

ISSUE DATE: 11/21/01 - 07:47

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 22, 2001  
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

RTLT : 23h 13m 26s

1200 RTLT=23h 13m 34s

0000 RTLT=23h 13m 40s

VOYAGER 1

-----TLC (SHORT-FORM) -----+ D/L -| 1907

FDSSL : 11AF

S/C 31 STATUS
FDS CLOCK DRIFT: ADD TO S/C EVENT ERT: -22.739 sec
ROLLREF = RIGIL KENTAURUS

↓ 1727 SLEW->HELIO-17B

CCSL : A041  
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]-----| 0835 - 1135

1610 |-----25 [D]-----| 1935

0020 |-----34 [D]-----| 0400

HPTXR  
DSN COVERAGE

32

-----34 [D]-----| 1240

0250 |-----45 [D]-----

HPTXR

RTLT : 18h 21m 22s

1200 RTLT=18h 21m 32s

0000 RTLT=18h 21m 42s

VOYAGER 2

S/C 32 STATUS
FDS CLOCK DRIFT: ADD TO S/C EVENT ERT: -90.333 sec
ROLLREF = VEGA

*Happy  
Thanksgiving!*

FDSSL : 11AF

CCSL : B114  
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: 11/21/01 - 07:47

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 23, 2001  
327-328

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 : 23h 13m 40s

1200 RTLT=23h 13m 46s

0000 RTLT=23h 13m 52s

VOYAGER 1

↓ 1738 SLEW->HELIO-16B

PWS/RH 0755 - 0756

FDSL : 11AF

TAPPOS 0453 |-----| 0602

CCSL : A041  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

0755 GS-4B      0756 CR-5T

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

31

1535 |-----| 15 [D] -----| 1945

DSN COVERAGE HPTXR

32

-----| 45 [D] -----| 1305

2140 |---| 43 [D] ---| 0000

0400 |-----| 34 [D] -----

HPTXR

RTLT : 18h 21m 42s

1200 RTLT=18h 21m 52s

0000 RTLT=18h 22m 2s

VOYAGER 2

**Thanksgiving  
Holiday**

FDSL : 11AF

CCSL : B114  
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 @ 0755 XB=2.8K(41) NOT RECOVERABLE

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

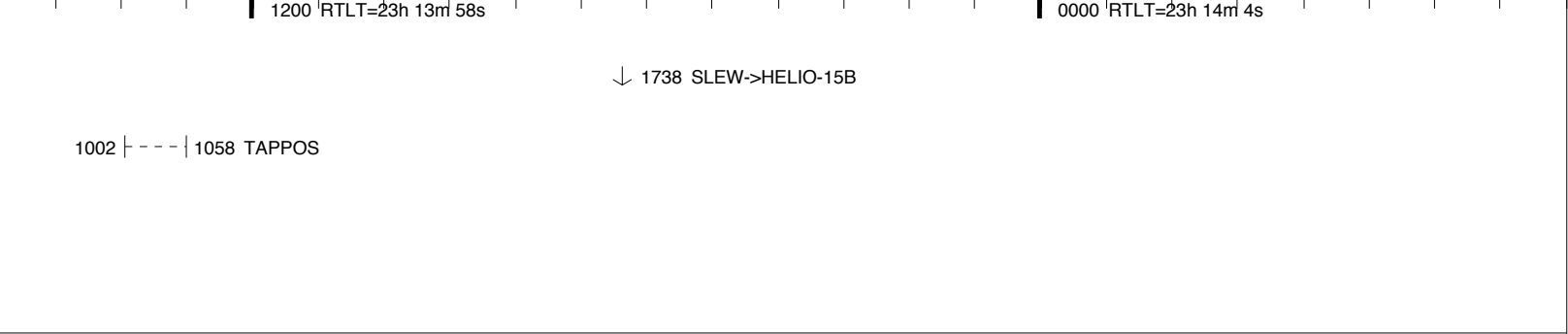
ISSUE DATE: 11/21/01 - 07:47

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

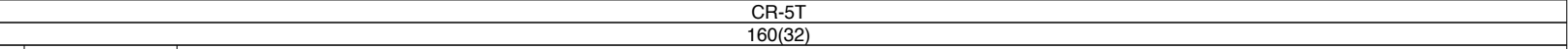
SATURDAY  
NOVEMBER 24, 2001  
328-329

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

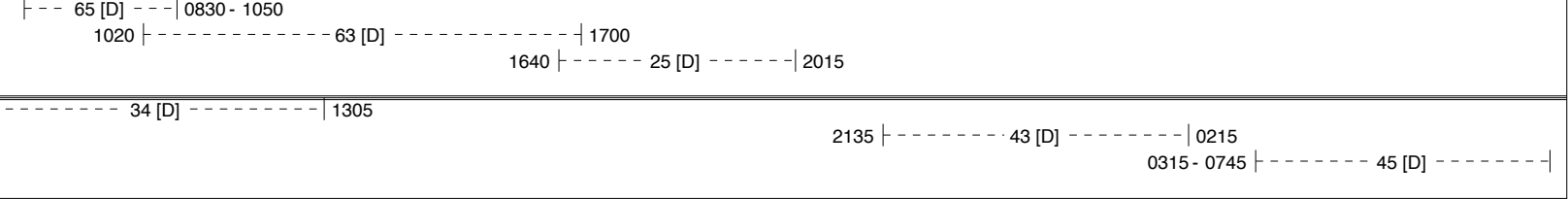
RTLTL : 23h 13m 52s  
VOYAGER 1  
FDSL : 11AF  
CCSL : A041  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF



FDS MODE  
XB DATA RATE (MI)



DSN COVERAGE  
HPTXR  
31  
32  
HPTXR



RTLTL : 18h 22m 2s  
VOYAGER 2  
FDSL : 11AF  
CCSL : B114  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF



FDS MODE  
XB DATA RATE (MI)



VOYAGER COVERAGE

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

NOTES

[1] S/C 32=GS-4B @ 1250 XB=2.8K(41) NOT RECOVERABLE

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: 11/21/01 - 07:47

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 25, 2001  
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 : 23h 14m 4s

1200 RTLT=23h 14m 10s

0000 RTLT=23h 14m 16s

VOYAGER 1

↓ 1738 SLEW->HELIO-14B

FDSL : 11AF

CCSL : A041  
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]-----|0825- 1125

1600 |-----25 [D]-----|2345

0650 |63 [D] |

DSN COVERAGE  
HPTXR

32

0600 |--34 [o]--|

2105 |-----43 [D]-----|0210

HPTXR

RTLT : 18h 22m 20s

1200 RTLT=18h 22m 30s

0000 RTLT=18h 22m 40s

VOYAGER 2

FDSL : 11AF

CCSL : B114  
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: 11/21/01 - 07:47

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 26, 2001  
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 : 23h 14m 16s

1200 RTLT=23h 14m 22s

0000 RTLT=23h 14m 28s

VOYAGER 1

↓ 1738 SLEW->HELIO-13B

FDSL : 11AF

CCSL : A041  
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] ----- | 1125

1135 |-----

65 [D] ----- | 1750

1735 |-----

25 [D] ----- | 0105

HPTXR

DSN COVERAGE

32

34 [o] -- | 0945

0150 |----- 34 [o] ----- | 0535

HPTXR

RTLT : 18h 22m 40s

1200 RTLT=18h 22m 50s

0000 RTLT=18h 22m 58s

VOYAGER 2

FDSL : 11AF

CCSL : B114  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER COVERAGE

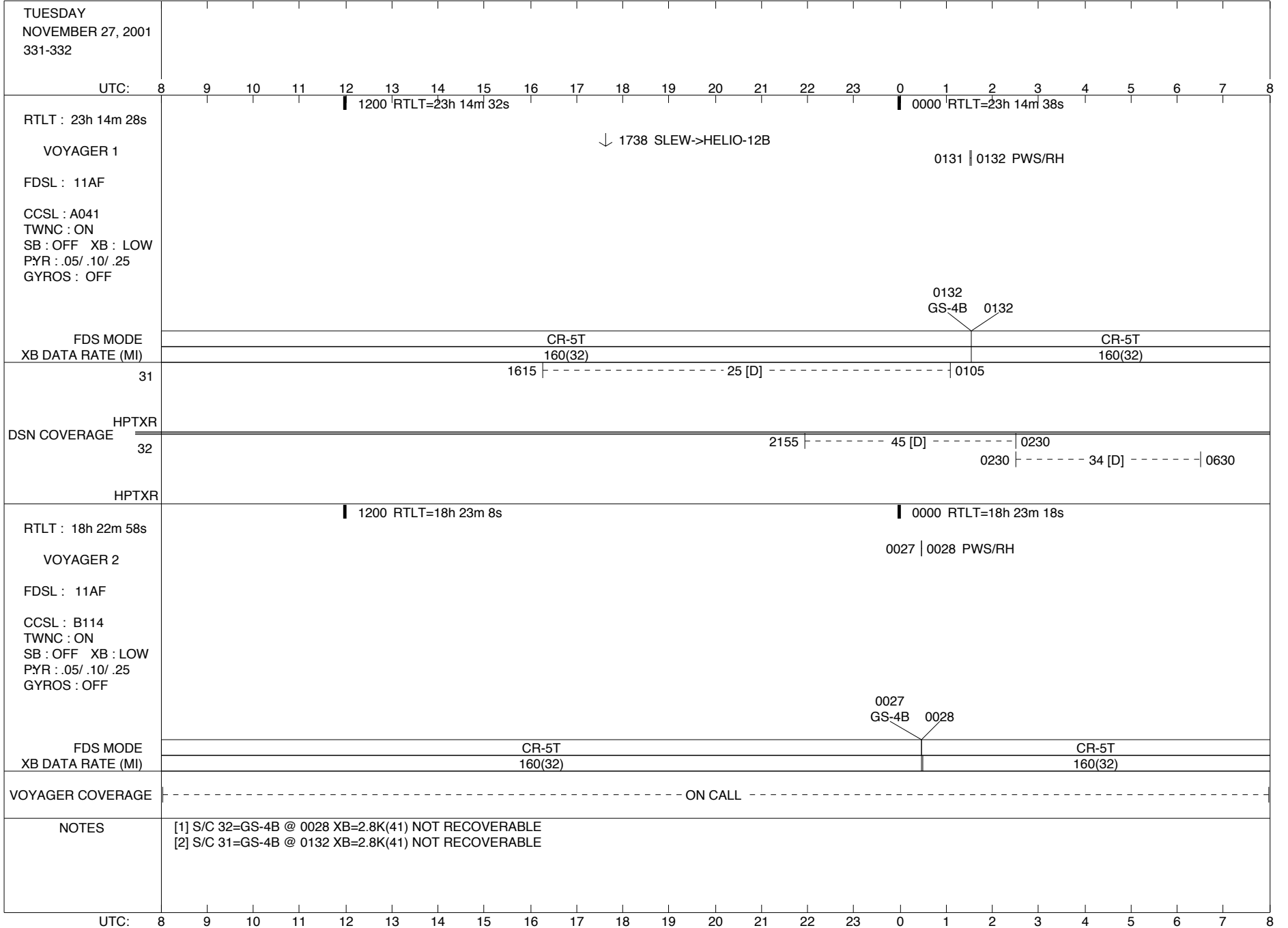
----- ON CALL -----

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: 11/21/01 - 07:47

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: 11/21/01 - 07:47

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 28, 2001  
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 : 23h 14m 38s

1200 RTLTL=23h 14m 44s

0000 RTLTL=23h 14m 50s

VOYAGER 1

↓ 1738 SLEW->HELIO-11B

FDSL : 11AF

U/L 1650 | - | - - - - - TLC (SHORT-FORM) - - - - -

CCSL : A041  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

▼ 1630 DUMMY (15:45)

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

1600 | - - 63 [T] - - - | 1750

1730 | - - - - - 25 [D] - - - - - | 0100

DSN COVERAGE HPTXR

32

2225 | - - - - - 43 [B] - - - - - | 0205 0335 | - - - - - 34 [D] - - - - -

HPTXR

RTLTL : 18h 23m 18s

1200 RTLTL=18h 23m 26s

0000 RTLTL=18h 23m 36s

VOYAGER 2

▼ 2302 DUMMY (5 MIN BRACKETED NO D/L)

FDSL : 11AF

CCSL : B114  
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 - - - - - | - 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: 11/21/01 - 07:47

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 29, 2001  
333-334

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 : 23h 14m 50s

1200 RTLTL=23h 14m 54s

0000 RTLTL=23h 15m 0s

VOYAGER 1

↓ 1715 SLEW->MIDPNT-B

FDSL : 11AF

----- TLC (SHORT-FORM) ----- | D/L -| 1735

CCSL : A041  
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] ----- | 0810 - 1735

DSN COVERAGE  
HPTXR

32

----- 34 [D] ----- | 1245

2120 |----- 34 [D] ----- | 0315

HPTXR

RTLTL : 18h 23m 36s

1200 RTLTL=18h 23m 44s

0000 RTLTL=18h 23m 54s

VOYAGER 2

FDSL : 11AF

CCSL : B114  
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: 11/21/01 - 07:47

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 30, 2001  
334-335

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 : 23h 15m 0s

1200 RTLTL=23h 15m 6s

0000 RTLTL=23h 15m 10s

VOYAGER 1

↓ 1638 SLEW->HELIO-10B

PWS/RH 0732 - 0733

FDSL : 11AF

0429 | - - | 0511 TAPPOS

CCSL : A041  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

0733  
0732 CR-5T  
GS-4B

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

31

1130 | - - - - - 65 [D] - - - - - | 1730

DSN COVERAGE  
HPTXR

32

2040 | - - - - - 45 [D] - - - - - | 0005

HPTXR

RTLTL : 18h 23m 54s

1200 RTLTL=18h 24m 4s

0000 RTLTL=18h 24m 12s

VOYAGER 2

FDSL : 11AF

CCSL : B114  
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=CR-5T @ 0732 XB=160(32)  
[2] S/C 31=GS-4B @ 0732 XB=2.8K(41) NOT RECOVERABLE

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: 11/21/01 - 07:47

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  
DECEMBER 1, 2001  
335-336

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 : 23h 15m 10s  
VOYAGER 1  
FDSL : 11AF  
CCSL : A041  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

1200 | RTLTL=23h 15m 16s | 0000 | RTLTL=23h 15m 22s

↓ 1738 SLEW->HELIO-9B

0930 | - - | 1007 TAPPOS

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

31 0945 | - - - - - 65 [D] - - - - - | 1615 65 [D] 0800  
1555 | - - - - - 25 [D] - - - - - | 2015

DSN COVERAGE  
HPTXR

32 0900 | - - - - - 34 [o] - - - - - | 1240 2330 | - - - - - 34 [o] - - - - -

HPTXR

RTLTL : 18h 24m 12s  
VOYAGER 2  
FDSL : 11AF  
CCSL : B114  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

1200 | RTLTL=18h 24m 20s | 0000 | RTLTL=18h 24m 30s

1227 | 1228 PWS/RH

0926 | | 0940 TAPPOS 1436 | 1436 TAPPOS

1227  
GS-4B 1228

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

CR-5T  
160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 32=GS-4B @ 1229 XB=2.8K(41) NOT RECOVERABLE

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: 11/21/01 - 07:47

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  
DECEMBER 2, 2001  
336-337

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 : 23h 15m 22s

1200 RTLT=23h 15m 26s

0000 RTLT=23h 15m 32s

VOYAGER 1

↓ 1738 SLEW->HELIO-8B

FDSL : 11AF

CCSL : A041  
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] ----- | 0800 - 1145

65 [D] 0740 |

1540 |-----25 [D] ----- | 0030

DSN COVERAGE  
HPTXR

32

-----34 [o] ----- | 1100

2040 |-----43 [D] -----

HPTXR

RTLT : 18h 24m 30s

1200 RTLT=18h 24m 38s

0000 RTLT=18h 24m 48s

VOYAGER 2

FDSL : 11AF

CCSL : B114  
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: 11/21/01 - 07:47

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  
DECEMBER 3, 2001  
337-338

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 : 23h 15m 32s

1200 RTLTL=23h 15m 36s

0000 RTLTL=23h 15m 42s

VOYAGER 1

↓ 1738 SLEW->HELIO-7B

FDSL : 11AF

CCSL : A041  
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]

1615

1535

25 [D]

0040

DSN COVERAGE  
HPTXR

32

43 [D] | 0905

0545 | - - 43 [B] - - -

HPTXR

RTLTL : 18h 24m 48s

1200 RTLTL=18h 24m 56s

0000 RTLTL=18h 25m 4s

VOYAGER 2

FDSL : 11AF

CCSL : B114  
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: 11/21/01 - 07:47

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

TUESDAY DECEMBER 4, 2001 338-339																											
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 : 23h 15m 42s  VOYAGER 1  FDSL : 11AF  CCSL : A041 TWNC : ON SB : OFF XB : LOW PYR : .05/ .10/ .25 GYROS : OFF		1200 RTLT=23h 15m 46s   0000 RTLT=23h 15m 50s																									
FDS MODE XB DATA RATE (MI)		CR-5T 160(32)												1901 1959 EH-12		CR-5T 160(32)						CR-5T 160(32)					
31		1715  ----- 14 (T) -----  2240																									
DSN COVERAGE HPTXR 32		43 [B] -----  1215												0140  ----- 45 [D] -----													
HPTXR																											
RTLT : 18h 25m 4s  VOYAGER 2  FDSL : 11AF  CCSL : B114 TWNC : ON SB : OFF XB : LOW PYR : .05/ .10/ .25 GYROS : OFF		1200 RTLT=18h 25m 14s   0000 RTLT=18h 25m 22s																									
FDS MODE XB DATA RATE (MI)		CR-5T 160(32)												0005 GS-4B 0006		CR-5T 160(32)						EL-40 40(30)		CR-5T 160(32)			
VOYAGER COVERAGE		----- VGR -----  ----- ON CALL -----  ----- VGR -----  ----- ON CALL -----  ----- VGR -----  ----- ON CALL -----																									
NOTES		[1] S/C 32=GS-4B @ 0005 XB=2.8K(41) NOT RECOVERABLE [2] S/C 31=GS-4B @ 0108 XB=2.8K(41) NOT RECOVERABLE																									
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																											

↓ 1739 SLEW->HELIO-6B  
 1915 | | 1935 AACS MRO  
 1935 | | 1947 CCS MRO  
 1947 | | 1959 FDS MRO

0108 | 0109 PWS/RH

U/L 2205 |----- TLC (SHORT-FORM) -----

▼ 1830 DUMMY (17:46)

0108 GS-4B  
 0109

- ▼ 0903 EL-40 (03:29)
- ▼ 0915 CCSL B114 (03:41)
- ▼ 0936 DRIBBLE MRO 5614B (04:01)
- ▼ 0945 DRIBBLE MRO 5646B (04:11)
- ▼ 1015 CCSCAL (04:40)
- ▼ 1031 CR-5T (04:57)

- 0005 | 0006 PWS/RH
- \* 0348 | 0352 CCS CHK SUM
- \* 0403 | | 0420 DRIBBLE MRO
- \* 0440 | 0442 CCSCAL DATA

\* 0330  
 \* 0458

ISSUE DATE: 11/21/01 - 07:47

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  
DECEMBER 5, 2001  
339-340

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 : 23h 15m 50s

VOYAGER 1

FDSL : 11AF

CCSL : A041  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

1659 | PLSCAL -| 1842  
1659 | --- MAGCAL ---| 2002  
1659 | --- PESCAL ---| 2019

↓ 1739 SLEW->HELIO-5B

----- TLC (SHORT-FORM) ----- + D/L -| 2249

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

31 ----- 65 [D] ----- | 1105  
1525 | ----- 25 [D] ----- | 0020  
65 [D] 0745 |

HPTXR  
DSN COVERAGE

32 ----- 45 [D] ----- | 1225  
2030 | ----- 43 [D] ----- | 0150

HPTXR

RTLT : 18h 25m 22s

VOYAGER 2

FDSL : 11AF

CCSL : B114  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

1200 RTLT=18h 25m 30s

0000 RTLT=18h 25m 38s

COMMAND MORATORIUM 0551 |-----

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: 11/21/01 - 07:47

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  
DECEMBER 6, 2001  
340-341

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 : 23h 16m 0s

1200 RTLT=23h 16m 4s

0000 RTLT=23h 16m 10s

VOYAGER 1

↓ 1739 SLEW->HELIO-4B

FDSL : 11AF

CCSL : A041  
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] ----- | 1515

65 [D] 0725 | - -

DSN COVERAGE  
HPTXR

32

2035 | - - - - - 43 [D] - - - - -

HPTXR

RTLT : 18h 25m 38s

1200 RTLT=18h 25m 48s

0000 RTLT=18h 25m 56s

VOYAGER 2

- COMMAND MORATORIUM -

↓ 2347 GYRO INIT  
↓ 2347 GYROS AB ON  
↓ 2357 GYRO FAULT TEST

FDSL : 11AF

CCSL : B114  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

0048 || 0054 CCSTIM(B)

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: 11/21/01 - 07:47

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  
DECEMBER 7, 2001  
341-342

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 : 23h 16m 10s

1200 RTLTL=23h 16m 14s

0000 RTLTL=23h 16m 18s

VOYAGER 1

↓ 1739 SLEW->HELIO-3B

PWS/RH 0708 || 0709

FDSL : 11AF

0406 | | 0420 TAPPOS

CCSL : A041  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

0708 GS-4B  
0709 CR-5T

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

31

65 [D] - - - - - | 1700

65 [D] 0720 | - - -

DSN COVERAGE

HPTXR

32

43 [D] - | 0930

2055 | - - - - - 43 [D] - - - - - | 0150

HPTXR

RTLTL : 18h 25m 56s

1200 RTLTL=18h 26m 4s

0000 RTLTL=18h 26m 12s

COMMAND MORATORIUM

0520

VOYAGER 2

FDSL : 11AF

CCSL : B114  
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

NOTES

- [1] S/C 31=CR-5T @ 0708 XB=160(32)
- [2] S/C 31=GS-4B @ 0708 XB=2.8K(41) NOT RECOVERABLE

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: 11/21/01 - 07:47

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  
DECEMBER 8, 2001  
342-343

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 : 23h 16m 18s

VOYAGER 1

FDSL : 11AF

CCSL : A041  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

0916 | 0916 TAPPOS

↓ 1739 SLEW->HELIO-2B

1200 RTLT=23h 16m 22s

0000 RTLT=23h 16m 26s

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 65 [D] ----- | 1100

1520 | ----- 25 [D] ----- | 0020

65 [D] 0715 |-----

DSN COVERAGE  
HPTXR

32

2025 |----- 43 [D] ----- | 0145

HPTXR

RTLT : 18h 26m 12s

VOYAGER 2

FDSL : 11AF

CCSL : B114  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : ON

0904 | | 0919 TAPPOS

1200 RTLT=18h 26m 20s

0000 RTLT=18h 26m 28s

1206 | 1207 PWS/RH

1414 | 1414 TAPPOS

1206  
GS-4B 1207

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

CR-5T

160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 32=GS-4B @ 1206 XB=2.8K(41) NOT RECOVERABLE

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: 11/21/01 - 07:47

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  
DECEMBER 9, 2001  
343-344

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 : 23h 16m 26s

1200 RTLTL=23h 16m 32s

0000 RTLTL=23h 16m 36s

VOYAGER 1

↓ 1739 SLEW->HELIO-1B

FDSL : 11AF

CCSL : A041  
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]

1650

1630

25 [D]

0015

DSN COVERAGE  
HPTXR

32

2015

43 [D]

HPTXR

RTLTL : 18h 26m 28s

1200 RTLTL=18h 26m 36s

0000 RTLTL=18h 26m 44s

VOYAGER 2

FDSL : 11AF

CCSL : B114  
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

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