

ISSUE DATE: 10/16/02 - 08:47

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 17, 2002
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 : 24h 3m 14s

1200 RTLT=24h 3m 24s

0000 RTLT=24h 3m 34s

VOYAGER 1

S/C 31 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -23.275 sec

CCSL : A045
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 --- 45 [D] --- 0900

1355 |----- 65 [D] -----| 1700

2330 |----- 14 [D] -----| 0445

1640 |----- 63 [D] -----| 2130

DSN COVERAGE
HPTXR

32 ----- 43 [D] -----| 1600

0235 - 0645 |----- 43 [D] -----|

HPTXR

RTLT : 18h 59m 32s

1200 RTLT=18h 59m 44s

1830 |----- COMMAND MORATORIUM -----| 0000 RTLT=18h 59m 56s

VOYAGER 2

S/C 32 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -2:08.308 min

CCSL : B117
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: 10/16/02 - 08:47

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 18, 2002
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 : 24h 3m 34s

1200 RTLT=24h 3m 44s

0000 RTLT=24h 3m 54s

VOYAGER 1

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

2355 |----- 24 [D] -----| 0250

1640 |----- 63 [D] -----| 2055

0230 |----- 43 [D] -----|

DSN COVERAGE
HPTXR

32

1145 |----- 43 [D] -----| 1555

34 [o] 0640 |-----

HPTXR

RTLT : 18h 59m 56s

1200 RTLT=19h 0m 8s

0000 RTLT=19h 0m 20s

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

VOYAGER 2

- ↓ 1300 GYROS BC ON
- ↓ 1301 GYRO INIT
- ↓ 1310 GYRO FAULT TEST

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: 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: 10/16/02 - 08:47

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 19, 2002
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 : 24h 3m 54s

1200 RTLTL=24h 4m 4s

0000 RTLTL=24h 4m 14s

VOYAGER 1

FDSL : 11AF

0806 | 0819 TAPPOS

1315 | 1316 TAPPOS

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

1108 | 1109 PWS/RH

1108
GS-4B 1109

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

CR-5T

160(32)

DSN COVERAGE
HPTXR
31

43 [D] -----| 0945

1335 |----- 65 [D] -----| 2030

2110 |----- 25 [D] -----| 0350

32 ----- 34 [o] -----| 1515

0025 |----- 43 [o] -----

HPTXR

RTLTL : 19h 0m 20s

1200 RTLTL=19h 0m 32s

0000 RTLTL=19h 0m 44s

----- COMMAND MORATORIUM -----| 1800

VOYAGER 2

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 31=GS-4B @ 1108 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: 10/16/02 - 08:47

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 20, 2002
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 : 24h 4m 14s

1200 RTLT=24h 4m 24s

0000 RTLT=24h 4m 32s

VOYAGER 1

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

1630

63 [D]

2110

0030

14 [D]

0430

0450 --- 45 [D] ---

DSN COVERAGE
HPTXR

32

43 [o]

1520

0225

43 [D]

HPTXR

RTLT : 19h 0m 44s

1200 RTLT=19h 0m 56s

0000 RTLT=19h 1m 6s

VOYAGER 2

FDSL : 11AF

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

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: 10/16/02 - 08:47

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 21, 2002
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 : 24h 4m 32s

1200 RTLT=24h 4m 42s

0000 RTLT=24h 4m 52s

↓ 2112 BEGIN OVERLAY SEQUENCE A045

VOYAGER 1

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

45 [D] 0630

45 [D] -- | 0850

1630 | ----- 63 [D] ----- | 2105

2045 | ----- 15 [D] ----- | 0415

DSN COVERAGE
HPTXR

32

43 [D] ----- | 1330

43 [B] 0645

HPTXR

RTLT : 19h 1m 6s

1200 RTLT=19h 1m 18s

0000 RTLT=19h 1m 30s

VOYAGER 2

FDSL : 11AF

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

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: 10/16/02 - 08:47

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 22, 2002
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 : 24h 4m 52s

1200 RTLT=24h 5m 2s

0000 RTLT=24h 5m 12s

0445 | 0446 PWS/RH

VOYAGER 1

FDSL : 11AF

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

0445
GS-4B 0446

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31 -- 45 [D] -- | 0845

1600 | ----- 65 [D] ----- | 2015
2030 | ----- 25 [D] ----- | 0115

0015 | ----- 14 [D] ----- | 0440

43 [D] 0645 |

DSN COVERAGE
HPTXR

32 ----- 43 [B] ----- | 1540

0430 | --- 45 [D] ---

HPTXR

RTLT : 19h 1m 30s

1200 RTLT=19h 1m 42s

0000 RTLT=19h 1m 54s

VOYAGER 2

↓ 1101 GYRO INIT

FDSL : 11AF

▼ 1437 DUMMY (5 MIN BRACKETED 9:39)

0336 | 0337 PWS/RH

0513 - 0656 | PLSCAL - |

0513 | MAGCAL -

0513 | PESCAL -

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

0336
GS-4B 0337

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 @ 0336 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 0445 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: 10/16/02 - 08:47

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 23, 2002
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

RTLTL : 24h 5m 12s

1200 RTLTL=24h 5m 22s

0000 RTLTL=24h 5m 30s

VOYAGER 1

↓ 1910 BAY 1 HTR OFF

U/L 0140 | - | - - - TLC (SHORT-FORM) - - - -

↓ 1914 X/B HI POWER

↓ 2010 YAW=.05

↓ 0308 YAW=.10

FDSL : 11AF

1726 | - - - | 1823 TAPPOS

2019 | - - - - - - - - - - PLAYBACK - - - - - | 0254

▼ 2345 DUMMY (23:51)

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

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

2019

PB-14
1.4K(39)

0254

CR-5T
160(32)

31 - - - - 43 [D] - - - - | 0945

1430 | - - - - - - - - - - 63 [D] - - - - - | 1850

1830 | - - - - - - - - - - 14 [T] - - - - - - - - - - | 0430

43 [D] 0620 | - - -

DSN COVERAGE
HPTXR

32 - - - - - - - - - - 45 [D] - - - - - - - - - - | 1525

34 [D] 0655 |

HPTXR

RTLTL : 19h 1m 54s

1200 RTLTL=19h 2m 6s

0000 RTLTL=19h 2m 16s

VOYAGER 2

FDSL : 11AF

- - - - - | 0816 MAGCAL
- PESCAL | 0833

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

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: 10/16/02 - 08:47

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

RTLT : 24h 5m 30s

1200 RTLT=24h 5m 40s

0000 RTLT=24h 5m 50s

VOYAGER 1

TLC (SHORT-FORM)

↓ 1903 SLEW->HELIO-20A

D/L -| 0315

FDSL : 11AF

1842 | - - TAPPOS - - | 2058

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

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

RTLT : 19h 2m 16s

1200 RTLT=19h 2m 28s

1840 | - - - - -

0000 RTLT=19h 2m 40s

COMMAND MORATORIUM - - - - -

VOYAGER 2

FDSL : 11AF

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

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: 10/16/02 - 08:47

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 : HI
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: 10/16/02 - 08:47

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

| TAPPOS - | 0743 - 0920

1253 | - TAPPOS - | 1444

TWNC : ON

SB : OFF XB : HI

PYR : .05 .10 /25

GYROS : BC ON

1045
GS-4B 1046

FDS MODE

CR-5T

CR-5T

XB DATA RATE (MI)

160(32)

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

CR-5T

XB DATA RATE (MI)

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: 10/16/02 - 08:47

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 : HI
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

1200 RTLTL=19h 3m 38s

0000 RTLTL=19h 3m 50s

RTLTL : 19h 3m 26s

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: 10/16/02 - 08:47

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 : HI
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

▼ 1427 DUMMY (5 MIN BRACKETED 09:32)

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: 10/16/02 - 08:47

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

TUESDAY
OCTOBER 29, 2002
302-303

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 4s

VOYAGER 1

FDSL : 11AF

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

↓ 1904 SLEW->HELIO-15A
↓ 2044 ALL DB=.05
↓ 2100 AAI
↓ 2135 RAI
↓ 2147 ROLL=.25
↓ 2147 YAW=.10
↓ 2148 GYRO FAULT TEST

↓ 2137 CRU
2100 | - - | 2137 ASCAL

0422 | 0423 PWS/RH
0422
GS-4B 0423

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

2029 2141
EL-40
40(30)

CR-5T
160(32)

CR-5T
160(32)

31 | 0820 45 [D]

1610 | - - - - - 65 [D] - - - - - | 1955
2030 | - 14 [D] - | 2200

2330 | - - - - - 25 [D] - - - - - | 0300

0255 | - - - - - 45 [D] - - - - - | 0550

DSN COVERAGE
HPTXR

32 | - - - - - 43 [D] - - - - - | 1305

HPTXR

RTLTL : 19h 4m 12s

VOYAGER 2

FDSL : 11AF

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

1200 RTLTL=19h 4m 24s

0000 RTLTL=19h 4m 36s

0313 | 0314 PWS/RH

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

0313
GS-4B 0314

CR-5T
160(32)

VOYAGER COVERAGE

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

NOTES

- [1] S/C 32=GS-4B @ 0313 XB=2.8K(41) NOT RECOVERABLE
- [2] S/C 31=GS-4B @ 0422 XB=2.8K(41) NOT RECOVERABLE
- [3] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING ASCAL (2100-2137)

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: 10/16/02 - 08:47

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 : HI
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

0615 |----- 43 [D] -----

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: 10/16/02 - 08:47

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 : HI
PYR : .05 / .10 / .25
GYROS : BC ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 | 0815 45 [D]

1520 | ----- 65 [D] ----- | 1940

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

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

DSN COVERAGE HPTXR

32 ----- 43 [D] ----- | 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: 10/16/02 - 08:47

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

VOYAGER 1

FDSL : 11AF

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

↓ 1905 SLEW->HELIO-12A

↓ 2039 AAI

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

↓ 0230 RAI

TAPPOS 0720 |---

↓ 0237 CRU

↓ 0237 GYROS OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1340 |----- 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

VOYAGER 2

FDSL : 11AF

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

1200 RTLTL=19h 5m 32s

0000 RTLTL=19h 5m 44s

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: 10/16/02 - 08:47

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 : HI
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: 10/16/02 - 08:47

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 : HI
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