

ISSUE DATE: 11/27/02 - 09:25

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

RTLT : 24h 14m 30s

1200 RTLT=24h 14m 36s

0000 RTLT=24h 14m 42s

VOYAGER 1

↓ 1608 SLEW->HELIO-9B

S/C 31 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -23.233 sec

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

ROLLREF = RIGIL
KENTAURUS

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31

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

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

2235 |-----14 [D]-----| 0210

DSN COVERAGE
HPTXR

32

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

0620 |-- 34 [o] --

HPTXR

RTLT : 19h 14m 44s

1200 RTLT=19h 14m 52s

0000 RTLT=19h 15m 2s

VOYAGER 2

S/C 32 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -2:13.216 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

Thanksgiving Holiday

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: 11/27/02 - 09:25

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] - - - - - | 1750

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

DSN COVERAGE HPTXR

32

- - - - - 34 [o] - - - - - | 1120

0510 | - - - - - 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

Thanksgiving Holiday

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: 11/27/02 - 09:25

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

VOYAGER 1

FDSL : 11AF

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

0850 | 0850 PWS/RH

↓ 1608 SLEW->MIDPNT

1057 | - | 1125 TAPPOS

0850
GS-4B
0850

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1435 | - - - - - 63 [D] - - - - - | 1840

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

VOYAGER 2

FDSL : 11AF

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

1200 RTLTL=19h 15m 28s

0000 RTLTL=19h 15m 38s

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: 11/27/02 - 09:25

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

RTLTL : 24h 15m 4s

1200 RTLTL=24h 15m 8s

0000 RTLTL=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] -----| 1835

1945 |----- 25 [D] -----| 0105

DSN COVERAGE
HPTXR

32

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

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

HPTXR

RTLTL : 19h 15m 38s

1200 RTLTL=19h 15m 46s

0000 RTLTL=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

ISSUE DATE: 11/27/02 - 09:25

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
DECEMBER 2, 2002
336-337

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 15m 14s

VOYAGER 1

FDSL : 11AF

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

1200 RTLTL=24h 15m 18s

0000 RTLTL=24h 15m 24s

↓ 1708 SLEW->HELIO-12B

- ↓ 1545 ALL DB=.05
- ↓ 1601 AAI
- 1602 | - - | 1639 ASCAL
- ↓ 1636 GYROS OFF
- ↓ 1636 RAI
- ↓ 1639 CRU
- ↓ 1647 ROLL=.25
- ↓ 1647 YAW=.10

FDS MODE
XB DATA RATE (MI)

	1530	1642	
CR-5T	EL-40		CR-5T
160(32)	40(30)		160(32)

31 1445 | - - - - - 63 [D] - - - - - 1830
1810 | - - - - - 25 [D] - - - - - 0100

DSN COVERAGE

HPTXR

32 - - - - - 45 [D] - - - - - 1245

HPTXR

RTLTL : 19h 15m 56s

VOYAGER 2

FDSL : 11AF

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

1200 RTLTL=19h 16m 4s

0000 RTLTL=19h 16m 14s

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/SNR VARIATIONS EXPECTED DURING ASCAL (1602-1639)

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: 11/27/02 - 09:25

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
DECEMBER 3, 2002
337-338

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 15m 24s | 1200 | RTLTL=24h 15m 30s | 0000 | RTLTL=24h 15m 34s

VOYAGER 1

↓ 1608 SLEW->HELIO-13B

0226 | 0227 PWS/RH

FDSL : 11AF

U/L 1610 |---| TLC (SHORT-FORM)

▼ 1540 DUMMY (15:56)

FDS MODE CR-5T CR-5T

XB DATA RATE (MI) 160(32) 160(32)

DSN COVERAGE HPTXR

31 1500 |---| 63 [T] |---| 1815 |---| 0100

1755 |---| 25 [D]

HPTXR

32 |---| 34 [o] |---| 0815 - 1220 |---| 0300 |---| 45 [D]

HPTXR

RTLTL : 19h 16m 14s | 1200 | RTLTL=19h 16m 22s | 0000 | RTLTL=19h 16m 30s

VOYAGER 2

0119 | 0120 PWS/RH

FDSL : 11AF

CR-5T CR-5T

XB DATA RATE (MI) 160 (32) 160(32)

VOYAGER COVERAGE

ON CALL VGR ON CALL

NOTES

[1] S/C 32=GS-4B @ 0119 XB=2.8K(41) NOT RECOVERABLE

[2] S/C 31=GS-4B @ 0226 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: 11/27/02 - 09:25

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
DECEMBER 4, 2002
338-339

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 15m 34s

1200 RTLTL=24h 15m 38s

0000 RTLTL=24h 15m 44s

VOYAGER 1

↓ 1608 SLEW->HELIO-14B

FDSL : 11AF

----- TLC (SHORT-FORM) ----- | D/L - | 1753

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

1530 |----- 63 [D] -----| 1815

1755 |----- 25 [D] -----| 0055

DSN COVERAGE
HPTXR

32

----- 45 [D] ----- | 1245

0415 |----- 45 [D] -----

HPTXR

RTLTL : 19h 16m 30s

1200 RTLTL=19h 16m 40s

0000 RTLTL=19h 16m 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: 11/27/02 - 09:25

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
DECEMBER 5, 2002
339-340

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 15m 44s

1200 RTLTL=24h 15m 48s

0000 RTLTL=24h 15m 54s

VOYAGER 1

↓ 1609 SLEW->HELIO-15B

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

1440 |----- 63 [D] -----| 1810

1750 |----- 25 [D] -----| 2240

2220 |----- 14 [D] -----| 0135

DSN COVERAGE
HPTXR

32

----- 45 [D] -----| 1235

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

HPTXR

RTLTL : 19h 16m 48s

1200 RTLTL=19h 16m 56s

0000 RTLTL=19h 17m 6s

VOYAGER 2

FDSL : 11AF

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

0227 |---- COMMAND MORATORIUM ----

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: 11/27/02 - 09:25

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
DECEMBER 6, 2002
340-341

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 54s

1200 RTLT=24h 15m 58s

0000 RTLT=24h 16m 2s

VOYAGER 1

↓ 1609 SLEW->HELIO-16B

FDSL : 11AF

0524 | 0538 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

1440 |----- 63 [D] -----| 1815

2355 |----- 34 [D] -----| 0410

DSN COVERAGE
HPTXR

32

----- 45 [D] -----| 1235

2045- 0710 |----- 45 [D] -----|

HPTXR

RTLT : 19h 17m 6s

1200 RTLT=19h 17m 14s

0000 RTLT=19h 17m 22s

VOYAGER 2

↓ 2115 GYRO INIT

↓ 2115 GYROS AC ON

↓ 2125 GYRO FAULT TEST

FDSL : 11AF

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

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

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: 11/27/02 - 09:25

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
DECEMBER 7, 2002
341-342

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 16m 2s

VOYAGER 1

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

0826 - 0827 PWS/RH

↓ 1609 SLEW->HELIO-17B

1033 | 1034 TAPPOS

0826
GS-4B
0827

CR-5T

160(32)

31

1435 |----- 63 [D] -----| 1810

1750 |----- 25 [D] -----| 0040

DSN COVERAGE
HPTXR

32

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

HPTXR

RTLTL : 19h 17m 22s

VOYAGER 2

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

1200 RTLTL=19h 17m 30s

0000 RTLTL=19h 17m 38s

----- COMMAND MORATORIUM -----| 0154

CR-5T

160(32)

VOYAGER COVERAGE

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

NOTES

- [1] S/C 31=CR-5T @ 0227 XB=160(32)
- [2] S/C 31=GS-4B @ 0826 XB=2.8K(41) NOT RECOVERABLE
- [3] S/C 31=GS-4B @ 0826 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: 11/27/02 - 09:25

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 8, 2002
342-343

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 16m 12s

1200 RTLTL=24h 16m 16s

0000 RTLTL=24h 16m 20s

VOYAGER 1

↓ 1609 SLEW->HELIO-18B

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

1405 |----- 65 [D] -----| 1710

1650 |----- 25 [D] -----| 0040

DSN COVERAGE
HPTXR

32

HPTXR

----- 45 [D] -----| 1230

0540 |--- 45 [D] ---

RTLTL : 19h 17m 38s

1200 RTLTL=19h 17m 46s

0000 RTLTL=19h 17m 54s

VOYAGER 2

↓ 2115 GYRO INIT

FDSL : 11AF

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

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: 11/27/02 - 09:25

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
DECEMBER 9, 2002
343-344

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 16m 20s

1200 RTLTL=24h 16m 24s

0000 RTLTL=24h 16m 28s

VOYAGER 1

↓ 1609 SLEW->HELIO-19B

FDSL : 11AF

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

U/L 1555 | - - | - - - - - TLC (SHORT-FORM) - - - - -

▼ 1545 DUMMY (16:01)

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31

1445 | - - - - - 63 [T] - - - - - | 1800

1740 | - - - - - 25 [D] - - - - - | 0025

0120 | - - - - - 45 [D] - - - - - | 0520

DSN COVERAGE
HPTXR

32

45 [D] - - - - - | 1105

2315 | - - - - - 34 [o] - - - - - | 0605 | - - 45 [D] - -
0445

HPTXR

RTLTL : 19h 17m 54s

1200 RTLTL=19h 18m 2s

0000 RTLTL=19h 18m 10s

VOYAGER 2

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

VOYAGER COVERAGE

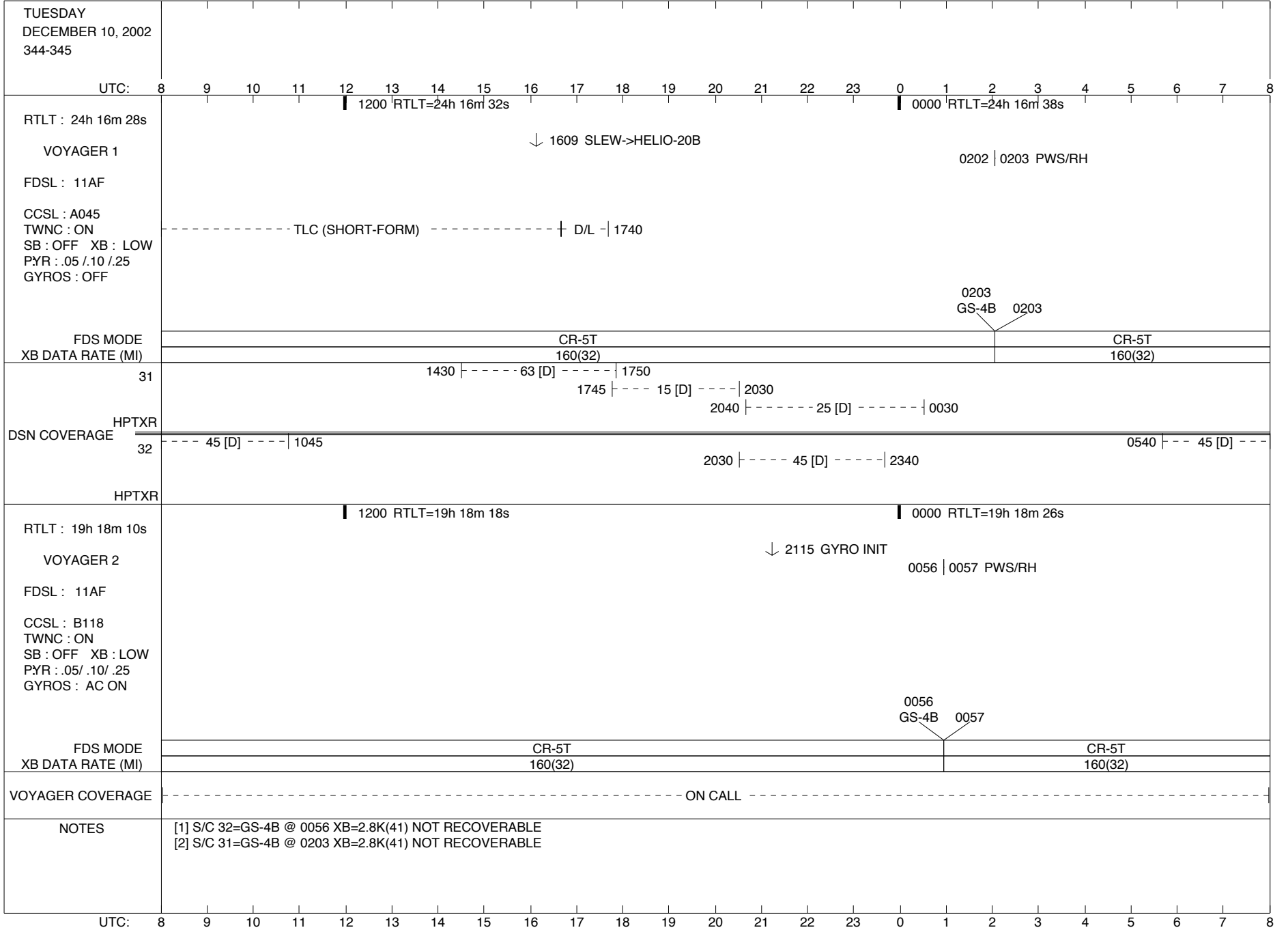
- - - - - ON CALL - - - - - | - VGR - | - - - - - ON CALL - - - - - |

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: 11/27/02 - 09:25

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: 11/27/02 - 09:25

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
DECEMBER 11, 2002
345-346

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 16m 38s

1200 RTLTL=24h 16m 42s

0000 RTLTL=24h 16m 46s

VOYAGER 1

FDSL : 11AF

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

1818 | PLSCAL - | 2000
1818 | --- MAGCAL --- | 2120
1818 | --- PESCAL --- | 2138
2228 | | 2248 AACS MRO
2248 | | 2259 CCS MRO
2259 | | 2312 FDS MRO

FDS MODE
XB DATA RATE (MI)

CR-5T

2214 2312

EH-12

CR-5T

160(32)

160(32)

31

1425 | --- 65 [D] --- | 1705

1715 | ----- 15 [D] ----- | 2150

2205 | ----- 14 [D] ----- | 0110

DSN COVERAGE
HPTXR

32

--- 45 [D] --- | 1015

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

HPTXR

RTLTL : 19h 18m 26s

1200 RTLTL=19h 18m 34s

0000 RTLTL=19h 18m 42s

COMMAND MORATORIUM 0548 | -----

VOYAGER 2

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER COVERAGE

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

NOTES

S/C 31 = EH-12 @ 22:14 XB=1.2K(39)

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: 11/27/02 - 09:25

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
DECEMBER 12, 2002
346-347

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 16m 46s

1200 RTLTL=24h 16m 50s

0000 RTLTL=24h 16m 52s

VOYAGER 1

↓ 1509 SLEW->HELIO-19A

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

1420 |---- 65 [D] ----| 1700

1945 |---- 25 [D] ----| 2225

2205 |----- 14 [D] -----| 0105

DSN COVERAGE
HPTXR

32

--- 45 [D] ----| 1040

0000 |----- 45 [D] -----

HPTXR

RTLTL : 19h 18m 42s

1200 RTLTL=19h 18m 50s

0000 RTLTL=19h 18m 58s

VOYAGER 2

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

| 0518

FDSL : 11AF

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

↓ 0037 GYROS BC ON
↓ 0038 GYRO INIT
↓ 0047 GYRO FAULT TEST

↓ 0022 STOP GYRO FAULT TEST

0137 | 0144 CCSTIM(B)

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: 11/27/02 - 09:25

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
DECEMBER 13, 2002
347-348

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 16m 52s

1200 RTLTL=24h 16m 56s

0000 RTLTL=24h 17m 0s

VOYAGER 1

↓ 1509 SLEW->HELIO-18A

FDSL : 11AF

0500 | 0514 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

1300 | ----- 63 [D] ----- | 1700

2205 | ----- 14 [D] ----- | 0105

DSN COVERAGE
HPTXR

32

----- 45 [D] ----- | 1210

0525 | ----- 45 [D] -----

HPTXR

RTLTL : 19h 18m 58s

1200 RTLTL=19h 19m 6s

0000 RTLTL=19h 19m 12s

VOYAGER 2

FDSL : 11AF

CCSL : B118
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: 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: 11/27/02 - 09:25

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 DECEMBER 14, 2002 348-349	
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 17m 0s VOYAGER 1 FDSL : 11AF CCSL : A045 TWNC : ON SB : OFF XB : LOW PYR : .05 / .10 / .25 GYROS : OFF FDS MODE XB DATA RATE (MI)	1200 RTLT=24h 17m 4s 0803 - 0804 PWS/RH ↓ 1509 SLEW->HELIO-17A 1010 - 1037 TAPPOS 0803 GS-4B 0804 CR-5T 160(32)
31	1340 ----- 63 [D] ----- 1745 1805 ----- 15 [D] ----- 0010 2350 ----- 45 [D] ----- 0500
DSN COVERAGE	
HPTXR	
32	45 [D] ----- 1040 0510 ----- 34 [D] -----
HPTXR	
RTLT : 19h 19m 12s VOYAGER 2 FDSL : 11AF CCSL : B118 TWNC : ON SB : OFF XB : LOW PYR : .05 / .10 / .25 GYROS : BC ON FDS MODE XB DATA RATE (MI)	1200 RTLT=19h 19m 20s 0000 RTLT=19h 19m 28s CR-5T 160(32)
VOYAGER COVERAGE	----- ON CALL -----
NOTES	[1] S/C 31=CR-5T @ 2312 XB=160(32) [2] S/C 31=GS-4B @ 0803 XB=2.8K(41) NOT RECOVERABLE [3] S/C 31=GS-4B @ 0803 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: 11/27/02 - 09:25

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 15, 2002
349-350

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 17m 8s

1200 RTLTL=24h 17m 12s

0000 RTLTL=24h 17m 14s

VOYAGER 1

↓ 1509 SLEW->HELIO-16A

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

1415 | --- 65 [D] --- | 1650

1630 | ----- 25 [D] ----- | 0010

DSN COVERAGE HPTXR

32

--- 34 [D] --- | 1010

0030 | ----- 45 [D] -----

HPTXR

RTLTL : 19h 19m 28s

1200 RTLTL=19h 19m 36s

0000 RTLTL=19h 19m 42s

VOYAGER 2

FDSL : 11AF

CCSL : B118
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: 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