

ISSUE DATE: 01/03/02 - 10:25

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

RTLTL : 23h 18m 44s

1200 RTLTL=23h 18m 46s

0000 RTLTL=23h 18m 46s

VOYAGER 1

↓ 0940 SLEW->HELIO-14C

↓ 2140 SLEW->HELIO-15C

FDSL : 11AF

S/C 31 STATUS

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

FDS CLOCK DRIFT:  
ADD TO S/C EVENT  
ERT: -23.047 sec

ROLLREF = RIGIL  
KENTAURUS

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

RTLTL : 18h 31m 54s

1200 RTLTL=18h 32m 0s

0000 RTLTL=18h 32m 4s

VOYAGER 2

S/C 32 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:  
ADD TO S/C EVENT  
ERT: -95.092 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: 01/03/02 - 10:25

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  
0231 | TAPPOS | 0408

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

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

0310 - 0715 | --- 34[D] --- |

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: 01/03/02 - 10:25

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 VOYAGER 1 FDSL : 11AF CCSL : A041 TWNC : ON SB : OFF XB : LOW PYR : .05/ .10/ .25 GYROS : OFF TAPPOS   0931 FDS MODE XB DATA RATE (MI)	1200 RTLT=23h 18m 50s 0940 SLEW->HELIO-18C 2140 SLEW->HELIO-19C 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 VOYAGER 2 FDSL : 11AF CCSL : B114 TWNC : ON SB : OFF XB : LOW PYR : .05/ .10/ .25 GYROS : OFF 1033   1034 PWS/RH 1231   1231 TAPPOS 1033 GS-4B 1034 FDS MODE XB DATA RATE (MI)	1200 RTLT=18h 32m 18s 0000 RTLT=18h 32m 22s 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: 01/03/02 - 10:25

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

ISSUE DATE: 01/03/02 - 10:25

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  
JANUARY 7, 2002  
007-008

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 54s

1200 RTLT=23h 18m 54s

0000 RTLT=23h 18m 54s

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] --- | 1020

1320 |----- 25 [D] ----- | 1955

0535 |--- 65 [D] ---

DSN COVERAGE  
HPTXR

32

1815 |----- 45 [D] ----- | 0340

HPTXR

RTLT : 18h 32m 32s

1200 RTLT=18h 32m 36s

0000 RTLT=18h 32m 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: 01/03/02 - 10:25

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  
JANUARY 8, 2002  
008-009

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 54s

1200 RTLTL=23h 18m 56s

0000 RTLTL=23h 18m 56s

VOYAGER 1

2310 | 2310 PWS/RH

FDSL : 11AF

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

2310  
GS-4B 2310

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

CR-5T  
160(32)

31 --- 65 [D] --- | 1015

1335 |----- 15 [D] -----| 1930

0530 |--- 65 [D] ---|

DSN COVERAGE  
HPTXR

32

1825 |----- 43 [B] -----| 0340

HPTXR

RTLTL : 18h 32m 40s

1200 RTLTL=18h 32m 44s

0000 RTLTL=18h 32m 48s

VOYAGER 2

2209 | 2210 PWS/RH

FDSL : 11AF

2323 | PLSCAL -| 0105  
2323 |--- MAGCAL ---| 0225  
2323 |--- PESCAL ---| 0243

▼ 2347 DUMMY (5 MIN BRACKETED 18:20)

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

2209  
GS-4B 2210

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 @ 2209 XB=2.8K(41) NOT RECOVERABLE  
[2] S/C 31=GS-4B @ 2310 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: 01/03/02 - 10:25

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 9, 2002  
009-010

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 56s

1200 RTLTL=23h 18m 56s

0000 RTLTL=23h 18m 56s

VOYAGER 1

U/L 1835 | - - - - - TLC (SHORT-FORM) - - - - -

FDSL : 11AF

- ▼ 1545 DUMMY CC (15:04)
- ▼ 1550 EL-40 (15:09)
- ▼ 1605 CCSL A042 (15:24)
- ▼ 1625 DRIBBLE MRO ADDR 5630 (15:44)
- ▼ 1635 DRIBBLE MRO ADDR 5670 (15:54)
- ▼ 1655 CR-5T (16:15)

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] - - | 0955

1435 | - - - - - 14 [T] - - - - - | 1955

0525 | - - - 65 [D] - - -

DSN COVERAGE  
HPTXR

32

1800 | - - - - - 43 [D] - - - - - | 0235

HPTXR

RTLTL : 18h 32m 48s

1200 RTLTL=18h 32m 52s

0000 RTLTL=18h 32m 56s

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: 01/03/02 - 10:25

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 10, 2002  
010-011

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 58s

1200 RTLTL=23h 18m 58s

0000 RTLTL=23h 18m 58s

VOYAGER 1

TLC (SHORT-FORM) -----| D/L -| 1922

FDSL : 11AF

\*  
1539 || 1543 CCS CHKSUM

CCSL : A041

\*  
1546 || 1553 MRO ADDR 5630

TWNC : ON

SB : OFF XB : LOW

\*  
1558 || 1605 MRO ADDR 5670

PYR : .05/ .10/ .25

GYROS : OFF

\* \*  
1510 1616

FDS MODE

CR-5T

EL-40

CR-5T

XB DATA RATE (MI)

160(32)

40(30)

160(32)

31 -- 65 [D] -- | 0945

1245 | ----- 25 [D] ----- | 1930

0515 | --- 65 [D] ---

DSN COVERAGE HPTXR

32

2115 | ----- 45 [D] ----- | 0340

0615 | - 34 [D] - -

HPTXR

RTLTL : 18h 32m 56s

1200 RTLTL=18h 33m 0s

0000 RTLTL=18h 33m 4s

VOYAGER 2

FDSL : 11AF

CCSL : B114

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

FDS MODE

CR-5T

XB DATA RATE (MI)

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: 01/03/02 - 10:25

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 11, 2002  
011-012

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 58s

1200 RTLTL=23h 19m 0s

0000 RTLTL=23h 19m 0s

VOYAGER 1

FDSL : 11AF

0207 | TAPPOS | 0344

TAPPOS 0717 | - - -

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

0510  
GS-4B 0511

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

CR-5T  
160(32)

31

65 [D] - - - - - | 1300

0515 | - - - - - 65 [D] - - - - -

1240 | - - - - - 15 [D] - - - - - | 1735

1330 | - - 25[D,2] - - | 1530

DSN COVERAGE  
HPTXR

32

34 [D] - - - - | 1015

1905 | - - - - - 43 [o] - - - - - | 0255

HPTXR

RTLTL : 18h 33m 4s

1200 RTLTL=18h 33m 8s

0000 RTLTL=18h 33m 12s

VOYAGER 2

FDSL : 11AF

TAPPOS 0708 - 0722 | |

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 @ 0510 XB=2.8K(41) NOT RECOVERABLE  
[2]NMC D1.3.1 TEST TO BROADCAST 5

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: 01/03/02 - 10:25

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 12, 2002  
012-013

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 19m 0s

1200 RTLT=23h 19m 0s

0000 RTLT=23h 19m 0s

VOYAGER 1

FDSL : 11AF

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

-----| 0907 TAPPOS

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 --- 65 [D] --- | 1015 1255 |----- 25 [D] ----- | 2205 0350 |----- 63 [D] -----

DSN COVERAGE  
HPTXR

32 1800 |----- 45 [D] ----- | 0220

HPTXR

RTLT : 18h 33m 12s

1200 RTLT=18h 33m 16s

0000 RTLT=18h 33m 18s

VOYAGER 2

1009 | 1010 PWS/RH

FDSL : 11AF

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

1217 | 1218 TAPPOS

1009  
GS-4B 1010

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 @ 1009 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: 01/03/02 - 10:25

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 13, 2002  
013-014

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 19m 0s

1200 RTLT=23h 19m 0s

0000 RTLT=23h 19m 0s

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 --- 63 [D] --- | 1005

0510 |----- 65 [D] -----

DSN COVERAGE  
HPTXR

32

1800 |----- 43 [D] ----- | 2345

2345 |----- 45 [D] ----- | 0335

HPTXR

RTLT : 18h 33m 18s

1200 RTLT=18h 33m 22s

0000 RTLT=18h 33m 26s

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: 01/03/02 - 10:25

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  
JANUARY 14, 2002  
014-015

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 19m 0s

1200 RTLTL=23h 19m 0s

0000 RTLTL=23h 19m 0s

VOYAGER 1

↓ 2049 BEGIN SEQUENCE A042

FDSL : 11AF

↓ 0420 BAY 1 HTR OFF

↓ 0424 X/B HI POWER

U/L 0550 | - |

TLC (SHORT-FORM) | - - - - -

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] - - | 0935

1245 | - - - - - 25 [D] - - - - - | 2000

0420 | - - - - - 63 [T] - - - - -

DSN COVERAGE  
HPTXR

32

1805 | - - - - - 45 [D] - - - - - | 0115

HPTXR

RTLTL : 18h 33m 26s

1200 RTLTL=18h 33m 30s

0000 RTLTL=18h 33m 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

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: 01/03/02 - 10:25

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  
JANUARY 15, 2002  
015-016

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 19m 0s

1200 RTLTL=23h 19m 2s

0000 RTLTL=23h 19m 2s

2246 | 2247 PWS/RH

VOYAGER 1

FDSL : 11AF

CCSL : A042  
TWNC : ON  
SB : OFF XB : HI  
PYR : .05/ .10/ .25  
GYROS : OFF

TLC (SHORT-FORM)

D/L | 0637

0640 | TAPPOS

2246  
GS-4B 2247

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

CR-5T

160(32)

31 -- 63 [T] -- | 0935

1225 | ----- 25 [D] ----- | 1715

0505 | ---- 65 [D] ----

DSN COVERAGE  
HPTXR

32

1800 | ----- 43 [o] ----- | 0230

HPTXR

RTLTL : 18h 33m 32s

1200 RTLTL=18h 33m 36s

0000 RTLTL=18h 33m 40s

2146 | 2146 PWS/RH

VOYAGER 2

FDSL : 11AF

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

2146  
GS-4B 2146

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 @ 2146 XB=2.8K(41) NOT RECOVERABLE
- [2] S/C 31=GS-4B @ 2246 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: 01/03/02 - 10:25

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 16, 2002  
016-017

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 19m 2s

1200 RTLTL=23h 19m 2s

0000 RTLTL=23h 19m 2s

VOYAGER 1

↓ 1300 YAW=.05

↓ 1918 YAW=.10

FDSL : 11AF

0540 - 0718 | TAPPOS |

CCSL : A042

1311 |-----| PLAYBACK |-----| 1908

TWNC : ON

SB : OFF XB : HI

PYR : .05/ .10/ .25

GYROS : OFF

---| 0847 TAPPOS

▼ 1630 DUMMY (15:49)

FDS MODE

CR-5T

PB-14

CR-5T

XB DATA RATE (MI)

160(32)

1.4K(39)

160(32)

31

65 [D] - | 0935

1200 |-----| 14 |-----| 2000

0500 |-----| 65 [D] |-----|

DSN COVERAGE

HPTXR

32

1915 |-----| 43 [o] |-----| 0200

HPTXR

RTLTL : 18h 33m 40s

1200 RTLTL=18h 33m 42s

0000 RTLTL=18h 33m 46s

VOYAGER 2

FDSL : 11AF

CCSL : B114

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

FDS MODE

CR-5T

XB DATA RATE (MI)

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: 01/03/02 - 10:25

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 17, 2002  
017-018

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 19m 2s

1200 RTLT=23h 19m 0s

0000 RTLT=23h 19m 0s

VOYAGER 1

FDSL : 11AF

CCSL : A042  
TWNC : ON  
SB : OFF XB : HI  
PYR : .05/ .10 / .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 65 [D] - | 0925

1235 | - - - - - 25 [D] - - - - - | 1655

0455 | - - - - - 65 [D] - - - - -

DSN COVERAGE  
HPTXR

32

1755 | - - - - - 43 [B] - - - - - | 0225

HPTXR

RTLT : 18h 33m 46s

1200 RTLT=18h 33m 48s

0000 RTLT=18h 33m 52s

VOYAGER 2

FDSL : 11AF

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

▼ 0047 DUMMY (5 MIN BRACKETED 19:21)

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: 01/03/02 - 10:25

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 18, 2002  
018-019

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 19m 0s

1200 RTLTL=23h 19m 0s

0000 RTLTL=23h 19m 0s

0446 | 0447 PWS/RH

VOYAGER 1

FDSL : 11AF

0143 | TAPPOS | 0320

TAPPOS 0653 | - - - -

CCSL : A042  
TWNC : ON  
SB : OFF XB : HI  
PYR : .05/ .10 / .25  
GYROS : OFF

0446  
GS-4B 0447

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

CR-5T  
160(32)

31 65 [D] - | 0925

1215 | - - - - - 25 [D] - - - - - | 1545

0435 | - - - - - 65 [D] - - - - -

DSN COVERAGE  
HPTXR

32

1825 | - - - - - 34 [D] - - - - - | 2335

HPTXR

RTLTL : 18h 33m 52s

1200 RTLTL=18h 33m 54s

0000 RTLTL=18h 33m 56s

VOYAGER 2

FDSL : 11AF

TAPPOS 0644 | | 0658

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 @ 0446 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: 01/03/02 - 10:25

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 19, 2002  
019-020

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 19m 0s

1200 RTLT=23h 19m 0s

0000 RTLT=23h 19m 0s

VOYAGER 1

FDSL : 11AF

CCSL : A042

TWNC : ON

SB : OFF XB : HI

PYR : .05/ .10 / .25

GYROS : OFF

--- | 0844 TAPPOS

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 65 [D] - | 0925

1225 | ----- 25 [D] ----- | 2000

0435 | ----- 65 [D] -----

DSN COVERAGE  
HPTXR

32

1735 | ----- 43 [D] ----- | 2300

HPTXR

RTLT : 18h 33m 56s

1200 RTLT=18h 34m 0s

0000 RTLT=18h 34m 2s

VOYAGER 2

0946 | 0947 PWS/RH

FDSL : 11AF

1154 | 1154 TAPPOS

CCSL : B114

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

0946  
GS-4B 0947

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 @ 0946 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: 01/03/02 - 10:25

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 20, 2002  
020-021

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 19m 0s

1200 RTLT=23h 19m 0s

0000 RTLT=23h 19m 0s

VOYAGER 1

FDSL : 11AF

CCSL : A042  
TWNC : ON  
SB : OFF XB : HI  
PYR : .05/ .10 / .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 --- 65 [D] --- | 0955

1220 |----- 25 [D] -----| 2000

0435 |----- 65 [D] -----|

DSN COVERAGE  
HPTXR

32

1720 |----- 43 [D] -----| 0320

HPTXR

RTLT : 18h 34m 2s

1200 RTLT=18h 34m 4s

0000 RTLT=18h 34m 8s

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