

ISSUE DATE: 07/20/00 - 11:04

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  
JULY 20, 2000  
202-203

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 : 21h 30m 10s

1200 RTLTL=21h 30m 20s

0000 RTLTL=21h 30m 32s

VOYAGER 1

FDSL : 11AF

CCSL : A036  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

S/C 31 STATUS

FDS CLOCK DRIFT:  
ADD TO S/C EVENT  
ERT: -19.438 sec

ROLLREF = RIGIL  
KENTAURUS

↓ 1246 SLEW->HELIO-14C

↓ 0046 SLEW->HELIO-15C

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

31 ----- 14 [D] ----- | 1035

1610 |----- 65 [D] ----- | 1935

2330 |----- 14 [D] -----

HPTXR  
DSN COVERAGE

32 ----- 45 [D] ----- | 2130

0545 | 45 [D] |

HPTXR

RTLTL : 16h 47m 34s

1200 RTLTL=16h 47m 40s

0000 RTLTL=16h 47m 46s

VOYAGER 2

FDSL : 11AF

CCSL : B108  
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: -35.708 sec

ROLLREF = VEGA

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: 07/20/00 - 11:04

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  
JULY 21, 2000  
203-204

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 : 21h 30m 32s

1200 RTLT=21h 30m 42s

0000 RTLT=21h 30m 52s

VOYAGER 1

↓ 1246 SLEW->HELIO-16C

↓ 0046 SLEW->HELIO-17C

FDSL : 11AF

CCSL : A036  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

31 --- 14 [D] --- | 0905 0845 | 15 [D] - | 1015 0220 |----- 15 [D] -----

0845 | 15 [D] - | 1015

2000 |----- 65 [D] ----- | 0235

DSN COVERAGE  
HPTXR

32 --- 45 [D] --- | 0935 0920 |----- 34 [D] ----- | 1405 1345 |----- 43 ----- | 1705 34 [o] 0615 |---

0920 |----- 34 [D] ----- | 1405

1345 |----- 43 ----- | 1705

HPTXR

RTLT : 16h 47m 46s

1200 RTLT=16h 47m 52s

0000 RTLT=16h 47m 58s

VOYAGER 2

▼ 1632 DUMMY (5 MIN BRACKETED 9:20)

FDSL : 11AF

CCSL : B108  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

▼ 1438 MRO MINI-SEQ U/L (07:26)

▼ 1512 CCSTIM F/C (08:00)

▼ 1542 CCSCAL (08:30)

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

VOYAGER COVERAGE

----- ON CALL ----- +----- VGR ----- |----- ON CALL ----- 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: 07/20/00 - 11:04

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  
JULY 22, 2000  
204-205

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 : 21h 30m 52s

1200 | RTLTL=21h 31m 2s

0000 | RTLTL=21h 31m 12s

VOYAGER 1

↓ 1246 SLEW->HELIO-18C

↓ 0046 SLEW->HELIO-19C

FDSL : 11AF

CCSL : A036  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

31 ----- 15 [D] ----- | 1010

1605 |----- 65 [D] ----- | 0015 |----- 14 [D] ----- | 0035

DSN COVERAGE  
HPTXR

32 ----- 34 [o] ----- | 2110

HPTXR

RTLTL : 16h 47m 58s

1200 | RTLTL=16h 48m 4s

0000 | RTLTL=16h 48m 10s

VOYAGER 2

\*  
| 0731 - 0751 CCS CHECKSUM

FDSL : 11AF

\*  
0800 | - | 0832 CCSTIM F/C

CCSL : B108  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

\*  
0830 | | 0835 CCSCAL

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

VOYAGER COVERAGE

----- 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: 07/20/00 - 11:04

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  
JULY 23, 2000  
205-206

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 : 21h 31m 12s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A036  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : OFF

1200 RTLTL=21h 31m 22s  
 0000 RTLTL=21h 31m 32s

↓ 1246 SLEW->HELIO-20C

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

DSN COVERAGE

HPTXR 31 -- 14 [D] -- | 0850  
 0830 | - 15 [D] - | 1010  
 1835 | - - - - - 54 [D] - - - - - | 2315  
 2350 | - - - - - 14 [D] - - - - -

HPTXR 32 1045 | - - - - - 43 [o] - - - - - | 1630  
 1610 | - - - - - 34 [o] - - - - - | 2110  
 45 [D] 0630 | - - - - -

RTLTL : 16h 48m 10s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B108  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : OFF

1200 RTLTL=16h 48m 16s  
 0000 RTLTL=16h 48m 22s

FDS MODE CR-5T  
 XB DATA RATE (MI) 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: 07/20/00 - 11:04

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  
JULY 24, 2000  
206-207

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 : 21h 31m 32s

1200 RTLTL=21h 31m 42s

0000 RTLTL=21h 31m 52s

TLC (SHORT-FORM)  
U/L 0500 | - | - - - - - |

VOYAGER 1

FDSL : 11AF

▼ 2100 DUMMY (18:32)

CCSL : A036  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

31 14 [D] | 0815

1555 | - - - - - 65 [D] - - - - - | 1925

1915 | - - - - - 54 - - - - - | 0005

2345 | - - - - - 14 [T] - - - - - |

DSN COVERAGE  
HPTXR

32

45 [D] - - - - - | 2045

45 [D] 0630 | - - - - - |

HPTXR

RTLTL : 16h 48m 22s

1200 RTLTL=16h 48m 28s

0000 RTLTL=16h 48m 34s

VOYAGER 2

FDSL : 11AF

CCSL : B108  
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: 07/20/00 - 11:04

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  
JULY 25, 2000  
207-208

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 : 21h 31m 52s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A036  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : OFF

1200 RTLTL=21h 32m 4s | 0000 RTLTL=21h 32m 14s

1152 | 1153 PWS/RH

1152 GS-4B | 1153

TLC (SHORT-FORM) | D/L -| 0400

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

31 -- 14 [T] -- | 0845 | 1550 | ----- 65 [D] ----- | 0005 | 0215 | ----- 25 [D] -----

DSN COVERAGE HPTXR

32 ----- 45 [D] ----- | 2045 | 43 [D] 0700

HPTXR

RTLTL : 16h 48m 34s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B108  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : OFF

1200 RTLTL=16h 48m 40s | 0000 RTLTL=16h 48m 48s

1053 | 1054 PWS/RH

1053 GS-4B | 1054

1207 | PLSCAL -| 1349  
 1207 | ---- MAGCAL ---- | 1509  
 1207 | ---- PESCAL ---- | 1527

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 @ 1053 XB=2.8K(41) NOT RECOVERABLE  
 [2] S/C 31=GS-4B @ 1152 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: 07/20/00 - 11:04

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  
JULY 26, 2000  
208-209

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 : 21h 32m 14s

1200 RTLT=21h 32m 24s

0000 RTLT=21h 32m 34s

VOYAGER 1

FDSL : 11AF

CCSL : A036  
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] --- | 0900

1605 |----- 65 [D] -----| 2345 |----- 14 [D] -----| 0005

DSN COVERAGE  
HPTXR

32 ----- 43 [D] ----- | 0700 - 1625

1605 |----- 45 [D] -----| 2110

HPTXR

1200 RTLT=16h 48m 54s

0000 RTLT=16h 49m 0s

RTLT : 16h 48m 48s

VOYAGER 2

FDSL : 11AF

CCSL : B108  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

1446 | | 1505 AACS MRO

1506 | | 1517 CCS MRO

1517 | | 1530 FDS MRO

1431 1530

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

EH12

1.2K

(MI=30)

VGR

CR-5T

160(32)

VOYAGER COVERAGE

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

|----- 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: 07/20/00 - 11:04

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  
JULY 27, 2000  
209-210

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 : 21h 32m 34s

1200 RTLT=21h 32m 46s

0000 RTLT=21h 32m 56s

VOYAGER 1

FDSL : 11AF

CCSL : A036  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 -- 14 [D] - | 0840

1600 |

65 [D]

2330 |

----- 15 [D] -----

| 2350

DSN COVERAGE HPTXR

32

0945 |

----- 34 [o] -----

| 1615

45 [D] 0620 |

HPTXR

RTLT : 16h 49m 0s

1200 RTLT=16h 49m 6s

0000 RTLT=16h 49m 14s

VOYAGER 2

FDSL : 11AF

CCSL : B108  
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: 07/20/00 - 11:04

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  
JULY 28, 2000  
210-211

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 : 21h 32m 56s

1200 RTLT=21h 33m 6s

0000 RTLT=21h 33m 18s

VOYAGER 1

↓ 0059 GYROS AB ON

↓ 0100 GYRO INIT

↓ 0109 GYRO FAULT TEST

FDSL : 11AF

0214 || 0220 CCSTIM (B)

CCSL : A036  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 15 [D] ----- | 0950

1720 |----- 65 [D] ----- | 0205

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

DSN COVERAGE  
HPTXR

32 ----- 45 [D] ----- | 1120

1105 |----- 43 [B] ----- | 1615

45 [D] 0620 |-----

HPTXR

1200 RTLT=16h 49m 20s

0000 RTLT=16h 49m 26s

RTLT : 16h 49m 14s

VOYAGER 2

▼ 1537 DUMMY (5 MIN BRACKETED 8:27)

FDSL : 11AF

CCSL : B108  
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 ----- + -- 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: 07/20/00 - 11:04

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  
JULY 29, 2000  
211-212

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 : 21h 33m 18s

1200 RTLT=21h 33m 28s

0000 RTLT=21h 33m 38s

↓ 0247 SLEW->HELIO-1A

VOYAGER 1

FDSL : 11AF

CCSL : A036  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : ON

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 --- 15 [D] --- | 0945

1535 |----- 65 [D] -----| 0145 |----- 15 [D] -----| 0200

DSN COVERAGE  
HPTXR

32 ----- 45 [D] ----- | 1355

45 [D] 0620 |-----

HPTXR

RTLT : 16h 49m 26s

1200 RTLT=16h 49m 34s

0000 RTLT=16h 49m 40s

VOYAGER 2

FDSL : 11AF

CCSL : B108  
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: 07/20/00 - 11:04

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  
JULY 30, 2000  
212-213

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 : 21h 33m 38s

1200 RTLT=21h 33m 50s

0000 RTLT=21h 34m 0s

VOYAGER 1

↓ 1448 SLEW->HELIO-2A

↓ 0248 SLEW->HELIO-3A

FDSL : 11AF

CCSL : A036  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : ON

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 --- 15 [D] --- 0940

1630 |----- 54 [D] -----| 2245

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

DSN COVERAGE  
HPTXR

32 ----- 45 [D] ----- | 2045

34 [o] 0645 |

HPTXR

RTLT : 16h 49m 40s

1200 RTLT=16h 49m 48s

0000 RTLT=16h 49m 54s

VOYAGER 2

FDSL : 11AF

CCSL : B108  
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: 07/20/00 - 11:04

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  
JULY 31, 2000  
213-214

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 : 21h 34m 0s

1200 RTLT=21h 34m 12s

0000 RTLT=21h 34m 22s

VOYAGER 1

↓ 1448 SLEW->HELIO-4A

↓ 0248 SLEW->HELIO-5A

FDSL : 11AF

CCSL : A036  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : ON

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 --- 15 [D] --- 0935

2000 |----- 63 [D] -----| 2305 |----- 25 [D] -----| 0005

DSN COVERAGE  
HPTXR

32 ----- 34 [o] ----- | 1515

45 [D] 0630 |-----

HPTXR

RTLT : 16h 49m 54s

1200 RTLT=16h 50m 2s

0000 RTLT=16h 50m 8s

VOYAGER 2

FDSL : 11AF

CCSL : B108  
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: 07/20/00 - 11:04

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  
AUGUST 1, 2000  
214-215

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 : 21h 34m 22s  
VOYAGER 1  
FDSL : 11AF  
CCSL : A036  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : ON

1200 RTLT=21h 34m 32s  
0000 RTLT=21h 34m 44s

1129 | 1130 PWS/RH  
1129 GS-4B 1130

▼ 2100 DUMMY (18:35)  
↓ 1448 SLEW->HELIO-6A  
↓ 0248 SLEW->HELIO-7A  
↓ 0200 GYRO INIT

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

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

DSN COVERAGE

31 --- 25 [D] --- | 0915  
1605 | - - - - - 63 [T] - - - - - 0125 | - - - - - 24 [D] - - - - -  
HPTXR

32 --- 45 [D] --- | 1305  
1245 | - - - - - 43 [D] - - - - - | 1605  
HPTXR

RTLT : 16h 50m 8s  
VOYAGER 2  
FDSL : 11AF  
CCSL : B108  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

1200 RTLT=16h 50m 16s  
0000 RTLT=16h 50m 24s

1030 | 1031 PWS/RH  
1030 GS-4B 1031

FDS MODE 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 @ 1030 XB=2.8K(41) NOT RECOVERABLE  
[2] S/C 31=GS-4B @ 1129 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: 07/20/00 - 11:04

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  
AUGUST 2, 2000  
215-216

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 : 21h 34m 44s

1200 RTLT=21h 34m 54s

0000 RTLT=21h 35m 6s

VOYAGER 1

↓ 1448 SLEW->HELIO-8A

↓ 0248 SLEW->HELIO-9A

FDSL : 11AF

----- TLC (SHORT-FORM) ----- | D/L -| 2200

CCSL : A036  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : ON

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 --- 24 [D] --- | 0900

1600 |----- 63 [D] -----| 0230

0210 |----- 25 [D] -----

DSN COVERAGE  
HPTXR

32 1030 |----- 34 [o] -----| 2030

HPTXR

RTLT : 16h 50m 24s

1200 RTLT=16h 50m 30s

0000 RTLT=16h 50m 38s

VOYAGER 2

FDSL : 11AF

CCSL : B108  
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: 07/20/00 - 11:04

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  
AUGUST 3, 2000  
216-217

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 : 21h 35m 6s

1200 RTLT=21h 35m 16s

0000 RTLT=21h 35m 28s

VOYAGER 1

↓ 1448 SLEW->HELIO-10A

↓ 0248 SLEW->MIDPT-A

FDSL : 11AF

CCSL : A036  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : ON

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 --- 25 [D] --- 0910

1600 |----- 63 [D] -----| 0000

2340 |----- 14 [D] -----|

DSN COVERAGE  
HPTXR

32 |----- 43 [B] -----|

0745 - 1600

34 [D] 0655 |

1530 |----- 45 [D] -----| 2040

HPTXR

1200 RTLT=16h 50m 46s

0000 RTLT=16h 50m 52s

RTLT : 16h 50m 38s

VOYAGER 2

▼ 1442 DUMMY (5 MIN BRACKETED 7:13)

FDSL : 11AF

CCSL : B108  
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: 07/20/00 - 11:04

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  
AUGUST 4, 2000  
217-218

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 : 21h 35m 28s

1200 RTLT=21h 35m 38s

0000 RTLT=21h 35m 50s

↓ 0211 AAI

0214 |----- MAGROL -----

VOYAGER 1

FDSL : 11AF

CCSL : A036  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : ON

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 14 [D] ----- | 0950

1415 |----- 63 [D] ----- | 2330 |----- 14 [D] ----- | 0000

DSN COVERAGE  
HPTXR

32 ----- 34 [D] ----- | 1015

1330 |----- 34 [o] ----- | 2005

0430 |----- 45 [D] -----

HPTXR

RTLT : 16h 50m 52s

1200 RTLT=16h 51m 0s

0000 RTLT=16h 51m 8s

VOYAGER 2

FDSL : 11AF

CCSL : B108  
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 -----

NOTES

[1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0214-0809)

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: 07/20/00 - 11:04

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  
AUGUST 5, 2000  
218-219

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 : 21h 35m 50s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A036  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : ON

1200 RTLT=21h 36m 2s  
 0000 RTLT=21h 36m 12s

↓ 0809 MAGROL  
 ↓ 0802 RAI  
 ↓ 0809 CRU  
 ↓ 0809 GYROS OFF

↓ 1449 SLEW->HELIO-11A  
 ↓ 0249 SLEW->HELIO-12A

FDS MODE  
 XB DATA RATE (MI)

CR-5T  
 160(32)

DSN COVERAGE

HPTXR  
 31 --- 14 [D] --- 0945  
 1410 |----- 63 [D] ----- 2245 |----- 14 [D] -----  
 2305

HPTXR  
 32 --- 45 [D] --- 1220  
 1210 |----- 43 [o] ----- 1555  
 0515 |----- 45 [D] -----

RTLT : 16h 51m 8s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B108  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : OFF

1200 RTLT=16h 51m 16s  
 0000 RTLT=16h 51m 24s

FDS MODE  
 XB DATA RATE (MI)

CR-5T  
 160(32)

VOYAGER COVERAGE -- VGR -- |----- ON CALL -----

NOTES [1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0214-0809)

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: 07/20/00 - 11:04

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  
AUGUST 6, 2000  
219-220

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 : 21h 36m 12s

1200 RTLT=21h 36m 24s

0000 RTLT=21h 36m 34s

VOYAGER 1

↓ 1449 SLEW->HELIO-13A

↓ 0249 SLEW->HELIO-14A

FDSL : 11AF

CCSL : A036  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 14 [D] - 0830

1405

2225

2225

15 [D]

DSN COVERAGE  
HPTXR

32

45 [D]

2025

34 [D] 0630

HPTXR

RTLT : 16h 51m 24s

1200 RTLT=16h 51m 32s

0000 RTLT=16h 51m 38s

VOYAGER 2

FDSL : 11AF

CCSL : B108  
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