

ISSUE DATE: 11/19/02 - 14:03

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 14, 2002
318-319

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 11m 28s

1200 RTLTL=24h 11m 34s

0000 RTLTL=24h 11m 42s

VOYAGER 1

S/C 31 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -23.316 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

1530 |----- 63 [D] -----| 1930

2305 |---- 15 [D] ----| 0145

DSN COVERAGE
HPTXR

32

----- 45 [D] -----| 1400

2200 |----- 45 [D] -----

HPTXR

RTLTL : 19h 10m 6s

1200 RTLTL=19h 10m 16s

0000 RTLTL=19h 10m 26s

VOYAGER 2

S/C 32 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -2:11.412 min

CCSL : B118
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: 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: 11/19/02 - 14:03

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 15, 2002
319-320

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 11m 42s

1200 RTLTL=24h 11m 50s

0000 RTLTL=24h 11m 56s

VOYAGER 1

FDSL : 11AF

0634 TAPPOS

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

1330 |-----65 [D]-----| 1845

1600 |-----54 [1]-----| 1910 |-----15 [D]-----| 0210
1930

DSN COVERAGE
HPTXR

32

HPTXR

-----45 [D]-----| 1150

0215 |-----34 [D]-----

RTLTL : 19h 10m 26s

1200 RTLTL=19h 10m 36s

0000 RTLTL=19h 10m 46s

VOYAGER 2

FDSL : 11AF

CCSL : B118
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] NSP DEMO TRACK TLM, MON0158 TO BROADCAST CHANNEL 5

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: 11/19/02 - 14:03

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 16, 2002
320-321

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 11m 56s

0936 | 0937 PWS/RH

VOYAGER 1

FDSL : 11AF

| 0811 TAPPOS 1134 | TAPPOS | 1307

CCSL : A045

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

0936
GS-4B 0937

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

CR-5T
160(32)

31

1330 |----- 65 [D] -----| 1840

2200 |----- 15 [D] -----| 0200

DSN COVERAGE
HPTXR

32

----- 34 [D] -----| 1325

2205 |----- 45 [D] -----

HPTXR

RTLTL : 19h 10m 46s

| 1200 RTLTL=19h 10m 58s

| 0000 RTLTL=19h 11m 8s

VOYAGER 2

FDSL : 11AF

CCSL : B118

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 @ 0936 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: 11/19/02 - 14:03

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 17, 2002
321-322

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 12m 10s

1200 RTLT=24h 12m 18s

0000 RTLT=24h 12m 24s

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

1515 |----- 65 [D] -----| 1835

2300 |----- 25 [D] -----| 0200

DSN COVERAGE HPTXR

32

----- 45 [D] -----| 1200

0600 |--- 45 [D] ---|

HPTXR

RTLT : 19h 11m 8s

1200 RTLT=19h 11m 18s

0000 RTLT=19h 11m 28s

VOYAGER 2

FDSL : 11AF

CCSL : B118
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: 11/19/02 - 14:03

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 18, 2002
322-323

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 12m 24s

1200 RTLTL=24h 12m 32s

0000 RTLTL=24h 12m 38s

VOYAGER 1

FDSL : 11AF

▼ 1745 DUMMY (17:58)

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

U/L 1815 | - | - - - - - TLC (SHORT-FORM) - - - - -

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1530 | - - - - - 63 [T] - - - - - | 1915

2140 | - - - - - 25 [D] - - - - - | 0140

DSN COVERAGE
HPTXR

32

45 [D] - - - - - | 1345

34 [o] 0740 | -

HPTXR

RTLTL : 19h 11m 28s

1200 RTLTL=19h 11m 38s

0000 RTLTL=19h 11m 48s

VOYAGER 2

FDSL : 11AF

CCSL : B118
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: 11/19/02 - 14:03

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
NOVEMBER 19, 2002
323-324

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 12m 38s

1200 RTLTL=24h 12m 44s

0000 RTLTL=24h 12m 52s

VOYAGER 1

FDSL : 11AF

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

TLC (SHORT-FORM) D/L - 1955

0313
GS-4B 0313

FDS MODE
XB DATA RATE (MI)

CR-5T

CR-5T

160(32)

160(32)

31

1520 |----- 63 [D] -----| 1920

1900 |----- 15 [D] -----| 0145

DSN COVERAGE
HPTXR

32

34 [o] -----| 1315

0300 |----- 45 [D] -----

HPTXR

RTLTL : 19h 11m 48s

1200 RTLTL=19h 11m 58s

0000 RTLTL=19h 12m 8s

VOYAGER 2

FDSL : 11AF

CCSL : B118
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

0205 | 0206 PWS/RH

0216 - 0742 |----- DTR MAINT -----|

0343 | PLSCAL -| 0525
0343 |----- MAGCAL -----| 0645
0343 |----- PESCAL -----| 0703

TAPPOS 0744 |

0205
GS-4B 0206

FDS MODE
XB DATA RATE (MI)

CR-5T

CR-5T

160(32)

160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 32=GS-4B @ 0205 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 0313 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: 11/19/02 - 14:03

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 20, 2002
324-325

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 12m 52s

1200 RTLT=24h 12m 58s

0000 RTLT=24h 13m 4s

VOYAGER 1

↓ 1607 SLEW->HELIO-1B

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

1945 |----- 25 [D] -----| 0135

DSN COVERAGE
HPTXR

32

HPTXR

----- 45 [D] -----| 1315

0015 |----- 34 [D] -----| 0320

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

RTLT : 19h 12m 8s

1200 RTLT=19h 12m 18s

0000 RTLT=19h 12m 28s

VOYAGER 2

FDSL : 11AF

CCSL : B118
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

--- TAPPOS --- | 1019

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: 11/19/02 - 14:03

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 21, 2002
325-326

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 13m 4s

1200 RTLT=24h 13m 12s

0000 RTLT=24h 13m 18s

VOYAGER 1

↓ 1607 SLEW->HELIO-2B

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

1505 |----- 65 [D] -----| 1820

1945 |----- 25 [D] -----| 0130

DSN COVERAGE HPTXR

32

----- 45 [D] -----| 1330

0345 |----- 34 [D] -----|

HPTXR

RTLT : 19h 12m 28s

1200 RTLT=19h 12m 38s

0000 RTLT=19h 12m 48s

VOYAGER 2

FDSL : 11AF

CCSL : B118
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: 11/19/02 - 14:03

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 22, 2002
326-327

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 13m 18s

1200 RTLTL=24h 13m 24s

0000 RTLTL=24h 13m 30s

VOYAGER 1

↓ 1607 SLEW->HELIO-3B

FDSL : 11AF

TAPPOS 0611 - 0720 |-----|

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

1435 |----- 65 [D] -----| 1815

1945 |----- 15 [D] -----| 0140

DSN COVERAGE
HPTXR

32

HPTXR

----- 34 [D] -----| 1215

2140 |----- 45 [D] -----

RTLTL : 19h 12m 48s

1200 RTLTL=19h 12m 58s

0000 RTLTL=19h 13m 8s

VOYAGER 2

FDSL : 11AF

CCSL : B118
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: 11/19/02 - 14:03

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 23, 2002
327-328

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

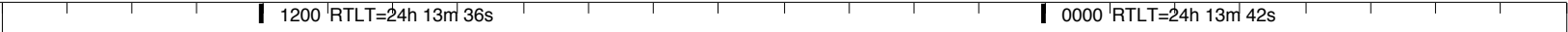
RTLTL : 24h 13m 30s

VOYAGER 1

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)



0913 | 0914 PWS/RH

↓ 1607 SLEW->HELIO-4B

1120 | --- | 1216 TAPPOS

0913
GS-4B 0914

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

31 1325 | - - - - - 65 [D] - - - - - 1810
1855 | - - - - - 15 [D] - - - - - 0135

DSN COVERAGE
HPTXR

32 - - - - - 45 [D] - - - - - 1320 0555 | - - - 45 [D] - - -

HPTXR

RTLTL : 19h 13m 8s

VOYAGER 2

FDSL : 11AF

CCSL : B118
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)



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

VOYAGER COVERAGE

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

NOTES

[1] S/C 31=GS-4B @ 0913 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: 11/19/02 - 14:03

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 24, 2002
328-329

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 13m 42s

1200 RTLTL=24h 13m 48s

0000 RTLTL=24h 13m 54s

VOYAGER 1

↓ 1608 SLEW->HELIO-5B

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

1605 |----- 25 [D] -----| 0130

DSN COVERAGE HPTXR

32

----- 45 [D] -----| 1145

0545 |--- 45 [D] ---

HPTXR

RTLTL : 19h 13m 28s

1200 RTLTL=19h 13m 36s

0000 RTLTL=19h 13m 46s

VOYAGER 2

FDSL : 11AF

CCSL : B118
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: 11/19/02 - 14:03

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 25, 2002
329-330

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 13m 54s

VOYAGER 1

FDSL : 11AF

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

- ↓ 1600 GYRO INIT
- ↓ 1600 GYROS AB ON
- ↓ 1610 GYRO FAULT TEST
 - ↓ 1708 SLEW->HELIO-6B
- ▼ 1700 DUMMY (17:14)

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1505 | ----- 63 [T] ----- | 1850

1830 | ----- 25 [D] ----- | 0115

0115 | --- 34 [D] --- | 0320

DSN COVERAGE
HPTXR

32

HPTXR

--- 45 [D] --- | 1045

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

RTLTL : 19h 13m 46s

VOYAGER 2

FDSL : 11AF

CCSL : B118
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=19h 13m 56s

0000 RTLTL=19h 14m 6s

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: 11/19/02 - 14:03

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
NOVEMBER 26, 2002
330-331

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 14m 6s

1200 RTLT=24h 14m 12s

0000 RTLT=24h 14m 18s

VOYAGER 1

↓ 1608 SLEW->HELIO-7B

0249 || 0250 PWS/RH

FDSL : 11AF

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

----- TLC (SHORT-FORM) ----- | D/L -| 1912

0249
GS-4B 0250

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31

1325 | --- 54 [D] --- | 1550

1530 | ----- 25 [D] ----- | 0125

HPTXR
DSN COVERAGE

32

HPTXR

----- 45 [D] ----- | 1310

0045 - 0750 | ----- 45 [D] ----- |

RTLT : 19h 14m 6s

1200 RTLT=19h 14m 16s

0000 RTLT=19h 14m 24s

VOYAGER 2

0142 || 0143 PWS/RH

FDSL : 11AF

CCSL : B118
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

0142
GS-4B 0143

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 @ 0142 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 0249 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: 11/19/02 - 14:03

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 27, 2002
331-332

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 14m 18s

1200 RTLT=24h 14m 24s

0000 RTLT=24h 14m 30s

VOYAGER 1

↓ 1608 SLEW->HELIO-8B

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1325 |----- 65 [D] -----| 1755

1915 |----- 15 [D] -----| 0150

DSN COVERAGE
HPTXR

32

0930 |----- 34 [D] -----| 1240

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

HPTXR

RTLT : 19h 14m 24s

1200 RTLT=19h 14m 34s

0000 RTLT=19h 14m 44s

VOYAGER 2

FDSL : 11AF

CCSL : B118
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: 11/19/02 - 14:03

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 28, 2002
332-333

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 14m 30s

1200 RTLTL=24h 14m 36s

0000 RTLTL=24h 14m 42s

VOYAGER 1

↓ 1608 SLEW->HELIO-9B

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31

1450 |-----65 [D]-----| 1750

1740 |-----15 [D]-----| 2255

2235 |-----14 [D]-----| 0200

DSN COVERAGE HPTXR

32

-----34 [D]-----| 1120

0620 |-- 34 [o] --

HPTXR

RTLTL : 19h 14m 44s

1200 RTLTL=19h 14m 52s

0000 RTLTL=19h 15m 2s

VOYAGER 2

FDSL : 11AF

CCSL : B118
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: 11/19/02 - 14:03

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 29, 2002
333-334

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 14m 42s

1200 RTLTL=24h 14m 46s

0000 RTLTL=24h 14m 52s

VOYAGER 1

↓ 1608 SLEW->HELIO-10B
↓ 1700 GYRO INIT

FDSL : 11AF

TAPPOS 0547 | - - | 0629

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

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31

1320 | - - - - - 65 [D] - - - - - | 1745

2200 | - - - - - 14 [D] - - - - - | 0200

DSN COVERAGE
HPTXR

32

34 [o] - - - - - | 1235

0520 | - - - 34 [D] - - -

HPTXR

RTLTL : 19h 15m 2s

1200 RTLTL=19h 15m 10s

0000 RTLTL=19h 15m 20s

VOYAGER 2

FDSL : 11AF

CCSL : B118
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: 11/19/02 - 14:03

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 30, 2002
334-335

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 14m 52s

1200 RTLTL=24h 14m 58s

0000 RTLTL=24h 15m 4s

VOYAGER 1

0850 | 0850 PWS/RH

↓ 1608 SLEW->MIDPNT

FDSL : 11AF

1057 | - | 1125 TAPPOS

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

0850
GS-4B
0850

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31

1435 | - - - - - 63 [D] - - - - - | 1835

2230 | - - - - - 14 [D] - - - - - | 0200

0145 | - - - - - 45 [D] - - - - - | 0555

DSN COVERAGE
HPTXR

32

- - - - - 34 [D] - - - - - | 1230

2125 | - - - - - 34 [D] - - - - - | 0445

0640 | 45 [D] -

HPTXR

RTLTL : 19h 15m 20s

1200 RTLTL=19h 15m 28s

0000 RTLTL=19h 15m 38s

VOYAGER 2

FDSL : 11AF

CCSL : B118
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=CR-5T @ 0250 XB=160(32)
- [2] S/C 31=GS-4B @ 0850 XB=2.8K(41) NOT RECOVERABLE
- [3] S/C 31=GS-4B @ 0850 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: 11/19/02 - 14:03

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
DECEMBER 1, 2002
335-336

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 15m 4s

1200 RTLT=24h 15m 8s

0000 RTLT=24h 15m 14s

VOYAGER 1

↓ 1608 SLEW->HELIO-11B

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1450 |----- 63 [D] -----| 1825

1945 |----- 25 [D] -----| 0055

DSN COVERAGE
HPTXR

32

--- 45 [D] ---| 1045

0545 |--- 45 [D] ---

HPTXR

RTLT : 19h 15m 38s

1200 RTLT=19h 15m 46s

0000 RTLT=19h 15m 56s

VOYAGER 2

FDSL : 11AF

CCSL : B118
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