

ISSUE DATE: 11/05/97 - 07:21

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

FDSL : 11AF

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

S/C 31 STATUS  
FDS CLOCK DRIFT:  
ADD TO S/C EVENT  
ERT: -12.331 sec  
ROLLREF = RIGIL  
KENTAURUS

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

▼ 2230 DUMMY (17:40)

FDS MODE  
XB DATA RATE (MI)

UV-5A

600 (36)

31

1840

24

0300

HPTXR  
DSN COVERAGE

32

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

HPTXR

RTLT : 14h 52m 32s

1200 RTLT=14h 52m 42s

0000 RTLT=14h 52m 54s

VOYAGER 2

FDSL : 11AF

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

↓ 1329 SLEW->NGP

S/C 32 STATUS  
FDS CLOCK DRIFT:  
ADD TO S/C EVENT  
ERT: 1:17.284 min  
ROLLREF = VEGA

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: 11/05/97 - 07:21

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

2001

FDS MODE  
XB DATA RATE (MI)

UV-5A  
600 (36)

CR-5T  
160(32)

31 |----- 65 [D] -----| 0810 - 1120 |----- 54 [D] 0800

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: 11/05/97 - 07:21

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] -----   0800 - 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: 11/05/97 - 07:21

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: 11/05/97 - 07:21

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: 11/05/97 - 07:21

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

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: 11/05/97 - 07:21

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

RTLT : 19h 11m 18s

1200 RTLT=19h 11m 26s

0000 RTLT=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

RTLT : 14h 54m 42s

1200 RTLT=14h 54m 54s

0000 RTLT=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: 11/05/97 - 07:21

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 |--

DSN COVERAGE  
HPTXR

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: 11/05/97 - 07:21

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: 11/05/97 - 07:21

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

RTLT : 19h 12m 2s

1200 RTLT=19h 12m 8s

0000 RTLT=19h 12m 16s

↓ 2037 SLEW->HELIO-18A

VOYAGER 1

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

RTLT : 14h 55m 46s

1200 RTLT=14h 55m 56s

0000 RTLT=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: 11/05/97 - 07:21

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

ISSUE DATE: 11/05/97 - 07:21

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 17, 1997  
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

RTLTL : 19h 12m 28s

1200 RTLTL=19h 12m 36s

0000 RTLTL=19h 12m 42s

VOYAGER 1

↓ 2037 SLEW->HELIO-16A

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

1900 |----- 24 [D] -----| 0215

65 [D] 0730 |--

DSN COVERAGE  
HPTXR

32 1205 | 45 [D] - | 1325

2320 | - 25 [D] - | 0100

HPTXR

RTLTL : 14h 56m 28s

1200 RTLTL=14h 56m 38s

0000 RTLTL=14h 56m 48s

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: 11/05/97 - 07:21

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 18, 1997  
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

RTLT : 19h 12m 42s

VOYAGER 1

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)

CR-5T  
160(32)

31 - 65 [D] - | 0940

2145 | ----- 24 [T] ----- | 0215

65 [D] 0725 | - -

DSN COVERAGE  
HPTXR

32

1205 | 45 [D] | 1325

2130 | --- 43 [B] --- | 0005

HPTXR

RTLT : 14h 56m 48s

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)

CR-5T  
160(32)

1200 RTLT=14h 56m 58s

0000 RTLT=14h 57m 8s

0111 | 0112 PWS/RH

0122 | ----- DTR MAINT ----- | 0648

0225 | PLSCAL | 0407

0225 | --- MAGCAL --- | 0527

0225 | --- PESCAL --- | 0545

TAPPOS 0650 | - - - -

▼ 2147 DUMMY (5M BR. 12:44)

0111  
GS-4B 0112

VOYAGER COVERAGE

----- ON CALL ----- + - - VGR - + ----- ON CALL -----

NOTES

[1] S/C 32=GS-4B @ 0111 XB=2.8K(41) NOT RECOVERABLE  
[2] S/C 31=GS-4B @ 0155 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: 11/05/97 - 07:21

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 19, 1997  
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 : 19h 12m 56s

1200 RTLTL=19h 13m 2s

0000 RTLTL=19h 13m 8s

VOYAGER 1

↓ 2037 SLEW->HELIO-14A

FDSL : 11AF

TLC (SHORT-FORM) -----| D/L -|2141

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

1555 |----- 25 [D] -----| 0225

65 [D] 0720 |---

DSN COVERAGE  
HPTXR

32

1205 | 45 [D] | 1320

2135 |----- 24 [D] -----| 0045

HPTXR

RTLTL : 14h 57m 8s

1200 RTLTL=14h 57m 18s

0000 RTLTL=14h 57m 28s

VOYAGER 2

FDSL : 11AF

TAPPOS | 0925

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: 11/05/97 - 07:21

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 20, 1997  
324-325

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 13m 8s

1200 RTLTL=19h 13m 14s

0000 RTLTL=19h 13m 20s

VOYAGER 1

↓ 2037 SLEW->HELIO-13A

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

1455 |----- 25 [D] ----- | 2040

0700 | 63 [D]

DSN COVERAGE  
HPTXR

32

1205 | 45 [D] | 1320

2125 |----- 25 [D] ----- | 0045

HPTXR

RTLTL : 14h 57m 28s

1200 RTLTL=14h 57m 38s

0000 RTLTL=14h 57m 48s

VOYAGER 2

↓ 1031 SLEW->HELIO-20A

↓ 2231 SLEW->HELIO-19A

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: 11/05/97 - 07:21

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 21, 1997  
325-326

☐ 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 13m 20s

█ 1200 RTLTL=19h 13m 26s

█ 0000 RTLTL=19h 13m 32s

VOYAGER 1

↓ 2037 SLEW->HELIO-12A

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] ----- | 1155 1505 | ----- 24 [D] ----- | 2040 65 [D] 0715 | -----

2030 | ----- 15 [D] ----- | 0215

HPTXR  
DSN COVERAGE

32 1205 | 45 [D] | 1315

2125 | ----- 24 [D] ----- | 0040

HPTXR

RTLTL : 14h 57m 48s

█ 1200 RTLTL=14h 57m 58s

█ 0000 RTLTL=14h 58m 8s

VOYAGER 2

↓ 1031 SLEW->HELIO-18A

↓ 2231 SLEW->HELIO-17A

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: 11/05/97 - 07:21

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 22, 1997  
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

RTLT : 19h 13m 32s

1200 RTLT=19h 13m 38s

0000 RTLT=19h 13m 46s

↓ 2037 SLEW->HELIO-11A

VOYAGER 1

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] --- | 1010

1910 |----- 24 [D] -----| 0200

65 [D] 0710 |---

DSN COVERAGE  
HPTXR

32

2140 |--- 15 [D] ---| 0020

HPTXR

RTLT : 14h 58m 8s

1200 RTLT=14h 58m 18s

0000 RTLT=14h 58m 28s

↓ 1031 SLEW->HELIO-16A

↓ 2232 SLEW->HELIO-15A

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: 11/05/97 - 07:21

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 23, 1997  
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 : 19h 13m 46s

1200 RTLTL=19h 13m 50s

0000 RTLTL=19h 13m 56s

VOYAGER 1

↓ 2038 SLEW->MIDPT2

↓ 2338 SLEW->MIDPT1

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] - | 0935

1445 |----- 25 [D] ----- | 2030

65 [D] 0705 |-----

DSN COVERAGE  
HPTXR

32 1200 | 45 [D] | 1305

2115 |----- 25 [D] ----- | 0030

HPTXR

RTLTL : 14h 58m 28s

1200 RTLTL=14h 58m 38s

0000 RTLTL=14h 58m 48s

VOYAGER 2

↓ 1032 SLEW->HELIO-14A

↓ 2232 SLEW->HELIO-13A

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