

ISSUE DATE: 07/14/99 - 07:54

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
JULY 15, 1999
196-197

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 28m 22s

1200 RTLTL=20h 28m 32s

0000 RTLTL=20h 28m 42s

VOYAGER 1

----- TLC SHORT-FORM ----- | D/L - | 2235

FDSL : 11AF

S/C 31 STATUS
FDS CLOCK DRIFT: ADD TO S/C EVENT ERT: -17.313 sec
ROLLREF = RIGIL KENTAURUS

CCSL : A032
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31 ----- 15 [D] ----- | 1100

2105 | --- 63 [D] --- | 2330

0315 | ----- 14 [D] -----

DSN COVERAGE HPTXR

32 ----- 1245 | ----- 34 [D] ----- | 2150

HPTXR

RTLTL : 15h 55m 22s

1200 RTLTL=15h 55m 28s

0000 RTLTL=15h 55m 32s

VOYAGER 2

FDSL : 11AF

S/C 32 STATUS
FDS CLOCK DRIFT: ADD TO S/C EVENT ERT: 4.254 sec
ROLLREF = VEGA

CCSL : B104
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: 07/14/99 - 07:54

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
JULY 16, 1999
197-198

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 28m 42s

1200 RTLT=20h 28m 52s

0000 RTLT=20h 29m 2s

VOYAGER 1

FDSL : 11AF

CCSL : A032
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31 --- 14 [D] --- | 0910

2105 | --- 63 [D] --- | 2345

0315 | --- 14 [D] ---

DSN COVERAGE
HPTXR

32

1610 | --- 34 [D] --- | 2145

HPTXR

RTLT : 15h 55m 32s

1200 RTLT=15h 55m 38s

0000 RTLT=15h 55m 42s

VOYAGER 2

FDSL : 11AF

CCSL : B104
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: 07/14/99 - 07:54

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
JULY 17, 1999
198-199

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 29m 2s

1200 RTLT=20h 29m 12s

0000 RTLT=20h 29m 22s

VOYAGER 1

FDSL : 11AF

CCSL : A032
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

31 0705 14 [D]

1845 |----- 63 [D] -----| 0335

DSN COVERAGE
HPTXR

32

1255 |--- 34 [D] ---| 1535

1515 |----- 45 [D] -----| 2200

HPTXR

RTLT : 15h 55m 42s

1200 RTLT=15h 55m 48s

0000 RTLT=15h 55m 54s

VOYAGER 2

FDSL : 11AF

CCSL : B104
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: 07/14/99 - 07:54

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
JULY 18, 1999
199-200

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 29m 22s

1200 RTLT=20h 29m 32s

0000 RTLT=20h 29m 40s

VOYAGER 1

FDSL : 11AF

CCSL : A032
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31 0805 |---25 [D]---| 1010

2105 |---63 [D]---| 2325
2355 |-----24 [D]-----|

DSN COVERAGE
HPTXR

32

1300 |-----34 [o]-----| 2135

HPTXR

RTLT : 15h 55m 54s

1200 RTLT=15h 55m 58s

0000 RTLT=15h 56m 4s

VOYAGER 2

FDSL : 11AF

CCSL : B104
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: 07/14/99 - 07:54

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
JULY 19, 1999
200-201

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 29m 40s

1200 RTLT=20h 29m 50s

0000 RTLT=20h 30m 0s

VOYAGER 1

FDSL : 11AF

CCSL : A032
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] ----- | 0955

2105 |----- 63 [D] ----- | 0115

0130 - 0655 |----- 14 [D] ----- |

DSN COVERAGE HPTXR

32 0830 |----- 43 [D] ----- | 1420

1515 |----- 45 [D] ----- | 2130

HPTXR

RTLT : 15h 56m 4s

1200 RTLT=15h 56m 10s

0000 RTLT=15h 56m 14s

VOYAGER 2

FDSL : 11AF

CCSL : B104
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: 07/14/99 - 07:54

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
JULY 20, 1999
201-202

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 30m 0s

1200 RTLTL=20h 30m 10s

0000 RTLTL=20h 30m 20s

VOYAGER 1

1209 | 1210 PWS/RH

▼ 1945 DUMMY (16:15)

0425 | PLSCAL | 0607
0425 | --- MAGCAL ---
0425 | --- PESCAL ---

FDSL : 11AF

CCSL : A032
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1209
GS-4B 1210

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

CR-5T
160(32)

31

1900 |----- 63 -----| 0145
0320 - 0650 |----- 14 [D] -----|

DSN COVERAGE
HPTXR

32

0845 |----- 43 [B] -----| 1420
1415 |----- 34 [o] -----| 1945

HPTXR

RTLTL : 15h 56m 14s

1200 RTLTL=15h 56m 20s

0000 RTLTL=15h 56m 26s

VOYAGER 2

1115 | 1116 PWS/RH

▼ 1337 DUMMY (BRACKETED 5MIN NO D/L)

FDSL : 11AF

CCSL : B104
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1115
GS-4B 1116

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

CR-5T
160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 32=GS-4B @ 1115 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 1209 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: 07/14/99 - 07:54

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
JULY 21, 1999
202-203

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 30m 20s

1200 RTLT=20h 30m 32s

0000 RTLT=20h 30m 42s

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

VOYAGER 1

FDSL : 11AF

-- | 0727 MAGCAL
--- | 0745 PESCAL

CCSL : A032
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] --- | 0945

1600 | --- 63 [D] --- | 2245

0535 | · 14 [T] | -

DSN COVERAGE
HPTXR

32 0830 | --- 43 [D] --- | 1415
1510 | --- 34 [D] --- | 2125

HPTXR

RTLT : 15h 56m 26s

1200 RTLT=15h 56m 32s

0000 RTLT=15h 56m 38s

VOYAGER 2

FDSL : 11AF

CCSL : B104
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: 07/14/99 - 07:54

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
JULY 22, 1999
203-204

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 30m 42s

1200 RTLT=20h 30m 52s

0000 RTLT=20h 31m 2s

VOYAGER 1

TLC (SHORT-FORM)

D/L -| 0359

FDSL : 11AF

↓ 0216 SLEW->HELIO-20A

CCSL : A032
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] ----- | 1040

2045 | --- 63 [D] --- | 2310

2330 - 0620 |----- 14 [D] -----|

DSN COVERAGE HPTXR

32 0830 |----- 43 [D] -----| 1410

1615 |----- 34 [o] -----| 2120

0515 | - 43 [D] - -

HPTXR

RTLT : 15h 56m 38s

1200 RTLT=15h 56m 44s

0000 RTLT=15h 56m 50s

VOYAGER 2

FDSL : 11AF

CCSL : B104
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: 07/14/99 - 07:54

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
JULY 23, 1999
204-205

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 31m 2s

1200 RTLT=20h 31m 12s

0000 RTLT=20h 31m 22s

VOYAGER 1

↓ 1416 SLEW->HELIO-19A

↓ 0216 SLEW->HELIO-18A

FDSL : 11AF

CCSL : A032
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31

0225 |----- 14 [D] -----

DSN COVERAGE HPTXR

32

----- 43 [D] -----

| 1405

1505 |----- 45 [D] -----

| 2055

HPTXR

RTLT : 15h 56m 50s

1200 RTLT=15h 56m 56s

0000 RTLT=15h 57m 2s

VOYAGER 2

FDSL : 11AF

CCSL : B104
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: 07/14/99 - 07:54

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
JULY 24, 1999
205-206

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 31m 22s

1200 RTLTL=20h 31m 32s

0000 RTLTL=20h 31m 42s

VOYAGER 1

↓ 1416 SLEW->HELIO-17A

↓ 0216 SLEW->HELIO-16A

FDSL : 11AF

CCSL : A032
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31 ----- 14 [D] ----- | 1035

1815 |----- 63 [D] ----- | 0305
0320- 0630 |----- 14 [D] ----- |

DSN COVERAGE
HPTXR

32 ----- 1505 |----- 34 [D] ----- | 2115

HPTXR

RTLTL : 15h 57m 2s

1200 RTLTL=15h 57m 8s

0000 RTLTL=15h 57m 14s

VOYAGER 2

FDSL : 11AF

CCSL : B104
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: 07/14/99 - 07:54

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
JULY 25, 1999
206-207

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 31m 42s

1200 RTLT=20h 31m 54s

0000 RTLT=20h 32m 4s

VOYAGER 1

↓ 1417 SLEW->HELIO-15A

↓ 0217 SLEW->HELIO-14A

FDSL : 11AF

CCSL : A032
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

2045 | --- 63 [D] --- | 2315
0035 | ----- 15 [D] -----

DSN COVERAGE HPTXR

32

1505 | ----- 45 [D] ----- | 2110

HPTXR

RTLT : 15h 57m 14s

1200 RTLT=15h 57m 20s

0000 RTLT=15h 57m 26s

VOYAGER 2

FDSL : 11AF

CCSL : B104
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: 07/14/99 - 07:54

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
JULY 26, 1999
207-208

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 32m 4s

1200 RTLT=20h 32m 14s

0000 RTLT=20h 32m 24s

VOYAGER 1

↓ 1417 SLEW->HELIO-13A

↓ 0217 SLEW->HELIO-12A

FDSL : 11AF

CCSL : A032
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 15 [D] ----- | 1155

2130 | ----- 54 [D] ----- | 0030 ----- 14 [D] ----- | 0050

DSN COVERAGE HPTXR

32 0830 | ----- 43 [D] ----- | 1355

1350 | ----- 34 [o] ----- | 2105

HPTXR

RTLT : 15h 57m 26s

1200 RTLT=15h 57m 34s

0000 RTLT=15h 57m 40s

VOYAGER 2

FDSL : 11AF

CCSL : B104
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: 07/14/99 - 07:54

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
JULY 27, 1999
208-209

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 32m 24s
VOYAGER 1
FDSL : 11AF
CCSL : A032
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=20h 32m 36s | 0000 RTLTL=20h 32m 46s

1146 | 1147 PWS/RH
↓ 1417 SLEW->HELIO-11A
SLEW->MIDPNT-A 0417 ↓

1146 GS-4B 1147

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

DSN COVERAGE

31 --- 14 [D] --- | 0925
1700 | ----- 63 [D] ----- | 2305
0330 - 0620 | ---- 14 [D] ---- |

HPTXR

32 0845 | ----- 43 [B] ----- | 1515
1500 | ----- 45 [D] ----- | 2120

HPTXR

RTLTL : 15h 57m 40s
VOYAGER 2
FDSL : 11AF
CCSL : B104
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=15h 57m 46s | 0000 RTLTL=15h 57m 52s

1052 | 1052 PWS/RH
1229 | PLSCAL - | 1412
1229 | --- MAGCAL --- | 1532
1229 | --- PESCAL --- | 1549

▼ 1432 DUMMY (BRACKETED 5MIN NO D/L)

1052 GS-4B 1052

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

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

NOTES
[1] S/C 32=GS-4B @ 1052 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 1146 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: 07/14/99 - 07:54

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
JULY 28, 1999
209-210

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 32m 46s

1200 RTLT=20h 32m 56s

0000 RTLT=20h 33m 8s

↓ 0217 SLEW->HELIO-10A

VOYAGER 1

FDSL : 11AF

CCSL : A032
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 |-----15 [D]-----|0715- 1015

2105 |-----63 [D]-----|0130

0545 |14 [D] |

DSN COVERAGE
HPTXR

32 |0830|-----43 [D]-----|1350

1335 |-----34 [o]-----|2055

HPTXR

RTLT : 15h 57m 52s

1200 RTLT=15h 58m 0s

0000 RTLT=15h 58m 6s

VOYAGER 2

FDSL : 11AF

CCSL : B104
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: 07/14/99 - 07:54

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
JULY 29, 1999
210-211

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 33m 8s

1200 RTLTL=20h 33m 18s

0000 RTLTL=20h 33m 28s

VOYAGER 1

↓ 1417 SLEW->HELIO-9A

↓ 0217 SLEW->HELIO-8A

FDSL : 11AF

CCSL : A032
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 --- 14 [D] --- | 0915

2200 |----- 65 [D] ----- | 0245

0545 | 14 [D] |

DSN COVERAGE HPTXR

32

0830 |----- 43 [D] ----- | 1355

1500 |----- 34 [D] ----- | 2055

HPTXR

RTLTL : 15h 58m 6s

1200 RTLTL=15h 58m 12s

0000 RTLTL=15h 58m 20s

VOYAGER 2

FDSL : 11AF

CCSL : B104
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: 07/14/99 - 07:54

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
JULY 30, 1999
211-212

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 33m 28s

1200 RTLT=20h 33m 40s

0000 RTLT=20h 33m 50s

VOYAGER 1

↓ 1417 SLEW->HELIO-7A

▼ 2315 DUMMY (19:48)

U/L 0030 |----- TLC SHORT-FORM -----

↓ 0054 GYRO INIT

↓ 0054 GYROS AB ON

↓ 0104 GYRO FAULT TEST

0158 || 0202 CCSTIM(B)

↓ 0218 SLEW->HELIO-6A

FDSL : 11AF

CCSL : A032

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

FDS MODE

CR-5T

XB DATA RATE (MI)

160(32)

31 14 [D] -| 0825

2120 |----- 63 [T] -----| 0220

0200 |----- 24 [D] -----| 0500

DSN COVERAGE HPTXR

32 0830 |----- 43 [D] -----| 1345

1325 |----- 34 [D] -----| 2050

HPTXR

RTLT : 15h 58m 20s

1200 RTLT=15h 58m 26s

0000 RTLT=15h 58m 34s

VOYAGER 2

FDSL : 11AF

CCSL : B104

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 -----+----- 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: 07/14/99 - 07:54

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
JULY 31, 1999
212-213

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 33m 50s

1200 RTLT=20h 34m 0s

0000 RTLT=20h 34m 12s

VOYAGER 1

↓ 1418 SLEW->HELIO-5A

↓ 0218 SLEW->HELIO-4A

FDSL : 11AF

TLC SHORT-FORM -----| D/L -| 2232

CCSL : A032
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1425 |-----

63 [D] -----|

2320

2300 |-----

24 [D] -----|

0320

0340

14 [D] -----

DSN COVERAGE
HPTXR

32

1510 |-----

34 [o] -----|

2045

HPTXR

RTLT : 15h 58m 34s

1200 RTLT=15h 58m 40s

0000 RTLT=15h 58m 48s

VOYAGER 2

FDSL : 11AF

CCSL : B104
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: 07/14/99 - 07:54

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
AUGUST 1, 1999
213-214

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 34m 12s

1200 RTLTL=20h 34m 22s

0000 RTLTL=20h 34m 34s

VOYAGER 1

↓ 1418 SLEW->HELIO-3A

↓ 0218 SLEW->HELIO-2A

FDSL : 11AF

CCSL : A032
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 14 [D] ----- | 1000

1640 |----- 54 [D] ----- | 0045

0300 |----- 14 [D] -----

DSN COVERAGE
HPTXR

32 0830 |----- 43 [D] ----- | 1335

1450 |----- 34 [D] ----- | 2040

42 [D] 0630 |-----

HPTXR

1200 RTLTL=15h 58m 54s

0000 RTLTL=15h 59m 2s

RTLTL : 15h 58m 48s

VOYAGER 2

FDSL : 11AF

CCSL : B104
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