

ISSUE DATE: 03/31/99 - 08:02

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

FDSL : 11AF

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

S/C 31 STATUS
FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -16.675 sec
ROLLREF = RIGIL
KENTAURUS

▼ 1500 DUMMY NO D/L)

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

S/C 32 STATUS
FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: 14.696 sec
ROLLREF = VEGA

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: 03/31/99 - 08:02

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: 03/31/99 - 08:02

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: 03/31/99 - 08:02

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
 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)

31 ----- 24 [D] ----- | 1710 2215 | ----- 63 [D] -----

DSN COVERAGE HPTXR

32 1645 | ----- 34 [D] ----- | 2155 0140 | ----- 34 [D] ----- | 0430

HPTXR

RTLT : 15h 57m 24s
 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)

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: 03/31/99 - 08:02

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

RTLT : 20h 14m 36s

1200 RTLT=20h 14m 34s

0000 RTLT=20h 14m 34s

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 | 0715 63 [D]
0905 |----- 24 [D] -----| 1315
1425 |--- 25 [D] ----| 1700
2340 |----- 54 [D] -----| 0545

DSN COVERAGE
HPTXR

32 |----- 2230 |----- 34 [o] -----| 0425

HPTXR

RTLT : 15h 57m 16s

1200 RTLT=15h 57m 14s

0000 RTLT=15h 57m 10s

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: 03/31/99 - 08:02

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: 03/31/99 - 08:02

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

DSN COVERAGE HPTXR

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: 03/31/99 - 08:02

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: 03/31/99 - 08:02

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: 03/31/99 - 08:02

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

25 [D] 0650 |

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

DSN COVERAGE
HPTXR

32

1605 |----- 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: 03/31/99 - 08:02

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: 03/31/99 - 08:02

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: 03/31/99 - 08:02

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

RTLT : 20h 14m 24s
VOYAGER 1
FDSL : 11AF
CCSL : A030
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLT=20h 14m 24s | 0000 RTLT=20h 14m 24s

1737 || 1738 PWS/RH

1737 GS-4B 1738

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

31 - - - - - 24 [D] - - - - - 1215 2310 - - - - - 54 [D] - - - - -

DSN COVERAGE HPTXR

32 1405 - - - - - 34 [D] - - - - - 2210

HPTXR

RTLT : 15h 56m 18s
VOYAGER 2
FDSL : 11AF
CCSL : B103
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLT=15h 56m 18s | 0000 RTLT=15h 56m 12s

1651 || 1652 PWS/RH
1702 - - - - - DTR MAINT - - - - - 2228
2230 - - - TAPPOS - - - 0105

1651 GS-4B 1652

FDS MODE CR-5T CR-5T
XB DATA RATE (MI) 160(32) 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: 03/31/99 - 08:02

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: 03/31/99 - 08:02

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 | - - - - 24 [T] - - - - | 1250

1240 | - - - - - 25 [D] - - - - - | 1700

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: 03/31/99 - 08:02

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]-----| 0030
 HPTXR 0015 |--45 [D]--| 0215

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: 03/31/99 - 08:02

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: 03/31/99 - 08:02

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

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

HPTXR
 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

ISSUE DATE: 03/31/99 - 08:02

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 19, 1999
109-110

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 | 0715 63 [D] | 0840 |----- 24 [D] -----| 1250 | 2115 - 0615 |----- 63 [D] -----| 0535 |-- 24 --|

DSN COVERAGE
HPTXR

32 | 1635 |----- 43 [D] -----| 2145 | 2140 |----- 34 [o] -----| 0330

HPTXR

RTLT : 15h 55m 36s

1200 RTLT=15h 55m 32s

0000 RTLT=15h 55m 28s

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: 03/31/99 - 08:02

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 20, 1999 110-111	
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	1200 RTLT=20h 14m 22s 1713 1714 PWS/RH 1713 GS-4B 1714 FDS MODE CR-5T CR-5T XB DATA RATE (MI) 160(32) 160(32)
31	24 ----- 1605 2245 ----- 54 [D] ----- 0405
DSN COVERAGE HPTXR	1440 ----- 34 [o] ----- 2300
32	
HPTXR	
RTLT : 15h 55m 28s VOYAGER 2 FDSL : 11AF CCSL : B103 TWNC : ON SB : OFF XB : LOW PYR : .05/ .10/ .25 GYROS : OFF	1200 RTLT=15h 55m 26s 0000 RTLT=15h 55m 22s 1626 1627 PWS/RH 1627 GS-4B 1627 FDS MODE CR-5T CR-5T XB DATA RATE (MI) 160(32) 160(32)
VOYAGER COVERAGE	----- ON CALL -----
NOTES	[1] S/C 32=GS-4B @ 1627 XB=2.8K(41) NOT RECOVERABLE [2] S/C 31=GS-4B @ 1713 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: 03/31/99 - 08:02

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 21, 1999
111-112

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 24s

VOYAGER 1

FDSL : 11AF

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

EL-40 (00:36) 0422 ▼

CCSL A031 (00:51) 0437 ▼

DUMMY (01:29) 0515 ▼

CCSCAL (01:37) 0522 ▼

CR-5T (01:49) 0535 ▼

0540 | - | U/L

TLC SHORT-FORM | - - -

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

| - - - - - 24 [D] - - - - - | 0745 - 1305

2125 - 0615 | - - - - - 63 [T] - - - - - |

DSN COVERAGE
HPTXR

32

1220 | - - - - - 43 [B] - - - - - | 1855

HPTXR

RTLT : 15h 55m 22s

1200 RTLT=15h 55m 18s

0000 RTLT=15h 55m 14s

VOYAGER 2

FDSL : 11AF

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

▼ 1757 DUMMY (BRACKETED 5MIN NO D/L)

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: 03/31/99 - 08:02

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 22, 1999
112-113

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 24s

0000 RTLT=20h 14m 24s

VOYAGER 1

FDSL : 11AF

CCSL : A030

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

----- TLC SHORT-FORM -----

+ D/L -| 0255

FDS MODE
XB DATA RATE (MI)

CR-5T

0038 0150

EL-40

CR-5T

160(32)

40(30)

160(32)

31

|----- 24 [D] -----| 0740 - 1140

1200 |---- 14 [D] ----| 1445

0550 | - 24 - -

0000 |----- 63 [D] -----| 0545

HPTXR
DSN COVERAGE

32

1320 |----- 42 [o] -----| 0215

HPTXR

RTLT : 15h 55m 14s

1200 RTLT=15h 55m 12s

0000 RTLT=15h 55m 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 -----

+ - 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: 03/31/99 - 08:02

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 23, 1999
113-114

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
 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)

31 -----24----- 1435 0520 --24 [D]--

DSN COVERAGE HPTXR

32 1435 |-----34 [o]-----| 0315

HPTXR

RTLT : 15h 55m 8s
 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)

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: 03/31/99 - 08:02

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 24, 1999
114-115

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 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 ----- 24 [D] ----- | 1550 ----- 2225 | ----- 54 [D] ----- | 0530 | 14 [D] |

DSN COVERAGE
HPTXR

32 ----- 1120 | ----- 43 [D] ----- | 1845 ----- 1840 | ----- 34 [o] ----- | 0310

HPTXR

RTLT : 15h 55m 2s

1200 RTLT=15h 54m 58s

0000 RTLT=15h 54m 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: 03/31/99 - 08:02

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 25, 1999
115-116

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
 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 26s | 0000 RTLT=20h 14m 28s

DSN COVERAGE HPTXR

31 ----- 14 [D] ----- | 1150
 1130 |----- 25 [D] ----- | 1545
 2055 |----- 63 [D] ----- | 0545

32 ----- 1715 |----- 45 [D] ----- | 0330

HPTXR

RTLT : 15h 54m 54s
 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 54m 52s | 0000 RTLT=15h 54m 48s

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