

ISSUE DATE: 12/21/01 - 10:01

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 20, 2001  
354-355

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 17m 46s

1200 RTLTL=23h 17m 48s

0000 RTLTL=23h 17m 52s

VOYAGER 1

FDSL : 11AF

CCSL : A041  
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: -22.930 sec  
ROLLREF = RIGIL  
KENTAURUS

↓ 1440 SLEW->HELIO-13A

↓ 0240 SLEW->HELIO-14A

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160 (32)

31 ----- 65 [D] ----- | 1035  
1415 | ----- 25 [D] ----- | 1755  
65 [D] 0705 | -----

DSN COVERAGE  
HPTXR

32 ----- 45 [D] ----- | 1140  
1940 | ----- 45 [D] -----

HPTXR

RTLTL : 18h 29m 12s

1200 RTLTL=18h 29m 18s

0000 RTLTL=18h 29m 24s

VOYAGER 2

FDSL : 11AF

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

S/C 32 STATUS  
FDS CLOCK DRIFT:  
ADD TO S/C EVENT  
ERT: -93.476 sec  
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: 12/21/01 - 10:01

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 22, 2001  
356-357

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 17m 56s

1200 RTLT=23h 18m 0s

0000 RTLT=23h 18m 2s

VOYAGER 1

↓ 1440 SLEW->HELIO-17A

↓ 0240 SLEW->HELIO-18A

FDSL : 11AF

CCSL : A041

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

----- TLC (SHORT FORM) ----- † D/L -| 1731

|-----| 0828- 0923 TAPPOS

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 --- 65 [D] --- | 1025

1535 |----- 25 [D] -----| 2315

65 [D] 0720 |---

DSN COVERAGE  
HPTXR

32

2120 |----- 45 [D] -----| 0500

HPTXR

RTLT : 18h 29m 38s

1200 RTLT=18h 29m 44s

0000 RTLT=18h 29m 50s

VOYAGER 2

1120 | 1120 PWS/RH

FDSL : 11AF

CCSL : B114

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

| | 0818- 0832 TAPPOS                      1328 | 1328 TAPPOS

1120  
GS-4B      1120

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 @ 1120 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: 12/21/01 - 10:01

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 23, 2001  
357-358

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 18m 2s

1200 RTLT=23h 18m 4s

0000 RTLT=23h 18m 6s

VOYAGER 1

↓ 1440 SLEW->HELIO-19A

↓ 0240 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

65 [D]

1545

1530

25 [D]

0030

43 [D]

0320

DSN COVERAGE  
HPTXR

32

1930 - 0745

45 [D]

HPTXR

RTLT : 18h 29m 50s

1200 RTLT=18h 29m 56s

0000 RTLT=18h 30m 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: 12/21/01 - 10:01

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 24, 2001  
358-359

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 18m 6s

1200 RTLTL=23h 18m 10s

0000 RTLTL=23h 18m 12s

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

65 [D]

1400

0805 - 1440

25 [D]

2305

DSN COVERAGE  
HPTXR

32

0410 |-----45 [D]-----

HPTXR

RTLTL : 18h 30m 4s

1200 RTLTL=18h 30m 10s

0000 RTLTL=18h 30m 16s

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

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: 12/21/01 - 10:01

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 25, 2001  
359-360

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 18m 12s

1200 RTLTL=23h 18m 14s

0000 RTLTL=23h 18m 16s

VOYAGER 1

↓ 2140 SLEW->HELIO-1C

FDSL : 11AF

2357 | 2358 PWS/RH

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

2357  
GS-4B 2358

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

CR-5T  
160(32)

31

2055 |----- 45 [D] -----| 0120

DSN COVERAGE HPTXR

32 | 0810 45 [D]

0355 |----- 45 [D] -----|

HPTXR

RTLTL : 18h 30m 16s

1200 RTLTL=18h 30m 22s

0000 RTLTL=18h 30m 28s

VOYAGER 2

2256 | 2257 PWS/RH

FDSL : 11AF

2256  
GS-4B 2257

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

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 @ 2256 XB=2.8K(41) NOT RECOVERABLE  
[2] S/C 31=GS-4B @ 2357 XB=2.8K(41) NOT RECOVERABLE  
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: 12/21/01 - 10:01

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 26, 2001  
360-361

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 18m 16s

1200 RTLT=23h 18m 18s

0000 RTLT=23h 18m 20s

VOYAGER 1

↓ 0940 SLEW->HELIO-2C

↓ 2140 SLEW->HELIO-3C

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

1350 |----- 25 [D] -----| 2300

0620 |-- 65 [D] --|

DSN COVERAGE HPTXR

32

0840 45 [D]

2000 |----- 43 [B] -----| 0350

0330 |----- 45 [D] -----|

HPTXR

RTLT : 18h 30m 28s

1200 RTLT=18h 30m 34s

0000 RTLT=18h 30m 40s

VOYAGER 2

▼ 0052 DUMMY (5 MIN BRACKETED 19:23)

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: 12/21/01 - 10:01

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 27, 2001  
361-362

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 18m 20s

1200 RTLTL=23h 18m 22s

0000 RTLTL=23h 18m 24s

VOYAGER 1

↓ 0940 SLEW->HELIO-4C

↓ 2140 SLEW->HELIO-5C

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]

1340

1345

25 [D]

1935

DSN COVERAGE  
HPTXR

32

45 [D]

1055

1915

45 [D]

HPTXR

RTLTL : 18h 30m 40s

1200 RTLTL=18h 30m 44s

0000 RTLTL=18h 30m 50s

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: 12/21/01 - 10:01

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 28, 2001  
362-363

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 18m 24s

1200 RTLT=23h 18m 26s

0000 RTLT=23h 18m 28s

VOYAGER 1

↓ 0940 SLEW->HELIO-6C

↓ 2140 SLEW->HELIO-7C

FDSL : 11AF

PWS/RH 0557 | 0558

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

0255 | ---- | 0404 TAPPOS

U/L 1250 | - | - - - - - TLC (SHORT-FORM) - - - - -

0557  
GS-4B 0558

FDS MODE  
XB DATA RATE (MI)

CR-5T

CR-5T

160(32)

160(32)

31

1415 | - - - - - 15 [D] - - - - - 1815

0655 | 65 [D]

1220 | - 14 - | 1330

DSN COVERAGE  
HPTXR

32

45 [D] - - - - - 1110

1910 | - - - - - 45 [D] - - - - - 0300 | 0305 - - - - - 34 [o]

HPTXR

RTLT : 18h 30m 50s

1200 RTLT=18h 30m 56s

0000 RTLT=18h 31m 2s

VOYAGER 2

FDSL : 11AF

TAPPOS 0755 |

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 @ 0557 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: 12/21/01 - 10:01

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 29, 2001  
363-364

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 18m 28s

1200 RTLT=23h 18m 30s

0000 RTLT=23h 18m 32s

VOYAGER 1

↓ 0940 SLEW->HELIO-8C

↓ 2140 SLEW->HELIO-9C

FDSL : 11AF

CCSL : A041

| TAPPOS | 0805 - 0927

TWNC : ON

SB : OFF XB : LOW

--- TLC (SHORT-FORM) --- + D/L - | 1336

PYR : .05/ .10/ .25

GYROS : OFF

FDS MODE

CR-5T

XB DATA RATE (MI)

160(32)

31

----- 65 [D] -----

----- 1415

1355 |

-----

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

----- 2245

0650 | 65 [D] |

HPTXR

DSN COVERAGE

32

----- | 0855 34 [o]

0325 | ----- 45 [D] -----

HPTXR

2320 |

----- 43 [o] -----

----- | 0345

RTLT : 18h 31m 2s

1200 RTLT=18h 31m 8s

0000 RTLT=18h 31m 12s

VOYAGER 2

1056 | 1057 PWS/RH

FDSL : 11AF

| 0809 TAPPOS

1304 | 1305 TAPPOS

CCSL : B114

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

1056  
GS-4B 1057

FDS MODE

CR-5T

CR-5T

XB DATA RATE (MI)

160(32)

160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 32=GS-4B @ 1056 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: 12/21/01 - 10:01

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 30, 2001  
364-365

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 18m 32s

1200 RTLT=23h 18m 34s

0000 RTLT=23h 18m 36s

VOYAGER 1

↓ 0940 SLEW->HELIO-10C

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 ----- 0555 | --- 65 [D] ---

1630 | ----- 25 [D] ----- | 2240

DSN COVERAGE  
HPTXR

32 --- 45 [D] --- | 1015

1900 | ----- 45 [D] ----- | 0340

HPTXR

RTLT : 18h 31m 12s

1200 RTLT=18h 31m 18s

0000 RTLT=18h 31m 24s

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: 12/21/01 - 10:01

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 31, 2001  
365-001

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 18m 36s

1200 RTLT=23h 18m 36s

0000 RTLT=23h 18m 38s

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

----- 65 [D] ----- | 1510

DSN COVERAGE  
HPTXR

32

1845 |----- 45 [D] ----- | 2245

HPTXR

RTLT : 18h 31m 24s

1200 RTLT=18h 31m 28s

0000 RTLT=18h 31m 34s

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

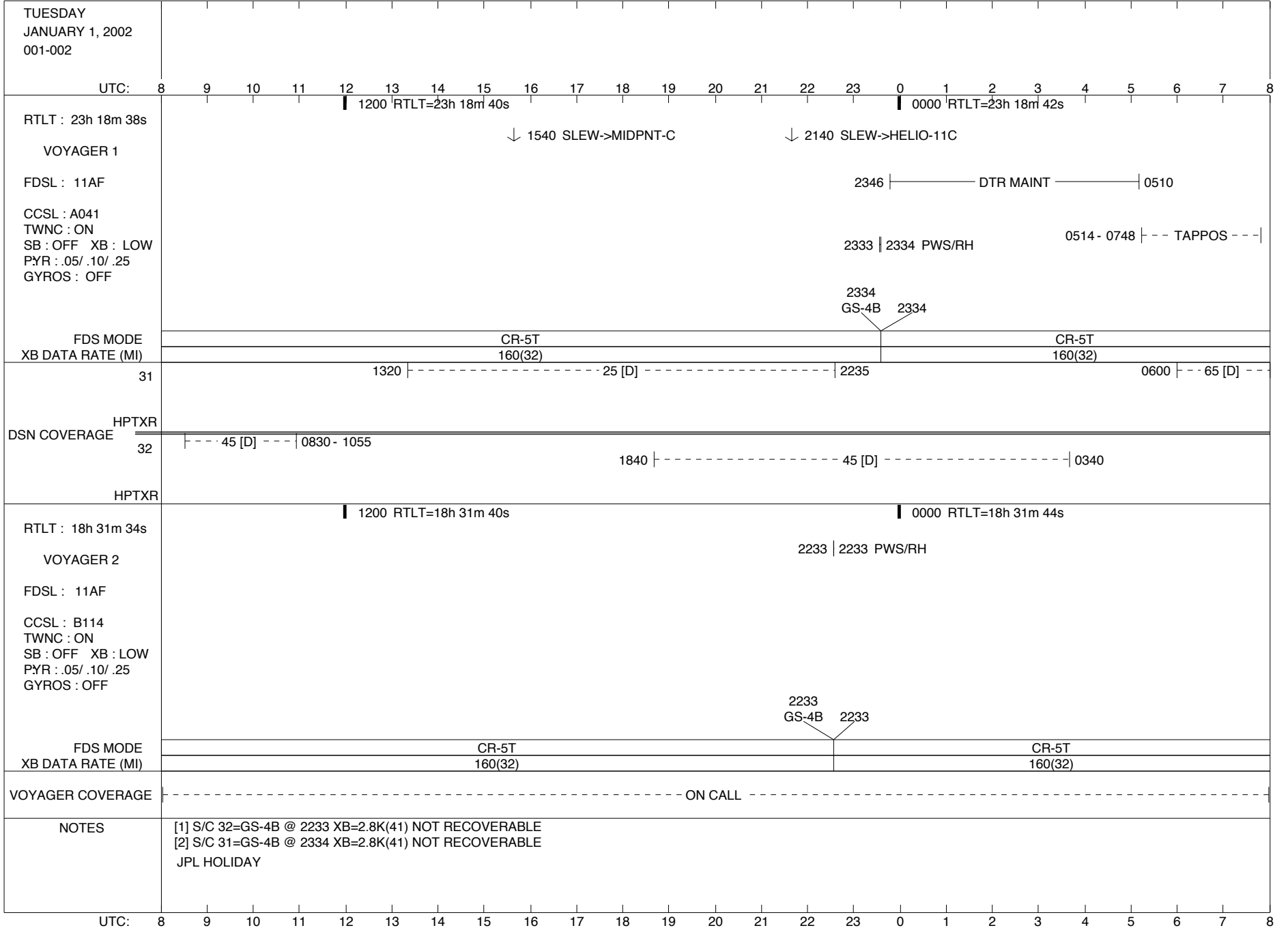
----- ON CALL -----

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: 12/21/01 - 10:01

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: 12/21/01 - 10:01

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  
JANUARY 2, 2002  
002-003

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 18m 42s

1200 RTLT=23h 18m 42s

0000 RTLT=23h 18m 44s

VOYAGER 1

↓ 0940 SLEW->HELIO-12C

1525 | PLSCAL - | 1707

1525 | --- MAGCAL --- | 1827

1525 | --- PESCAL --- | 1845

↓ 2140 SLEW->HELIO-13C

FDSL : 11AF

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

▼ 1940 DUMMY (18:59)

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 --- 65 [D] --- | 1000

1215 | ----- 14 -----

1935 | ----- 25 [D] ----- | 2230

0540 | --- 65 [D] ---

DSN COVERAGE  
HPTXR

32

1840 | ----- 43 [B] ----- | 0115

0135 | ----- 34 [o] -----

HPTXR

RTLT : 18h 31m 44s

1200 RTLT=18h 31m 50s

0000 RTLT=18h 31m 54s

VOYAGER 2

▼ 0032 DUMMY (5 MIN BRACKETED 19:04)

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: 12/21/01 - 10:01

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  
JANUARY 3, 2002  
003-004

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 18m 44s

1200 RTLT=23h 18m 46s

0000 RTLT=23h 18m 46s

VOYAGER 1

↓ 0940 SLEW->HELIO-14C

↓ 2140 SLEW->HELIO-15C

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] --- | 1000

1325 | --- | 1405 25 [D]

0540 | --- 65 [D] ---

HPTXR

1850 | ----- 25 [D] ----- | 2225

DSN COVERAGE

32 --- 34 [o] --- | 1030

1840 | ----- 43 [D] ----- | 0115

0055 | --- 45 [D] --- | 0340

HPTXR

RTLT : 18h 31m 54s

1200 RTLT=18h 32m 0s

0000 RTLT=18h 32m 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: 12/21/01 - 10:01

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  
JANUARY 4, 2002  
004-005

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 18m 46s

1200 RTLTL=23h 18m 48s

0000 RTLTL=23h 18m 50s

VOYAGER 1

↓ 0940 SLEW->HELIO-16C

↓ 2140 SLEW->HELIO-17C

FDSL : 11AF

0534 | 0534 PWS/RH

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

0231 | TAPPOS | 0408

TAPPOS 0741 |

0534  
GS-4B 0534

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

CR-5T  
160(32)

31 --- 65 [D] --- | 1030

1320 | --- 25 [D] --- | 1545

DSN COVERAGE  
HPTXR

32

1850 |

43 [o] |

0325 |

0325 - 0715 |

34 |

HPTXR

RTLTL : 18h 32m 4s

1200 RTLTL=18h 32m 8s

0000 RTLTL=18h 32m 14s

VOYAGER 2

FDSL : 11AF

TAPPOS 0731 - 0746 |

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 @ 0534 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: 12/21/01 - 10:01

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  
JANUARY 5, 2002  
005-006

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 18m 50s

1200 RTLT=23h 18m 50s

0000 RTLT=23h 18m 52s

VOYAGER 1

↓ 0940 SLEW->HELIO-18C

↓ 2140 SLEW->HELIO-19C

FDSL : 11AF

CCSL : A041

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

TAPPOS | 0931

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 0855 |----- 65 [D] -----| 1230

1625 |----- 15 [D] -----| 2300

0545 |--- 65 [D] ---

DSN COVERAGE  
HPTXR

32

1840 |----- 45 [D] -----

HPTXR

RTLT : 18h 32m 14s

1200 RTLT=18h 32m 18s

0000 RTLT=18h 32m 22s

VOYAGER 2

1033 | 1034 PWS/RH

FDSL : 11AF

CCSL : B114

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

1231 | 1231 TAPPOS

1033  
GS-4B 1034

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 @ 1033 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: 12/21/01 - 10:01

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  
JANUARY 6, 2002  
006-007

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 18m 52s

1200 RTLT=23h 18m 52s

0000 RTLT=23h 18m 54s

VOYAGER 1

↓ 0940 SLEW->HELIO-20C

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] --- | 1025

1245 |----- 15 [D] -----| 1930

0540 |--- 65 [D] ---

DSN COVERAGE  
HPTXR

32 --- 45 [D] --- | 1035

1820 |----- 45 [D] -----| 0340

HPTXR

RTLT : 18h 32m 22s

1200 RTLT=18h 32m 26s

0000 RTLT=18h 32m 32s

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