

ISSUE DATE: 05/12/99 - 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
MAY 13, 1999
133-134

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 15m 22s

1200 RTLTL=20h 15m 26s

0000 RTLTL=20h 15m 28s

VOYAGER 1

FDSL : 11AF

CCSL : A031
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10/ .25
GYROS : OFF

S/C 31 STATUS
FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -16.990 sec
ROLLREF = RIGIL
KENTAURUS

TLC (SHORT-FORM)
↓ 1408 SLEW->HELIO-17C
↓ 1427 X/B LOW POWER
↓ 1431 BAY 1 HTR ON

D/L -|0229

↓ 0208 SLEW->HELIO-18C

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

31

0855 | - - - 24 [D] - - - | 1115

1055 | - - - - - 14 [D] - - - - - | 1445

24 [D] 0630 | - - -

HPTXR

DSN COVERAGE

32

1000 | - - - - - 43 [D] - - - - - | 2000

1940 | - - - - - 45 [D] - - - - - | 0055

0125 | - - 63 [D] - - | 0310

HPTXR

RTLTL : 15h 53m 12s

1200 RTLTL=15h 53m 10s

0000 RTLTL=15h 53m 8s

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: 10.453 sec
ROLLREF = VEGA

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: 05/12/99 - 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
MAY 14, 1999
134-135

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 15m 28s

1200 RTLTL=20h 15m 30s

0000 RTLTL=20h 15m 34s

VOYAGER 1

↓ 1408 SLEW->HELIO-19C

↓ 0208 SLEW->HELIO-20C

FDSL : 11AF

CCSL : A031
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] ----- | 1035

1125 |----- 25 [D] ----- | 1430

1935 |----- 63 [D] ----- | 0355

DSN COVERAGE
HPTXR

32

1045 |----- 43 [D] ----- | 1745

1725 |----- 42 [D] ----- | 2025

HPTXR

RTLTL : 15h 53m 8s

1200 RTLTL=15h 53m 6s

0000 RTLTL=15h 53m 4s

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: 05/12/99 - 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
MAY 15, 1999
135-136

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 15m 34s

1200 RTLT=20h 15m 36s

0000 RTLT=20h 15m 38s

VOYAGER 1

FDSL : 11AF

CCSL : A031
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] ----- | 0710 - 1300

1935 | ----- 63 [D] ----- | 0300

DSN COVERAGE
HPTXR

32

1335 | - 43 [D] - | 1515

1905 | ----- 34 [o] ----- | 0150

HPTXR

RTLT : 15h 53m 4s

1200 RTLT=15h 53m 2s

0000 RTLT=15h 53m 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: 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: 05/12/99 - 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
MAY 16, 1999
136-137

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 15m 38s

1200 RTLT=20h 15m 42s

0000 RTLT=20h 15m 44s

VOYAGER 1

FDSL : 11AF

CCSL : A031
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] -----| 0745 - 1055

1035 |----- 15 [D] -----| 1450

1930 |----- 63 [D] -----| 0300

DSN COVERAGE
HPTXR

32

1230 |----- 42 [D] -----| 1650

1630 |----- 45 [D] -----| 0135

HPTXR

RTLT : 15h 53m 0s

1200 RTLT=15h 52m 58s

0000 RTLT=15h 52m 56s

COMMAND MORATORIUM 0500 |-----

2257 | TAPPOS | 0036

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: 05/12/99 - 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
MAY 17, 1999
137-138

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 15m 44s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A031
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=20h 15m 48s
 0000 RTLT=20h 15m 50s

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

31 0915 |----- 14 [D] -----| 1445
 1955 |----- 63 [D] -----| 0255
 0545 | 24 [D] |
 0420 | 54 [D] | 0605

HPTXR
 DSN COVERAGE
 32 1025 |----- 43 [D] -----| 2145
 HPTXR

RTLT : 15h 52m 56s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B103
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=15h 52m 54s
 0000 RTLT=15h 52m 52s

----- COMMAND MORATORIUM -----
 ↓ 1226 BAY 1 HTR OFF
 ↓ 1230 X/B HI POWER
 ↓ 1327 YAW=.05
 1337 |----- PLAYBACK -----| 2008
 ↓ 2018 YAW=.10
 2038 | 2104 TAPPOS
 ↓ 2115 X/B LOW POWER
 ↓ 2119 BAY 1 HTR ON

FDS MODE CR-5T PB-14 CR-5T
 XB DATA RATE (MI) 160 (32) 1.4K(39) 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: 05/12/99 - 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
MAY 19, 1999
139-140

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 15m 58s

1200 RTLT=20h 16m 0s

0000 RTLT=20h 16m 4s

VOYAGER 1

FDSL : 11AF

TLC (SHORT-FORM)

D/L 0224

CCSL : A031
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] 1025

1005 24 [D] 1245

2305 63 [D]

DSN COVERAGE
HPTXR

32

1130 43 [D] 1730

1715 34 [o] 0135

HPTXR

RTLT : 15h 52m 48s

1200 RTLT=15h 52m 46s

0000 RTLT=15h 52m 44s

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: 05/12/99 - 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
MAY 20, 1999
140-141

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 16m 4s

1200 RTLTL=20h 16m 8s

0000 RTLTL=20h 16m 10s

VOYAGER 1

FDSL : 11AF

▼ 2140 DUMMY (17:56)

CCSL : A031
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 | 0730 63 [D] | 14 [D] | 0710 - 1445 | 2115 | 63 | 0245 | 25 [D] 0605 |

DSN COVERAGE
HPTXR

32 | 1030 | 43 [D] | 1725 | 1705 | 42 [o] | 0020

HPTXR

RTLTL : 15h 52m 44s

1200 RTLTL=15h 52m 42s

0000 RTLTL=15h 52m 40s

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: 05/12/99 - 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
MAY 21, 1999
141-142

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 16m 10s

1200 RTLT=20h 16m 14s

0000 RTLT=20h 16m 18s

VOYAGER 1

↓ 0909 SLEW->HELIO-1B

↓ 2109 SLEW->HELIO-2B

FDSL : 11AF

CCSL : A031
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]-----| 1405

2350 |-----63 [D]-----| 0330
-----24 [D]-----

DSN COVERAGE
HPTXR

32

0930 |-----43 [B]-----| 1725

1700 |-----34 [D]-----| 0125

HPTXR

RTLT : 15h 52m 40s

1200 RTLT=15h 52m 40s

0000 RTLT=15h 52m 38s

VOYAGER 2

▼ 1627 DUMMY (BRACKETED 5MIN 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: 05/12/99 - 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
MAY 22, 1999
142-143

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 16m 18s

1200 RTLT=20h 16m 22s

0000 RTLT=20h 16m 26s

VOYAGER 1

↓ 0909 SLEW->HELIO-3B

↓ 2109 SLEW->HELIO-4B

FDSL : 11AF

CCSL : A031
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]-----

1225 | 25 [D] | 1400

24 [D] 0605 |-----

HPTXR

DSN COVERAGE

32

1830 |-----34 [o]-----| 0125

HPTXR

RTLT : 15h 52m 38s

1200 RTLT=15h 52m 36s

0000 RTLT=15h 52m 34s

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: 05/12/99 - 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
MAY 23, 1999
143-144

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 16m 26s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A031
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

↓ 0909 SLEW->HELIO-5B
 ↓ 2109 SLEW->HELIO-6B

1200 RTLT=20h 16m 28s 0000 RTLT=20h 16m 32s

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

31 ----- 24 [D] ----- 1355
 2130 |----- 54 [D] -----| 0600 | 24 [D]
 HPTXR -----| 0540

DSN COVERAGE
 32 1345 |----- 42 [D] -----| 1830
 1810 |----- 45 [D] -----| 0120
 HPTXR

RTLT : 15h 52m 34s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B103
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10 / .25
 GYROS : OFF

1200 RTLT=15h 52m 34s 0000 RTLT=15h 52m 32s

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: 05/12/99 - 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
MAY 24, 1999
144-145

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 16m 32s

1200 RTLT=20h 16m 36s

0000 RTLT=20h 16m 40s

VOYAGER 1

↓ 0909 SLEW->HELIO-7B

↓ 2109 SLEW->HELIO-8B

FDSL : 11AF

CCSL : A031
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] ----- | 1255

2030 |

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

0315 |

----- 0235

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

15 [D] 0650 |

DSN COVERAGE
HPTXR

32

1350 |

----- 34 [o] -----

----- | 0045

HPTXR

RTLT : 15h 52m 32s

1200 RTLT=15h 52m 30s

0000 RTLT=15h 52m 30s

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: 05/12/99 - 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
MAY 25, 1999
145-146

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 16m 40s

1200 RTLTL=20h 16m 44s

0000 RTLTL=20h 16m 48s

VOYAGER 1

↓ 0909 SLEW->HELIO-9B

1515 | 1515 PWS/RH

↓ 2109 SLEW->HELIO-10B

FDSL : 11AF

CCSL : A031
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1515
GS-4B 1515

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

CR-5T

160(32)

31

| 0710 24 [D]

----- 15 [D] ----- | 1410

0225

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

DSN COVERAGE

HPTXR

32

0915 |----- 43 [B] -----

| 1715

1855 |----- 63 [D] ----- | 0545

1825

----- 34 [D] -----

| 0110

HPTXR

1200 RTLTL=15h 52m 28s

0000 RTLTL=15h 52m 26s

RTLTL : 15h 52m 30s

VOYAGER 2

1425 || 1426 PWS/RH

▼ 1607 DUMMY (BRACKETED 5MIN NO D/L)

FDSL : 11AF

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

1425
GS-4B 1426

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 @ 1425 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 1515 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: 05/12/99 - 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
MAY 26, 1999
146-147

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 16m 48s

1200 RTLT=20h 16m 52s

0000 RTLT=20h 16m 56s

VOYAGER 1

| PLSCAL -| 0730 - 0912

| --- MAGCAL ---| 0730 - 1032

| --- PESCAL ---| 0730 - 1050

U/L 0435 | - |
TLC (SHORT-FORM) | - - - - -

FDSL : 11AF

↓ 1909 SLEW->MIDPNT-B

↓ 2109 SLEW->HELIO-11B

▼ 2255 DUMMY (19:13)

CCSL : A031
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] -----| 1010

0945 |----- 24 [D] -----| 1345

2145- 0645 |-----

54 [T] -----|

DSN COVERAGE
HPTXR

32

0910 |----- 43 [D] -----| 1710

1820 | - 34 [D] - - | 2010

HPTXR

RTLT : 15h 52m 26s

1200 RTLT=15h 52m 26s

0000 RTLT=15h 52m 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 ----- | 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: 05/12/99 - 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
MAY 27, 1999
147-148

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 16m 56s

1200 RTLT=20h 17m 0s

0000 RTLT=20h 17m 6s

VOYAGER 1

↓ 0909 SLEW->HELIO-12B

↓ 2109 SLEW->HELIO-13B + D/L -| 0220

FDSL : 11AF

TLC (SHORT-FORM)

CCSL : A031
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

0945 |----- 15 [D] -----| 1405

1900 |----- 63 [D] -----| 0300 |----- 14 [D] -----| 0235

DSN COVERAGE
HPTXR

32

0905 |----- 43 [D] -----| 1705

1700 |----- 34 [D] -----| 2145

HPTXR

RTLT : 15h 52m 24s

1200 RTLT=15h 52m 24s

0000 RTLT=15h 52m 22s

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: 05/12/99 - 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
MAY 28, 1999
148-149

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 17m 6s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A031
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=20h 17m 10s
 0000 RTLT=20h 17m 14s

↓ 0909 SLEW->HELIO-14B
 ↓ 2109 SLEW->HELIO-15B

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

31 ----- 14 [D] ----- | 1000
 0940 |----- 24 [D] ----- | 1300
 0040 |----- 54 [D] ----- | 0520
 14 [D] 0700

HPTXR

DSN COVERAGE

32 0900 |----- 43 [D] ----- | 1705
 1700 |----- 34 [o] ----- | 2310

HPTXR

RTLT : 15h 52m 22s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B103
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10 / .25
 GYROS : OFF

1200 RTLT=15h 52m 22s
 0000 RTLT=15h 52m 22s

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: 05/12/99 - 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
MAY 29, 1999
149-150

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 17m 14s

1200 RTLTL=20h 17m 18s

0000 RTLTL=20h 17m 22s

VOYAGER 1

↓ 0909 SLEW->HELIO-16B

↓ 2109 SLEW->HELIO-17B

FDSL : 11AF

CCSL : A031
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

HPTXR

DSN COVERAGE

32

HPTXR

RTLTL : 15h 52m 22s

1200 RTLTL=15h 52m 20s

0000 RTLTL=15h 52m 20s

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: 05/12/99 - 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
MAY 30, 1999
150-151

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 17m 22s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A031
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

↓ 0909 SLEW->HELIO-18B
 ↓ 2109 SLEW->HELIO-19B

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

31 ----- 14 [D] ----- | 1215 1835 | ----- 63 [D] ----- | 2215 0250 | ----- 24 [D] -----

DSN COVERAGE HPTXR

32 1915 | ----- 34 [D] ----- | 0035

HPTXR

RTLT : 15h 52m 20s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B103
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10 / .25
 GYROS : OFF

1200 RTLT=15h 52m 18s 0000 RTLT=15h 52m 18s

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: 05/12/99 - 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
MAY 31, 1999
151-152

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 17m 32s

1200 RTLT=20h 17m 36s

0000 RTLT=20h 17m 42s

VOYAGER 1

↓ 0909 SLEW->HELIO-20B

FDSL : 11AF

CCSL : A031
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] ----- | 1115

1830 |

63 [D] -----

0205 |

14 [D] -----

0215

DSN COVERAGE
HPTXR

32

0850 |

43 [D] -----

1945

1925 |

34 [o] -----

0045

HPTXR

RTLT : 15h 52m 18s

1200 RTLT=15h 52m 18s

0000 RTLT=15h 52m 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

JPL HOLIDAY

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: 05/12/99 - 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
JUNE 1, 1999
152-153

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 17m 42s

1200 RTLTL=20h 17m 46s 0000 RTLTL=20h 17m 52s

VOYAGER 1

1451 | 1452 PWS/RH
1503 | ----- DTR MAINT ----- | 2027
2031 | --- TAPPOS --- | 2306

FDSL : 11AF

CCSL : A031
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1451
GS-4B 1452

FDS MODE
XB DATA RATE (MI)

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

31 14 [D] ----- | 0945 1005 | ----- 25 [D] ----- | 1320 0115 | ----- 65 [D] ----- | 0555 14 [D] 0700

DSN COVERAGE
HPTXR

32 0845 | ----- 43 [D] ----- | 1655 1635 | ----- 34 [D] ----- | 0045

HPTXR

RTLTL : 15h 52m 16s

1200 RTLTL=15h 52m 16s 0000 RTLTL=15h 52m 16s

VOYAGER 2

1401 | 1402 PWS/RH
1539 | PLSCAL - | 1721
1539 | ---- MAGCAL ---- | 1841
1539 | ----- PESCAL ----- | 1859

FDSL : 11AF

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

1401
GS-4B 1402

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 @ 1401 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 1451 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: 05/12/99 - 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
JUNE 2, 1999
153-154

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 17m 52s

1200 RTLT=20h 17m 56s

0000 RTLT=20h 18m 2s

VOYAGER 1

U/L 0700

FDSL : 11AF

CCSL : A031
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] --- | 0700 - 0940 | 14 [T] 0630 | ---

1015 |----- 15 [D] ----- | 1340

1820 |----- 63 [D] ----- | 0445

DSN COVERAGE
HPTXR

32 0840 |----- 43 [B] ----- | 1650
1630 |----- 34 [D] ----- | 0040

HPTXR

RTLT : 15h 52m 16s

1200 RTLT=15h 52m 16s

0000 RTLT=15h 52m 16s

VOYAGER 2

▼ 1607 DUMMY (BRACKETED 5MIN 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: 05/12/99 - 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
JUNE 3, 1999
154-155

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 18m 2s

1200 RTLTL=20h 18m 6s

0000 RTLTL=20h 18m 12s

VOYAGER 1

0700 - U/L

TLC SHORT-FORM

D/L - 0446

FDSL : 11AF

CCSL : A031
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

▼ 1900 DUMMY (NO D/L)

↓ 1910 SLEW->HELIO-19A

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31 14 [T] 1355

1830 63 0300 14 [D] 0205

DSN COVERAGE
HPTXR

32 0835 43 [D] 1645

1610 34 [D] 2145

HPTXR

1200 RTLTL=15h 52m 14s

0000 RTLTL=15h 52m 14s

RTLTL : 15h 52m 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

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: 05/12/99 - 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
JUNE 4, 1999
155-156

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 18m 12s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A031
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

↓ 0710 SLEW->HELIO-18A
 ↓ 1910 SLEW->HELIO-17A

1200 RTLT=20h 18m 16s
 0000 RTLT=20h 18m 22s

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

DSN COVERAGE HPTXR

31 --- 14 [D] --- | 0920
 0955 |----- 25 [D] -----| 1305
 0230 |----- 24 [D] -----
 0020 |--- 54 [D] --- | 0250
 14 [D] 0700

32
 1145 |----- 43 [D] -----| 1645
 1625 |----- 34 [D] -----| 2035
 2010 |----- 45 [D] -----| 0030

HPTXR

RTLT : 15h 52m 14s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B103
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10 / .25
 GYROS : OFF

1200 RTLT=15h 52m 14s
 0000 RTLT=15h 52m 14s

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: 05/12/99 - 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
JUNE 5, 1999
156-157

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 18m 22s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A031
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

↓ 0710 SLEW->HELIO-16A
 ↓ 1910 SLEW->HELIO-15A

1200 RTLT=20h 18m 26s
 0000 RTLT=20h 18m 32s

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

31 | 0715 24 [D] | 0545 | 24 [D] |

----- 14 [D] ----- | 0700 - 1350

0020 | ----- 54 [D] ----- | 0450

HPTXR

DSN COVERAGE

32 | 0830 | ----- 43 [D] ----- | 1645

1625 | ----- 34 [D] ----- | 0030

HPTXR

RTLT : 15h 52m 14s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B103
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10 / .25
 GYROS : OFF

1200 RTLT=15h 52m 14s
 0000 RTLT=15h 52m 14s

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: 05/12/99 - 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
JUNE 6, 1999
157-158

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 18m 32s

1200 RTLT=20h 18m 38s

0000 RTLT=20h 18m 44s

VOYAGER 1

↓ 0710 SLEW->HELIO-14A

↓ 1910 SLEW->HELIO-13A

FDSL : 11AF

CCSL : A031
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] ----- | 1200 0600 | 24 [D]

1140 | 25 [D] | 1300

1805 | ----- 63 [D] ----- | 0155

DSN COVERAGE
HPTXR

32

1145 | ----- 43 [D] ----- | 1635

1630 | ----- 34 [D] ----- | 2325

HPTXR

RTLT : 15h 52m 14s

1200 RTLT=15h 52m 14s

0000 RTLT=15h 52m 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: 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