

ISSUE DATE: 10/29/97 - 07:18

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 30, 1997  
303-304

VCB/MD MTG/A106

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 : 19h 7m 50s

1200 RTLTL=19h 7m 58s

0000 RTLTL=19h 8m 8s

VOYAGER 1

FDSL : 11AF

CCSL : A026  
TWNC : ON  
SB : OFF XB : HI  
PYR : .05/ .10 / .25  
GYROS : OFF

S/C 31 STATUS

FDS CLOCK DRIFT:  
ADD TO S/C EVENT  
ERT: -12.247 sec

ROLLREF = RIGIL  
KENTAURUS

↓ 1704 SLEW->ALPHA VIR

1813 | - TAPPOS - - | 2028

FDS MODE  
XB DATA RATE (MI)

CR-5T

1631

UV-5A

160 (32)

600(36)

31 0850 |----- 65 [D] -----| 1345

1620 |----- 25 [D] -----| 2245

0110 |--- 24 [D] ---| 0325

DSN COVERAGE  
HPTXR

32 1220 |--- 45 [D] ---| 1435

2255 |----- 34 [D] -----| 0620

HPTXR

RTLTL : 14h 49m 52s

1200 RTLTL=14h 50m 4s

0000 RTLTL=14h 50m 16s

VOYAGER 2

FDSL : 11AF

CCSL : B028  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

S/C 32 STATUS

FDS CLOCK DRIFT:  
ADD TO S/C EVENT  
ERT: 1:18.139 min

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: 10/29/97 - 07:18

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  
OCTOBER 31, 1997  
304-305

☐ SCRAP/A106

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 : 19h 8m 8s

█ 1200 RTLTL=19h 8m 16s

█ 0000 RTLTL=19h 8m 24s

VOYAGER 1

- ↓ 1859 GYRO INIT
- ↓ 1859 GYROS BC ON
- ↓ 1909 GYRO FAULT TEST

FDSL : 11AF

U/L 0150 | - | - - - - - TLC (SHORT-FORM) - - - - -

CCSL : A026  
TWNC : ON  
SB : OFF XB : HI  
PYR : .05/ .10/ .25  
GYROS : OFF

1959 || 2004 CCSTIM B

FDS MODE  
XB DATA RATE (MI)

UV-5A

600(36)

31

1650 | - - - - - 25 [D] - - - - - | 2055

0110 | - - - 24 [T] - - - | 0325

DSN COVERAGE  
HPTXR

32

1220 | - - - 45 [D] - - - | 1430

2250 | - - - - - 34 [D] - - - - - | 0615

HPTXR

RTLTL : 14h 50m 16s

█ 1200 RTLTL=14h 50m 28s

█ 0000 RTLTL=14h 50m 38s

VOYAGER 2

FDSL : 11AF

CCSL : B028  
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: 10/29/97 - 07:18

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 1, 1997  
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

RTLT : 19h 8m 24s

1200 RTLT=19h 8m 34s

0000 RTLT=19h 8m 42s

VOYAGER 1

FDSL : 11AF

CCSL : A026

TWNC : ON

SB : OFF XB : HI

PYR : .05/ .10 / .25

GYROS : ON

----- TLC (SHORT-FORM) ----- | D/L | 2227

FDS MODE

UV-5A

XB DATA RATE (MI)

600(36)

31

|----- 65 [D] ----- | 0840- 1325

1610 |----- 25 [D] ----- | 2240

0040 |--- 24 [D] --- | 0320

HPTXR

DSN COVERAGE

32

1220 |--- 45 [D] --- | 1425

2245 |----- 34 [D] ----- | 0610

HPTXR

RTLT : 14h 50m 38s

1200 RTLT=14h 50m 50s

0000 RTLT=14h 51m 2s

VOYAGER 2

FDSL : 11AF

CCSL : B028

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

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: 10/29/97 - 07:18

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 2, 1997  
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

RTLTL : 19h 8m 42s

1200 RTLTL=19h 8m 50s

0000 RTLTL=19h 8m 58s

VOYAGER 1

↓ 1705 SLEW->MIDPOINT  
↓ 1805 SLEW->BD+28 4211

FDSL : 11AF

CCSL : A026  
TWNC : ON  
SB : OFF XB : HI  
PYR : .05/ .10 / .25  
GYROS : ON

FDS MODE  
XB DATA RATE (MI)

UV-5A  
600(36)

31 |-----65 [D]-----|0830-1320  
1605 |-----25 [D]-----|2235  
0005 |-----24 [D]-----|0315

DSN COVERAGE  
HPTXR

32 |-----45 [D]-----|1425  
0215 |-----45 [D]-----|0610  
2245 |-----34 [D]-----|0100

HPTXR

RTLTL : 14h 51m 2s

1200 RTLTL=14h 51m 12s

0000 RTLTL=14h 51m 24s

VOYAGER 2

FDSL : 11AF

CCSL : B028  
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: 10/29/97 - 07:18

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 3, 1997  
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

RTLT : 19h 8m 58s

1200 RTLT=19h 9m 6s

0000 RTLT=19h 9m 14s

VOYAGER 1

FDSL : 11AF

CCSL : A026  
TWNC : ON  
SB : OFF XB : HI  
PYR : .05/ .10 / .25  
GYROS : ON

FDS MODE  
XB DATA RATE (MI)

UV-5A

600(36)

31

2030 |----- 25 [D] -----| 0325

DSN COVERAGE HPTXR

32

2235 |----- 24 [D] -----| 0145

HPTXR

RTLT : 14h 51m 24s

1200 RTLT=14h 51m 36s

0000 RTLT=14h 51m 46s

VOYAGER 2

FDSL : 11AF

CCSL : B028  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

VOYAGER COVERAGE

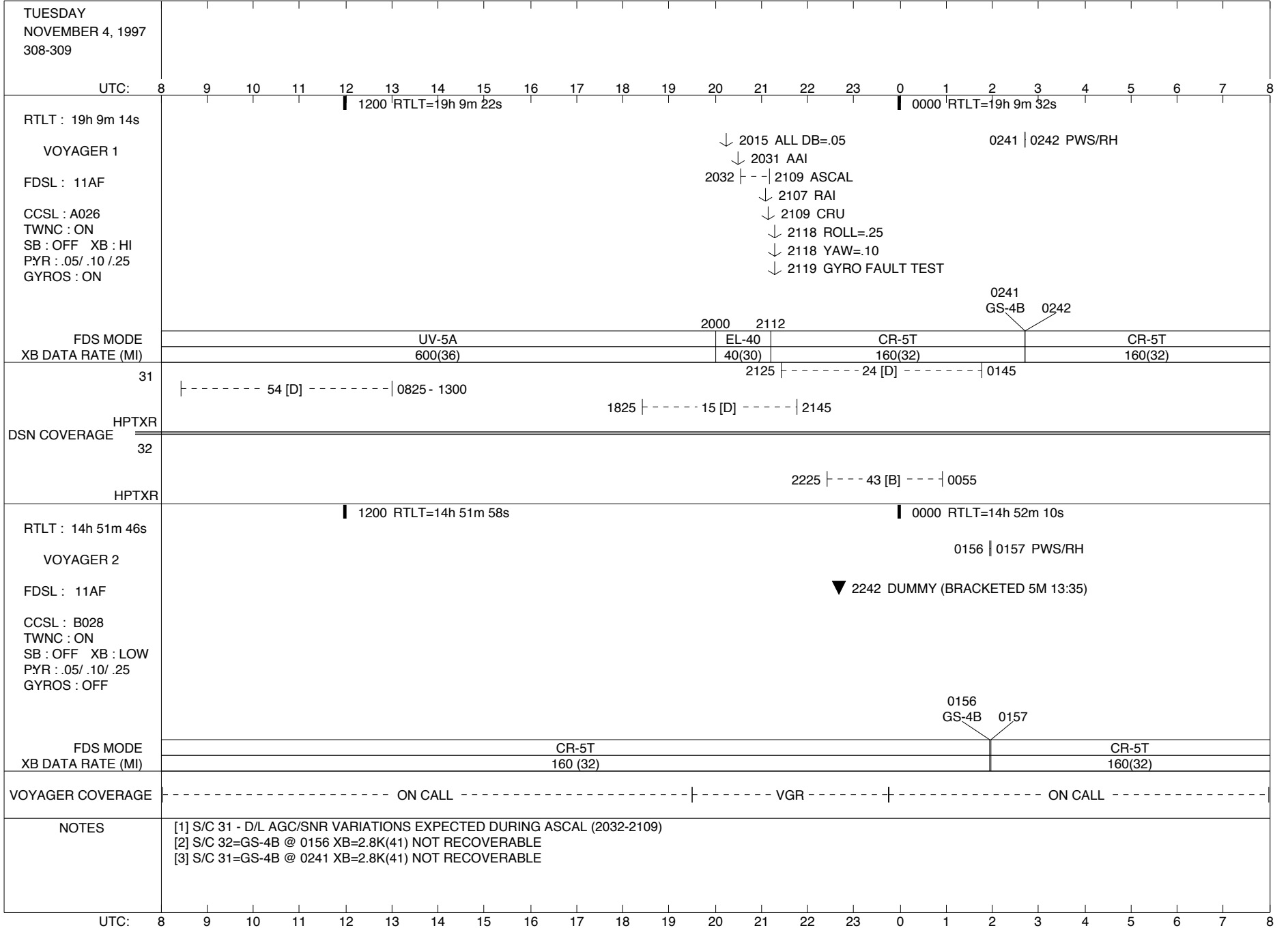
----- ON CALL -----

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: 10/29/97 - 07:18

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: 10/29/97 - 07:18

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 5, 1997  
309-310

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 : 19h 9m 32s

1200 RTLTL=19h 9m 40s

0000 RTLTL=19h 9m 48s

VOYAGER 1

↓ 1844 LEPT D3 ON

↓ 1845 LECP FULL SCAN

FDSL : 11AF

CCSL : A026  
TWNC : ON  
SB : OFF XB : HI  
PYR : .05 / .10 / .25  
GYROS : ON

FDS MODE  
XB DATA RATE (MI)

CR-5T

1606

UV-5A

160(32)

600(36)

31

1145 |----- 61 [D] -----| 1615

1555 |----- 15 [D] -----| 2215

DSN COVERAGE  
HPTXR

32

1215 | - 45 [D] - - | 1410

2330 | - - 25 [D] - - - | 0145

HPTXR

RTLTL : 14h 52m 10s

1200 RTLTL=14h 52m 20s

0000 RTLTL=14h 52m 32s

VOYAGER 2

FDSL : 11AF

CCSL : B028  
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: 10/29/97 - 07:18

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 6, 1997  
310-311

VCB/MD MTG/A106

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 : 19h 9m 48s

1200 RTLT=19h 9m 56s

0000 RTLT=19h 10m 2s

VOYAGER 1

U/L 2300 | - | - - - - - TLC (SHORT-FORM) - - - - -

FDSL : 11AF

▼ 2230 DUMMY (17:40)

CCSL : A026  
TWNC : ON  
SB : OFF XB : HI  
PYR : .05 / .10 / .25  
GYROS : ON

FDS MODE  
XB DATA RATE (MI)

UV-5A

600(36)

31

1840

24

0300

DSN COVERAGE HPTXR

32

2330 | - - - 25 [D] - - - | 0140

HPTXR

RTLT : 14h 52m 32s

1200 RTLT=14h 52m 42s

0000 RTLT=14h 52m 54s

VOYAGER 2

↓ 1329 SLEW->NGP

FDSL : 11AF

CCSL : B028  
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: 10/29/97 - 07:18

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 7, 1997  
311-312

SCRAP/A106

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 : 19h 10m 2s

1200 RTLT=19h 10m 10s

0000 RTLT=19h 10m 18s

VOYAGER 1

FDSL : 11AF

CCSL : A026  
TWNC : ON  
SB : OFF XB : HI  
PYR : .05 / .10 / .25  
GYROS : ON

TLC (SHORT-FORM) -----+ D/L -| 1938

↓ 2010 AAI

2013 |----- MAGROL -----| 0208

↓ 0201 RAI

↓ 0208 CRU

↓ 0208 GYROS OFF

FDS MODE  
XB DATA RATE (MI)

UV-5A

2001

CR-5T

600(36)

160(32)

31

----- 65 [D] -----| 0810 - 1120

0245 |----- 54 [D] -----

1120 | 63 [D] -| 1245

1645 |----- 15 [D] -----| 0305

DSN COVERAGE  
HPTXR

32

2220 |----- 24 [D] -----| 0130

HPTXR

RTLT : 14h 52m 54s

1200 RTLT=14h 53m 4s

0000 RTLT=14h 53m 16s

VOYAGER 2

FDSL : 11AF

CCSL : B028  
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 (2013-0208)

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: 10/29/97 - 07:18

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 8, 1997  
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 : 19h 10m 18s

1200 RTLT=19h 10m 26s

0000 RTLT=19h 10m 34s

VOYAGER 1

FDSL : 11AF

CCSL : A026  
TWNC : ON  
SB : OFF XB : HI  
PYR : .05 / .10 / .25  
GYROS : OFF

FDS MODE	1112	UV-5A
XB DATA RATE (MI)	CR-5T 160(32)	600(36)

DSN COVERAGE	31	54 [D]	1240	1540	25 [D]	0305	
HPTXR	32	1215	45 [D]	1405	2215	24 [D]	0130
HPTXR							

RTLT : 14h 53m 16s

1200 RTLT=14h 53m 26s

0000 RTLT=14h 53m 38s

VOYAGER 2

FDSL : 11AF

CCSL : B028  
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

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: 10/29/97 - 07:18

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 9, 1997  
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

RTLTL : 19h 10m 34s

1200 RTLTL=19h 10m 42s

0000 RTLTL=19h 10m 50s

VOYAGER 1

FDSL : 11AF

CCSL : A026  
TWNC : ON  
SB : OFF XB : HI  
PYR : .05 / .10 / .25  
GYROS : OFF

FDS MODE	UV-5A	1117	CR-5T	1842	UV-5A
XB DATA RATE (MI)	600(36)		160(32)		600(36)

31 1120 |----- 61 [D] -----| 1700  
1835 |----- 24 [D] -----| 0250

DSN COVERAGE HPTXR

32 1215 | - 45 [D] - - | 1400

HPTXR

RTLTL : 14h 53m 38s

1200 RTLTL=14h 53m 48s

0000 RTLTL=14h 54m 0s

VOYAGER 2

FDSL : 11AF

CCSL : B028  
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

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: 10/29/97 - 07:18

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 10, 1997  
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

RTLT : 19h 10m 50s

1200 RTLT=19h 10m 56s

0000 RTLT=19h 11m 4s

VOYAGER 1

FDSL : 11AF

CCSL : A026  
TWNC : ON  
SB : OFF XB : HI  
PYR : .05 / .10 / .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

UV-5A

600(36)

31

1120 |-----61 [D]-----| 1415

1905 |-- 24 [D] ---| 2125

DSN COVERAGE  
HPTXR

32

1215 |-- 45 [D] - | 1355

2210 |----- 24 [D] -----| 0120

HPTXR

RTLT : 14h 54m 0s

1200 RTLT=14h 54m 10s

0000 RTLT=14h 54m 22s

VOYAGER 2

FDSL : 11AF

CCSL : B028  
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: 10/29/97 - 07:18

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 11, 1997  
315-316

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 : 19h 11m 4s

1200 RTLTL=19h 11m 12s

0000 RTLTL=19h 11m 18s

VOYAGER 1

FDSL : 11AF

CCSL : A026  
TWNC : ON  
SB : OFF XB : HI  
PYR : .05 / .10 / .25  
GYROS : OFF

U/L 0100 | - | - - - - - TLC (SHORT-FORM) - - - - -

0218 | 0219 PWS/RH

0218  
GS-4B 0219

FDS MODE  
XB DATA RATE (MI)

UV-5A  
600(36)

CR-5T  
160(32)

31 | - 65 [D] - - | 0805 - 0945

1530 | - - - - - 25 [D] - - - - - | 2220

0045 | - - 24 [T] - - | 0240

65 [D] 0750 | -

DSN COVERAGE  
HPTXR

32

1210 | - 45 [D] - - | 1355

2200 | - - - 43 [B] - - - - | 0030

HPTXR

RTLTL : 14h 54m 22s

1200 RTLTL=14h 54m 32s

0000 RTLTL=14h 54m 42s

VOYAGER 2

FDSL : 11AF

CCSL : B028  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05 / .10 / .25  
GYROS : OFF

0134 | 0135 PWS/RH

▼ 2217 DUMMY (BRACKETED 5M 13:12)

0134  
GS-4B 0135

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 @ 0134 XB=2.8K(41) NOT RECOVERABLE  
[2] S/C 31=GS-4B @ 0218 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: 10/29/97 - 07:18

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 12, 1997  
316-317

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 : 19h 11m 18s

1200 RTLTL=19h 11m 26s

0000 RTLTL=19h 11m 34s

VOYAGER 1

----- TLC (SHORT-FORM) ----- | D/L -| 2139

FDSL : 11AF

1809 | PLSCAL -| 1952

1809 | --- MAGCAL ---| 2112

1809 | --- PESCAL ---| 2129

↓ 0243 X/B LOW POWER

↓ 0247 BAY 1 HTR ON

CCSL : A026  
TWNC : ON  
SB : OFF XB : HI  
PYR : .05 / .10 / .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 -- 65 [D] -- | 0945

1800 | ----- 24 [D] ----- | 0235

65 [D] 0750 |

DSN COVERAGE  
HPTXR

32

1205 | - 45 [D] - | 1350

2155 | ----- 25 [D] ----- | 0120

HPTXR

RTLTL : 14h 54m 42s

1200 RTLTL=14h 54m 54s

0000 RTLTL=14h 55m 4s

VOYAGER 2

FDSL : 11AF

CCSL : B028  
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: 10/29/97 - 07:18

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 13, 1997  
317-318

VCB/MD MTG/A106

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 : 19h 11m 34s

1200 RTLTL=19h 11m 40s

0000 RTLTL=19h 11m 48s

VOYAGER 1

↓ 2036 SLEW->HELIO-20A

FDSL : 11AF

▼ 2200 DUMMY (17:11)

CCSL : A026  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05 / .10 / .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 -- 65 [D] -- | 0945

1855 |----- 24 -----| 0235

63 [D] 0730 |--

HPTXR  
DSN COVERAGE

32

1210 |-- 45 [D] -- | 1345

2315 |-- 25 [D] -- | 0115

HPTXR

RTLTL : 14h 55m 4s

1200 RTLTL=14h 55m 14s

0000 RTLTL=14h 55m 26s

VOYAGER 2

FDSL : 11AF

CCSL : B028  
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: 10/29/97 - 07:18

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 14, 1997  
318-319

☐ SCRAP/A106

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 : 19h 11m 48s

█ 1200 RTLTL=19h 11m 54s

█ 0000 RTLTL=19h 12m 2s

VOYAGER 1

↓ 2037 SLEW->HELIO-19A

FDSL : 11AF

CCSL : A026  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05 / .10 / .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

-----63 [D] -----| 1220

1645 |

-----25 [D] -----| 2105

2045 |

-----24 [D] -----| 0230

65 [D] 0750 |

HPTXR  
DSN COVERAGE

32

1205 | - 45 [D] - | 1340

2150 | - - - - - 25 [D] - - - - - | 0110

HPTXR

RTLTL : 14h 55m 26s

█ 1200 RTLTL=14h 55m 36s

█ 0000 RTLTL=14h 55m 46s

VOYAGER 2

FDSL : 11AF

CCSL : B028  
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: 10/29/97 - 07:18

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 15, 1997  
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 : 19h 12m 2s

1200 RTLTL=19h 12m 8s

0000 RTLTL=19h 12m 16s

VOYAGER 1

↓ 2037 SLEW->HELIO-18A

FDSL : 11AF

CCSL : A026  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05 / .10 / .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

31 - - 65 [D] - - | 0940

2315 | - - - - - 25 [D] - - - - - | 0215

DSN COVERAGE HPTXR

32

1210 | 45 [D] - | 1330

2150 | - - - - - 24 [D] - - - - - | 0100

HPTXR

RTLTL : 14h 55m 46s

1200 RTLTL=14h 55m 56s

0000 RTLTL=14h 56m 6s

VOYAGER 2

FDSL : 11AF

CCSL : B028  
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: 10/29/97 - 07:18

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 16, 1997  
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 : 19h 12m 16s

1200 RTLTL=19h 12m 22s

0000 RTLTL=19h 12m 28s

VOYAGER 1

↓ 2037 SLEW->HELIO-17A

FDSL : 11AF

CCSL : A026  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05 / .10 / .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

----- 54 [D] ----- | 0835 - 1530 |----- 65 [D] 0730 |-----

1515 |----- 25 [D] ----- | 1905

1850 |----- 24 [D] ----- | 0220

HPTXR

DSN COVERAGE

32

1205 | 45 [D] | 1330

2140 |----- 25 [D] ----- | 0100

HPTXR

RTLTL : 14h 56m 6s

1200 RTLTL=14h 56m 18s

0000 RTLTL=14h 56m 28s

VOYAGER 2

FDSL : 11AF

CCSL : B028  
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