

ISSUE DATE: 04/20/99 - 10:11

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

S/C 31 STATUS
FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -16.823 sec
ROLLREF = RIGIL
KENTAURUS

FDSL : 11AF

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

----- TLC SHORT-FORM ----- † D/L † 0322

FDS MODE
XB DATA RATE (MI)

CR-5T EL-40 CR-5T
160 (32) 40(30) 160(32)

31 |----- 24 [D] -----| 0740 - 1140 0535 | 24 [D] | -

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

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

DSN COVERAGE
HPTXR

32 |----- 1320 |----- 42 [o] -----| 0215

HPTXR

RTLT : 15h 55m 14s

1200 RTLT=15h 55m 12s 0000 RTLT=15h 55m 8s

VOYAGER 2

S/C 32 STATUS
FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: 12.580 sec
ROLLREF = VEGA

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: 04/20/99 - 10:11

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

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

-----24 [D]----- | 1435

0520 | --24 [D]--

DSN COVERAGE HPTXR

32

1435 | -----34 [o]-----

| 0315

HPTXR

RTLT : 15h 55m 8s

1200 RTLT=15h 55m 4s

0000 RTLT=15h 55m 2s

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: 04/20/99 - 10:11

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: 04/20/99 - 10:11

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 0525 | - - 24 [D] - -
 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)

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

1200 RTLT=15h 54m 52s 0000 RTLT=15h 54m 48s

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: 04/20/99 - 10:11

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 26, 1999
116-117

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

1200 RTLT=20h 14m 28s
 0000 RTLT=20h 14m 30s

↓ 1917 BEGIN SEQUENCE A031

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

31 ----- 24 [D] ----- 1355
 2130 |----- 63 [D] ----- | 0545

DSN COVERAGE HPTXR
 32 ----- 1820 |----- 34 [D] ----- | 0305
 HPTXR

RTLT : 15h 54m 48s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B103
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=15h 54m 44s
 0000 RTLT=15h 54m 42s

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: 04/20/99 - 10:11

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 27, 1999
117-118

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 30s

1200 RTLTL=20h 14m 30s

0000 RTLTL=20h 14m 30s

VOYAGER 1

1649 | 1650 PWS/RH

FDSL : 11AF

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

1649
GS-4B 1650

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31

2205 |----- 65 [D] -----| 0520
0505 |--- 24 [D] ---

DSN COVERAGE
HPTXR

32

1105 |----- 43 [D] -----| 1835
1855 |----- 34 [o] -----| 0300

HPTXR

RTLTL : 15h 54m 42s

1200 RTLTL=15h 54m 38s

0000 RTLTL=15h 54m 36s

VOYAGER 2

1602 | 1603 PWS/RH

FDSL : 11AF

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

1602
GS-4B 1603

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 @ 1602 XB=2.8K(41) NOT RECOVERABLE
- [2] S/C 31=GS-4B @ 1649 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: 04/20/99 - 10:11

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 28, 1999
118-119

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 32s

0000 RTLT=20h 14m 32s

VOYAGER 1

|-----| 0738 - 0849 TAPPOS

X/B HI POWER 0630 ↓

0905 | PLSCAL -| 1047

FDSL : 11AF

0905 |---- MAGCAL ----| 1207

0905 |---- PESCAL ----| 1225

↓ 2208 SLEW->HELIO-4C

CCSL : A031

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

U/L 0305 |---| TLC (SHORT-FORM) -

BAY 1 HTR OFF 0626 ↓

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

----- 24 [D] -----| 1230

2040 |----- 63 [T] -----| 0415

0355 - 0655 |----- 54 [D] -----|

DSN COVERAGE
HPTXR

32

1345 |----- 34 [D] -----| 0255

HPTXR

RTLT : 15h 54m 36s

1200 RTLT=15h 54m 32s

0000 RTLT=15h 54m 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: 04/20/99 - 10:11

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 29, 1999
119-120

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 32s

1200 RTLTL=20h 14m 34s

0000 RTLTL=20h 14m 34s

VOYAGER 1

↓ 0726 YAW=.05

----- PLAYBACK ----- | 0735 - 1410

↓ 1425 YAW=.10

DUMMY (01:59) 0545 ▼

FDSL : 11AF

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

----- TLC (SHORT-FORM) -----

+ D/L - | 0048

TAPPOS 0558 || 0602
GYRO INIT 0620 ↓
GYROS BC ON 0620 ↓
GYRO FAULT TEST 0630 ↓

FDS MODE
XB DATA RATE (MI)

0735

PB-14

1410

CR-5T

160(32)

31

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

| 0720 - 1445

2035

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

0445

----- 14 -----

| 0545

DSN COVERAGE
HPTXR

32

1100

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

| 1830

1900

----- 45 [D] -----

| 0310

HPTXR

1200 RTLTL=15h 54m 26s

0000 RTLTL=15h 54m 22s

RTLTL : 15h 54m 28s

VOYAGER 2

▼ 1127 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

----- VGR -----

----- ON CALL -----

----- VGR -----

NOTES

[1] S/C 31=CR-5T @ 1650 XB=160(32)

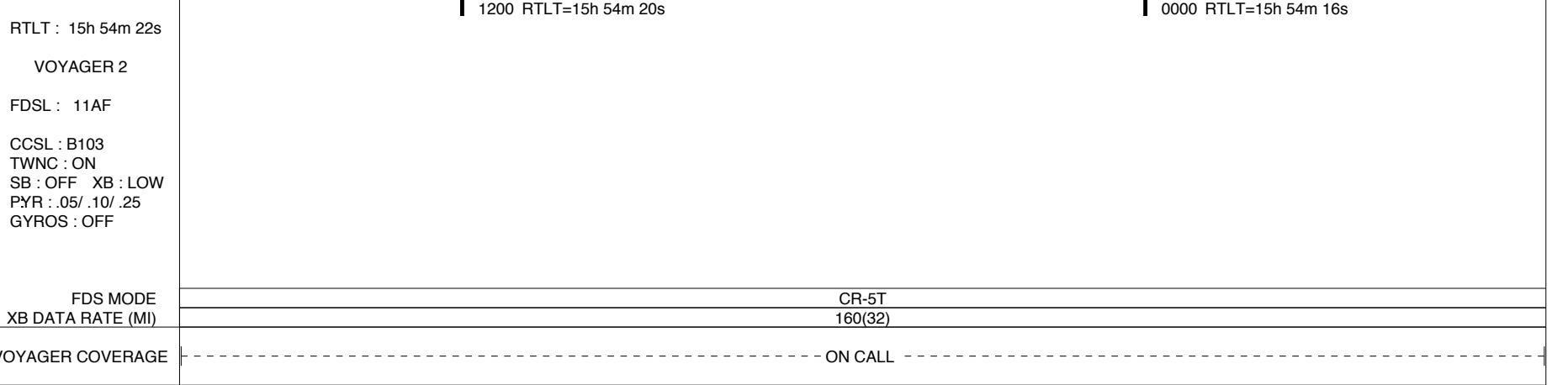
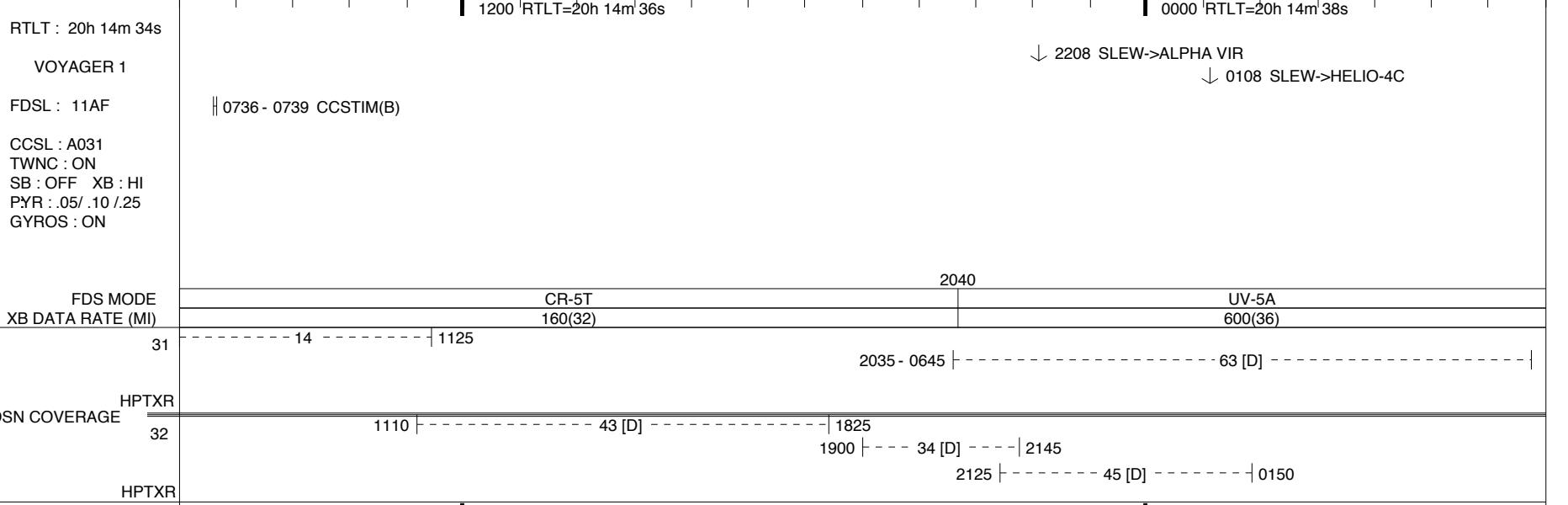
UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

ISSUE DATE: 04/20/99 - 10:11

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 30, 1999
120-121

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



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: 04/20/99 - 10:11

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 1, 1999
121-122

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 38s

1200 RTLT=20h 14m 38s

0000 RTLT=20h 14m 40s

VOYAGER 1

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

UV-5A

600(36)

31

2055 |----- 63 [D] -----| 0350

DSN COVERAGE
HPTXR

32

1430 |----- 43 [D] -----| 1810

1815 |----- 34 [o] -----| 0245

HPTXR

RTLT : 15h 54m 16s

1200 RTLT=15h 54m 14s

0000 RTLT=15h 54m 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: 04/20/99 - 10:11

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 2, 1999
122-123

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 40s

1200 RTLT=20h 14m 42s

0000 RTLT=20h 14m 42s

VOYAGER 1

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

UV-5A

600(36)

31 |-----14 [D]-----| 0725 - 1115

2350 |-----63 [D]-----| 0355

DSN COVERAGE
HPTXR

32 |-----1045-----43 [D]-----| 1820

1920 |-----34 [o]-----| 0240

HPTXR

RTLT : 15h 54m 10s

1200 RTLT=15h 54m 8s

0000 RTLT=15h 54m 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: 04/20/99 - 10:11

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 3, 1999
123-124

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 42s

1200 RTLT=20h 14m 44s

0000 RTLT=20h 14m 46s

VOYAGER 1

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

UV-5A

600(36)

31

2115 |----- 63 [D] -----| 0400

0555 | 14 [D] |

DSN COVERAGE HPTXR

32

1040 |----- 43 [D] -----| 1820

2005 |----- 34 [o] -----| 0145

HPTXR

RTLT : 15h 54m 4s

1200 RTLT=15h 54m 2s

0000 RTLT=15h 53m 58s

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: 04/20/99 - 10:11

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 5, 1999
125-126

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 48s

1200 RTLTL=20h 14m 50s

0000 RTLTL=20h 14m 52s

VOYAGER 1

U/L 1050 | - | ----- TLC (SHORT-FORM) -----

FDSL : 11AF

↓ 1408 SLEW->HELIO-2C

↓ 0208 SLEW->HELIO-3C

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

----- 24 [T] ----- | 1445

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

DSN COVERAGE
HPTXR

32

1540 | --- 43 [B] --- | 1810

1750 | ----- 34 [D] ----- | 2145

HPTXR

RTLTL : 15h 53m 52s

1200 RTLTL=15h 53m 50s

0000 RTLTL=15h 53m 48s

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: 04/20/99 - 10:11

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 6, 1999
126-127

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 52s

1200 RTLT=20h 14m 54s

0000 RTLT=20h 14m 56s

VOYAGER 1

-- | TLC (SHORT-FORM)
| D/L - | 0833

↓ 1408 SLEW->HELIO-4C

↓ 0208 SLEW->HELIO-5C

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

----- 24 [D] ----- | 1120

1100 |----- 14 [D] ----- | 1445

2300 |----- 63 [D] ----- | 0515

DSN COVERAGE
HPTXR

32

1245 |----- 43 [D] ----- | 1810

1935 |----- 34 [D] ----- | 0225

HPTXR

RTLT : 15h 53m 48s

1200 RTLT=15h 53m 44s

0000 RTLT=15h 53m 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: 04/20/99 - 10:11

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 7, 1999
127-128

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 56s

1200 RTLT=20h 14m 58s

0000 RTLT=20h 15m 0s

VOYAGER 1

↓ 0730 AAI

----- MAGROL ----- | 0733 - 1329

FDSL : 11AF

↓ 1322 RAI

↓ 1329 CRU

↓ 1329 GYROS OFF

↓ 1408 SLEW->HELIO-6C

▼ 1435 DUMMY (10:49)

↓ 0208 SLEW->HELIO-7C

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

14

| 0705 - 1545

2330

----- 63 [D] ----- | 0340

0340

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

DSN COVERAGE
HPTXR

32

1320

----- 43 [D] ----- | 1805

1745

----- 42 [D] ----- | 2005

2000

----- 34 [o] ----- | 0220

HPTXR

RTLT : 15h 53m 42s

1200 RTLT=15h 53m 40s

0000 RTLT=15h 53m 36s

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

----- VGR -----

----- ON CALL -----

NOTES

[1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0733-1329)

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: 04/20/99 - 10:11

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 8, 1999
128-129

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 0s

1200 RTLTL=20h 15m 2s

0000 RTLTL=20h 15m 4s

VOYAGER 1

↓ 1408 SLEW->HELIO-8C

↓ 0208 SLEW->HELIO-9C

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 14 [D] ----- | 1420

2000 | ----- 63 [D] ----- | 0345

DSN COVERAGE HPTXR

32 ----- 1020 | ----- 43 [D] ----- | 1805

2135 | ----- 34 [o] ----- | 0215

HPTXR

RTLTL : 15h 53m 36s

1200 RTLTL=15h 53m 34s

0000 RTLTL=15h 53m 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: 04/20/99 - 10:11

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 9, 1999
129-130

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 4s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A031
 TWNC : ON
 SB : OFF XB : HI
 PYR : .05 / .10 / .25
 GYROS : OFF

1200 RTLT=20h 15m 6s
 0000 RTLT=20h 15m 8s

↓ 1408 SLEW->HELIO-10C
 ↓ 0208 SLEW->MIDPNT-C

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

31 1045 |----- 25 [D] -----| 1450
 2155 - 0635 |----- 54 [D] -----|
 HPTXR

DSN COVERAGE
 32 1020 |----- 43 [D] -----| 1800
 1740 |----- 42 [D] -----| 2145
 HPTXR

RTLT : 15h 53m 32s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B103
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05 / .10 / .25
 GYROS : OFF

1200 RTLT=15h 53m 28s
 0000 RTLT=15h 53m 26s

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