

ISSUE DATE: 01/02/02 - 08:57

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

S/C 31 STATUS

FDS CLOCK DRIFT:  
ADD TO S/C EVENT  
ERT: -23.000 sec

ROLLREF = RIGIL  
KENTAURUS

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

S/C 32 STATUS

FDS CLOCK DRIFT:  
ADD TO S/C EVENT  
ERT: -94.328 sec

ROLLREF = VEGA

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: 01/02/02 - 08:57

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

RTLTL : 23h 18m 24s  
VOYAGER 1  
FDSL : 11AF  
CCSL : A041  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

↓ 0940 SLEW->HELIO-6C

↓ 2140 SLEW->HELIO-7C

PWS/RH 0557 | 0558

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

HPTXR

45 [D] - - - - - 1110

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

34 [o]

RTLTL : 18h 30m 50s  
VOYAGER 2  
FDSL : 11AF  
CCSL : B114  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

1200 RTLTL=18h 30m 56s

0000 RTLTL=18h 31m 2s

TAPPOS 0755 |

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: 01/02/02 - 08:57

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

RTLTL : 23h 18m 28s  
VOYAGER 1  
FDSL : 11AF  
CCSL : A041  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

1200 RTLTL=23h 18m 30s  
0000 RTLTL=23h 18m 32s  
↓ 0940 SLEW->HELIO-8C  
↓ 2140 SLEW->HELIO-9C  
TAPPOS | 0805 - 0927  
--- TLC (SHORT-FORM) --- + D/L - | 1336

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

DSN COVERAGE  
HPTXR  
32

31  
----- 65 [D] ----- | 1415  
1355 |----- 25 [D] ----- | 2245  
0650 | 65 [D] |  
----- | 0855 34 [o]

HPTXR

0325 |----- 45 [D] -----  
2320 |----- 43 [o] ----- | 0345

RTLTL : 18h 31m 2s  
VOYAGER 2  
FDSL : 11AF  
CCSL : B114  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

1200 RTLTL=18h 31m 8s  
0000 RTLTL=18h 31m 12s  
1056 | 1057 PWS/RH  
0809 TAPPOS 1304 | 1305 TAPPOS  
1056  
GS-4B 1057

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 @ 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: 01/02/02 - 08:57

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

1630

25 [D]

2240

0555

65 [D]

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: 01/02/02 - 08:57

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

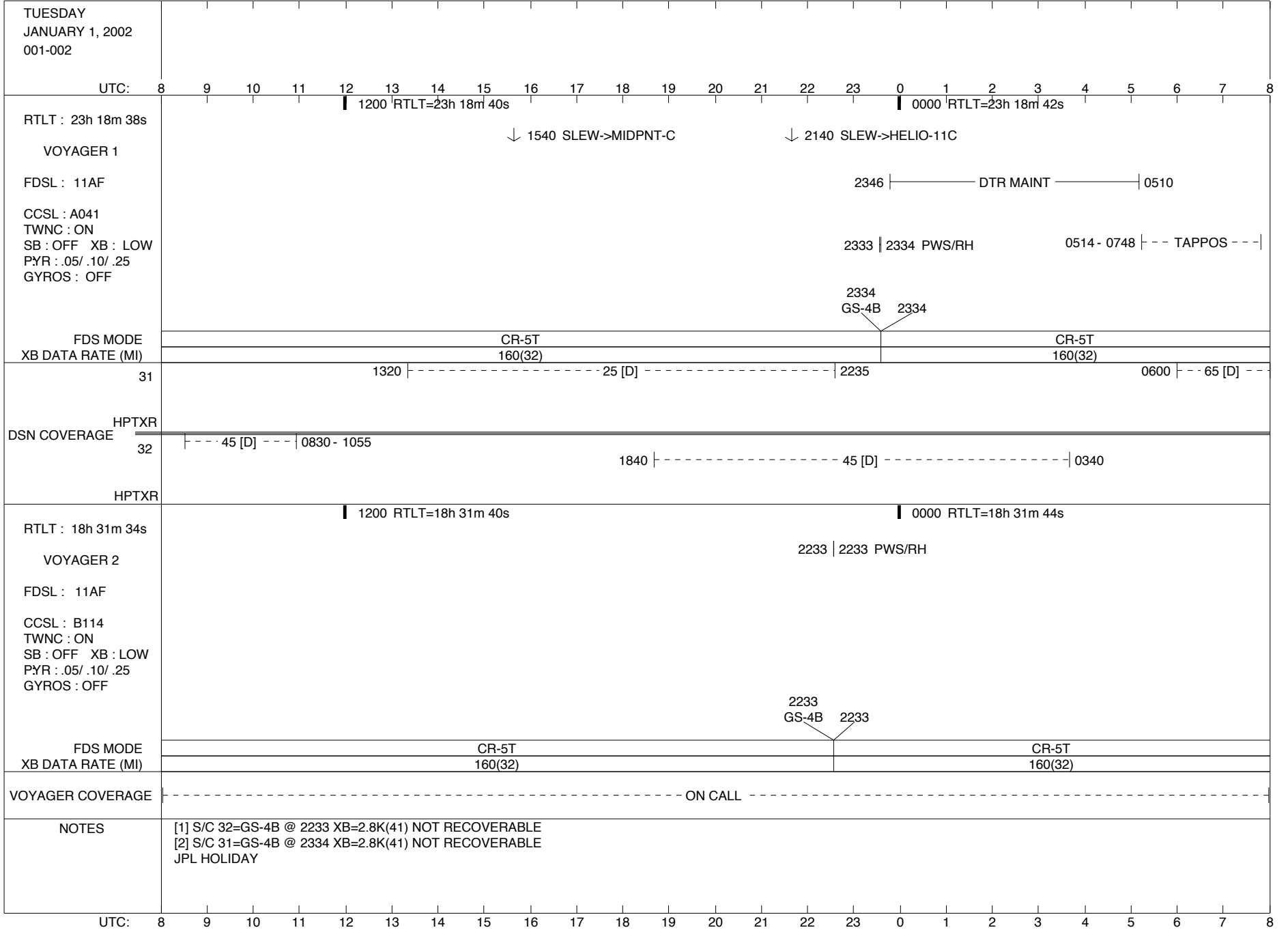
----- ON CALL -----

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: 01/02/02 - 08:57

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: 01/02/02 - 08:57

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

▼ 1940 DUMMY (18:59)

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

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

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

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

DSN COVERAGE  
HPTXR

32

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

0340 | ----- 34 [o] -----

HPTXR

RTLT : 18h 31m 44s

1200 RTLT=18h 31m 50s

0000 RTLT=18h 31m 54s

VOYAGER 2

▼ 2232 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: 01/02/02 - 08:57

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] ----- | 1340

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: 01/02/02 - 08:57

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 |

0325 - 0715 |

34 |

HPTXR

RTLTL : 18h 32m 4s

1200 RTLTL=18h 32m 8s

0000 RTLTL=18h 32m 14s

VOYAGER 2

TAPPOS 0731 - 0746 |

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 @ 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: 01/02/02 - 08:57

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 ↓ 0940 SLEW->HELIO-18C ↓ 2140 SLEW->HELIO-19C	1200 RTLT=23h 18m 50s 0000 RTLT=23h 18m 52s
FDS MODE	CR-5T
XB DATA RATE (MI)	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	1200 RTLT=18h 32m 18s 0000 RTLT=18h 32m 22s
FDS MODE	CR-5T
XB DATA RATE (MI)	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: 01/02/02 - 08:57

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: 01/02/02 - 08:57

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: 01/02/02 - 08:57

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

FDSL : 11AF

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

2310 | 2310 PWS/RH

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

CR-5T  
160(32)

2310  
GS-4B 2310

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

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

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

DSN COVERAGE  
HPTXR

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

HPTXR

RTLTL : 18h 32m 40s

1200 RTLTL=18h 32m 44s

0000 RTLTL=18h 32m 48s

VOYAGER 2

FDSL : 11AF

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

2209 | 2210 PWS/RH

2323 | PLSCAL -| 0105

2323 |--- MAGCAL ---| 0225

2323 |---- PESCAL ----| 0243

▼ 2347 DUMMY (5 MIN BRACKETED 18:20)

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

CR-5T  
160(32)

2209  
GS-4B 2210

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: 01/02/02 - 08:57

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)

CCSL : A041

▼ 1605 CCSL A042 (15:24)

TWNC : ON

▼ 1625 DRIBBLE MRO ADDR 5630 (15:44)

SB : OFF XB : LOW

▼ 1635 DRIBBLE MRO ADDR 5670 (15:54)

PYR : .05/ .10/ .25

▼ 1655 CR-5T (16:15)

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: 01/02/02 - 08:57

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

PYR : .05/ .10/ .25

GYROS : OFF

\*  
1558 || 1605 MRO ADDR 5670

\* \*  
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: 01/02/02 - 08:57

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

0510 | 0511 PWS/RH

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

CR-5T

160(32)

160(32)

31

65 [D] - - - - - | 1300

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

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

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

DSN COVERAGE  
HPTXR

32

HPTXR

34 [D] - - - | 1015

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

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: 01/02/02 - 08:57

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: 01/02/02 - 08:57

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