

ISSUE DATE: 05/14/97 - 10:45

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  
MAY 15, 1997  
135-136

VCB/MD MTG/A106

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 : 18h 15m 22s

1200 RTLTL=18h 15m 24s

0000 RTLTL=18h 15m 28s

VOYAGER 1

FDSL : 11AF

CCSL : A025  
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: -10.187 sec

ROLLREF = RIGIL  
KENTAURUS

↓ 1415 X/B LOW POWER  
↓ 1419 BAY 1 HTR ON

↓ 2348 SLEW->BCKGND

FDS MODE  
XB DATA RATE (MI)

UV-5A

0019

CR-5T

600 (36)

160(32)

31

----- 25 [D] ----- | 1450

2105 |----- 63 [D] ----- | 0030

24 [T] 0700

0015 |----- 65 [D] ----- | 0600

DSN COVERAGE  
HPTXR

32

0950 |--- 24 [o] --- | 1220

1450 |----- 45 [D] ----- | 0140

HPTXR

RTLTL : 14h 11m 44s

1200 RTLTL=14h 11m 42s

0000 RTLTL=14h 11m 40s

VOYAGER 2

FDSL : 11AF

CCSL : B027  
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: 1:40.075 min

ROLLREF = VEGA

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

VOYAGER COVERAGE

|----- VGR -----|

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: 05/14/97 - 10:45

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  
MAY 16, 1997  
136-137

SCRAP/A106

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 : 18h 15m 28s

1200 RTLTL=18h 15m 30s

0000 RTLTL=18h 15m 34s

VOYAGER 1

▼ 1020 DUMMY (04:35)

U/L 1145 | - |

TLC (SHORT-FORM) -----

SLEW->HELIO-20B 0508 ↓

D/L

FDSL : 11AF

CCSL : A025  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

24 [T] -----

0700 - 1220

0400 |-----

25 [D] -----

1200 |-----

25 [D] ----- | 1445

2330 |-----

65 [D] -----

| 0420

DSN COVERAGE

HPTXR

32

1000 |-----

43 [B] ----- | 1245

1230 |-----

45 [D] -----

| 0135

HPTXR

RTLTL : 14h 11m 40s

1200 RTLTL=14h 11m 38s

0000 RTLTL=14h 11m 36s

VOYAGER 2

▼ 1053 DUMMY (BRACKETED-4min 01:04)

FDSL : 11AF

CCSL : B027  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

VOYAGER COVERAGE

|----- VGR -----|

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: 05/14/97 - 10:45

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  
MAY 17, 1997  
137-138

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 : 18h 15m 34s

1200 RTLT=18h 15m 36s

0000 RTLT=18h 15m 40s

VOYAGER 1

↓ 1708 SLEW->HELIO-19B

SLEW->HELIO-18B 0508 ↓

-- | 0729 D/L

FDSL : 11AF

CCSL : A025  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

31 -- 25 [D] -- | 0850

0210 - 0700 | ----- 65 [D] -----

2340 | ---- 61 [D] ---- | 0230

25 [D] 0650 |

DSN COVERAGE  
HPTXR

32

0940 | --- 24 [o] --- | 1220

0935 | ----- 25 [D,1,2] ----- | 1330

1620 | ----- 45 [D] ----- | 0135

HPTXR

RTLT : 14h 11m 36s

1200 RTLT=14h 11m 34s

0000 RTLT=14h 11m 32s

VOYAGER 2

↓ 1708 SLEW->M 5 UPDATE

FDSL : 11AF

CCSL : B027  
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] DSOT BROADCAST ON VGRTISB3 UNTIL 1220z
- [2] DSOT BROADCAST ON VGRTISB2 AT 1220z

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: 05/14/97 - 10:45

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  
MAY 18, 1997  
138-139

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 : 18h 15m 40s

1200 RTLT=18h 15m 44s

0000 RTLT=18h 15m 46s

VOYAGER 1

↓ 1708 SLEW->HELIO-17B

SLEW->HELIO-16B 0509 ↓

FDSL : 11AF

CCSL : A025  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

31 0700 65 [D]  
--- 25 [D] ---|0915

0530 | 25 [D] -

2345 |----- 61 [D] -----| 0545

DSN COVERAGE  
HPTXR

32 1000 |----- 25 [D] -----| 1325  
1355 |----- 45 [D] -----| 2345

HPTXR

RTLT : 14h 11m 32s

1200 RTLT=14h 11m 30s

0000 RTLT=14h 11m 28s

VOYAGER 2

FDSL : 11AF

CCSL : B027  
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: 05/14/97 - 10:45

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  
MAY 19, 1997  
139-140

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 : 18h 15m 46s

1200 RTLT=18h 15m 50s

0000 RTLT=18h 15m 54s

VOYAGER 1

↓ 1709 SLEW->HELIO-15B

SLEW->HELIO-14B 0509 ↓

FDSL : 11AF

CCSL : A025  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

31 ----- 25 [D] ----- | 1435 2215 | --- 63 [D] --- | 0015 0450 | --- 25 [D] ---

HPTXR

0000 | ----- 65 [D] ----- | 0510

DSN COVERAGE

32

1000 | --- 15 [D,1] --- | 1255  
0955 | ----- 45 [D] ----- | 1905

HPTXR

RTLT : 14h 11m 28s

1200 RTLT=14h 11m 26s

0000 RTLT=14h 11m 24s

VOYAGER 2

FDSL : 11AF

CCSL : B027  
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] DSOT BROADCAST ON VGRTISB3

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: 05/14/97 - 10:45

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  
MAY 20, 1997  
140-141

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 : 18h 15m 54s

1200 RTLTL=18h 15m 58s 0000 RTLTL=18h 16m 2s

VOYAGER 1

1526 || 1527 PWS/RH  
↓ 1709 SLEW->HELIO-13B

SLEW->HELIO-12B 0509 ↓

FDSL : 11AF

CCSL : A025  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

1526  
GS-4B 1527

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

CR-5T

160(32)

31

-----25 [D]----- | 1430

0150 |-----65 [D]----- | 0545 24 [T] 0700

DSN COVERAGE  
HPTXR

32

1445 |-----45 [D]----- | 0120

HPTXR

RTLTL : 14h 11m 24s

1200 RTLTL=14h 11m 22s 0000 RTLTL=14h 11m 20s

VOYAGER 2

1448 || 1449 PWS/RH

FDSL : 11AF

CCSL : B027  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

1448  
GS-4B 1449

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 @ 1448 XB=2.8K(41) NOT RECOVERABLE  
[2] S/C 31=GS-4B @ 1526 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: 05/14/97 - 10:45

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  
MAY 21, 1997  
141-142

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 : 18h 16m 2s

1200 RTLTL=18h 16m 4s

0000 RTLTL=18h 16m 8s

VOYAGER 1

▼ 0930 DUMMY (03:46)

U/L 1000 |----- TLC (SHORT-FORM) -----| D/L |0544

FDSL : 11AF

↓ 1709 SLEW->HELIO-11B

SLEW->MIDPT2 0509 ↓

CCSL : A025  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

24 [T] -----|0700 - 1220

0145 |----- 65 [D] -----|0555

1200 |--- 25 [D] ---|1425

2040 |----- 63 [D] -----|0010

DSN COVERAGE  
HPTXR

32

1450 |----- 45 [D] -----|0115

HPTXR

RTLTL : 14h 11m 20s

1200 RTLTL=14h 11m 20s

0000 RTLTL=14h 11m 18s

VOYAGER 2

FDSL : 11AF

CCSL : B027  
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: 05/14/97 - 10:45

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  
MAY 22, 1997  
142-143

VCB/MD MTG/A106

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 : 18h 16m 8s

1200 RTLTL=18h 16m 12s

0000 RTLTL=18h 16m 16s

VOYAGER 1

↓ 1309 SLEW->MIDPT1

SLEW->HELIO-10B 0509 ↓

FDSL : 11AF

CCSL : A025  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

31 |-----25 [D]-----| 0745 - 1420 |-----63 [D]-----| 2350 |-----65 [D]-----| 0655

1900 |-----63 [D]-----| 2350

0145 - 0645 |-----65 [D]-----|

DSN COVERAGE  
HPTXR

32 |-----24 [o]-----| 1240

1450 |-----45 [D]-----| 0115

HPTXR

RTLTL : 14h 11m 18s

1200 RTLTL=14h 11m 16s

0000 RTLTL=14h 11m 14s

VOYAGER 2

FDSL : 11AF

CCSL : B027  
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: 05/14/97 - 10:45

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  
MAY 23, 1997  
143-144

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 : 18h 16m 16s

1200 RTLT=18h 16m 20s

0000 RTLT=18h 16m 24s

VOYAGER 1

↓ 1709 SLEW->HELIO-9B

SLEW->HELIO-8B 0509 ↓

FDSL : 11AF

CCSL : A025  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

31 ----- 25 [D] ----- | 1420 2030 | ----- 63 [D] ----- | 0000 25 [D] 0655 |

DSN COVERAGE  
HPTXR

32 0915 | ----- 24 [o] ----- | 1245 1450 | ----- 45 [D] ----- | 0110

HPTXR

RTLT : 14h 11m 14s

1200 RTLT=14h 11m 12s

0000 RTLT=14h 11m 12s

VOYAGER 2

FDSL : 11AF

CCSL : B027  
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: 05/14/97 - 10:45

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  
MAY 24, 1997  
144-145

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 : 18h 16m 24s

1200 RTLTL=18h 16m 28s

0000 RTLTL=18h 16m 32s

VOYAGER 1

↓ 1709 SLEW->HELIO-7B

SLEW->HELIO-6B 0509 ↓

FDSL : 11AF

CCSL : A025  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

31 ----- 25 [D] ----- | 1415 25 [D] 0655 |

2310 | --- 61 [D] --- | 0200  
0140 - 0640 | ----- 65 [D] ----- |

HPTXR  
DSN COVERAGE

32 0915 | --- 24 [o] --- | 1235

1455 | --- 45 [D] --- | 0105

HPTXR

RTLTL : 14h 11m 12s

1200 RTLTL=14h 11m 10s

0000 RTLTL=14h 11m 8s

VOYAGER 2

↓ 1708 SLEW->BKG 2

FDSL : 11AF

CCSL : B027  
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: 05/14/97 - 10:45

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  
MAY 25, 1997  
145-146

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 : 18h 16m 32s

1200 RTLT=18h 16m 36s

0000 RTLT=18h 16m 40s

VOYAGER 1

↓ 1709 SLEW->HELIO-5B

SLEW->HELIO-4B 0509 ↓

FDSL : 11AF

CCSL : A025  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

31 ----- 25 [D] ----- | 1410 25 [D] 0655 |

2255 | ----- 61 [D] ----- | 0200  
0140 | ----- 65 [D] ----- | 0605

DSN COVERAGE  
HPTXR

32

0940 | --- 15 [D,1] --- | 1230  
0910 | ----- 24 [D] ----- | 1240

1455 | ----- 45 [D] ----- | 2145

HPTXR

RTLT : 14h 11m 8s

1200 RTLT=14h 11m 8s

0000 RTLT=14h 11m 6s

VOYAGER 2

FDSL : 11AF

CCSL : B027  
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] DSOT BROADCAST ON VGRTISB3

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: 05/14/97 - 10:45

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  
MAY 26, 1997  
146-147

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 : 18h 16m 40s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A025  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : OFF

1200 RTLT=18h 16m 46s  
 1709 SLEW->HELIO-3B  
 0000 RTLT=18h 16m 50s  
 SLEW->HELIO-2B 0509 ↓

FDS MODE CR-5T  
 XB DATA RATE (MI) 160(32)

31 ----- 25 [D] ----- | 1405  
 0135 |----- 65 [D] ----- | 0555

HPTXR

DSN COVERAGE

32 0935 |----- 15 [D] ----- | 1225  
 0905 |----- 24 [D] ----- | 1250  
 1440 |----- 45 [D] ----- | 1855

HPTXR

RTLT : 14h 11m 6s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B027  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : OFF

1200 RTLT=14h 11m 6s  
 0000 RTLT=14h 11m 4s

FDS MODE CR-5T  
 XB DATA RATE (MI) 160(32)

VOYAGER COVERAGE ----- ON CALL -----

NOTES  
**JPL HOLIDAY**

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: 05/14/97 - 10:45

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  
MAY 27, 1997  
147-148

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 : 18h 16m 50s  
VOYAGER 1  
FDSL : 11AF  
CCSL : A025  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

1200 RTLT=18h 16m 54s | 0000 RTLT=18h 16m 58s

1503 | 1503 PWS/RH  
↓ 1709 SLEW->HELIO-1B

1503 GS-4B 1503

FDS MODE CR-5T CR-5T  
XB DATA RATE (MI) 160(32) 160(32)

DSN COVERAGE HPTXR

31 ----- 25 [D] ----- | 1400 1840 | ----- 63 [D] ----- | 2345 25 [D] 0635 | - -  
0130 - 0625 | ----- 65 [D] ----- |

32 0900 | ----- 24 [o] ----- | 1245 1445 | ----- 45 [D] ----- | 0055

HPTXR

RTLT : 14h 11m 4s  
VOYAGER 2  
FDSL : 11AF  
CCSL : B027  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

1200 RTLT=14h 11m 2s | 0000 RTLT=14h 11m 2s

1424 | 1425 PWS/RH

1424 GS-4B 1425

FDS MODE CR-5T CR-5T  
XB DATA RATE (MI) 160(32) 160(32)

VOYAGER COVERAGE ----- ON CALL -----

NOTES  
[1] S/C 32=GS-4B @ 1424 XB=2.8K(41) NOT RECOVERABLE  
[2] S/C 31=GS-4B @ 1503 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: 05/14/97 - 10:45

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  
MAY 28, 1997  
148-149

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 : 18h 16m 58s

1200 RTLT=18h 17m 2s

0000 RTLT=18h 17m 8s

VOYAGER 1

PLSCAL -|0718- 0900

---- MAGCAL ----|0718- 1020

----- PESCAL -----|0718- 1038

FDSL : 11AF

↓ 2109 SLEW->BACKGND

CCSL : A025

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

-----25 [D]-----|1400

2015 |-----63 [D]-----|2345

0330- 0700 |-----14 [D]-----

24 [T] 0645 |

DSN COVERAGE  
HPTXR

32

0900 |-----24 [o]-----|1240

1450 |-----45 [D]-----|0050

HPTXR

RTLT : 14h 11m 2s

1200 RTLT=14h 11m 0s

0000 RTLT=14h 11m 0s

VOYAGER 2

FDSL : 11AF

CCSL : B027

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: 05/14/97 - 10:45

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  
MAY 29, 1997  
149-150

VCB/MD MTG/A106

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 : 18h 17m 8s

1200 RTLTL=18h 17m 12s

0000 RTLTL=18h 17m 16s

VOYAGER 1

▼ 1130 DUMMY (05:47)  
U/L 1230 | - |

TLC (SHORT-FORM) -----

FDSL : 11AF

CCSL : A025  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

31 0700 14 [D] ----- 24 [T] ----- | 1305 ----- 0130 | ----- 65 [D] ----- | 0530 | - 25 [D] - -  
----- 2015 | ----- 63 [D] ----- | 2340 ----- | 0520

DSN COVERAGE  
HPTXR

32 0920 | - - - - 43 [B] - - - - | 1200 ----- 1450 | ----- 45 [D] ----- | 0045

HPTXR

RTLTL : 14h 11m 0s

1200 RTLTL=14h 11m 0s

0000 RTLTL=14h 10m 58s

VOYAGER 2

▼ 1000 DUMMY (00:11)  
▼ 1005 CCSCAL (00:16)

FDSL : 11AF

CCSL : B027  
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: 05/14/97 - 10:45

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  
MAY 30, 1997  
150-151

☐ SCRAP/A106

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 : 18h 17m 16s

1200 RTLT=18h 17m 22s

0000 RTLT=18h 17m 26s

VOYAGER 1

FDSL : 11AF

TLC (SHORT-FORM)  
D/L - 0815

CCSL : A025  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

31 ----- 25 [D] ----- 1350 2010 ----- 63 [D] ----- 2335 25 [D] 0645

HPTXR

DSN COVERAGE

32 0850 ----- 24 [o] ----- 1205 1445 ----- 45 [D] ----- 0040

HPTXR

RTLT : 14h 10m 58s

1200 RTLT=14h 10m 58s

0000 RTLT=14h 10m 56s

VOYAGER 2

FDSL : 11AF

CCSL : B027  
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: 05/14/97 - 10:45

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  
MAY 31, 1997  
151-152

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 : 18h 17m 26s  
VOYAGER 1  
FDSL : 11AF  
CCSL : A025  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

1200 RTLTL=18h 17m 32s

0000 RTLTL=18h 17m 36s

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 25 [D] ----- | 1345

0125 | ----- 65 [D] ----- | 25 [D] 0635 | --  
| 0605

DSN COVERAGE  
HPTXR

32 0845 | ----- 24 [o] ----- | 1225

1440 | ----- 45 [D] ----- | 0040

HPTXR

RTLTL : 14h 10m 56s  
VOYAGER 2  
FDSL : 11AF  
CCSL : B027  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

1200 RTLTL=14h 10m 56s

0000 RTLTL=14h 10m 56s

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: 05/14/97 - 10:45

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  
JUNE 1, 1997  
152-153

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 : 18h 17m 36s

1200 RTLT=18h 17m 42s

0000 RTLT=18h 17m 46s

VOYAGER 1

FDSL : 11AF

CCSL : A025  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 -----25 [D] -----| 1340 2150 |-----61 [D] -----| 0230 0545 | 25 [D] |

HPTXR

DSN COVERAGE

32 0840 |-----24 [D] -----| 1225 1435 |-----45 [D] -----| 2215 0210 |-----65 [D] -----| 0600

HPTXR

RTLT : 14h 10m 56s

1200 RTLT=14h 10m 54s

0000 RTLT=14h 10m 54s

VOYAGER 2

FDSL : 11AF

CCSL : B027  
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: 05/14/97 - 10:45

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  
JUNE 2, 1997  
153-154

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 : 18h 17m 46s

1200 RTLT=18h 17m 52s

0000 RTLT=18h 17m 56s

VOYAGER 1

FDSL : 11AF

CCSL : A025  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 -----25 [D] ----- | 1340

0055 |-----61 [D] ----- | 0415 25 [D] 0630 |--

0400 - 0645 |-----24 [D] ----- |

DSN COVERAGE HPTXR

32

0840 |-----24 [o] ----- | 1215 1435 |-----45 [D] ----- | 0030

HPTXR

RTLT : 14h 10m 54s

1200 RTLT=14h 10m 54s

0000 RTLT=14h 10m 54s

VOYAGER 2

FDSL : 11AF

CCSL : B027  
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: 05/14/97 - 10:45

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  
JUNE 3, 1997  
154-155

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 : 18h 17m 56s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A025  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : OFF

1200 RTLT=18h 18m 2s | 0000 RTLT=18h 18m 8s

1439 | 1440 PWS/RH  
 1451 |----- DTR MAINT -----| 2015  
 2019 |--- TAPPOS ---| 2254

1439  
GS-4B 1440

FDS MODE	CR-5T	CR-5T
XB DATA RATE (MI)	160(32)	160(32)

31 -----25 [D]-----| 1335 | 0505 |--- 25 [D] ---

DSN COVERAGE HPTXR  
 32 1435 |----- 45 [D] -----| 0025  
 HPTXR

RTLT : 14h 10m 54s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B027  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : OFF

1200 RTLT=14h 10m 54s | 0000 RTLT=14h 10m 54s

1400 | 1401 PWS/RH  
 1538 | PLSCAL -| 1720  
 1538 |--- MAGCAL ---| 1840  
 1538 |----- PESCAL -----| 1858

1400  
GS-4B 1401

FDS MODE	CR-5T	CR-5T
XB DATA RATE (MI)	160(32)	160(32)

VOYAGER COVERAGE ----- ON CALL -----

NOTES  
 [1] S/C 32=GS-4B @ 1400 XB=2.8K(41) NOT RECOVERABLE  
 [2] S/C 31=GS-4B @ 1439 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: 05/14/97 - 10:45

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  
JUNE 4, 1997  
155-156

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 : 18h 18m 8s

1200 RTLT=18h 18m 12s

0000 RTLT=18h 18m 18s

VOYAGER 1

FDSL : 11AF

CCSL : A025  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 25 [D] ----- | 1330

1950 | ----- 63 [D] ----- | 2320

24 [T] 0650 |

0045 | ----- 61 [D] ----- | 0445

DSN COVERAGE HPTXR

32 0830 | ----- 24 [D] ----- | 1210

1430 | ----- 45 [D] ----- | 1745

HPTXR

RTLT : 14h 10m 54s

1200 RTLT=14h 10m 52s

0000 RTLT=14h 10m 52s

VOYAGER 2

↓ 1708 SLEW->HELIO-20A

SLEW->HELIO-19A 0508 ↓

FDSL : 11AF

CCSL : B027  
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: 05/14/97 - 10:45

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  
JUNE 5, 1997  
156-157

VCB/MD MTG/A106

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 : 18h 18m 18s

1200 RTLTL=18h 18m 24s

0000 RTLTL=18h 18m 30s

VOYAGER 1

▼ 1030 DUMMY (04:48)

U/L 1145 |----- TLC (SHORT-FORM) -----| D/L

FDSL : 11AF

CCSL : A025  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

----- 24 [T] ----- | 1225

1805 |----- 63 [D] -----| 2255

0505 |--- 25 [D] ---

0110 |----- 65 [D] -----| 0520

DSN COVERAGE  
HPTXR

32

0835 |----- 43 [B] -----| 1140

1430 |----- 45 [D] -----| 0020

HPTXR

1200 RTLTL=14h 10m 52s

0000 RTLTL=14h 10m 52s

RTLTL : 14h 10m 52s

VOYAGER 2

▼ 0902 DUMMY (BRACKETED 5MIN 23:13)

↓ 1708 SLEW->HELIO-18A

SLEW->HELIO-17A 0508 ↓

FDSL : 11AF

CCSL : B027  
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: 05/14/97 - 10:45

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  
JUNE 6, 1997  
157-158

☐ SCRAP/A106

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 : 18h 18m 30s

1200 RTLT=18h 18m 34s

0000 RTLT=18h 18m 40s

VOYAGER 1

-- | 0732 D/L

FDSL : 11AF

CCSL : A025  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 25 [D] ----- | 1325 1920 | ----- 61 [D] ----- | 0130 0500 | -- 25 [D] ---

HPTXR

0110 | ----- 65 [D] ----- | 0515

DSN COVERAGE

32

0845 | ----- 24 [o] ----- | 1200

1430 | ----- 45 [D] ----- | 0015

HPTXR

RTLT : 14h 10m 52s

1200 RTLT=14h 10m 52s

0000 RTLT=14h 10m 52s

VOYAGER 2

↓ 1708 SLEW->HELIO-16A

SLEW->HELIO-15A 0508 ↓

FDSL : 11AF

CCSL : B027  
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: 05/14/97 - 10:45

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  
JUNE 7, 1997  
158-159

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 : 18h 18m 40s

1200 RTLT=18h 18m 46s

0000 RTLT=18h 18m 52s

↓ 2310 SLEW->NGP

VOYAGER 1

FDSL : 11AF

CCSL : A025  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

----- 25 [D] ----- | 1320

2130 | ----- 61 [D] ----- | 0120

0455 | --- 25 [D] --- |

0105 | ----- 65 [D] ----- | 0510

DSN COVERAGE  
HPTXR

32

0845 | ----- 24 [o] ----- | 1200

1425 | ----- 45 [D] ----- | 0015

HPTXR

RTLT : 14h 10m 52s

1200 RTLT=14h 10m 52s

0000 RTLT=14h 10m 54s

↓ 1708 SLEW->HELIO-14A

SLEW->HELIO-13A 0508 ↓

VOYAGER 2

FDSL : 11AF

CCSL : B027  
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: 05/14/97 - 10:45

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  
JUNE 8, 1997  
159-160

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 : 18h 18m 52s

1200 RTLT=18h 18m 58s

0000 RTLT=18h 19m 4s

VOYAGER 1

FDSL : 11AF

CCSL : A025  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 25 [D] ----- | 1315

2130 |----- 61 [D] -----| 0115

0455 |--- 25 [D] ---|

0100 |----- 65 [D] -----| 0510

DSN COVERAGE HPTXR

32 0825 |----- 24 [D] -----| 1155

1425 |----- 45 [D] -----| 2200

HPTXR

RTLT : 14h 10m 54s

1200 RTLT=14h 10m 54s

0000 RTLT=14h 10m 54s

VOYAGER 2

↓ 1708 SLEW->HELIO-12A

SLEW->HELIO-11A 0508 ↓

FDSL : 11AF

CCSL : B027  
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