

ISSUE DATE: 10/19/99 - 14:39

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
OCTOBER 14, 1999
287-288

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 : 21h 2m 30s

1200 RTLTL=21h 2m 40s

0000 RTLTL=21h 2m 50s

VOYAGER 1

S/C 31 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -17.665 sec

CCSL : A033
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

ROLLREF = RIGIL
KENTAURUS

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31

1815 |----- 24 [D] -----| 2350

2330 |--- 14 [D] ---| 0145

DSN COVERAGE
HPTXR

32

43 [B] | 0830

0255 |----- 43 [D] -----

0830 |----- 42 [o] -----| 1435

HPTXR

RTLTL : 16h 24m 24s

1200 RTLTL=16h 24m 36s

0000 RTLTL=16h 24m 48s

VOYAGER 2

S/C 32 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -5.578 sec

CCSL : B105
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

ROLLREF = VEGA

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: 10/19/99 - 14:39

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
OCTOBER 15, 1999
288-289

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 : 21h 2m 50s

1200 RTLT=21h 3m 0s

0000 RTLT=21h 3m 10s

VOYAGER 1

↓ 2232 SLEW->HELIO-4C

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

0945 |----- 63 [D] -----| 1745

1835 |----- 24 [D] -----| 0430

DSN COVERAGE
HPTXR

32

43 [D] | 0810

2335 |----- 43 [D] -----|

0750 |----- 42 [D] -----| 1430

HPTXR

RTLT : 16h 24m 48s

1200 RTLT=16h 25m 0s

0000 RTLT=16h 25m 12s

VOYAGER 2

FDSL : 11AF

CCSL : B105
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: 10/19/99 - 14:39

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
OCTOBER 16, 1999
289-290

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 : 21h 3m 10s

1200 RTLT=21h 3m 20s

0000 RTLT=21h 3m 30s

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

1100 |-----63 [D]-----| 1740

1720 |-----14 [D]-----| 0140

DSN COVERAGE
HPTXR

32

43 [D] | 0820

2330 |-----43 [D]-----

0800 |-----42 [o]-----| 1425

HPTXR

RTLT : 16h 25m 12s

1200 RTLT=16h 25m 24s

0000 RTLT=16h 25m 36s

VOYAGER 2

FDSL : 11AF

CCSL : B105
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: 10/19/99 - 14:39

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
OCTOBER 17, 1999
290-291

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 : 21h 3m 30s

1200 RTLT=21h 3m 40s

0000 RTLT=21h 3m 50s

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

0945

63 [D]

1735

1720

14 [D]

0135

HPTXR

DSN COVERAGE

32

43 [D] 0815

2330

43 [D]

0755

42 [D]

1145

HPTXR

RTLT : 16h 25m 36s

1200 RTLT=16h 25m 48s

0000 RTLT=16h 26m 0s

VOYAGER 2

FDSL : 11AF

CCSL : B105
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: 10/19/99 - 14:39

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
OCTOBER 18, 1999
291-292

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 : 21h 3m 50s

1200 RTLT=21h 4m 0s

0000 RTLT=21h 4m 10s

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

0920 |----- 63 [D] -----| 1715

2140 |----- 24 [D] -----| 0345

DSN COVERAGE
HPTXR

32

43 [D] | 0815
0800 |----- 42 [D] -----| 1400

0410 |----- 42 [O] -----

HPTXR

RTLT : 16h 26m 0s

1200 RTLT=16h 26m 10s

0000 RTLT=16h 26m 22s

VOYAGER 2

FDSL : 11AF

CCSL : B105
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: 10/19/99 - 14:39

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
OCTOBER 19, 1999
292-293

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 : 21h 4m 10s

1200 RTLTL=21h 4m 20s

0000 RTLTL=21h 4m 30s

VOYAGER 1

U/L 0015 | - | - - - - - TLC (SHORT-FORM) - - - - -

FDSL : 11AF

0338 | 0339 PWS/RH

▼ 2100 DUMMY (18:04)

CCSL : A033
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

0338
GS-4B 0339

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

CR-5T
160(32)

31

0915 | - - - - - 63 [D] - - - - - | 1730

2020 | - - - - - 14 [T] - - - - - | 0125

0110 | - - - - 24 [D] - - - - | 0345

DSN COVERAGE HPTXR

32

- - - - - 42 [o] - - - - - | 1415

0320 | - - - - 43 [D] - - - - |

HPTXR

RTLTL : 16h 26m 22s

1200 RTLTL=16h 26m 34s

0000 RTLTL=16h 26m 46s

VOYAGER 2

0242 | 0243 PWS/RH

FDSL : 11AF

0356 | - | PLSCAL - | 0538

CCSL : B105
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

0356 - 0658 | - - - - MAGCAL - - - - |

0356 | - - - - PESCAL - - - - |

0242
GS-4B 0243

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 @ 0242 XB=2.8K(41) NOT RECOVERABLE
- [2] S/C 31=GS-4B @ 0338 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: 10/19/99 - 14:39

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
OCTOBER 20, 1999
293-294

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 : 21h 4m 30s

1200 RTLT=21h 4m 40s

0000 RTLT=21h 4m 50s

VOYAGER 1

----- TLC (SHORT-FORM) ----- | D/L -| 2248

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

1645 |

----- 14 [D] -----

| 0120

0100 |

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

| 0340

DSN COVERAGE HPTXR

32

43 [D] | 0805

0910 |

----- 42 [o] -----

| 1410

2320 |

----- 43 [B] -----

|

HPTXR

1200 RTLT=16h 26m 58s

0000 RTLT=16h 27m 10s

RTLT : 16h 26m 46s

VOYAGER 2

▼ 2357 DUMMY (BRACKETED 5MIN NO D/L)

FDSL : 11AF

| 0716 PESCAL

CCSL : B105
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: 10/19/99 - 14:39

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
OCTOBER 21, 1999
294-295

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 : 21h 4m 50s

1200 RTLT=21h 5m 0s

0000 RTLT=21h 5m 8s

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

1740

24 [D]

0340

DSN COVERAGE
HPTXR

32

43 [B] | 0800

2335

43 [D]

HPTXR

----- 42 [D] -----

| 0745 - 1410

RTLT : 16h 27m 10s

1200 RTLT=16h 27m 22s

0000 RTLT=16h 27m 34s

VOYAGER 2

FDSL : 11AF

CCSL : B105

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: 10/19/99 - 14:39

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
OCTOBER 22, 1999
295-296

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 : 21h 5m 8s

1200 RTLT=21h 5m 18s

0000 RTLT=21h 5m 28s

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

1700 |-----| 14 [D] |-----| 0110

DSN COVERAGE
HPTXR

32

|-----| 0755 43 [D]

2310 |-----| 43 [D]

|-----| 42 [o] |-----| 0735 - 1405

HPTXR

RTLT : 16h 27m 34s

1200 RTLT=16h 27m 46s

0000 RTLT=16h 27m 58s

VOYAGER 2

FDSL : 11AF

CCSL : B105
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: 10/19/99 - 14:39

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
OCTOBER 23, 1999
296-297

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 : 21h 5m 28s

1200 RTLT=21h 5m 38s

0000 RTLT=21h 5m 46s

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

1340 |----- 63 [D] -----| 1710

1735 |----- 24 [D] -----| 0330

DSN COVERAGE
HPTXR

32

|----- 0750 43 [D] -----|

0305 |----- 43 [D] -----|

|----- 42 [D] -----| 0730 - 1400

HPTXR

RTLT : 16h 27m 58s

1200 RTLT=16h 28m 10s

0000 RTLT=16h 28m 22s

VOYAGER 2

FDSL : 11AF

CCSL : B105
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: 10/19/99 - 14:39

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
OCTOBER 24, 1999
297-298

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 : 21h 5m 46s

1200 RTLT=21h 5m 56s

0000 RTLT=21h 6m 6s

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

1440 | --- 63 [D] --- | 1705

1800 | ----- 24 [D] ----- | 0125

HPTXR

DSN COVERAGE

32

--- | 0745 43 [D]

0125 | ----- 43 [D] -----

| ----- 42 [o] ----- | 0730 - 1355

HPTXR

RTLT : 16h 28m 22s

1200 RTLT=16h 28m 32s

0000 RTLT=16h 28m 44s

VOYAGER 2

FDSL : 11AF

CCSL : B105
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: 10/19/99 - 14:39

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
OCTOBER 25, 1999
298-299

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 : 21h 6m 6s

1200 RTLT=21h 6m 16s

0000 RTLT=21h 6m 24s

VOYAGER 1

U/L 2325 | - | - - - - - TLC (SHORT-FORM) - - - - -

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

1300 | - - - - - 63 [D] - - - - - | 1700

2300 | - - - - - 24 [T] - - - - - | 0325

DSN COVERAGE
HPTXR

32

| - - | 0740 43 [D]

0530 | - 42 [D] -

| - - - - - 42 [D] - - - - - | 0720 - 1350
1330 | - - 45 [D] - - | 1525

HPTXR

RTLT : 16h 28m 44s

1200 RTLT=16h 28m 56s

0000 RTLT=16h 29m 8s

VOYAGER 2

FDSL : 11AF

CCSL : B105
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: 10/19/99 - 14:39

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
OCTOBER 26, 1999
299-300

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 : 21h 6m 24s
1200 RTLTL=21h 6m 34s
0000 RTLTL=21h 6m 42s

VOYAGER 1
FDSL : 11AF
CCSL : A033
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

TLC (SHORT-FORM) -----| D/L -| 2100
▼ 1710 DUMMY (14:16)
0316 | 0316 PWS/RH

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)
CR-5T
160(32)

DSN COVERAGE

31 0850 |----- 63 [D] -----| 1655
1640 |----- 14 -----| 1935
1905 |----- 25 [D] -----| 0335

HPTXR
32 |----- 42 [D] -----| 1350
HPTXR

RTLTL : 16h 29m 8s
1200 RTLTL=16h 29m 20s
0000 RTLTL=16h 29m 32s

VOYAGER 2
FDSL : 11AF
CCSL : B105
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

0220 | 0220 PWS/RH

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 @ 0220 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 0316 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: 10/19/99 - 14:39

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
OCTOBER 27, 1999
300-301

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 : 21h 6m 42s
VOYAGER 1
FDSL : 11AF
CCSL : A033
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=21h 6m 52s 0000 RTLTL=21h 7m 2s

1708 |-----| 1820 TAPPOS
↓ 1852 BAY 1 HTR OFF
↓ 1856 X/B HI POWER
↓ 1952 YAW=.05
2001 |-----| PLAYBACK -----| 0237
↓ 0251 YAW=.10

FDS MODE
XB DATA RATE (MI)

CR-5T 160(32) 2001 PB-14 1.4K(39) 0237 CR-5T 160(32)

31 0930 |-----| 65 [D] -----| 1500
1630 |-----| 14 [D] -----| 0415

DSN COVERAGE
HPTXR

32 0835 |-----| 42 [D] -----| 1345 2250 |-----| 43 [B] -----

HPTXR

RTLTL : 16h 29m 32s
VOYAGER 2
FDSL : 11AF
CCSL : B105
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=16h 29m 42s 0000 RTLTL=16h 29m 54s

▼ 2327 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: 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: 10/19/99 - 14:39

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
OCTOBER 28, 1999
301-302

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 : 21h 7m 2s

1200 RTLT=21h 7m 10s

0000 RTLT=21h 7m 20s

VOYAGER 1

1825 | - - TAPPOS - - | 2040

FDSL : 11AF

CCSL : A033
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1715 | - - - - - 24 [D] - - - - - | 0310

DSN COVERAGE
HPTXR

32

- | 0725 43 [B]

2245 | - - - - - 43 [D] - - - - -

- | - - - - - 42 [o] - - - - - | 0705 - 1335

HPTXR

RTLT : 16h 29m 54s

1200 RTLT=16h 30m 6s

0000 RTLT=16h 30m 18s

VOYAGER 2

FDSL : 11AF

CCSL : B105
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: 10/19/99 - 14:39

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
OCTOBER 29, 1999
302-303

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 : 21h 7m 20s

1200 RTLTL=21h 7m 28s

0000 RTLTL=21h 7m 36s

VOYAGER 1

- ↓ 1910 GYROS BC ON
- ↓ 1911 GYRO INIT
- ↓ 1920 GYRO FAULT TEST
- 2015 || 2019 CCSTIM(B)

FDSL : 11AF

CCSL : A033
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31

0935 |----- 65 [D] -----| 1500

1710 |----- 24 [D] -----| 0305

DSN COVERAGE
HPTXR

32

0720 43 [D]

0105 |----- 43 [D] -----

0830 |----- 42 [D] -----| 1335

42 [o] 0655 |

HPTXR

RTLTL : 16h 30m 18s

1200 RTLTL=16h 30m 30s

0000 RTLTL=16h 30m 40s

VOYAGER 2

FDSL : 11AF

CCSL : B105
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: 10/19/99 - 14:39

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
OCTOBER 30, 1999
303-304

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 : 21h 7m 36s

1200 RTLT=21h 7m 46s

0000 RTLT=21h 7m 54s

VOYAGER 1

FDSL : 11AF

CCSL : A033
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10 / .25
GYROS : ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

0830 |----- 63 [D] -----| 1640

2200 |---- 14 [D] ----| 0035

0025 |---- 24 [D] ----| 0305

DSN COVERAGE
HPTXR

32

| 0715 43 [D]

0100 |----- 43 [D] -----

HPTXR

----- 42 [o] ----- | 1335

42 [D] 0655 |

RTLT : 16h 30m 40s

1200 RTLT=16h 30m 52s

0000 RTLT=16h 31m 4s

VOYAGER 2

FDSL : 11AF

CCSL : B105
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: 10/19/99 - 14:39

PDT: 0 1 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
OCTOBER 31, 1999
304-305

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 8

RTLTL : 21h 7m 54s

1200¹ RTLTL=21h 8m 4s

0000¹ RTLTL=21h 8m 12s

VOYAGER 1

↓ 1235 SLEW->ALPHA VIR

↓ 1535 SLEW->HELIO-4C

FDSL : 11AF

CCSL : A033
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10 / .25
GYROS : ON

FDS MODE
XB DATA RATE (MI)

0835	0025
CR-5T	UV-5A
160(32)	600(36)
	CR-5T
	160(32)

31	0830	----- 63 [D] -----	1635	1615	----- 14 [D] -----	0030	0010	----- 24 [D] -----	0300
DSN COVERAGE	HPTXR								
32	0715	43 [D]	1330				0645	42 [D]	
		----- 42 [D] -----					0055	----- 43 [D] -----	0705
	HPTXR								

RTLTL : 16h 31m 4s

1200 RTLTL=16h 31m 16s

0000 RTLTL=16h 31m 26s

VOYAGER 2

FDSL : 11AF

CCSL : B105
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 8