

ISSUE DATE: 11/14/01 - 09:56

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 15, 2001
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

RTLTL : 23h 11m 52s

1200 RTLTL=23h 12m 0s

0000 RTLTL=23h 12m 6s

VOYAGER 1

S/C 31 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -22.674 sec

CCSL : A041
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

1625 |----- 25 [D] -----| 1945

2245 |----- 43 [D] -----| 0330

0310 |---- 34 [D] ----| 0555

DSN COVERAGE
HPTXR

32

----- 34 [o] -----| 1325

0210 |----- 45 [D] -----|

HPTXR

RTLTL : 18h 19m 0s

1200 RTLTL=18h 19m 12s

0000 RTLTL=18h 19m 22s

VOYAGER 2

S/C 32 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -89.502 sec

CCSL : B114
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: 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: 11/14/01 - 09:56

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 16, 2001
320-321

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 12m 6s

1200 RTLT=23h 12m 14s

0000 RTLT=23h 12m 20s

VOYAGER 1

FDSL : 11AF

0516 TAPPOS 0653

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

2240 ----- 43 [D] ----- 0330

DSN COVERAGE HPTXR

32

----- 45 [D] ----- 1025

34 [D] 0730 -----

HPTXR

RTLT : 18h 19m 22s

1200 RTLT=18h 19m 32s

0000 RTLT=18h 19m 42s

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

S/C 32=GS-4B @ 16:49 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: 11/14/01 - 09:56

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 17, 2001 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 : 23h 12m 20s VOYAGER 1 FDSL : 11AF CCSL : A041 TWNC : ON SB : OFF XB : LOW PYR : .05/ .10/ .25 GYROS : OFF	1200 RTLT=23h 12m 28s 0000 RTLT=23h 12m 34s 0818 - 0819 PWS/RH 0818 GS-4B 0819
FDS MODE	CR-5T
XB DATA RATE (MI)	160(32)
DSN COVERAGE	31 1505 - 54 [D] - 1650 1630 - - - - 25 [D] - - - - 1945 2240 - - - - - 43 [D] - - - - - 0330 HPTXR 32 - - - - - 34 [D] - - - - - 1320 34 [D] 0740 -
HPTXR	
RTLT : 18h 19m 42s VOYAGER 2 FDSL : 11AF CCSL : B114 TWNC : ON SB : OFF XB : LOW PYR : .05/ .10/ .25 GYROS : OFF	1200 RTLT=18h 19m 52s 0000 RTLT=18h 20m 2s 1012 1025 TAPPOS 1521 1522 TAPPOS 1313 GS-4B 1314
FDS MODE	CR-5T
XB DATA RATE (MI)	160 (32)
FDS MODE	CR-5T
XB DATA RATE (MI)	160(32)
VOYAGER COVERAGE	- - - - - ON CALL - - - - -
NOTES	[1] S/C 31=GS-4B @ 0818 XB=2.8K(41) NOT RECOVERABLE [2] S/C 32=GS-4B @ 1313 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: 11/14/01 - 09:56

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 18, 2001
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

RTLTL : 23h 12m 34s

1200 RTLTL=23h 12m 40s

0000 RTLTL=23h 12m 48s

VOYAGER 1

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

1610 |----- 25 [D] -----| 1945

2230 |----- 24 [D] -----| 0140

DSN COVERAGE HPTXR

32

----- 34 [D] -----| 1145

0605 |----- 34 [O] -----|

HPTXR

RTLTL : 18h 20m 2s

1200 RTLTL=18h 20m 12s

0000 RTLTL=18h 20m 22s

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: 11/14/01 - 09:56

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 19, 2001
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 : 23h 12m 48s

1200 RTLTL=23h 12m 54s

0000 RTLTL=23h 13m 0s

VOYAGER 1

↓ 1737 SLEW->HELIO-20B

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 0945 |----- 54 [D] -----| 1515
1610 |----- 25 [D] -----| 2015

DSN COVERAGE
HPTXR

32 ----- 34 [o] ----- | 1325 0530 |---- 43 [D] ----

HPTXR

RTLTL : 18h 20m 22s

1200 RTLTL=18h 20m 34s

0000 RTLTL=18h 20m 44s

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: 11/14/01 - 09:56

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
NOVEMBER 20, 2001
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 : 23h 13m 0s

1200 RTLTL=23h 13m 8s

0000 RTLTL=23h 13m 14s

VOYAGER 1

↓ 1737 SLEW->HELIO-19B

0155 | 0156 PWS/RH

FDSL : 11AF

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

0155
GS-4B 0156

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31

1605 |----- 25 [D] -----| 2005

2340 |----- 45 [D] -----| 0310

DSN COVERAGE
HPTXR

32

----- 43 [D] -----| 1200

2210 |----- 43 [B] -----| 0330
0355 |----- 45 [D] -----|

HPTXR

RTLTL : 18h 20m 44s

1200 RTLTL=18h 20m 54s

0000 RTLTL=18h 21m 2s

VOYAGER 2

0050 | 0051 PWS/RH

FDSL : 11AF

▼ 2302 DUMMY (5 MIN BRACKETED NO D/L)

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

0050
GS-4B 0051

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 32=GS-4B @ 0050 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 0155 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: 11/14/01 - 09:56

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 21, 2001
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

RTLT : 23h 13m 14s

1200 RTLT=23h 13m 20s

0000 RTLT=23h 13m 26s

VOYAGER 1

U/L 1825 | - | - - - - - TLC (SHORT-FORM) - - - - -

FDSL : 11AF

↓ 1737 SLEW->HELIO-18B

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

▼ 1710 DUMMY (16:23)

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31 | - - - - - 65 [D] - - - - - | 0825 - 1135

1545 | - - - - - 63 [T] - - - - - | 1900
1840 | - 25 [D] - | 2015

DSN COVERAGE
HPTXR

32 | - - - - - 45 [D] - - - - - | 1155

2120 | - - - - - 43 [D] - - - - - | 0220

34 [D] 0720 | - - -

HPTXR

RTLT : 18h 21m 2s

1200 RTLT=18h 21m 12s

0000 RTLT=18h 21m 22s

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 - - - - - | - 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: 11/14/01 - 09:56

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

RTLTL : 23h 13m 26s

1200 RTLTL=23h 13m 34s

0000 RTLTL=23h 13m 40s

VOYAGER 1

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

FDSL : 11AF

↓ 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

DSN COVERAGE
HPTXR

32

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

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

HPTXR

RTLTL : 18h 21m 22s

1200 RTLTL=18h 21m 32s

0000 RTLTL=18h 21m 42s

VOYAGER 2

FDSL : 11AF

**Happy
Thanksgiving!**

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: 11/14/01 - 09:56

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

RTLTL : 23h 13m 40s

1200 RTLTL=23h 13m 46s

0000 RTLTL=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

RTLTL : 18h 21m 42s

1200 RTLTL=18h 21m 52s

0000 RTLTL=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: 11/14/01 - 09:56

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

1200 RTLTL=23h 13m 58s 0000 RTLTL=23h 14m 4s

↓ 1738 SLEW->HELIO-15B

1002 | --- | 1058 TAPPOS

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31
DSN COVERAGE
HPTXR

65 [D] --- | 0830 - 1050
1020 | ----- 63 [D] ----- | 1700
1640 | ----- 25 [D] ----- | 2015

32
HPTXR

34 [D] ----- | 1305
2135 | ----- 43 [D] ----- | 0215
0315 - 0745 | ----- 45 [D] ----- |

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

1200 RTLTL=18h 22m 12s 0000 RTLTL=18h 22m 20s

0949 | | 1003 TAPPOS 1458 | 1459 TAPPOS

1250
GS-4B 1251

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 @ 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: 11/14/01 - 09:56

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

RTLTL : 23h 14m 4s

1200 RTLTL=23h 14m 10s

0000 RTLTL=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

RTLTL : 18h 22m 20s

1200 RTLTL=18h 22m 30s

0000 RTLTL=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: 11/14/01 - 09:56

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: 11/14/01 - 09:56

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
NOVEMBER 27, 2001
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 : 23h 14m 28s
VOYAGER 1
FDSL : 11AF
CCSL : A041
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=23h 14m 32s

0000 RTLTL=23h 14m 38s

↓ 1738 SLEW->HELIO-12B

0131 | 0132 PWS/RH

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

0132
GS-4B 0132

31

1615

----- 25 [D] -----

0105

DSN COVERAGE
HPTXR

32

2155

----- 45 [D] -----

0230

0230

----- 34 [D] ----- | 0630

HPTXR

RTLTL : 18h 22m 58s
VOYAGER 2
FDSL : 11AF
CCSL : B114
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=18h 23m 8s

0000 RTLTL=18h 23m 18s

0027 | 0028 PWS/RH

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

0027
GS-4B 0028

VOYAGER COVERAGE

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

NOTES

[1] S/C 32=GS-4B @ 0028 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 0132 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: 11/14/01 - 09:56

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

RTLT : 23h 14m 38s

1200 RTLT=23h 14m 44s

0000 RTLT=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] - - - - - | 02050335 | - - - - - 34 [D] - - - - -

HPTXR

RTLT : 18h 23m 18s

1200 RTLT=18h 23m 26s

0000 RTLT=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: 11/14/01 - 09:56

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: 11/14/01 - 09:56

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: 11/14/01 - 09:56

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 | - - - - - 34 [D] - - - - - | 0845 - 1240 2315 | - - - - - 34 [D] - - - - -

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: 11/14/01 - 09:56

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

RTLTL : 23h 15m 22s

1200 RTLTL=23h 15m 26s

0000 RTLTL=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

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

65 [D] 0740 |-----

DSN COVERAGE
HPTXR

32

-----34 [D] ----- | 1100

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

HPTXR

RTLTL : 18h 24m 30s

1200 RTLTL=18h 24m 38s

0000 RTLTL=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