

ISSUE DATE: 10/14/02 - 10:35

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 10, 2002
283-284

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 0m 48s

1200 RTLTL=24h 0m 58s

0000 RTLTL=24h 1m 8s

VOYAGER 1

S/C 31 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -23.430 sec

CCSL : A044
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] --- | 0930

1810 | --- 63 [D] --- | 2105

2045 | ----- 25 [D] ----- | 0425

DSN COVERAGE
HPTXR

32 ----- 43 [B] ----- | 1625

0115 | --- 34 [D] --- | 0425

HPTXR

RTLTL : 18h 56m 48s

1200 RTLTL=18h 57m 0s

0000 RTLTL=18h 57m 12s

VOYAGER 2

S/C 32 STATUS

FDSL : 11AF

▼ 1532 DUMMY (5 MIN BRACKETED NO D/L)

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

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -2.07:53 min

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: 10/14/02 - 10:35

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 11, 2002
284-285

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 1m 8s

1200 RTLT=24h 1m 20s

0000 RTLT=24h 1m 30s

VOYAGER 1

FDSL : 11AF

CCSL : A044
TWNC : ON
SB : OFF XB : LOW
PYR : .05/.10/.25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31

1655 |----- 65 [D] -----| 2100

2330 |----- 25 [D] -----| 0520 |-- 43 [D] --| 0425

DSN COVERAGE
HPTXR

32

1115 |----- 34 [D] -----| 1545

0350 |----- 34 [o] -----|

HPTXR

RTLT : 18h 57m 12s

1200 RTLT=18h 57m 22s

0000 RTLT=18h 57m 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

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: 10/14/02 - 10:35

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 12, 2002
285-286

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 1m 30s

1200 RTLTL=24h 1m 40s

0000 RTLTL=24h 1m 50s

VOYAGER 1

FDSL : 11AF

0829 | 0842 TAPPOS

1338 | 1339 TAPPOS

CCSL : A044
TWNC : ON
SB : OFF XB : LOW
PYR : .05/.10/.25
GYROS : OFF

1131
GS-4B 1132

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

CR-5T

160(32)

31

----- 43 [D] ----- | 1025

1640 | ----- 63 [D] ----- | 2150

0455 | --- 45 [D] ---

0020 | ----- 14 [D] ----- | 0515

DSN COVERAGE
HPTXR

32

----- 34 [o] ----- | 1550

0250 | ----- 43 [D] -----

HPTXR

RTLTL : 18h 57m 34s

1200 RTLTL=18h 57m 46s

0000 RTLTL=18h 57m 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 -----

NOTES

[1] S/C 31=GS-4B @ 1131 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: 10/14/02 - 10:35

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 13, 2002
286-287

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 1m 50s

1200 RTLT=24h 2m 2s

0000 RTLT=24h 2m 12s

VOYAGER 1

FDSL : 11AF

CCSL : A044
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] --- | 0915

1605 |----- 65 [D] ----- | 2050

0025 |----- 25 [D] ----- | 0510

45 [D] 0630 |---

DSN COVERAGE
HPTXR

32 ----- 43 [D] ----- | 1220

0430 |--- 34 [D] -----

HPTXR

RTLT : 18h 57m 58s

1200 RTLT=18h 58m 10s

0000 RTLT=18h 58m 22s

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

ISSUE DATE: 10/14/02 - 10:35

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 14, 2002
287-288

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 2m 12s

1200 RTLT=24h 2m 22s

0000 RTLT=24h 2m 32s

VOYAGER 1

FDSL : 11AF

CCSL : A044
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] -- | 0855

1345 |-----65 [D] -----| 1705

2240 |-----25 [D] -----| 0410

1645 |-----63 [D] -----| 2130

DSN COVERAGE
HPTXR

32 --- | 0745 34 [D]

1045 |-----34 [D] -----| 1535

43 [B] 0645 |

HPTXR

RTLT : 18h 58m 22s

1200 RTLT=18h 58m 34s

0000 RTLT=18h 58m 46s

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

ISSUE DATE: 10/14/02 - 10:35

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 15, 2002
288-289

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 2m 32s

1200 RTLTL=24h 2m 42s

0000 RTLTL=24h 2m 52s

VOYAGER 1

U/L 2030 | - | - - - - - TLC(SHORT-FORM) - - - - -

FDSL : 11AF

▼ 1748 DUMMY (17:51)

CCSL : A044
TWNC : ON
SB : OFF XB : LOW
PYR : .05/10/.25
GYROS : OFF

▼ 1753 EL-40 (17:57)

▼ 1811 CCSL A045 (18:14)

▼ 1841 CCS DMRO AHELI1 (18:45)

▼ 1900 CCSCAL (19:03)

▼ 1913 CR-5T (19:16)

0508
GS-4B

0508

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

CR-5T

160(32)

31

1230 | - - - - - 65 [D] - - - - - | 1720

1700 | - - - - - 63 [T] - - - - - | 2130

0500 | - - - - - 43 [D] - - - - -

2240 | - - - - - 25 [D] - - - - - | 0355

HPTXR

DSN COVERAGE

32

43 [B] - - - - - | 1350

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

1330 | - - - - - 34 [D] - - - - - | 1540

HPTXR

RTLTL : 18h 58m 46s

1200 RTLTL=18h 58m 58s

0000 RTLTL=18h 59m 10s

VOYAGER 2

▼ 1312 DUMMY (5 MIN BRACKETED 08:12)

FDSL : 11AF

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

0358
GS-4B

0359

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 @ 0358 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 0508 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: 10/14/02 - 10:35

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 16, 2002
289-290

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 2m 52s

1200 RTLTL=24h 3m 2s

0000 RTLTL=24h 3m 14s

VOYAGER 1

-----TLC(SHORT-FORM)-----+ D/L -|2201

FDSL : 11AF

*
1826 || 1830 CCS CHKSUM

CCSL : A044
TWNC : ON
SB : OFF XB : LOW
PYR : .05/10/.25
GYROS : OFF

*
1846 || 1855 CCS DMRO AHELI1

* 1758 * 1918

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

EL-40
40(30)

CR-5T
160(32)

31 ----- 43 [D] ----- | 1010

1430 |----- 63 [D] ----- | 2130

45 [D] 0615 |-----

2135 |----- 15 [D] ----- | 0430

DSN COVERAGE
HPTXR

32 ----- 45 [D] ----- | 1535

43 [D] 0625 |-----

HPTXR

RTLTL : 18h 59m 10s

1200 RTLTL=18h 59m 22s

0000 RTLTL=18h 59m 32s

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: 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: 10/14/02 - 10:35

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

FDSL : 11AF

CCSL : A044
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] --- | 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

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

ISSUE DATE: 10/14/02 - 10:35

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 : A044
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

VOYAGER 2

FDSL : 11AF

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

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

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

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: 10/14/02 - 10:35

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 : A044
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

HPTXR

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: 10/14/02 - 10:35

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 : A044
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: 10/14/02 - 10:35

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 SEQUENCE A045

VOYAGER 1

FDSL : 11AF

CCSL : A044
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 [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: 10/14/02 - 10:35

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

FDSL : 11AF

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

↓ 1101 GYRO INIT

▼ 1437 DUMMY (5 MIN BRACKETED 9:39)

0336 | 0337 PWS/RH
0513 - 0656 | PLSCAL - |
0513 | MAGCAL -
0513 | PESCAL -

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

0336
GS-4B 0337

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: 10/14/02 - 10:35

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

RTLT : 24h 5m 12s
VOYAGER 1
FDSL : 11AF
CCSL : A045
TWNC : ON
SB : OFF XB : LOW
PYR : .05/10/.25
GYROS : OFF

1200 RTLT=24h 5m 22s
0000 RTLT=24h 5m 30s

↓ 1910 BAY 1 HTR OFF
↓ 1914 X/B HI POWER
↓ 2010 YAW=.05

U/L 0140 | - | - - - TLC (SHORT-FORM) - - - -
↓ 0308 YAW=.10

1726 | - - - | 1823 TAPPOS
2019 | - - - - - - - - - - - - - - - - - - - - | 0254
▼ 2345 DUMMY (23:51)

FDS MODE	CR-5T	2019	PB-14	0254	CR-5T
XB DATA RATE (MI)	160(32)		1.4K(39)		160(32)

31 --- 43 [D] --- | 0945
1430 | - - - - - - - - - - - - - - - - - - - - | 1850
1830 | - - - - - - - - - - - - - - - - - - - - | 0430

DSN COVERAGE HPTXR
32 --- 45 [D] --- | 1525
34 [D] 0655 |

HPTXR

RTLT : 19h 1m 54s
VOYAGER 2
FDSL : 11AF
CCSL : B117
TWNC : ON
SB : OFF XB : LOW
PYR : .05/10/.25
GYROS : BC ON

1200 RTLT=19h 2m 6s
0000 RTLT=19h 2m 16s

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

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: 10/14/02 - 10:35

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

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 [B] 0635 | - -

HPTXR

RTLTL : 19h 2m 16s

1200 RTLTL=19h 2m 28s

0000 RTLTL=19h 2m 40s

VOYAGER 2

1840 | - - - - - COMMAND MORATORIUM - - - - -

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: 10/14/02 - 10:35

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 [B] -----| 1530

0400 |----- 34 [D] -----|

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: 10/14/02 - 10:35

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 [D] ----- | 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: 10/14/02 - 10:35

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

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

RTLTL : 24h 6m 28s

1200 RTLTL=24h 6m 36s

0000 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

43 [B] 0630 |-----

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