

ISSUE DATE: 04/03/02 - 07:46

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  
APRIL 4, 2002  
094-095

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 : 23h 14m 50s

1200 RTLTL=23h 14m 50s

0000 RTLTL=23h 14m 48s

↓ 0238 SLEW->HELIO-17C

VOYAGER 1

S/C 31 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:  
ADD TO S/C EVENT  
ERT: -23:860 sec

CCSL : A042  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

ROLLREF = RIGIL  
KENTAURUS

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

1000 |-----25 [D]-----| 1640

15 [D] 0710 |-----

HPTXR  
DSN COVERAGE

32

1240 |-----43 [B]-----| 2310

HPTXR

RTLTL : 18h 31m 16s

1200 RTLTL=18h 31m 12s

0000 RTLTL=18h 31m 10s

VOYAGER 2

S/C 32 STATUS

FDSL : 11AF

▼ 1947 DUMMY (5 MIN BRACKETED 14:19)

CCSL : B115  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .05/ .05  
GYROS : AB ON

FDS CLOCK DRIFT:  
ADD TO S/C EVENT  
ERT: -1:45.465 sec

ROLLREF = VEGA

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

VOYAGER COVERAGE

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

----- VGR -----

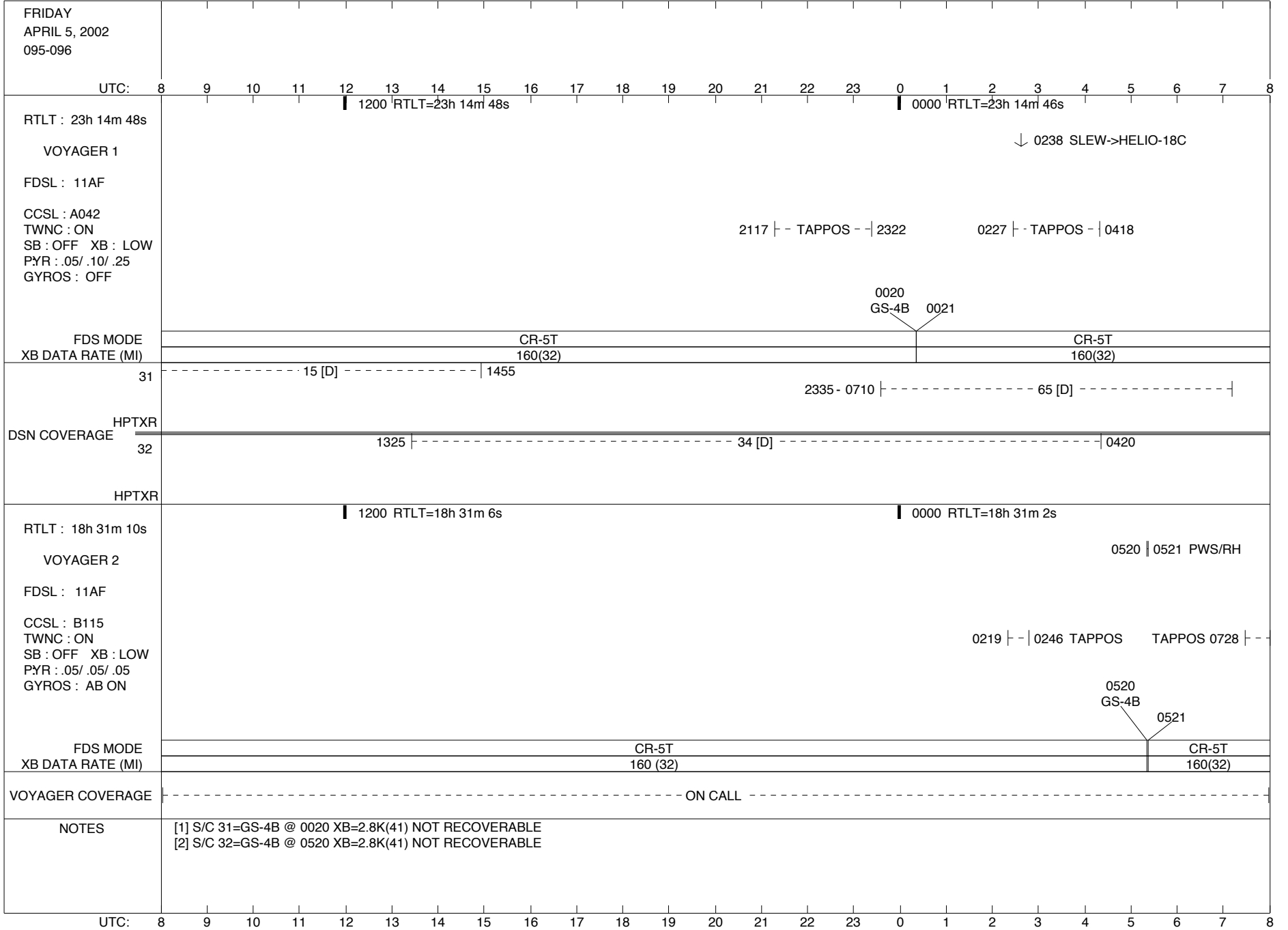
----- ON CALL -----

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: 04/03/02 - 07:46

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: 04/03/02 - 07:46

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  
APRIL 6, 2002  
096-097

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 : 23h 14m 46s

1200 RTLT=23h 14m 46s

0000 RTLT=23h 14m 44s

↓ 0238 SLEW->HELIO-19C

VOYAGER 1

FDSL : 11AF

CCSL : A042  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

1430 |--- 15 [D] ---| 1650

25 [D] 0720 |---

1630 |----- 45 [D] -----| 2045

2345 - 0710 |----- 65 [D] -----|

DSN COVERAGE  
HPTXR

32

1320 |----- 34 [D] -----| 2115

HPTXR

RTLT : 18h 31m 2s

1200 RTLT=18h 31m 0s

0000 RTLT=18h 30m 56s

VOYAGER 2

FDSL : 11AF

CCSL : B115  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .05/ .05  
GYROS : AB ON

| 0809 TAPPOS

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: 04/03/02 - 07:46

PST: 0 1 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0

SUNDAY  
APRIL 7, 2002  
097-098

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

RTLT : 23h 14m 44s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A042  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : OFF

1200 RTLT=23h 14m 44s  
 0000 RTLT=23h 14m 42s  
 ↓ 0238 SLEW->HELIO-20C

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

31 ----- 25 [D] ----- 1630 ----- 0030 ----- 65 [D] -----

DSN COVERAGE HPTXR

32 ----- 1330 ----- 43 [o] ----- 0220 -----

HPTXR

RTLT : 18h 30m 56s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B115  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .05/ .05  
 GYROS : AB ON

1200 RTLT=18h 30m 52s  
 0000 RTLT=18h 30m 48s  
 ↓ 1759 GYRO INIT

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

ISSUE DATE: 04/03/02 - 07:46

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  
APRIL 8, 2002  
098-099

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 : 23h 14m 42s

1200 RTLT=23h 14m 42s

0000 RTLT=23h 14m 40s

VOYAGER 1

FDSL : 11AF

CCSL : A042  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

31 | 0710 65 [D]

1115 | ----- 15 [D] ----- | 1650

0020 | ----- 54 [D] ----- | 0555

DSN COVERAGE  
HPTXR

32

1235 | ----- 45 [D] ----- | 2310

HPTXR

RTLT : 18h 30m 48s

1200 RTLT=18h 30m 46s

0000 RTLT=18h 30m 42s

VOYAGER 2

FDSL : 11AF

CCSL : B115  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .05/ .05  
GYROS : AB ON

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: 04/03/02 - 07:46

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  
APRIL 9, 2002  
099-100

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 : 23h 14m 40s

1200 RTLTL=23h 14m 40s

0000 RTLTL=23h 14m 40s

VOYAGER 1

1755 | 1756 PWS/RH

FDSL : 11AF

CCSL : A042  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

1756  
GS-4B 1756

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

CR-5T  
160(32)

31

25 [D] 0710 - 1630

2335 65 [D]

15 [D] 0650

DSN COVERAGE  
HPTXR

32

1220 43 [D] 2310

HPTXR

RTLTL : 18h 30m 42s

1200 RTLTL=18h 30m 38s

0000 RTLTL=18h 30m 36s

VOYAGER 2

1656 | 1657 PWS/RH

1707 DTR MAINT 2234

FDSL : 11AF

CCSL : B115  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .05/ .05  
GYROS : AB ON

2235 TAPPOS 0110

1656  
GS-4B 1657

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

CR-5T  
160(32)

VOYAGER COVERAGE

ON CALL

NOTES

- [1] S/C 32=GS-4B @ 1656 XB=2.8K(41) NOT RECOVERABLE
- [2] S/C 31=GS-4B @ 1756 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: 04/03/02 - 07:46

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  
APRIL 10, 2002  
100-101

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 : 23h 14m 40s

1200 RTLT=23h 14m 38s

0000 RTLT=23h 14m 38s

VOYAGER 1

FDSL : 11AF

CCSL : A042  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 0705 65 [D]

----- 15 [D] ----- | 1340

2330 |----- 65 [D] -----

DSN COVERAGE  
HPTXR

32

1225 |----- 43 [B] ----- | 1825

HPTXR

RTLT : 18h 30m 36s

1200 RTLT=18h 30m 32s

0000 RTLT=18h 30m 28s

VOYAGER 2

FDSL : 11AF

CCSL : B115  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .05/ .05  
GYROS : AB ON

▼ 1752 DUMMY (5 MIN BRACKETED 12:23)

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: 04/03/02 - 07:46

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  
APRIL 11, 2002  
101-102

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 : 23h 14m 38s

1200 RTLT=23h 14m 36s

0000 RTLT=23h 14m 36s

VOYAGER 1

U/L 1955 | - | - - - - - TLC SHORT-FORM - - - - -

FDSL : 11AF

▼ 1800 DUMMY (17:15)

CCSL : A042  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

31 0705 65 [D] 2310- 0615 | - - - - - 65 [D] - - - - -  
0810 | - - - - - 14 [D] - - - - - | 1445  
1440 | - - - - - 43 [T] - - - - - | 2220 15 [D] 0645 | -

DSN COVERAGE  
HPTXR

32 1225 | - - - - - 45 [D] - - - - - | 2310  
HPTXR

RTLT : 18h 30m 28s

1200 RTLT=18h 30m 26s

0000 RTLT=18h 30m 22s

VOYAGER 2

↓ 1759 GYRO INIT

FDSL : 11AF

CCSL : B115  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .05/ .05  
GYROS : AB ON

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: 04/03/02 - 07:46

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

<p>FRIDAY APRIL 12, 2002 102-103</p>	
<p>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</p> <p>RTLTL : 23h 14m 36s</p> <p>VOYAGER 1</p> <p>FDSL : 11AF</p> <p>CCSL : A042 TWNC : ON SB : OFF XB : LOW PYR : .05/ .10/ .25 GYROS : OFF</p> <p>FDS MODE XB DATA RATE (MI)</p>	<p>1200   RTLTL=23h 14m 36s</p> <p>0000   RTLTL=23h 14m 36s</p> <p>----- TLC SHORT-FORM -----   D/L -   2037</p> <p>2053   TAPPOS -   2230</p> <p>0203   TAPPOS   0326</p> <p>2356 GS-4B 2357</p> <p>CR-5T CR-5T</p> <p>160(32) 160(32)</p>
<p>31</p> <p>DSN COVERAGE</p> <p>HPTXR</p> <p>32</p> <p>HPTXR</p>	<p>15 [D] -----   1215</p> <p>1425   ----- 43 [D] -----   2040</p> <p>2315 - 0610   ----- 65 [D] -----  </p> <p>1255   ----- 34 [D] -----   2130</p> <p>25 [D] 0650  </p>
<p>RTLTL : 18h 30m 22s</p> <p>VOYAGER 2</p> <p>FDSL : 11AF</p> <p>CCSL : B115 TWNC : ON SB : OFF XB : LOW PYR : .05/ .05/ .05 GYROS : AB ON</p> <p>FDS MODE XB DATA RATE (MI)</p>	<p>1200   RTLTL=18h 30m 18s</p> <p>0000   RTLTL=18h 30m 16s</p> <p>PWS/RH 0456   0457</p> <p>0154   ----   0249 TAPPOS</p> <p>0456 GS-4B 0457</p> <p>CR-5T CR-5T</p> <p>160(32) 160(32)</p>
<p>VOYAGER COVERAGE</p>	<p>----- ON CALL -----</p>
<p>NOTES</p>	<p>[1] S/C 31=GS-4B @ 2356 XB=2.8K(41) NOT RECOVERABLE</p> <p>[2] S/C 32=GS-4B @ 0456 XB=2.8K(41) NOT RECOVERABLE</p>

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: 04/03/02 - 07:46

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  
APRIL 13, 2002  
103-104

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 : 23h 14m 36s

1200 RTLT=23h 14m 34s

0000 RTLT=23h 14m 34s

VOYAGER 1

FDSL : 11AF

CCSL : A042  
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] ----- | 1605

2315 - 0700 |

----- 65 [D] -----

15 [D] 0640 |

DSN COVERAGE  
HPTXR

32

1545 |

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

| 0350

HPTXR

RTLT : 18h 30m 16s

1200 RTLT=18h 30m 12s

0000 RTLT=18h 30m 8s

VOYAGER 2

FDSL : 11AF

CCSL : B115  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .05/ .05  
GYROS : AB ON

----- | 0704 - 0812 TAPPOS

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: 04/03/02 - 07:46

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  
APRIL 14, 2002  
104-105

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 : 23h 14m 34s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A042  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : OFF

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

1200 RTLT=23h 14m 34s 0000 RTLT=23h 14m 34s

DSN COVERAGE HPTXR

31 0700 65 [D] 15 [D] 1320 2310- 0700 65 [D] 25 [D] 0630

1300 43 [D] 1710

32 1210 45 [D] 0015

HPTXR

RTLT : 18h 30m 8s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B115  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .05/ .05  
 GYROS : AB ON

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

1200 RTLT=18h 30m 6s 0000 RTLT=18h 30m 2s

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: 04/03/02 - 07:46

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  
APRIL 15, 2002  
105-106

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 : 23h 14m 34s

1200 RTLT=23h 14m 34s

0000 RTLT=23h 14m 32s

VOYAGER 1

↓ 2047 BEGIN SEQUENCE A043

FDSL : 11AF

U/L 0200 | - | - - - TLC (SHORT-FORM) - - - -

CCSL : A042  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

▼ 2345 DUMMY (23:00)

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

31 ----- 25 [D] ----- | 1610 ----- 15 [D] 0630 | - - -  
0700 65 [D] ----- 2200 - 0625 | - 63 [T] ----- |

DSN COVERAGE  
HPTXR

32 ----- 1245 | - | 1715

HPTXR

1655 | - | 2145

RTLT : 18h 30m 2s

1200 RTLT=18h 29m 58s

0000 RTLT=18h 29m 56s

VOYAGER 2

↓ 1759 GYRO INIT

FDSL : 11AF

CCSL : B115  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .05/ .05  
GYROS : AB ON

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: 04/03/02 - 07:46

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  
APRIL 16, 2002  
106-107

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 : 23h 14m 32s

1200 RTLTL=23h 14m 32s 0000 RTLTL=23h 14m 32s

VOYAGER 1

1731 | 1732 PWS/RH

FDSL : 11AF

----- TLC (SHORT-FORM) ----- + D/L -| 0243

CCSL : A043  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

1731  
GS-4B 1732

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

CR-5T  
160(32)

31

----- 15 [D] ----- | 1610 ----- 2300 | ----- 65 [D] ----- | 0600

DSN COVERAGE  
HPTXR

32

1415 | ----- 43 [B] ----- | 2305

HPTXR

RTLTL : 18h 29m 56s

1200 RTLTL=18h 29m 52s 0000 RTLTL=18h 29m 48s

VOYAGER 2

1632 | 1633 PWS/RH

FDSL : 11AF

▼ 2047 DUMMY (5 MIN BRACKETED 15:17)

CCSL : B115  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .05/ .05  
GYROS : AB ON

1632  
GS-4B 1633

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 @ 1632 XB=2.8K(41) NOT RECOVERABLE  
[2] S/C 31=GS-4B @ 1731 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: 04/03/02 - 07:46

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  
APRIL 17, 2002  
107-108

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 : 23h 14m 32s

1200 RTLT=23h 14m 32s

0000 RTLT=23h 14m 32s

VOYAGER 1

FDSL : 11AF

CCSL : A043  
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]

1610

0000

54 [D]

DSN COVERAGE  
HPTXR

32

1235

34 [D]

2145

HPTXR

RTLT : 18h 29m 48s

1200 RTLT=18h 29m 46s

0000 RTLT=18h 29m 42s

VOYAGER 2

FDSL : 11AF

CCSL : B115  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .05/ .05  
GYROS : AB ON

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: 04/03/02 - 07:46

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  
APRIL 18, 2002  
108-109

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 : 23h 14m 32s

1200 RTLT=23h 14m 32s

0000 RTLT=23h 14m 32s

VOYAGER 1

FDSL : 11AF

CCSL : A043  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

31 | 0725 54 [D] | 15 [D] 0635 |

----- 25 [D] ----- | 0705 - 1550

2255 - 0655 | ----- 65 [D] ----- |

HPTXR  
DSN COVERAGE

32 | 1155 | ----- 45 [D] ----- | 0250

HPTXR

RTLT : 18h 29m 42s

1200 RTLT=18h 29m 40s

0000 RTLT=18h 29m 36s

2301 | ----- COMMAND MORATORIUM ----- |

VOYAGER 2

FDSL : 11AF

CCSL : B115  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .05/ .05  
GYROS : AB ON

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: 04/03/02 - 07:46

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  
APRIL 19, 2002  
109-110

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 : 23h 14m 32s

1200 RTLT=23h 14m 32s

0000 RTLT=23h 14m 32s

VOYAGER 1

FDSL : 11AF

CCSL : A043  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

2029 | - - - - | 2139 TAPPOS

0139 | - - - - | 0235 TAPPOS

2331  
GS-4B 2332

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

CR-5T  
160(32)

31 ----- 15 [D] ----- | 1605

2240 | - - - - - - - - - - 65 [D] - - - - - - - - - - | 0555

DSN COVERAGE  
HPTXR

32 ----- 1150 | - - - - - - - - - - 45 [D] - - - - - - - - - - | 0330

HPTXR

RTLT : 18h 29m 36s

1200 RTLT=18h 29m 32s

0000 RTLT=18h 29m 30s

----- COMMAND MORATORIUM ----- | 2231

VOYAGER 2

- ↓ 1700 GYROS BC ON
- ↓ 1701 GYRO INIT
- ↓ 1710 GYRO FAULT TEST

TAPPOS 0640 | -

FDSL : 11AF

CCSL : B115  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .05/ .05  
GYROS : AB ON

0431 | 0432 PWS/RH

0130 | - - - - | 0225 TAPPOS

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

CR-5T  
160(32)

0432  
GS-4B 0432

VOYAGER COVERAGE

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

NOTES

- [1] S/C 31=GS-4B @ 2331 XB=2.8K(41) NOT RECOVERABLE
- [2] S/C 32=GS-4B @ 0432 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: 04/03/02 - 07:46

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  
APRIL 20, 2002  
110-111

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 : 23h 14m 32s

1200 RTLT=23h 14m 32s

0000 RTLT=23h 14m 32s

VOYAGER 1

FDSL : 11AF

CCSL : A043  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

0810 |----- 15 [D] -----| 1600

2250 - 0650 |----- 65 [D] -----|

DSN COVERAGE  
HPTXR

32

1225 |----- 34 [O] -----| 0155

HPTXR

RTLT : 18h 29m 30s

1200 RTLT=18h 29m 26s

0000 RTLT=18h 29m 22s

VOYAGER 2

---|0748 TAPPOS

FDSL : 11AF

CCSL : B115  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .05/ .05  
GYROS : BC ON

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: 04/03/02 - 07:46

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  
APRIL 21, 2002  
111-112

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 : 23h 14m 32s

1200 RTLT=23h 14m 32s

0000 RTLT=23h 14m 32s

VOYAGER 1

FDSL : 11AF

CCSL : A043  
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] ----- 0735- 1515

15 [D] 0605 -----

DSN COVERAGE  
HPTXR

32

1130 ----- 45 [D] ----- 2330

HPTXR

RTLT : 18h 29m 22s

1200 RTLT=18h 29m 20s

0000 RTLT=18h 29m 16s

VOYAGER 2

FDSL : 11AF

CCSL : B115  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .05/ .05  
GYROS : BC ON

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