

ISSUE DATE: 10/23/02 - 08:30

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 24, 2002
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

RTLTL : 24h 5m 30s

1200 RTLTL=24h 5m 40s

0000 RTLTL=24h 5m 50s

VOYAGER 1

FDSL : 11AF

CCSL : A045
TWNC : ON
SB : OFF XB : HIGH
PYR : .05 .10 /.25
GYROS : OFF

S/C 31 STATUS
FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -23.289 sec
ROLLREF = RIGIL
KENTAURUS

TLC (SHORT-FORM)

↓ 1903 SLEW->HELIO-20A

D/L -| 0315

1842 | - - TAPPOS - - | 2058

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31 --- 43 [D] --- | 0940

1350 | - - - - - 65 [D] - - - - - | 2010

0255 | - - 45 [D] - - | 0500

2330 | - - - - - 25 [D] - - - - - | 0315

DSN COVERAGE
HPTXR

32 - - - - - 34 [D] - - - - - | 1455

43 [D] 0620 | - - -

HPTXR

RTLTL : 19h 2m 16s

1200 RTLTL=19h 2m 28s

1840 | - - - - - 0000 RTLTL=19h 2m 40s
COMMAND MORATORIUM

VOYAGER 2

FDSL : 11AF

CCSL : B117
TWNC : ON
SB : OFF XB : LOW
PYR : .05 .10 /.25
GYROS : BC ON

S/C 32 STATUS
FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -2:09.037 min
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: 10/23/02 - 08:30

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 25, 2002
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 : 24h 5m 50s

VOYAGER 1

FDSL : 11AF

CCSL : A045
TWNC : ON
SB : OFF XB : HIGH
PYR : .05 .10 /.25
GYROS : OFF

- ↓ 1904 SLEW->HELIO-19A
- ↓ 1928 GYRO INIT
- ↓ 1928 GYROS BC ON
- ↓ 1938 GYRO FAULT TEST

2032 || 2039 CCSTIM(B)

1200 RTLT=24h 6m 0s

0000 RTLT=24h 6m 8s

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1620 |----- 63 [D] -----| 2050

2330 |----- 25 [D] -----| 0315

45 [D] 0620 |---

DSN COVERAGE
HPTXR

32

43 [D] -----| 1530

0415 |----- 34 [o] -----

HPTXR

RTLT : 19h 2m 40s

VOYAGER 2

FDSL : 11AF

CCSL : B117
TWNC : ON
SB : OFF XB : LOW
PYR : .05 .10/.25
GYROS : BC ON

1200 RTLT=19h 2m 52s

0000 RTLT=19h 3m 4s

----- COMMAND MORATORIUM -----

↓ 0714 AAI

|----- MAGROL -----| 0717- 1313

↓ 1306 RAI

↓ 1313 CRU

↓ 1313 GYROS OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

VOYAGER COVERAGE

----- VGR -----|

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

| VGR |

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

NOTES

[1] S/C 32 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0717-1313)

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: 10/23/02 - 08:30

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 26, 2002
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 : 24h 6m 8s

1200 RTLTL=24h 6m 18s

0000 RTLTL=24h 6m 28s

VOYAGER 1

1045 | 1046 PWS/RH

↓ 1904 SLEW->HELIO-18A

FDSL : 11AF

CCSL : A045
TWNC : ON
SB : OFF XB : HIGH
PYR : .05 .10 /.25
GYROS : BC ON

| TAPPOS - | 0743 - 0920 1253 | - TAPPOS - | 1444

1045
GS-4B 1046

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31 45 [D] - | 0820 1615 | ----- 63 [D] ----- | 2045 0250 - 0650 | ----- 45 [D] ----- | 43 [D] 0630 | - -

2350 | ----- 25 [D] ----- | 0310

DSN COVERAGE
HPTXR

32 ----- 34 [o] ----- | 1455

HPTXR

RTLTL : 19h 3m 4s

1200 RTLTL=19h 3m 14s

0000 RTLTL=19h 3m 26s

----- COMMAND MORATORIUM ----- | 1810

VOYAGER 2

FDSL : 11AF

CCSL : B117
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

[1] S/C 31=GS-4B @ 1045 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: 10/23/02 - 08:30

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 27, 2002
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 8

RTLTL : 24h 6m 28s

1200¹ RTLTL=24h 6m 36s

0000¹ RTLTL=24h 6m 46s

VOYAGER 1

↓ 1904 SLEW->HELIO-17A

FDSL : 11AF

CCSL : A045
TWNC : ON
SB : OFF XB : HIGH
PYR : .05 .10 /.25
GYROS : BC ON

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31 --- 43 [D] --- | 0915

1420 |----- 63 [D] ----- | 2050

2100 |----- 15 [D] ----- | 0300

DSN COVERAGE
HPTXR

32 |----- 45 [D] ----- | 0735 - 1450

0630 | 43 [B] |

HPTXR

RTLTL : 19h 3m 26s

1200 RTLTL=19h 3m 38s

0000 RTLTL=19h 3m 50s

VOYAGER 2

FDSL : 11AF

CCSL : B117
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

ISSUE DATE: 10/23/02 - 08:30

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

MONDAY
OCTOBER 28, 2002
301-302

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 : 24h 6m 46s

1200 RTLTL=24h 6m 54s

0000 RTLTL=24h 7m 4s

VOYAGER 1

↓ 1904 SLEW->HELIO-16A

FDSL : 11AF

CCSL : A045
TWNC : ON
SB : OFF XB : HIGH
PYR : .05 .10 /.25
GYROS : BC ON

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31

1345 |--- 65 [D] ---| 1630

0615 |--- 45 [D] ---|

1610 |----- 63 [D] -----| 2035

0030 |----- 14 [D] -----| 0410

DSN COVERAGE
HPTXR

32

----- 43 [B] -----| 1500

0530 |--- 43 [D] ---|

HPTXR

RTLTL : 19h 3m 50s

1200 RTLTL=19h 4m 0s

0000 RTLTL=19h 4m 12s

VOYAGER 2

FDSL : 11AF

▼ 1427 DUMMY (5 MIN BRACKETED 09:32)

CCSL : B117
TWNC : ON
SB : OFF XB : LOW
PYR : .05 .10/.25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

VOYAGER COVERAGE

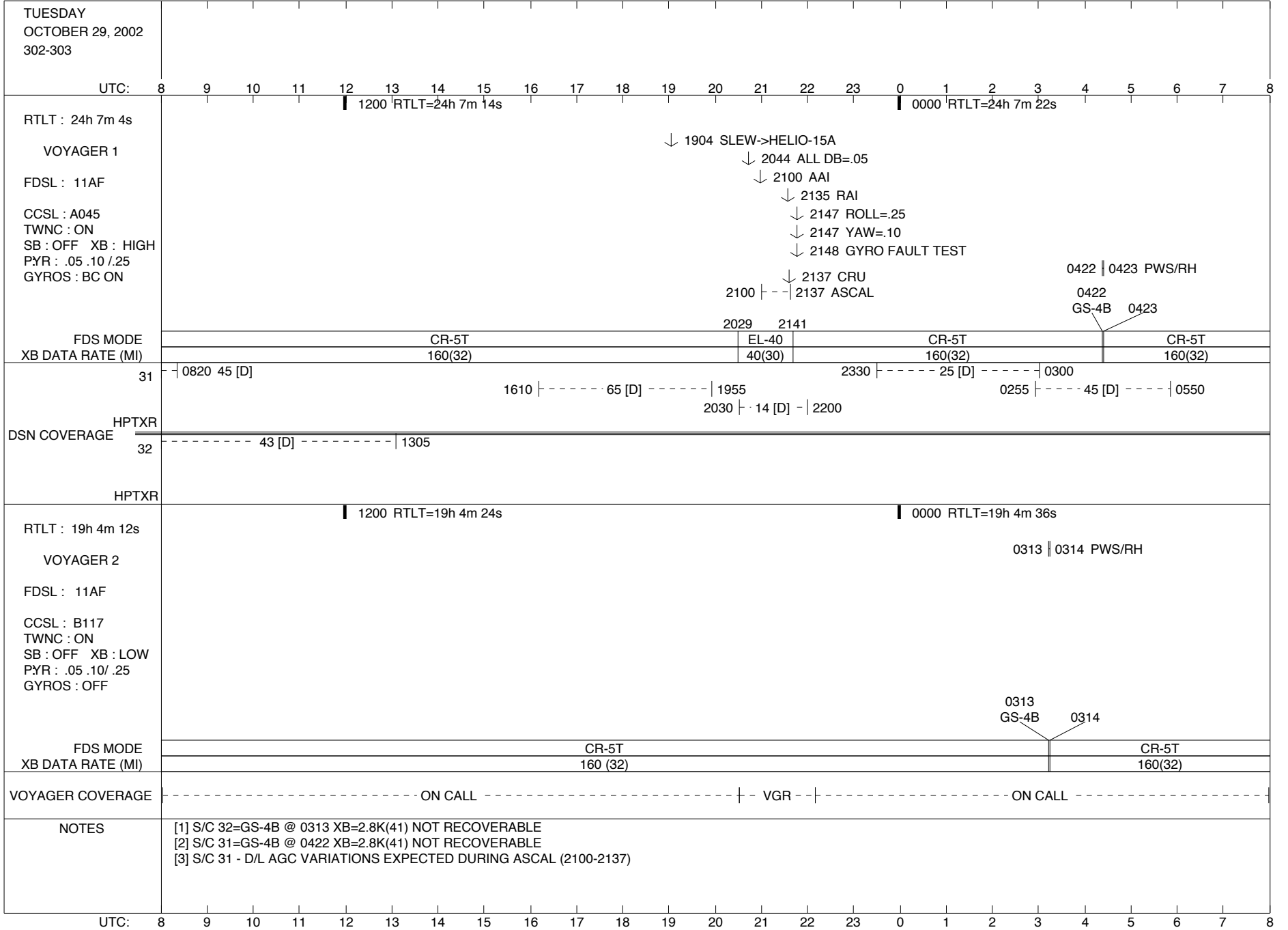
----- ON CALL -----| - VGR -|----- ON CALL -----|

NOTES

UTC: 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: 10/23/02 - 08:30

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



ISSUE DATE: 10/23/02 - 08:30

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

WEDNESDAY
OCTOBER 30, 2002
303-304

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 : 24h 7m 22s

1200 RTLTL=24h 7m 32s

0000 RTLTL=24h 7m 40s

VOYAGER 1

↓ 1904 SLEW->HELIO-14A

FDSL : 11AF

U/L 1930 |----- TLC (SHORT-FORM) -----

CCSL : A045
TWNC : ON
SB : OFF XB : HIGH
PYR : .05 / .10 / .25
GYROS : BC ON

▼ 1745 DUMMY (17:52)

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31

1545 |----- 63 [T] -----| 2040

0330 |----- 45 [D] -----

HPTXR

2325 |----- 15 [D] -----| 0310

DSN COVERAGE

32

0930 |----- 45 [D] -----| 1455

0630 |----- 43 [O] -----

HPTXR

RTLTL : 19h 4m 36s

1200 RTLTL=19h 4m 46s

0000 RTLTL=19h 4m 58s

VOYAGER 2

FDSL : 11AF

CCSL : B117
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: 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: 10/23/02 - 08:30

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
OCTOBER 31, 2002
304-305

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 : 24h 7m 40s

1200 RTLTL=24h 7m 48s

0000 RTLTL=24h 7m 58s

VOYAGER 1

↓ 1905 SLEW->HELIO-13A

FDSL : 11AF

----- TLC (SHORT-FORM) ----- | D/L - | 2105

CCSL : A045
TWNC : ON
SB : OFF XB : HIGH
PYR : .05 /.10 /.25
GYROS : BC ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 | 0815 45 [D]

1340 | ----- 65 [D] ----- | 1940

0220 | ----- 34 [D] ----- | 0535

1950 | ----- 25 [D] ----- | 0215

DSN COVERAGE

HPTXR

32

----- 43 [o] ----- | 1305

0615 | - 45 [D] - -

HPTXR

RTLTL : 19h 4m 58s

1200 RTLTL=19h 5m 10s

0000 RTLTL=19h 5m 20s

VOYAGER 2

FDSL : 11AF

CCSL : B117
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: 10/23/02 - 08:30

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
NOVEMBER 1, 2002
305-306

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 : 24h 7m 58s

1200 RTLTL=24h 8m 6s

0000 RTLTL=24h 8m 14s

VOYAGER 1

↓ 1905 SLEW->HELIO-12A

↓ 2039 AAI

FDSL : 11AF

2042 |----- MAGROL -----| 0237

↓ 0230 RAI TAPPOS 0720 |---

CCSL : A045
TWNC : ON
SB : OFF XB : HIGH
PYR : .05 /.10 /.25
GYROS : BC ON

↓ 0237 CRU

↓ 0237 GYROS OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1450 |----- 65 [D] -----| 1935

1920 |----- 15 [D] -----| 0320

0300 |----- 34 [D] -----| 0620

DSN COVERAGE
HPTXR

32

----- 45 [D] -----| 1450

0500 |----- 45 [D] -----

HPTXR

RTLTL : 19h 5m 20s

1200 RTLTL=19h 5m 32s

0000 RTLTL=19h 5m 44s

VOYAGER 2

FDSL : 11AF

CCSL : B117
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

[1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (2042-0237)

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: 10/23/02 - 08:30

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
NOVEMBER 2, 2002
306-307

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 : 24h 8m 14s

1200 RTLT=24h 8m 24s

0000 RTLT=24h 8m 32s

VOYAGER 1

1022 | 1023 PWS/RH

↓ 1905 SLEW->HELIO-11A

FDSL : 11AF

--- | 0857 TAPPOS 1230 | TAPPOS - | 1421

CCSL : A045
TWNC : ON
SB : OFF XB : HIGH
PYR : .05 /.10 /.25
GYROS : OFF

1022
GS-4B 1023

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31

1550 | ----- 65 [D] ----- | 1935

2335 | ----- 15 [D] ----- | 0255

0235 | ----- 45 [D] ----- | 0635

DSN COVERAGE
HPTXR

32

----- 45 [D] ----- | 1445

45 [D] 0720 | ---

HPTXR

RTLT : 19h 5m 44s

1200 RTLT=19h 5m 54s

0000 RTLT=19h 6m 6s

VOYAGER 2

FDSL : 11AF

CCSL : B117
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

[1] S/C 31=GS-4B @ 1022 XB=2.8K(41) NOT RECOVERABLE

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: 10/23/02 - 08:30

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

SUNDAY
NOVEMBER 3, 2002
307-308

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 : 24h 8m 32s

1200 RTLTL=24h 8m 40s

0000 RTLTL=24h 8m 50s

VOYAGER 1

↓ 1905 SLEW->MIDPNT

FDSL : 11AF

CCSL : A045
TWNC : ON
SB : OFF XB : HIGH
PYR : .05 /.10 /.25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1540 |----- 65 [D] -----| 1930

1910 |-- 15 [D] ---| 2125

DSN COVERAGE
HPTXR

32

----- 45 [D] ----- | 1440

0610 |-- 45 [D] --

HPTXR

RTLTL : 19h 6m 6s

1200 RTLTL=19h 6m 16s

0000 RTLTL=19h 6m 28s

VOYAGER 2

FDSL : 11AF

CCSL : B117
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: 10/23/02 - 08:30

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

MONDAY
NOVEMBER 4, 2002
308-309

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 : 24h 8m 50s

1200 RTLTL=24h 8m 58s

0000 RTLTL=24h 9m 6s

VOYAGER 1

↓ 1905 SLEW->HELIO-10A

FDSL : 11AF

U/L 1730 | - | ----- TLC (SHORT-FORM) -----

CCSL : A045
TWNC : ON
SB : OFF XB : HIGH
PYR : .05 / .10 / .25
GYROS : OFF

▼ 1700 DUMMY (17:09)

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31

1335 | - - - - - 65 [D] - - - - - | 1635

1615 | - - - - - 63 [T] - - - - - | 2015

DSN COVERAGE
HPTXR

32

----- 45 [D] ----- | 1435

HPTXR

RTLTL : 19h 6m 28s

1200 RTLTL=19h 6m 40s

0000 RTLTL=19h 6m 50s

VOYAGER 2

FDSL : 11AF

CCSL : B117
TWNC : ON
SB : OFF XB : LOW
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

VOYAGER COVERAGE

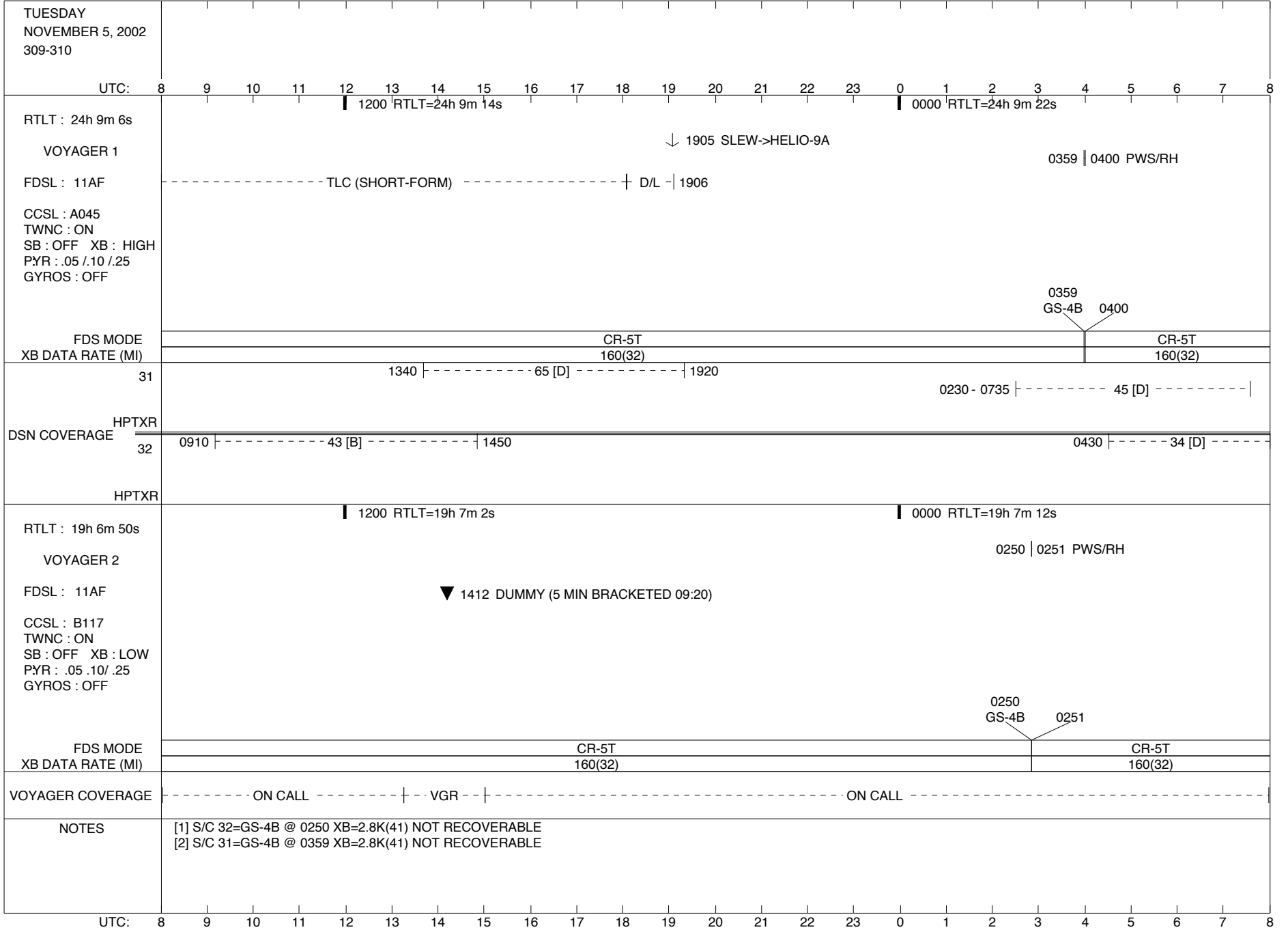
----- ON CALL ----- | - VGR - | ----- ON CALL -----

NOTES

UTC: 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: 10/23/02 - 08:30

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



ISSUE DATE: 10/23/02 - 08:30

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

WEDNESDAY
NOVEMBER 6, 2002
310-311

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 : 24h 9m 22s

1200 RTLT=24h 9m 30s

0000 RTLT=24h 9m 40s

VOYAGER 1

↓ 1905 SLEW->HELIO-8A

↓ 0312 X/B LOW POWER

FDSL : 11AF

↓ 0316 BAY 1 HTR ON

CCSL : A045
TWNC : ON
SB : OFF XB : HIGH
PYR : .05 /.10 /.25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1335 |----- 65 [D] -----| 1920

2325 |----- 25 [D] -----| 0225

0200 |----- 34 [D] -----| 0605

DSN COVERAGE
HPTXR

32

----- 34 [D] -----| 1405

0530 |----- 45 [D] -----

HPTXR

RTLT : 19h 7m 12s

1200 RTLT=19h 7m 24s

0000 RTLT=19h 7m 34s

VOYAGER 2

FDSL : 11AF

CCSL : B117
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: 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: 10/23/02 - 08:30

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
NOVEMBER 7, 2002
311-312

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 : 24h 9m 40s

1200 RTLT=24h 9m 48s

0000 RTLT=24h 9m 56s

VOYAGER 1

↓ 1906 SLEW->HELIO-7A

FDSL : 11AF

CCSL : A045
TWNC : ON
SB : OFF XB : LOW
PYR : .05 /.10 /.25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1340 |-----| 65 [D] |-----| 1915

0015 - 0725 |-----| 45 [D] |-----|

DSN COVERAGE
HPTXR

32

--- 45 [D] --- | 1000

0245 |-----| 34 [D] |-----|

HPTXR

RTLT : 19h 7m 34s

1200 RTLT=19h 7m 46s

0000 RTLT=19h 7m 56s

VOYAGER 2

FDSL : 11AF

CCSL : B117
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: 10/23/02 - 08:30

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
NOVEMBER 8, 2002
312-313

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 : 24h 9m 56s

1200 RTLT=24h 10m 4s

0000 RTLT=24h 10m 12s

VOYAGER 1

↓ 1906 SLEW->HELIO-6A

FDSL : 11AF

TAPPOS 0657 | - - - -

CCSL : A045
TWNC : ON
SB : OFF XB : LOW
PYR : .05 /.10 /.25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1335 | - - - - - 65 [D] - - - - - | 1920

2320 | - - - - 15 [D] - - - - | 0205

0145 - 0725 | - - - - - 45 [D] - - - - - |

DSN COVERAGE
HPTXR

32

- - - - - 34 [D] - - - - - | 1405

0605 | - - - 43 [D] - -

HPTXR

RTLT : 19h 7m 56s

1200 RTLT=19h 8m 8s

0000 RTLT=19h 8m 18s

VOYAGER 2

FDSL : 11AF

CCSL : B117
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: 10/23/02 - 08:30

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
NOVEMBER 9, 2002
313-314

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 : 24h 10m 12s

VOYAGER 1

FDSL : 11AF

CCSL : A045
TWNC : ON
SB : OFF XB : LOW
PYR : .05 /.10 /.25
GYROS : OFF

0959 | 1000 PWS/RH

↓ 1906 SLEW->HELIO-5A

-- | 0834 TAPPOS 1207 | TAPPOS - | 1358

0959
GS-4B 1000

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31

1650 | ----- 15 [D] ----- | 0220

DSN COVERAGE
HPTXR

32

----- 43 [D] ----- | 1225 0605 | -- 43 [D] --

1205 | -- 45 [D] -- | 1415

2255 | ----- 34 [D] ----- | 0205

HPTXR

RTLT : 19h 8m 18s

VOYAGER 2

FDSL : 11AF

CCSL : B117
TWNC : ON
SB : OFF XB : LOW
PYR : .05 .10/ .25
GYROS : OFF

1200 RTLT=19h 8m 30s

0000 RTLT=19h 8m 40s

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 31=GS-4B @ 0959 XB=2.8K(41) NOT RECOVERABLE

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: 10/23/02 - 08:30

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

SUNDAY
NOVEMBER 10, 2002
314-315

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 : 24h 10m 26s

1200 RTLTL=24h 10m 34s

0000 RTLTL=24h 10m 42s

VOYAGER 1

↓ 1906 SLEW->HELIO-4A

FDSL : 11AF

CCSL : A045
TWNC : ON
SB : OFF XB : LOW
PYR : .05 /.10 /.25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1335 |----- 65 [D] -----| 1900

2315 |----- 25 [D] -----| 0225

0255 |----- 45 [D] -----| 0645

DSN COVERAGE
HPTXR

32

----- 43 [D] -----| 1345

45 [D] 0730 |-----

HPTXR

RTLTL : 19h 8m 40s

1200 RTLTL=19h 8m 50s

0000 RTLTL=19h 9m 2s

VOYAGER 2

FDSL : 11AF

CCSL : B117
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