

ISSUE DATE: 03/23/99 - 08:18

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
MARCH 25, 1999
084-085

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 15m 6s

1200 RTLT=20h 15m 4s

0000 RTLT=20h 15m 2s

VOYAGER 1

FDSL : 11AF

S/C 31 STATUS

1315 | - | U/L

TLC SHORT-FORM

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

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -16.620 sec

↓ 1408 SLEW->HELIO-6C

ROLLREF = RIGIL
KENTAURUS

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

31 --- 54 --- | 0940

0935 | ----- 14 [T] ----- | 1415

0000 | ----- 63 [D] ----- | 0645

DSN COVERAGE
HPTXR

32

1730 | --- 43 [D] --- | 2005

1935 | ----- 34 [o] ----- | 0505

HPTXR

RTLT : 15h 58m 36s

1200 RTLT=15h 58m 32s

0000 RTLT=15h 58m 28s

COMMAND MORATORIUM

VOYAGER 2

FDSL : 11AF

S/C 32 STATUS

CCSL : B103
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: 15.524 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: 03/23/99 - 08:18

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
MARCH 26, 1999
085-086

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 15m 2s

1200 RTLTL=20h 15m 2s

0000 RTLTL=20h 15m 0s

VOYAGER 1

↓ 1408 SLEW->HELIO-5C

FDSL : 11AF

-----| TLC SHORT-FORM
| D/L -| 1100

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

0945 |----- 14 [D] -----| 1350

2045 | - 34 [D] - | 2220

0045 |----- 63 [D] -----| 0645

DSN COVERAGE
HPTXR

32

1825 |----- 43 [D] -----| 0220

0200 |----- 34 [o] -----| 0505

HPTXR

RTLTL : 15h 58m 28s

1200 RTLTL=15h 58m 24s

0000 RTLTL=15h 58m 22s

-----| 0957 COMMAND MORATORIUM

VOYAGER 2

FDSL : 11AF

CCSL : B103
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: 03/23/99 - 08:18

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
MARCH 27, 1999
086-087

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 15m 0s

1200 RTLT=20h 14m 58s

0000 RTLT=20h 14m 56s

VOYAGER 1

↓ 1408 SLEW->HELIO-4C

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

1055 |----- 14 [D] -----| 1545

0045 |----- 63 [D] -----|

DSN COVERAGE
HPTXR

32

1805 |----- 34 [o] -----| 0500

HPTXR

RTLT : 15h 58m 22s

1200 RTLT=15h 58m 18s

0000 RTLT=15h 58m 14s

VOYAGER 2

FDSL : 11AF

CCSL : B103

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: 03/23/99 - 08:18

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
MARCH 28, 1999
087-088

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 14m 56s

1200 RTLT=20h 14m 54s

0000 RTLT=20h 14m 54s

VOYAGER 1

↓ 1408 SLEW->HELIO-3C

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] ----- | 1055

1035 |----- 15 [D] ----- | 1800

DSN COVERAGE
HPTXR

32 1455 |----- 43 [D] ----- | 1955

2305 |----- 45 [D] ----- | 0515

HPTXR

RTLT : 15h 58m 14s

1200 RTLT=15h 58m 10s

0000 RTLT=15h 58m 8s

VOYAGER 2

FDSL : 11AF

CCSL : B103
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: 03/23/99 - 08:18

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
MARCH 29, 1999
088-089

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 14m 54s

1200 RTLT=20h 14m 52s

0000 RTLT=20h 14m 50s

VOYAGER 1

↓ 1408 SLEW->HELIO-2C

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

0905 |----- 24 [D] -----| 1500

2240 |----- 63 [D] -----| 0545

DSN COVERAGE
HPTXR

32

1655 |----- 34 [o] -----| 2320

2300 |----- 45 [D] -----| 0255

HPTXR

RTLT : 15h 58m 8s

1200 RTLT=15h 58m 4s

0000 RTLT=15h 58m 0s

VOYAGER 2

FDSL : 11AF

CCSL : B103
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: 03/23/99 - 08:18

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
MARCH 30, 1999
089-090

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 14m 50s

1200 RTLTL=20h 14m 50s

0000 RTLTL=20h 14m 48s

VOYAGER 1

1200 | U/L

TLC SHORT-FORM

FDSL : 11AF

↓ 1408 SLEW->HELIO-1C

1826 | 1826 PWS/RH

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

1826
GS-4B 1826

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

CR-5T
160(32)

31

0930 |----- 24 [T] -----| 1330

2300 |----- 63 [D] -----| 0545

DSN COVERAGE
HPTXR

32

1300 |----- 43 [B] -----| 1950

1935 |----- 34 [D] -----| 2210

2300 |----- 45 [D] -----| 0300

HPTXR

RTLTL : 15h 58m 0s

1200 RTLTL=15h 57m 56s

0000 RTLTL=15h 57m 52s

VOYAGER 2

1740 | 1741 PWS/RH

▼ 1807 DUMMY (BRACKETED 5MIN NO D/L)

FDSL : 11AF

CCSL : B103
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1740
GS-4B 1741

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 @ 1740 XB=2.8K(41) NOT RECOVERABLE
- [2] S/C 31=GS-4B @ 1826 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: 03/23/99 - 08:18

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
MARCH 31, 1999
090-091

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 14m 48s

1200 RTLTL=20h 14m 46s

0000 RTLTL=20h 14m 46s

VOYAGER 1

FDSL : 11AF

-----| TLC SHORT-FORM
| -D/L - | 1055

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

1041 | PLSCAL - | 1223
1041 | --- MAGCAL --- | 1343
1041 | --- PESCAL --- | 1401

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31

1000 |-----| 15 [D] -----| 1750

0020 |-----| 65 [D] -----| 0505

DSN COVERAGE
HPTXR

32

1820 |-----| 34 [o] -----| 0445

HPTXR

RTLTL : 15h 57m 52s

1200 RTLTL=15h 57m 50s

0000 RTLTL=15h 57m 46s

VOYAGER 2

FDSL : 11AF

CCSL : B103
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: 03/23/99 - 08:18

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
APRIL 1, 1999
091-092

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 14m 46s

1200 RTLTL=20h 14m 44s

0000 RTLTL=20h 14m 42s

VOYAGER 1

▼ 1500 DUMMY NO D/L)

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

0940 |-----24-----| 1515

0045- 0715 |-----63 [D]-----|

DSN COVERAGE
HPTXR

32

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

2255 |-----45 [D]-----| 0250

HPTXR

RTLTL : 15h 57m 46s

1200 RTLTL=15h 57m 42s

0000 RTLTL=15h 57m 38s

VOYAGER 2

FDSL : 11AF

CCSL : B103
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: 03/23/99 - 08:18

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
APRIL 2, 1999
092-093

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 14m 42s

1200 RTLT=20h 14m 42s

0000 RTLT=20h 14m 40s

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

1210 |----- 24 [D] -----| 1515

1805 |----- 34 [D] -----| 2150

DSN COVERAGE HPTXR

32

1755 |----- 42 [D] -----| 2310

2250 |----- 34 [o] -----| 0435

HPTXR

RTLT : 15h 57m 38s

1200 RTLT=15h 57m 34s

0000 RTLT=15h 57m 32s

VOYAGER 2

FDSL : 11AF

CCSL : B103
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: 03/23/99 - 08:18

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
APRIL 3, 1999
093-094

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 14m 40s

1200 RTLT=20h 14m 40s

0000 RTLT=20h 14m 38s

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

1445 | --- 25 [D] --- | 1715

2220 - 0715 | ----- 63 [D] ----- | 0645 | 24 [D] |

DSN COVERAGE
HPTXR

32

1245 | ----- 43 [D] ----- | 2345

2335 | ----- 42 [o] ----- | 0330

HPTXR

RTLT : 15h 57m 32s

1200 RTLT=15h 57m 28s

0000 RTLT=15h 57m 24s

VOYAGER 2

FDSL : 11AF

CCSL : B103
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: 03/23/99 - 08:18

PST: 0 1 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0

SUNDAY
APRIL 4, 1999
094-095

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

RTLT : 20h 14m 38s

1200 RTLT=20h 14m 38s

0000 RTLT=20h 14m 36s

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

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

2215 |

----- 63 [D] -----

DSN COVERAGE
HPTXR

32

1645 |

----- 34 [D] ----- | 2155

0140 |

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

HPTXR

RTLT : 15h 57m 24s

1200 RTLT=15h 57m 20s

0000 RTLT=15h 57m 16s

VOYAGER 2

FDSL : 11AF

CCSL : B103
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

ISSUE DATE: 03/23/99 - 08:18

PDT: 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
APRIL 5, 1999
095-096

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

RTLTL : 20h 14m 36s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A030
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLTL=20h 14m 34s
 0000 RTLTL=20h 14m 34s

FDS MODE CR-5T
 XB DATA RATE (MI) 160(32)

31 | 0715 63 [D]
 0905 |----- 24 [D] -----| 1330
 2340 |----- 54 [D] -----| 0545

HPTXR
 DSN COVERAGE
 32
 2230 |----- 34 [o] -----| 0425

HPTXR

RTLTL : 15h 57m 16s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B103
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLTL=15h 57m 14s
 0000 RTLTL=15h 57m 10s

FDS MODE CR-5T
 XB DATA RATE (MI) 160(32)

VOYAGER COVERAGE ---| ON CALL ----- ON CALL -----|

NOTES

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

ISSUE DATE: 03/23/99 - 08:18

PDT: 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
APRIL 6, 1999
096-097

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

RTLTL : 20h 14m 34s

1200 RTLTL=20h 14m 34s

0000 RTLTL=20h 14m 32s

VOYAGER 1

1801 || 1802 PWS/RH

FDSL : 11AF

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

1801
GS-4B 1802

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

CR-5T

160(32)

31

0945 |-----25 [D]-----| 1500

0030 |-----54 [D]-----| 0555

25 [D] 0615 |-----|

DSN COVERAGE
HPTXR

32

1725 |-----34 [o]-----| 0050

HPTXR

RTLTL : 15h 57m 10s

1200 RTLTL=15h 57m 6s

0000 RTLTL=15h 57m 2s

VOYAGER 2

1715 || 1716 PWS/RH

FDSL : 11AF

1853 | PLSCAL -| 2035

1853 |--- MAGCAL ---| 2155

1853 |----- PESCAL -----| 2213

CCSL : B103
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1715
GS-4B 1716

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 @ 1715 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 1801 XB=2.8K(41) NOT RECOVERABLE

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

ISSUE DATE: 03/23/99 - 08:18

PDT: 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
APRIL 7, 1999
097-098

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

RTLT : 20h 14m 32s

1200 RTLT=20h 14m 32s

0000 RTLT=20h 14m 30s

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

-----25 [D]-----| 1500

2330 |-----63 [D]-----| 0545

HPTXR

DSN COVERAGE

32

1510 |-----34 [D]-----| 2145

HPTXR

RTLT : 15h 57m 2s

1200 RTLT=15h 56m 58s

0000 RTLT=15h 56m 54s

VOYAGER 2

FDSL : 11AF

CCSL : B103
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: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

ISSUE DATE: 03/23/99 - 08:18

PDT: 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
APRIL 8, 1999
098-099

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

RTLT : 20h 14m 30s

1200 RTLT=20h 14m 30s

0000 RTLT=20h 14m 28s

VOYAGER 1

0810 | U/L ----- TLC SHORT-FORM ----- | D/L -| 0555

FDSL : 11AF

▼ 2240 DUMMY (NO D/L)

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

| --- 14 [T] --- | 0745 - 1015

2200 |

63 -----

DSN COVERAGE
HPTXR

32

1500 | ----- 43 [B] ----- | 2145

HPTXR

RTLT : 15h 56m 54s

1200 RTLT=15h 56m 52s

0000 RTLT=15h 56m 48s

VOYAGER 2

▼ 1707 DUMMY (5MIN BRACKETED NO D/L)

FDSL : 11AF

CCSL : B103
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: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

ISSUE DATE: 03/23/99 - 08:18

PDT: 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
APRIL 9, 1999
099-100

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

RTLT : 20h 14m 28s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A030
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

FDS MODE CR-5T
 XB DATA RATE (MI) 160(32)

1200 RTLT=20h 14m 28s 0000 RTLT=20h 14m 28s

DSN COVERAGE HPTXR
 31 ----- 63 ----- 1010 65 [D] 0645 |
 0945 |----- 14 [D] ----- | 1600

HPTXR
 32 1620 |----- 34 [o] ----- | 0410

HPTXR

RTLT : 15h 56m 48s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B103
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

FDS MODE CR-5T
 XB DATA RATE (MI) 160(32)

1200 RTLT=15h 56m 44s 0000 RTLT=15h 56m 40s

VOYAGER COVERAGE ----- ON CALL -----

NOTES

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

ISSUE DATE: 03/23/99 - 08:18

PDT: 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
APRIL 10, 1999
100-101

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

RTLT : 20h 14m 28s

1200 RTLT=20h 14m 26s

0000 RTLT=20h 14m 26s

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 --- 65 [D] --- | 0925

1330 |----- 14 [D] -----| 1730

2150 |----- 63 [D] -----| 0115

25 [D] 0650 |

DSN COVERAGE
HPTXR

32

1315 |----- 34 [D] -----| 0405

HPTXR

RTLT : 15h 56m 40s

1200 RTLT=15h 56m 36s

0000 RTLT=15h 56m 32s

VOYAGER 2

FDSL : 11AF

CCSL : B103

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: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

ISSUE DATE: 03/23/99 - 08:18

PDT: 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
APRIL 11, 1999
101-102

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

RTLT : 20h 14m 26s

1200 RTLT=20h 14m 26s

0000 RTLT=20h 14m 26s

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

----- 25 [D] ----- | 1640

2150 |----- 63 [D] ----- | 0610 | 24 -
----- 0545

HPTXR

DSN COVERAGE

32

1930 |----- 45 [D] ----- | 0420

HPTXR

RTLT : 15h 56m 32s

1200 RTLT=15h 56m 30s

0000 RTLT=15h 56m 26s

VOYAGER 2

FDSL : 11AF

CCSL : B103
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: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

ISSUE DATE: 03/23/99 - 08:18

PDT: 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
APRIL 12, 1999
102-103

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

RTLT : 20h 14m 26s

1200 RTLT=20h 14m 24s

0000 RTLT=20h 14m 24s

VOYAGER 1

FDSL : 11AF

▼ 1445 DUMMY (NO D/L)

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

24

1455

2315

54 [D]

24 [D]

0605

0350

DSN COVERAGE
HPTXR

32

1425

43 [D]

2145

HPTXR

RTLT : 15h 56m 26s

1200 RTLT=15h 56m 22s

0000 RTLT=15h 56m 18s

VOYAGER 2

FDSL : 11AF

CCSL : B103
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: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

ISSUE DATE: 03/23/99 - 08:18

PDT: 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
APRIL 13, 1999
103-104

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

RTLTL : 20h 14m 24s

1200 RTLTL=20h 14m 24s

0000 RTLTL=20h 14m 24s

VOYAGER 1

1737 || 1738 PWS/RH

FDSL : 11AF

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

1737
GS-4B 1738

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

CR-5T

160(32)

31

-----24 [D]-----|1215

2310 |-----54 [D]-----

DSN COVERAGE
HPTXR

32

1405 |-----34 [D]-----|2210

HPTXR

1200 RTLTL=15h 56m 14s

0000 RTLTL=15h 56m 12s

RTLTL : 15h 56m 18s

VOYAGER 2

1651 || 1652 PWS/RH

1702 |-----DTR MAINT-----|2228

2230 |---TAPPOS---|0105

FDSL : 11AF

CCSL : B103
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1651
GS-4B 1652

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 @ 1651 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 1737 XB=2.8K(41) NOT RECOVERABLE

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

ISSUE DATE: 03/23/99 - 08:18

PDT: 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
APRIL 14, 1999
104-105

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

RTLT : 20h 14m 24s

1200 RTLT=20h 14m 22s

0000 RTLT=20h 14m 22s

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 54 [D] -| 0820 0540 | 25 [D] -

0800 | ----- 24 [D] ----- | 1315

0220 | ---- 54 [D] ---- | 0500

HPTXR
DSN COVERAGE

32

1415 | ----- 43 [B] ----- | 1910

1850 | ----- 34 [o] ----- | 0240

HPTXR

RTLT : 15h 56m 12s

1200 RTLT=15h 56m 8s

0000 RTLT=15h 56m 4s

VOYAGER 2

▼ 1707 DUMMY (5MIN BRACKETED NO D/L)

FDSL : 11AF

CCSL : B103
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: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

ISSUE DATE: 03/23/99 - 08:18

PDT: 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
APRIL 15, 1999
105-106

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

RTLT : 20h 14m 22s

1200 RTLT=20h 14m 22s

0000 RTLT=20h 14m 22s

VOYAGER 1

FDSL : 11AF

1110 | U/L

TLC SHORT-FORM

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

25 [D] ----- | 1045

1015 |----- 14 ----- | 1445

2305 |----- 54 [D] ----- | 0545

DSN COVERAGE
HPTXR

32

1545 |----- 43 [D] ----- | 1905

2125 |----- 45 [D] ----- | 0405

HPTXR

RTLT : 15h 56m 4s

1200 RTLT=15h 56m 0s

0000 RTLT=15h 55m 56s

VOYAGER 2

FDSL : 11AF

CCSL : B103
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: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

ISSUE DATE: 03/23/99 - 08:18

PDT: 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
APRIL 16, 1999
106-107

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

RTLT : 20h 14m 22s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A030
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

-----| TLC SHORT-FORM
 | D/L -| 0855

FDS MODE CR-5T
 XB DATA RATE (MI) 160(32)

31 0810 |-----24 [D]-----| 1515

DSN COVERAGE HPTXR

32 1150 |-----43 [D]-----| 1905
1900 |-----34 [o]-----| 0345

HPTXR

RTLT : 15h 55m 56s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B103
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

FDS MODE CR-5T
 XB DATA RATE (MI) 160(32)

1200 RTLT=15h 55m 54s 0000 RTLT=15h 55m 50s

VOYAGER COVERAGE ----- ON CALL -----

NOTES

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

ISSUE DATE: 03/23/99 - 08:18

PDT: 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
APRIL 17, 1999
107-108

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

RTLT : 20h 14m 22s

1200 RTLT=20h 14m 22s

0000 RTLT=20h 14m 22s

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 0805 |----- 24 [D] -----| 1315

0400 |----- 65 [D] -----|

DSN COVERAGE
HPTXR

32 1215 |----- 34 [D] -----| 1735

1715 |----- 45 [D] -----| 0230

HPTXR

RTLT : 15h 55m 50s

1200 RTLT=15h 55m 46s

0000 RTLT=15h 55m 42s

VOYAGER 2

FDSL : 11AF

CCSL : B103

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: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

ISSUE DATE: 03/23/99 - 08:18

PDT: 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
APRIL 18, 1999
108-109

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

RTLT : 20h 14m 22s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A030
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

FDS MODE CR-5T
 XB DATA RATE (MI) 160(32)

1200 RTLT=20h 14m 22s 0000 RTLT=20h 14m 22s

31 65 [D] -| 0820 2345 |----- 63 [D] -----
 0800 |----- 24 [D] -----| 1310

HPTXR

DSN COVERAGE

32 1350 |----- 34 [D] -----| 2145
 2125 |----- 45 [D] -----| 0355

HPTXR

RTLT : 15h 55m 42s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B103
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

FDS MODE CR-5T
 XB DATA RATE (MI) 160(32)

1200 RTLT=15h 55m 40s 0000 RTLT=15h 55m 36s

VOYAGER COVERAGE ----- ON CALL -----

NOTES

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7