

ISSUE DATE: 11/07/01 - 13:28

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 8, 2001  
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

RTLTL : 23h 10m 6s

1200 RTLTL=23h 10m 14s

0000 RTLTL=23h 10m 22s

VOYAGER 1

S/C 31 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:  
ADD TO S/C EVENT  
ERT: -22.606 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

0915 |----- 65 [D] -----| 1205

0000 |----- 45 [D] -----| 0310

DSN COVERAGE  
HPTXR

32

----- 43 [B] -----| 1150

0645 | 34 [D] |

HPTXR

RTLTL : 18h 16m 32s

1200 RTLTL=18h 16m 42s

0000 RTLTL=18h 16m 52s

VOYAGER 2

S/C 32 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:  
ADD TO S/C EVENT  
ERT: -88.697 sec

CCSL : B113  
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: 11/07/01 - 13:28

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 9, 2001  
313-314

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 10m 22s

1200 RTLTL=23h 10m 30s

0000 RTLTL=23h 10m 38s

VOYAGER 1

↓ 1736 BAY 1 HTR OFF  
↓ 1740 X/B HI POWER

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

0910 |----- 65 [D] -----| 1920

DSN COVERAGE  
HPTXR

32

----- 34 [D] -----| 1355 -----| 0225 |----- 34 [o] -----

HPTXR

RTLTL : 18h 16m 52s

1200 RTLTL=18h 17m 4s

0000 RTLTL=18h 17m 14s

VOYAGER 2

FDSL : 11AF

CCSL : B113  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05 / .10 / .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

VOYAGER COVERAGE

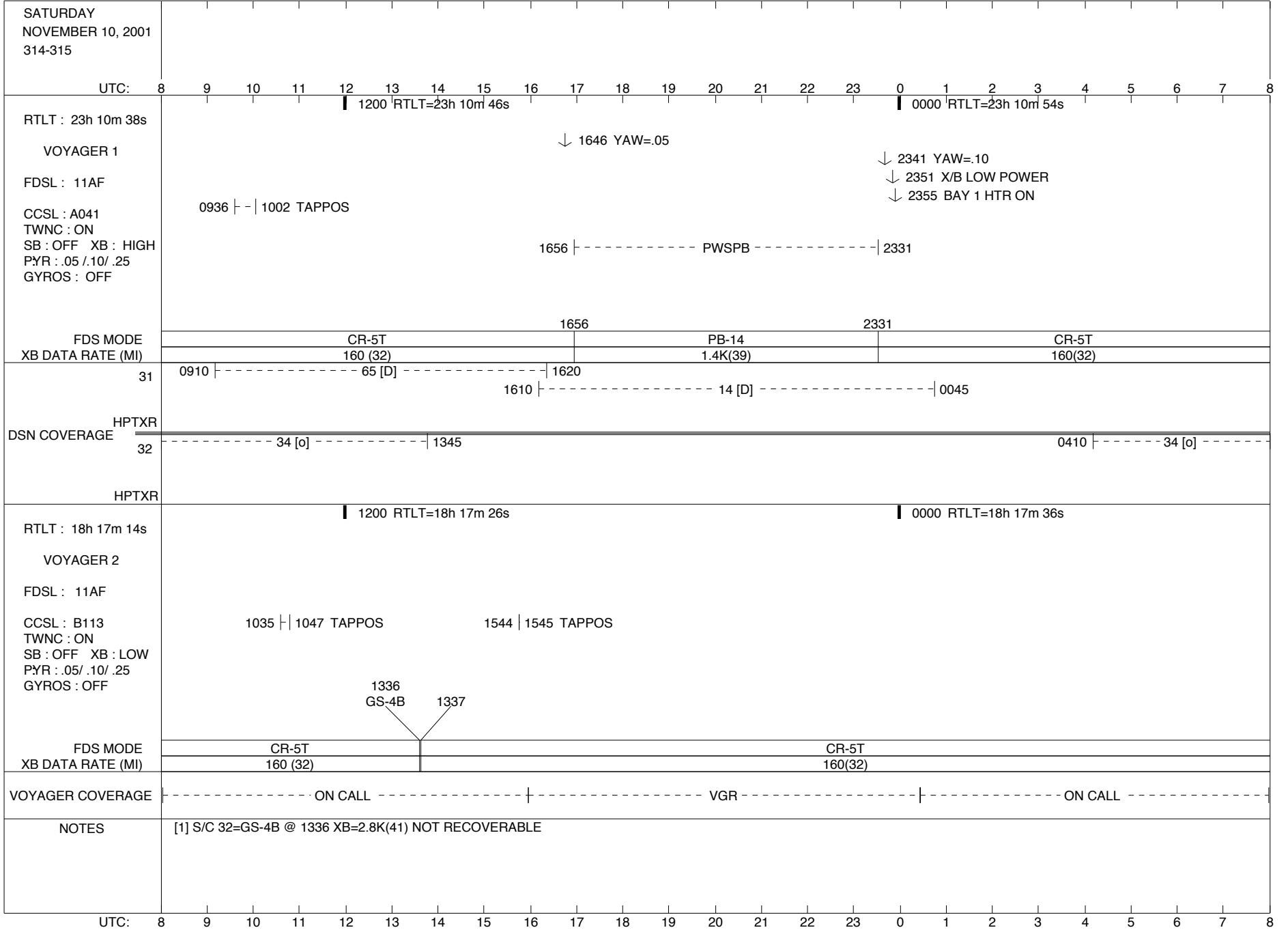
----- ON CALL -----| - VGR - |----- ON CALL -----

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: 11/07/01 - 13:28

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



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

NOTES [1] S/C 32=GS-4B @ 1336 XB=2.8K(41) NOT RECOVERABLE

ISSUE DATE: 11/07/01 - 13:28

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 11, 2001  
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 : 23h 10m 54s

1200 RTLT=23h 11m 0s

0000 RTLT=23h 11m 8s

VOYAGER 1

FDSL : 11AF

1336 | TAPPOS - | 1524

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

1230 | ----- 63 [D] ----- | 1955

DSN COVERAGE  
HPTXR

32

----- 34 [o] ----- | 1400

2155 | ----- 45 [D] -----

HPTXR

RTLT : 18h 17m 36s

1200 RTLT=18h 17m 46s

0000 RTLT=18h 17m 58s

VOYAGER 2

FDSL : 11AF

CCSL : B113  
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: 11/07/01 - 13:28

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 12, 2001  
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

RTLTL : 23h 11m 8s

1200 RTLTL=23h 11m 16s

0000 RTLTL=23h 11m 24s

VOYAGER 1

FDSL : 11AF

↓ 1600 MEMUPD - ENA AHEL11

U/L 0215 | - | - - - - TLC (SHORT-FORM) - - - -

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

1600 || 1602 CCS MRO

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

0915 | - - - - - 65 [D] - - - - - | 1850

0045 | - - 14 [T] - - - | 0255

DSN COVERAGE  
HPTXR

32

- - - - - 45 [D] - - - - - | 1400

0545 | - - 43 [o] - - -

HPTXR

RTLTL : 18h 17m 58s

1200 RTLTL=18h 18m 8s

0000 RTLTL=18h 18m 18s

VOYAGER 2

↓ 1850 BEGIN SEQUENCE B114

FDSL : 11AF

CCSL : B113  
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: 11/07/01 - 13:28

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 13, 2001  
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 : 23h 11m 24s

1200 RTLTL=23h 11m 30s

0000 RTLTL=23h 11m 38s

VOYAGER 1

FDSL : 11AF

TLC (SHORT-FORM)

D/L 0255

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

0218 0219 PWS/RH

0218  
GS-4B 0219

FDS MODE  
XB DATA RATE (MI)

CR-5T

CR-5T

160(32)

160(32)

31

1700

15 [D]

2315

2255

43 [D]

0330

DSN COVERAGE

HPTXR

32

43 [o] 1030

2155

45 [D]

HPTXR

RTLTL : 18h 18m 18s

1200 RTLTL=18h 18m 30s

0000 RTLTL=18h 18m 40s

VOYAGER 2

FDSL : 11AF

0124 DTR MAINT 0650

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

0226 PLSCAL 0409

0226 MAGCAL 0529

0226 PESCAL 0546

0113 0113 PWS/RH

TAPPOS 0652

0113  
GS-4B 0113

FDS MODE  
XB DATA RATE (MI)

CR-5T

CR-5T

160(32)

160(32)

VOYAGER COVERAGE

ON CALL

NOTES

- [1] S/C 32=GS-4B @ 0113 XB=2.8K(41) NOT RECOVERABLE
- [2] S/C 31=GS-4B @ 0218 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: 11/07/01 - 13:28

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 14, 2001  
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 : 23h 11m 38s

1200 RTLT=23h 11m 46s

0000 RTLT=23h 11m 52s

VOYAGER 1

FDSL : 11AF

▼ 1730 DUMMY (16:42)

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 0910 |---- 65 [D] ----| 1150

1545 |----- 63 -----| 1900

DSN COVERAGE  
HPTXR

32 ----- 45 [D] -----| 1350

2250 |----- 43 [B] -----| 0330

HPTXR

RTLT : 18h 18m 40s

1200 RTLT=18h 18m 50s

0000 RTLT=18h 19m 0s

VOYAGER 2

FDSL : 11AF

▼ 2347 DUMMY CC (5 MIN BRACKETED - NO D/L)

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

TAPPOS | 0927

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: 11/07/01 - 13:28

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

RTLT : 23h 11m 52s

1200 RTLT=23h 12m 0s

0000 RTLT=23h 12m 6s

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

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

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

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

DSN COVERAGE  
HPTXR

32

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

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

HPTXR

RTLT : 18h 19m 0s

1200 RTLT=18h 19m 12s

0000 RTLT=18h 19m 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: 11/07/01 - 13:28

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: 11/07/01 - 13:28

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

RTLTL : 23h 12m 20s

1200 RTLTL=23h 12m 28s

0000 RTLTL=23h 12m 34s

VOYAGER 1

0818 - 0819 PWS/RH

FDSL : 11AF

1026 | TAPPOS | 1149

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

0818  
GS-4B 0819

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

31

1505 | - 54 [D] - | 1650

1630 | - - - - 25 [D] - - - - | 1945

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

DSN COVERAGE  
HPTXR

32

----- 34 [D] ----- | 1320

34 [D] 0740 | -

HPTXR

1200 RTLTL=18h 19m 52s

0000 RTLTL=18h 20m 2s

RTLTL : 18h 19m 42s

VOYAGER 2

FDSL : 11AF

1012 | | 1025 TAPPOS

1521 | | 1522 TAPPOS

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

1313  
GS-4B 1314

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

CR-5T  
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: 11/07/01 - 13:28

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: 11/07/01 - 13:28

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 ----- | - 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: 11/07/01 - 13:28

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: 11/07/01 - 13:28

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

RTLTL : 23h 13m 14s

1200 RTLTL=23h 13m 20s

0000 RTLTL=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

RTLTL : 18h 21m 2s

1200 RTLTL=18h 21m 12s

0000 RTLTL=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: 11/07/01 - 13:28

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: 11/07/01 - 13:28

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: 11/07/01 - 13:28

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

1200 RTLTL=23h 13m 58s

0000 RTLTL=23h 14m 4s

VOYAGER 1

↓ 1738 SLEW->HELIO-15B

FDSL : 11AF

1002 | --- | 1058 TAPPOS

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] --- | 0830 - 1050

1020 | ----- 63 [D] ----- | 1700

1640 | ----- 25 [D] ----- | 2015

DSN COVERAGE  
HPTXR

32 | ----- 34 [D] ----- | 1305

2135 | ----- 43 [D] ----- | 0215

0315 - 0745 | ----- 45 [D] ----- |

HPTXR

RTLTL : 18h 22m 2s

1200 RTLTL=18h 22m 12s

0000 RTLTL=18h 22m 20s

VOYAGER 2

0949 | | 1003 TAPPOS

1458 | 1459 TAPPOS

FDSL : 11AF

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

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: 11/07/01 - 13:28

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-----|

DSN COVERAGE  
HPTXR

32

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

0545 |-----34 [D]-----|

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