

ISSUE DATE: 01/12/99 - 09:03

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 14, 1999
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 : 20h 18m 52s

1200 RTLTL=20h 18m 52s

0000 RTLTL=20h 18m 52s

VOYAGER 1

----- TLC (SHORT-FORM) ----- | D/L -| 1422

FDSL : 11AF

S/C 31 STATUS
FDS CLOCK DRIFT: ADD TO S/C EVENT ERT: -16.440 sec
ROLLREF = RIGIL KENTAURUS

↓ 1610 SLEW->HELIO-2A

↓ 0410 SLEW->HELIO-3A

CCSL : A030
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

31

1110 |----- 14 [D] -----| 1545

DSN COVERAGE
HPTXR

32

--- 45 [D] --- | 1000

1750 |----- 43 [D] -----| 2325

0235 |----- 45 [D] -----

HPTXR

RTLTL : 16h 0m 16s

1200 RTLTL=16h 0m 20s

0000 RTLTL=16h 0m 22s

VOYAGER 2

FDSL : 11AF

S/C 32 STATUS
FDS CLOCK DRIFT: ADD TO S/C EVENT ERT: 22.774 sec
ROLLREF = VEGA

CCSL : B102
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: 01/12/99 - 09:03

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 15, 1999
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 : 20h 18m 52s

1200 RTLTL=20h 18m 52s

0000 RTLTL=20h 18m 52s

VOYAGER 1

↓ 1610 SLEW->HELIO-4A

↓ 0410 SLEW->HELIO-5A

FDSL : 11AF

CCSL : A030
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

31

1105 |-----14-----|1745

1725 | 25 [D] -| 1845

DSN COVERAGE
HPTXR

32

---|0845 45 [D]

2030 |---- 43 [D] ----|2320

0345 |----- 45 [D] -----|

HPTXR

RTLTL : 16h 0m 22s

1200 RTLTL=16h 0m 26s

0000 RTLTL=16h 0m 28s

VOYAGER 2

FDSL : 11AF

CCSL : B102
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: 01/12/99 - 09:03

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 16, 1999
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 : 20h 18m 52s

1200 RTLTL=20h 18m 52s

0000 RTLTL=20h 18m 52s

VOYAGER 1

↓ 1610 SLEW->HELIO-6A

↓ 0410 SLEW->HELIO-7A

FDSL : 11AF

CCSL : A030
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

31 1100 |----- 14 [D] -----| 1630

DSN COVERAGE HPTXR

32 -- 45 [D] --| 0950

1915 |-- 42 [D] --| 2110

0545 |-- 42 [D] ----

2210 | 43 [D] | 2320

HPTXR

RTLTL : 16h 0m 28s

1200 RTLTL=16h 0m 32s

0000 RTLTL=16h 0m 34s

VOYAGER 2

FDSL : 11AF

CCSL : B102
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: 01/12/99 - 09:03

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 17, 1999
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 : 20h 18m 52s

1200 RTLT=20h 18m 52s

0000 RTLT=20h 18m 52s

VOYAGER 1

↓ 1610 SLEW->HELIO-8A

↓ 0410 SLEW->HELIO-9A

FDSL : 11AF

CCSL : A030
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31

1100 |----- 14 [D] -----| 1645

1845 |----- 15 [D] -----| 2235

DSN COVERAGE
HPTXR

32

--| 0825 42 [D]
| - 45 [D] - | 0805 - 0945

0245 - 0755 |----- 45 [D] -----|

HPTXR

RTLT : 16h 0m 34s

1200 RTLT=16h 0m 38s

0000 RTLT=16h 0m 40s

VOYAGER 2

FDSL : 11AF

CCSL : B102
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: 01/12/99 - 09:03

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 18, 1999
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

RTLT : 20h 18m 52s

1200 RTLT=20h 18m 52s

0000 RTLT=20h 18m 50s

VOYAGER 1

↓ 1610 SLEW->HELIO-10A

↓ 0410 SLEW->MIDPT-A

FDSL : 11AF

CCSL : A030
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] ----- | 0845 - 1445

0345 |----- 63 [D] -----

DSN COVERAGE
HPTXR

32

1745 |----- 43 [D] ----- | 2045

0415 |----- 34 [O] -----

HPTXR

RTLT : 16h 0m 40s

1200 RTLT=16h 0m 42s

0000 RTLT=16h 0m 46s

VOYAGER 2

FDSL : 11AF

CCSL : B102
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: 01/12/99 - 09:03

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 19, 1999
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 : 20h 18m 50s

1200 RTLT=20h 18m 50s

0000 RTLT=20h 18m 50s

VOYAGER 1

↓ 1610 SLEW->HELIO-11A

2228 | 2228 PWS/RH

SLEW->HELIO-12A 0410 ↓

FDSL : 11AF

CCSL : A030
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

2228
GS-4B 2228

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

CR-5T
160(32)

31 --- { 0845 63 [D] 1050 |----- 14 -----| 1710 0310 |----- 63 [D] -----|

DSN COVERAGE
HPTXR

32 34 [o] -| 0920 1745 |----- 43 [D] -----| 2305 0640 | 43 [B] -

HPTXR

0355 |----- 45 [D] -----| 0700

RTLT : 16h 0m 46s

1200 RTLT=16h 0m 48s

0000 RTLT=16h 0m 50s

VOYAGER 2

2141 | 2142 PWS/RH

DUMMY (BRACKETED 5MIN 23:08) 0707 ▼

FDSL : 11AF

CCSL : B102
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

2141
GS-4B 2142

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

CR-5T
160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 32=GS-4B @ 2141 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 2228 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: 01/12/99 - 09:03

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 20, 1999
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 : 20h 18m 50s

1200 RTLT=20h 18m 50s

0000 RTLT=20h 18m 50s

VOYAGER 1

↓ 1610 SLEW->HELIO-13A

▼ 0420 DUMMY (00:38)

FDSL : 11AF

U/L 0600 | - |
TLC (SHORT-FORM) | - - - - -

CCSL : A030
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

SLEW->HELIO-14A 0410 ↓

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31 -- 63 [D] - | 0940

2115 | - - - - - 42 [D] - - - - - | 0115

0355 | - - - - - 63 [T] - - - - - | 0645

DSN COVERAGE HPTXR

32 43 [B] | 0905

1730 | - - - - - 43 [D] - - - - - | 0000

0630 | - 45 [D] -

HPTXR

RTLT : 16h 0m 50s

1200 RTLT=16h 0m 52s

0000 RTLT=16h 0m 56s

VOYAGER 2

FDSL : 11AF

CCSL : B102
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: 01/12/99 - 09:03

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 21, 1999
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 : 20h 18m 50s

1200 RTLTL=20h 18m 48s

0000 RTLTL=20h 18m 48s

VOYAGER 1

↓ 1610 SLEW->HELIO-15A

FDSL : 11AF

TLC (SHORT-FORM)

D/L -| 0347

CCSL : A030

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

SLEW->HELIO-16A 0410 ↓

FDS MODE

CR-5T

XB DATA RATE (MI)

160(32)

31

1040 |----- 14 [D] -----| 1545

2245 |----- 42 [D] -----| 0210

0305 |----- 63 [D] -----| 0645

HPTXR

DSN COVERAGE

32

45 [D] -| 0930

1735 |----- 43 [D] -----| 2305

0225 |----- 45 [D] -----

HPTXR

RTLTL : 16h 0m 56s

1200 RTLTL=16h 0m 58s

0000 RTLTL=16h 1m 0s

VOYAGER 2

FDSL : 11AF

CCSL : B102

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

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: 01/12/99 - 09:03

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 22, 1999
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

RTLT : 20h 18m 48s

1200 RTLT=20h 18m 48s

0000 RTLT=20h 18m 46s

VOYAGER 1

↓ 1610 SLEW->HELIO-17A

SLEW->HELIO-18A 0410 ↓

FDSL : 11AF

CCSL : A030
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

2105 |----- 42 [D] -----| 0205 0340 |----- 63 [D] -----|

DSN COVERAGE HPTXR

32

45 [D] - | 0930

1800 |----- 43 [D] -----| 2300

0130 - 0745 |----- 45 [D] -----|

HPTXR

RTLT : 16h 1m 0s

1200 RTLT=16h 1m 2s

0000 RTLT=16h 1m 4s

VOYAGER 2

FDSL : 11AF

CCSL : B102
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: 01/12/99 - 09:03

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 23, 1999
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

RTLT : 20h 18m 46s

1200 RTLT=20h 18m 46s

0000 RTLT=20h 18m 46s

VOYAGER 1

↓ 1610 SLEW->HELIO-19A

SLEW->HELIO-20A 0410 ↓

FDSL : 11AF

CCSL : A030
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] --- | 1020

1035 |----- 14 [D] ----- | 1700

2245 |----- 42 [D] ----- | 0200

DSN COVERAGE
HPTXR

32

1720 |----- 43 [D] ----- | 2300

0345 |----- 45 [D] -----

HPTXR

RTLT : 16h 1m 4s

1200 RTLT=16h 1m 6s

0000 RTLT=16h 1m 8s

VOYAGER 2

FDSL : 11AF

CCSL : B102
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: 01/12/99 - 09:03

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 24, 1999
024-025

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 : 20h 18m 46s

1200 RTLT=20h 18m 44s

0000 RTLT=20h 18m 44s

VOYAGER 1

FDSL : 11AF

CCSL : A030

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1120 |----- 14 [D] -----| 1645

0325 |----- 63 [D] -----|

DSN COVERAGE
HPTXR

32

45 [D] | 0920

0230 - 0730 |----- 34 [o] -----|

HPTXR

RTLT : 16h 1m 8s

1200 RTLT=16h 1m 10s

0000 RTLT=16h 1m 12s

VOYAGER 2

FDSL : 11AF

CCSL : B102

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: 01/12/99 - 09:03

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 25, 1999
025-026

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 : 20h 18m 44s

1200 RTLTL=20h 18m 44s

0000 RTLTL=20h 18m 42s

VOYAGER 1

U/L 1040 |----- TLC (SHORT-FORM) -----| D/L

FDSL : 11AF

↓ 1210 SLEW->SAFE

↓ 0352 SLEW->ALPHA VIR
SLEW->SAFE-2 0710 ↓

CCSL : A030
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

0311

UV-5A

160(32)

600(36)

31

63 [D] | 0925

0250 |-----

63 [D] -----|

0920 |----- 61 [T] -----| 1150

1130 |----- 14 [D] -----| 1530

DSN COVERAGE
HPTXR

32

1710 |----- 43 [D] -----| 2045

2310 - 0750 |----- 42 [D] -----|

HPTXR

RTLTL : 16h 1m 12s

1200 RTLTL=16h 1m 14s

0000 RTLTL=16h 1m 16s

VOYAGER 2

FDSL : 11AF

CCSL : B102
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: 01/12/99 - 09:03

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 26, 1999
026-027

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 : 20h 18m 42s

1200 RTLTL=20h 18m 42s

0000 RTLTL=20h 18m 40s

VOYAGER 1

0827 D/L

2203 | 2204 PWS/RH

▼ 1545 DUMMY (12:03)

SLEW->HELIO-1C 0730 ↓

FDSL : 11AF

CCSL : A030

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

2204
GS-4B 2204

FDS MODE
XB DATA RATE (MI)

0811

CR-5T
160(32)

CR-5T
160(32)

31

0845 63 [D]

1045 |----- 14 -----| 1645

DSN COVERAGE
HPTXR

32

0640 | 43 [D] -
0245 |----- 34 [D] -----| 0700

HPTXR

RTLTL : 16h 1m 16s

1200 RTLTL=16h 1m 16s

0000 RTLTL=16h 1m 18s

VOYAGER 2

2117 | 2118 PWS/RH

FDSL : 11AF

CCSL : B102

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

2117
GS-4B 2118

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 31=UV-5A @ 0311 XB=600(36)
- [2] S/C 32=GS-4B @ 2117 XB=2.8K(41) NOT RECOVERABLE
- [3] S/C 31=GS-4B @ 2204 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: 01/12/99 - 09:03

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 27, 1999
027-028

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 : 20h 18m 40s

1200 RTLT=20h 18m 40s

0000 RTLT=20h 18m 38s

VOYAGER 1

↓ 1940 SLEW->HELIO-2C

SLEW->HELIO-3C 0740 ↓

FDSL : 11AF

CCSL : A030
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1020 |----- 14 [D] -----| 1625

0240 |----- 63 -----|

DSN COVERAGE
HPTXR

32

43 [D] | 0915

1705 |----- 45 [D] -----| 2145

HPTXR

RTLT : 16h 1m 18s

1200 RTLT=16h 1m 20s

0000 RTLT=16h 1m 22s

VOYAGER 2

FDSL : 11AF

CCSL : B102
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: 01/12/99 - 09:03

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 28, 1999
028-029

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 : 20h 18m 38s

1200 RTLTL=20h 18m 38s

0000 RTLTL=20h 18m 36s

VOYAGER 1

↓ 1940 SLEW->HELIO-4C

SLEW->HELIO-5C 0740 ↓

FDSL : 11AF

CCSL : A030
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31 63 | 0855 1140 |----- 14 [D] -----| 1615 0235 |----- 63 -----| 0645

HPTXR

1600 |----- 24 [D] -----| 2125

DSN COVERAGE

32

1755 |----- 43 [B] -----| 2245

0430 |----- 34 [D] -----|

HPTXR

RTLTL : 16h 1m 22s

1200 RTLTL=16h 1m 22s

0000 RTLTL=16h 1m 24s

VOYAGER 2

▼ 1822 DUMMY (BRACKETED 5MIN NO D/L)

FDSL : 11AF

CCSL : B102
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: 01/12/99 - 09:03

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 29, 1999
029-030

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 : 20h 18m 36s

VOYAGER 1

FDSL : 11AF

CCSL : A030
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

↓ 1222 GYRO INIT
↓ 1222 GYROS AB ON
↓ 1232 GYRO FAULT TEST
1337 || 1340 CCSTIM(B)

↓ 1939 SLEW->HELIO-6C

SLEW->HELIO-7C 0739 ↓

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31 1020 |----- 14 [D] -----| 1545 2000 | 24 [D] -| 2120 61 [D] 0800

DSN COVERAGE HPTXR

32 ---| 0840 34 [D] 0315 |----- 34 [D] -----|

HPTXR

RTLT : 16h 1m 24s

VOYAGER 2

FDSL : 11AF

CCSL : B102
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLT=16h 1m 24s

0000 RTLT=16h 1m 26s

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: 01/12/99 - 09:03

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 30, 1999
030-031

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 : 20h 18m 34s

1200 RTLT=20h 18m 32s

0000 RTLT=20h 18m 32s

VOYAGER 1

↓ 1939 SLEW->HELIO-8C

SLEW->HELIO-9C 0739 ↓

FDSL : 11AF

CCSL : A030
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 61 [D] -----| 0800 - 1045
1100 |----- 24 -----| 1345
0230 |----- 63 [D] -----

DSN COVERAGE
HPTXR

32 --| 0835 34 [D]
0200 |----- 34 [D] -----| 0630

HPTXR

RTLT : 16h 1m 26s

1200 RTLT=16h 1m 28s

0000 RTLT=16h 1m 28s

VOYAGER 2

FDSL : 11AF

CCSL : B102
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: 01/12/99 - 09:03

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 31, 1999
031-032

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 : 20h 18m 32s

1200 RTLT=20h 18m 30s

0000 RTLT=20h 18m 30s

VOYAGER 1

↓ 1939 SLEW->HELIO-10C

SLEW->MIDPNT-C 0739 ↓

FDSL : 11AF

CCSL : A030
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : ON

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31 63 [D] | 0900

1710 |----- 24 [D] -----| 2115

0225 |----- 63 [D] -----|

DSN COVERAGE
HPTXR

32

0200 - 0725 |----- 34 [D] -----|

HPTXR

RTLT : 16h 1m 28s

1200 RTLT=16h 1m 30s

0000 RTLT=16h 1m 30s

VOYAGER 2

FDSL : 11AF

CCSL : B102
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