

ISSUE DATE: 01/05/00 - 10:11

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 6, 2000  
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

RTLTL : 21h 18m 48s

1200 RTLTL=21h 18m 50s

0000 RTLTL=21h 18m 50s

VOYAGER 1

S/C 31 STATUS
FDS CLOCK DRIFT: ADD TO S/C EVENT ERT: -18.224 sec
ROLLREF = RIGIL KENTAURUS

FDSSL : 11AF

CCSL : A033  
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

0530 | --- 63 [D] ---

1145 | --- 14 [D] --- | 1545

1525 | --- 24 [D] --- | 1945

DSN COVERAGE  
HPTXR

32 --- 43 [D] --- | 1035

0545 | --- 34 [o] ---

HPTXR

RTLTL : 16h 49m 58s

1200 RTLTL=16h 50m 2s

0000 RTLTL=16h 50m 6s

VOYAGER 2

S/C 32 STATUS
FDS CLOCK DRIFT: ADD TO S/C EVENT ERT: -14.338 sec
ROLLREF = VEGA

FDSSL : 11AF

CCSL : B106  
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: 01/05/00 - 10:11

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 7, 2000  
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

RTLTL : 21h 18m 50s

1200 RTLTL=21h 18m 50s

0000 RTLTL=21h 18m 52s

VOYAGER 1

FDSL : 11AF

▼ 1700 DUMMY (14:18)

CCSL : A033  
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]

1145

1150

14

1925

1905

24 [D]

2235

0405

63 [D]

DSN COVERAGE

HPTXR

32

34 [o]

1020

1815

43 [B]

0045

0615 43 [D]

HPTXR

RTLTL : 16h 50m 6s

1200 RTLTL=16h 50m 10s

0000 RTLTL=16h 50m 14s

VOYAGER 2

FDSL : 11AF

▼ 1917 DUMMY (BRACKETED 5MIN NO D/L)

CCSL : B106  
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: 01/05/00 - 10:11

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 8, 2000  
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

RTLT : 21h 18m 52s

1200 RTLT=21h 18m 52s

0000 RTLT=21h 18m 54s

VOYAGER 1

FDSL : 11AF

CCSL : A033

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] ----- | 1145

1140 |-----

14 [D] ----- | 2100

2040 | - 24 [D] - - | 2230

0545 - 0735 | - 54 [D] - - |

DSN COVERAGE  
HPTXR

32

43 [D] - - - | 1005

1825 |----- 45 [D] ----- | 0100

0615 | - 34 [D] - - |

HPTXR

RTLT : 16h 50m 14s

1200 RTLT=16h 50m 18s

0000 RTLT=16h 50m 22s

VOYAGER 2

FDSL : 11AF

CCSL : B106

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: 01/05/00 - 10:11

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 9, 2000  
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

RTLT : 21h 18m 54s

1200 RTLT=21h 18m 54s

0000 RTLT=21h 18m 54s

VOYAGER 1

FDSL : 11AF

CCSL : A033

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

31

1220

14 [D]

2330

0400

63 [D]

DSN COVERAGE  
HPTXR

32

34 [D] 1010

1930

34 [D]

0100

0645 - 0800 43 [D]

HPTXR

RTLT : 16h 50m 22s

1200 RTLT=16h 50m 26s

0000 RTLT=16h 50m 30s

VOYAGER 2

FDSL : 11AF

CCSL : B106

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: 01/05/00 - 10:11

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 10, 2000  
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

RTLT : 21h 18m 54s

1200 RTLT=21h 18m 54s

0000 RTLT=21h 18m 56s

↓ 1949 BEGIN SEQUENCE A034

VOYAGER 1

FDSL : 11AF

CCSL : A033  
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] -----| 1130  
1130 |-----14 [D] -----| 1545  
1635 |-----24 [D] -----| 2225  
0350 |---63 [D] ---| 0615  
0555 |---65 [D] ---|

DSN COVERAGE  
HPTXR

32 0800 43 [D]  
1930 |-----45 [D] -----| 0115  
0615 |---45 [D] ---|

HPTXR

RTLT : 16h 50m 30s

1200 RTLT=16h 50m 34s

0000 RTLT=16h 50m 38s

VOYAGER 2

FDSL : 11AF

CCSL : B106  
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: 01/05/00 - 10:11

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 11, 2000  
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

RTLT : 21h 18m 56s

1200 RTLT=21h 18m 56s

0000 RTLT=21h 18m 56s

VOYAGER 1

FDSL : 11AF

CCSL : A034  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

2258  
GS-4B 2258

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160 (32)

CR-5T  
160(32)

31 --- 65 [D] --- | 1045 1210 | --- 25 [D] --- | 1600  
1900 | --- 14 [D] --- | 2320  
1620 | --- 24 [D] --- | 1905  
0400 - 0745 | --- 63 [D] --- |

DSN COVERAGE  
HPTXR

32 --- 45 [D] --- | 1015  
1855 | --- 34 [D] --- | 0100  
0100 | --- 43 [o] --- | 0330

HPTXR

RTLT : 16h 50m 38s

1200 RTLT=16h 50m 42s

0000 RTLT=16h 50m 46s

VOYAGER 2

FDSL : 11AF

CCSL : B106  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

2206  
GS-4B 2207

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

CR-5T  
160(32)

VOYAGER COVERAGE

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

NOTES

- [1] S/C32=GS-4B @ 2206 XB=2.8K(41) NOT RECONERABLE
- [2] S/C 31=GS-4B @ 2258 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: 01/05/00 - 10:11

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 12, 2000  
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

RTLTL : 21h 18m 56s

1200 RTLTL=21h 18m 56s

0000 RTLTL=21h 18m 56s

VOYAGER 1

FDSL : 11AF

▼ 1700 DUMMY (14:18)

CCSL : A034  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

1135 |----- 14 -----| 1855

0400 - 0745 |----- 63 [D] -----|

DSN COVERAGE  
HPTXR

32

1805 |---- 45 [D] ----| 2045

0530 |---- 45 [D] ----|

HPTXR

RTLTL : 16h 50m 46s

1200 RTLTL=16h 50m 50s

0000 RTLTL=16h 50m 54s

VOYAGER 2

FDSL : 11AF

CCSL : B106  
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: 01/05/00 - 10:11

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 13, 2000  
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 : 21h 18m 56s

1200 RTLT=21h 18m 56s

0000 RTLT=21h 18m 56s

VOYAGER 1

FDSL : 11AF

U/L 1400 | - | - - - - - TLC (SHORT-FORM) - - - - -

CCSL : A034  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

1130 | - - - - - 14 [T] - - - - - | 1545

0340 | - - - - - 63 [D] - - - - -

DSN COVERAGE  
HPTXR

32

- - - 45 [D] - - - | 1005

1830 | - - - - - 34 [D] - - - - - | 2245

0545 | - - - 34 [o] - - -

HPTXR

RTLT : 16h 50m 54s

1200 RTLT=16h 50m 54s

0000 RTLT=16h 51m 0s

VOYAGER 2

FDSL : 11AF

CCSL : B106  
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: 01/05/00 - 10:11

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 14, 2000  
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 : 21h 18m 58s

1200 RTLTL=21h 18m 58s

0000 RTLTL=21h 18m 58s

VOYAGER 1

-- TLC (SHORT-FORM) -- + D/L -- | 1247

FDSL : 11AF

CCSL : A034  
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  
1115 |----- 14 [D] ----- | 2310  
0335 |----- 63 [D] -----

DSN COVERAGE  
HPTXR

32 --- 34 [o] --- | 0955  
1935 |----- 43 [B] ----- | 0630 | 34 [o] ---  
0530

HPTXR

RTLTL : 16h 51m 0s

1200 RTLTL=16h 51m 4s

0000 RTLTL=16h 51m 6s

VOYAGER 2

FDSL : 11AF

CCSL : B106  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

▼ 2112 DUMMY (BRACKETED 5MIN NO D/L)

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: 01/05/00 - 10:11

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 15, 2000  
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

RTLT : 21h 18m 58s

1200 RTLT=21h 18m 58s

0000 RTLT=21h 18m 58s

VOYAGER 1

FDSL : 11AF

CCSL : A034  
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] ----- | 1130 0335 |----- 63 [D] -----

1110 |-----

14 [D] -----

1835 |----- 1855

1835 |----- 24 [D] ----- | 2205

DSN COVERAGE

HPTXR

32 -- 34 [o] -- | 0950 0615 |-- 34 [D] --

1755 |----- 45 [D] ----- | 0100

0040 |----- 43 [o] ----- | 0610

HPTXR

RTLT : 16h 51m 6s

1200 RTLT=16h 51m 10s

0000 RTLT=16h 51m 12s

VOYAGER 2

FDSL : 11AF

CCSL : B106  
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: 01/05/00 - 10:11

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 16, 2000  
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 : 21h 18m 58s

1200 RTLTL=21h 18m 58s

0000 RTLTL=21h 18m 58s

VOYAGER 1

FDSL : 11AF

CCSL : A034  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

HPTXR

DSN COVERAGE

32

HPTXR

RTLTL : 16h 51m 12s

1200 RTLTL=16h 51m 16s

0000 RTLTL=16h 51m 18s

VOYAGER 2

FDSL : 11AF

CCSL : B106  
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: 01/05/00 - 10:11

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 17, 2000  
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 : 21h 18m 58s

1200 RTLT=21h 18m 58s

0000 RTLT=21h 18m 56s

VOYAGER 1

FDSL : 11AF

CCSL : A034  
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] | 0915 1105 | ----- 14 [D] ----- | 1545 1945 | --- 24 [D] --- | 2200 0325 | ----- 63 [D] ----- |

DSN COVERAGE  
HPTXR

32 | 34 [D] | 0815 - 0940 0330 - 0730 | ----- 43 [D] ----- |

HPTXR

RTLT : 16h 51m 18s

1200 RTLT=16h 51m 22s

0000 RTLT=16h 51m 24s

VOYAGER 2

FDSL : 11AF

CCSL : B106  
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: 01/05/00 - 10:11

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 18, 2000  
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 : 21h 18m 56s

1200 RTLTL=21h 18m 56s

0000 RTLTL=21h 18m 56s

VOYAGER 1

2234 | 2234 PWS/RH

FDSL : 11AF

▼ 1600 DUMMY (13:18)

CCSL : A034  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

2234  
GS-4B 2234

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

CR-5T  
160(32)

31 -- 63 [D] -- | 0945 1100 |----- 14 ----- | 1645 0530 - 0715 |-- 54 [D] -- |

0320 |---- 63 [D] ---- | 0545

DSN COVERAGE  
HPTXR

0045 |----- 43 [D] ----- |

32

HPTXR

RTLTL : 16h 51m 24s

1200 RTLTL=16h 51m 28s

0000 RTLTL=16h 51m 30s

VOYAGER 2

2142 | 2143 PWS/RH

FDSL : 11AF

CCSL : B106  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

2143  
GS-4B 2143

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 @ 2143 XB=2.8K(41) NOT RECOVERABLE  
[2] S/C 31=GS-4B @ 2234 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: 01/05/00 - 10:11

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 19, 2000  
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 : 21h 18m 56s

1200 RTLT=21h 18m 56s

0000 RTLT=21h 18m 56s

VOYAGER 1

FDSL : 11AF

U/L 1430 | - | - - - - - TLC (SHORT-FORM) - - - - -

CCSL : A034  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

1115 | - - - - - 14 [T] - - - - - 2100

0315 | - - - - 63 [D] - - - - | 0545

0530 - 0755 | - - - - 65 [D] - - - - |

DSN COVERAGE  
HPTXR

32

0805 43 [D]

0145 | - - - - - 43 [D] - - - - -

HPTXR

RTLT : 16h 51m 30s

1200 RTLT=16h 51m 32s

0000 RTLT=16h 51m 36s

VOYAGER 2

FDSL : 11AF

CCSL : B106  
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: 01/05/00 - 10:11

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 20, 2000  
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 : 21h 18m 56s

1200 RTLT=21h 18m 56s

0000 RTLT=21h 18m 56s

VOYAGER 1

FDSL : 11AF

--- TLC (SHORT-FORM) --- + D/L - | 1317

CCSL : A034

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

1120

----- 15 [D] -----

1545

1630

----- 24 [D] -----

2145

0315 --- 63 [D] --- | 0535

DSN COVERAGE  
HPTXR

32

--- | 0845 43 [D]

1745 | ----- 43 [B] ----- | 2145

HPTXR

RTLT : 16h 51m 36s

1200 RTLT=16h 51m 36s

0000 RTLT=16h 51m 40s

VOYAGER 2

FDSL : 11AF

CCSL : B106

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

▼ 1942 DUMMY (BRACKETED 5MIN NO D/L)

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: 01/05/00 - 10:11

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 21, 2000  
021-022

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 : 21h 18m 56s

1200 RTLTL=21h 18m 54s

0000 RTLTL=21h 18m 54s

VOYAGER 1

FDSL : 11AF

CCSL : A034  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

1115 |----- 15 [D] -----| 1815

0355 |----- 65 [D] -----|

DSN COVERAGE  
HPTXR

32

1725 |---- 43 [D] ----| 1955

0340 |----- 43 [D] -----|

HPTXR

RTLTL : 16h 51m 40s

1200 RTLTL=16h 51m 42s

0000 RTLTL=16h 51m 46s

VOYAGER 2

FDSL : 11AF

CCSL : B106  
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: 01/05/00 - 10:11

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 22, 2000  
022-023

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 : 21h 18m 54s

1200 RTLTL=21h 18m 54s

0000 RTLTL=21h 18m 52s

VOYAGER 1

↓ 1940 SLEW->HELIO-1A

SLEW->HELIO-2A 0740 ↓

FDSL : 11AF

CCSL : A034  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

31 0805 65 [D] 1050 |----- 14 [D] -----| 1630 0305 |----- 63 [D] -----|

HPTXR

DSN COVERAGE

32 -- 43 [D] --| 0945 1730 |----- 43 [D] -----| 2130

HPTXR

RTLTL : 16h 51m 46s

1200 RTLTL=16h 51m 48s

0000 RTLTL=16h 51m 50s

VOYAGER 2

FDSL : 11AF

CCSL : B106  
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: 01/05/00 - 10:11

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 23, 2000  
023-024

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 : 21h 18m 52s

1200 RTLTL=21h 18m 52s

0000 RTLTL=21h 18m 52s

VOYAGER 1

↓ 1940 SLEW->HELIO-3A

SLEW->HELIO-4A 0740 ↓

FDSL : 11AF

CCSL : A034  
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] --- | 1045

1345 |----- 14 [D] -----| 2200

0300 |----- 63 [D] -----|

DSN COVERAGE  
HPTXR

32

1745 |----- 43 [D] -----| 2145

HPTXR

RTLTL : 16h 51m 50s

1200 RTLTL=16h 51m 52s

0000 RTLTL=16h 51m 54s

VOYAGER 2

FDSL : 11AF

CCSL : B106  
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