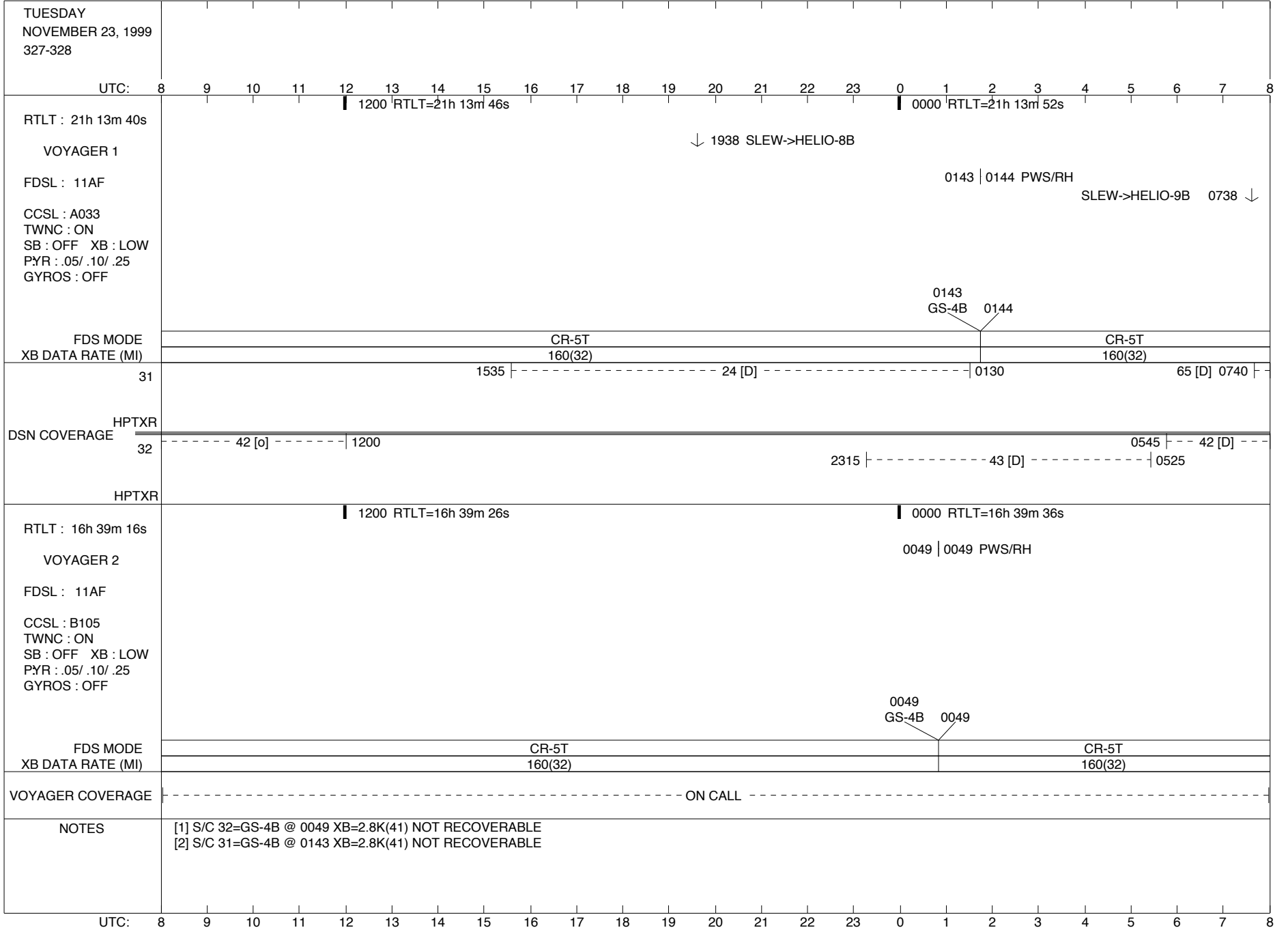
----- ON CALL ----- | VGR |----- ON CALL -----

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: 11/10/99 - 07:21

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: 11/10/99 - 07:21

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 24, 1999
328-329

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 13m 52s

1200 RTLT=21h 13m 58s

0000 RTLT=21h 14m 4s

↓ 1938 SLEW->HELIO-10B

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 --- 65 [D] --- | 1010

1445 |----- 14 [D] -----| 2110

2245 |--- 24 [D] ---| 0125

DSN COVERAGE
HPTXR

32 --- 42 [D] --- | 0945

2100 |----- 43 [B] -----| 0705

0645 | 42 [D] |

HPTXR

RTLT : 16h 39m 36s

1200 RTLT=16h 39m 46s

0000 RTLT=16h 39m 56s

VOYAGER 2

FDSL : 11AF

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

▼ 2142 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: 11/10/99 - 07:21

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 25, 1999
329-330

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 14m 4s

1200 RTLT=21h 14m 10s

0000 RTLT=21h 14m 16s

VOYAGER 1

↓ 1607 SLEW->MIDPNT-B

↓ 1938 SLEW->HELIO-11B

SLEW->HELIO-12B 0738 ↓

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

1610 |----- 24 [D] -----| 0120

0650 | 63 [D] |

DSN COVERAGE
HPTXR

32

----- 42 [D] ----- | 1150

2055 |----- 43 [D] -----| 0500
0445 |----- 42 [o] -----|

HPTXR

RTLT : 16h 39m 56s

1200 RTLT=16h 40m 4s

0000 RTLT=16h 40m 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

THANKSGIVING DAY

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: 11/10/99 - 07:21

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 26, 1999
330-331

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 14m 16s

1200 RTLT=21h 14m 22s

0000 RTLT=21h 14m 28s

VOYAGER 1

↓ 1938 SLEW->HELIO-13B

FDSL : 11AF

U/L 1730 | - | - - - - - TLC (SHORT-FORM) - - - - -

SLEW->HELIO-14B 0738 ↓

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] ----- | 1115

1450 | - - - - - 14 [T] - - - - - | 2200

0645 | 63 [D] | - - - - -

2140 | - - - - - 24 [D] - - - - - | 0120

DSN COVERAGE
HPTXR

32 ----- 42 [o] ----- | 1150

2305 | - - - - - 43 [D] - - - - - | 0515

42 [D] 0730 | - - - - -

HPTXR

RTLT : 16h 40m 14s

1200 RTLT=16h 40m 24s

0000 RTLT=16h 40m 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

JPL HOLIDAY

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: 11/10/99 - 07:21

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 27, 1999
331-332

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 14m 28s

1200 RTLTL=21h 14m 34s

0000 RTLTL=21h 14m 38s

VOYAGER 1

↓ 1938 SLEW->HELIO-15B

SLEW->HELIO-16B 0738 ↓

FDSL : 11AF

----- TLC (SHORT-FORM) ----- | D/L - | 1615

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] ----- | 1220

1520 |

----- 24 [D] -----

----- | 0115

65 [D] 0725 |

DSN COVERAGE

HPTXR

32

----- 42 [D] ----- | 1145

2050 |

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

0445 | ----- 42 [o] -----

----- | 0510

HPTXR

RTLTL : 16h 40m 34s

1200 RTLTL=16h 40m 42s

0000 RTLTL=16h 40m 52s

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: 11/10/99 - 07:21

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 28, 1999
332-333

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 14m 38s

1200 RTLTL=21h 14m 44s

0000 RTLTL=21h 14m 50s

VOYAGER 1

↓ 1938 SLEW->HELIO-17B

SLEW->HELIO-18B 0738 ↓

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

1505 | ----- 14 [D] ----- | 2145

DSN COVERAGE
HPTXR

32 ----- 42 [o] ----- | 1140

2355 | ----- 43 [D] ----- | 42 [D] 0735 | --
| 0605

HPTXR

RTLTL : 16h 40m 52s

1200 RTLTL=16h 41m 2s

0000 RTLTL=16h 41m 10s

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