

ISSUE DATE: 06/09/99 - 07:12

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 10, 1999  
161-162

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 : 20h 19m 18s

1200 RTLTL=20h 19m 24s

0000 RTLTL=20h 19m 28s

VOYAGER 1

↓ 0710 SLEW->HELIO-7A

----- TLC (SHORT-FORM) ----- + D/L -| 2047

FDSL : 11AF

S/C 31 STATUS

↓ 1910 SLEW->HELIO-6A

CCSL : A031  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS CLOCK DRIFT:  
ADD TO S/C EVENT  
ERT: -17.130 sec

ROLLREF = RIGIL  
KENTAURUS

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160 (32)

31 ----- 14 [D] ----- | 1330 1750 |----- 63 [D] ----- | 0140 24 [D] 0605 |-----

DSN COVERAGE

HPTXR

32

0810 |----- 43 [D] ----- | 1625 1625 |----- 45 [D] ----- | 2325

HPTXR

RTLTL : 15h 52m 16s

1200 RTLTL=15h 52m 16s

2043 |----- 0000 RTLTL=15h 52m 18s

COMMAND MORATORIUM -----

VOYAGER 2

FDSL : 11AF

S/C 32 STATUS

CCSL : B103  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS CLOCK DRIFT:  
ADD TO S/C EVENT  
ERT: 7.726 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: 06/09/99 - 07:12

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 11, 1999  
162-163

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 : 20h 19m 28s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A031  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : OFF

↓ 0710 SLEW->HELIO-5A  
 ↓ 1910 SLEW->HELIO-4A

1200 RTLT=20h 19m 34s  
 0000 RTLT=20h 19m 42s

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

31 -----24 [D]-----|1215  
 1745 |-----63 [D]-----|0145  
 0545 |24 [D] |

HPTXR  
 DSN COVERAGE  
 32 0805 |-----43 [D]-----|1625  
 1610 |-----42 [D]-----|2155

HPTXR

RTLT : 15h 52m 18s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B103  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : OFF

1200 RTLT=15h 52m 18s  
 0000 RTLT=15h 52m 18s

-----COMMAND MORATORIUM-----

↓ 1206 GYRO INIT  
 ↓ 1206 GYROS AB ON  
 ↓ 1216 GYRO FAULT TEST  
 1309 || 1316 CCSTIM(B)

FDS MODE CR-5T  
 XB DATA RATE (MI) 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: 06/09/99 - 07:12

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 12, 1999  
163-164

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 : 20h 19m 42s

1200 RTLT=20h 19m 48s

0000 RTLT=20h 19m 54s

VOYAGER 1

↓ 0710 SLEW->HELIO-3A

↓ 1911 SLEW->HELIO-2A

FDSL : 11AF

CCSL : A031  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160 (32)

31 ----- 24 [D] ----- | 1230

2100 |----- 63 [D] ----- | 0345 |----- 24 [D] -----  
| 0325

DSN COVERAGE  
HPTXR

32 0800 |----- 43 [D] ----- | 1620

1705 |----- 34 [o] ----- | 0000

HPTXR

RTLT : 15h 52m 18s

1200 RTLT=15h 52m 20s

0000 RTLT=15h 52m 20s

----- COMMAND MORATORIUM ----- | 2013

VOYAGER 2

FDSL : 11AF

CCSL : B103  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : 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: 06/09/99 - 07:12

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 13, 1999  
164-165

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 : 20h 19m 54s

1200 RTLT=20h 20m 0s

0000 RTLT=20h 20m 6s

VOYAGER 1

↓ 0711 SLEW->HELIO-1A

FDSL : 11AF

CCSL : A031  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

31

----- 24 [D] ----- | 1230

2130 |----- 54 [D] ----- | 0520 |----- 24 [D] ----- |

DSN COVERAGE  
HPTXR

32

0900 |----- 43 [D] ----- | 1615

1635 |----- 34 [D] ----- | 2255

HPTXR

RTLT : 15h 52m 20s

1200 RTLT=15h 52m 20s

0000 RTLT=15h 52m 22s

VOYAGER 2

FDSL : 11AF

CCSL : B103  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : 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: 06/09/99 - 07:12

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 14, 1999  
165-166

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 : 20h 20m 6s

1200 RTLT=20h 20m 12s

0000 RTLT=20h 20m 18s

VOYAGER 1

FDSL : 11AF

CCSL : A031  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

31 ----- 24 [D] ----- | 1230

1735 |----- 63 [D] -----| 0120  
0110 |----- 14 [D] -----| 0400

0545 | 24 [D] |

DSN COVERAGE  
HPTXR

32

1645 |----- 45 [D] -----| 0010

HPTXR

RTLT : 15h 52m 22s

1200 RTLT=15h 52m 22s

0000 RTLT=15h 52m 24s

VOYAGER 2

FDSL : 11AF

CCSL : B103  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : ON

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

VOYAGER COVERAGE

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

NOTES

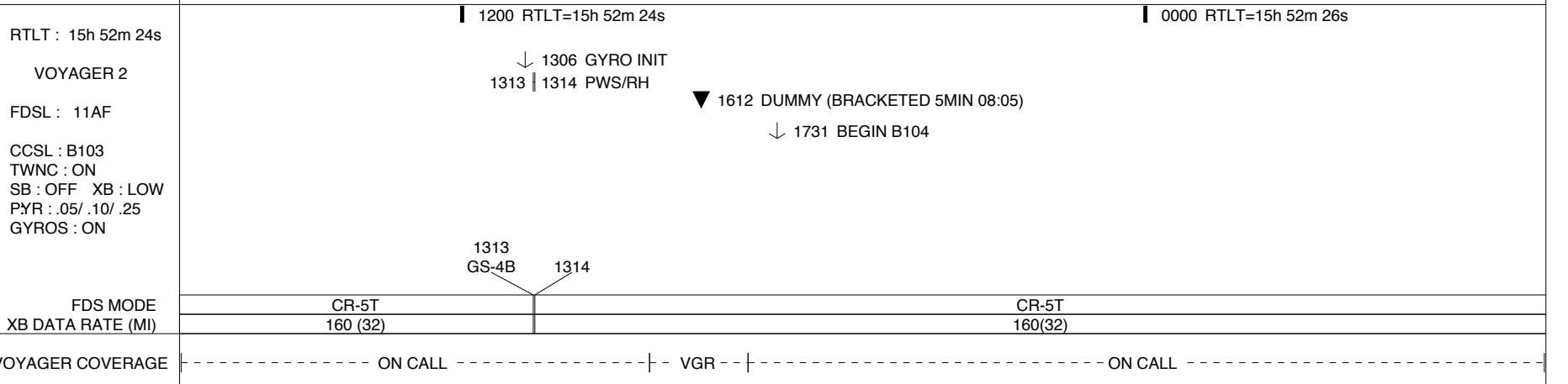
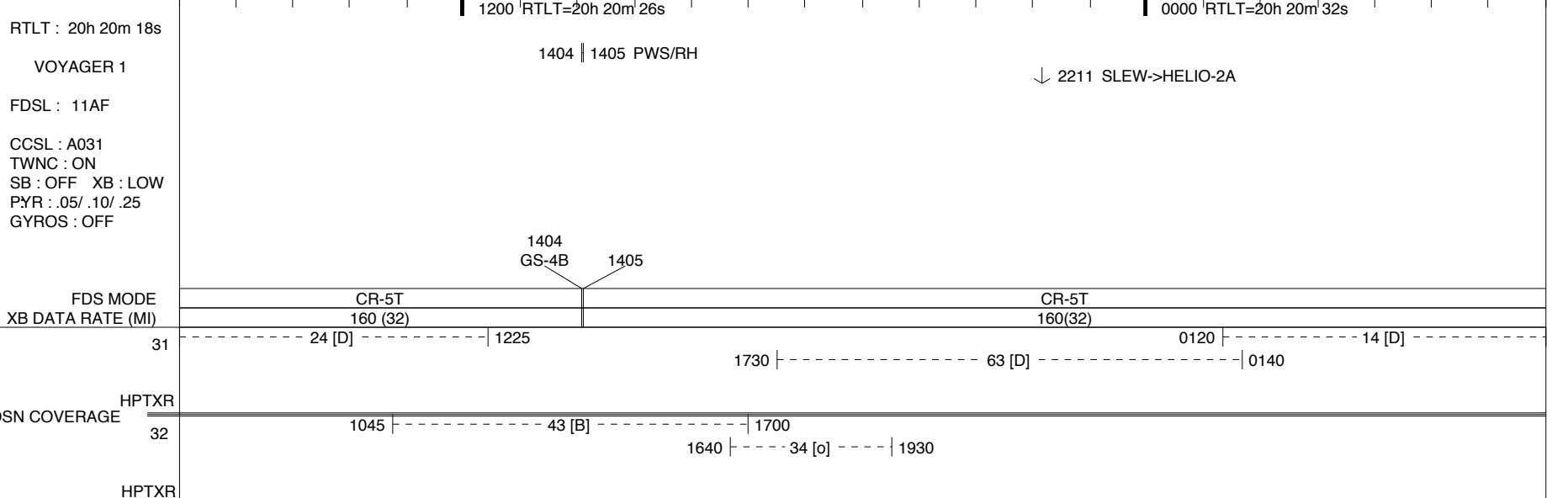
UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

ISSUE DATE: 06/09/99 - 07:12

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 15, 1999  
166-167

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



NOTES  
[1] S/C 32=GS-4B @ 1313 XB=2.8K(41) NOT RECOVERABLE  
[2] S/C 31=GS-4B @ 1404 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: 06/09/99 - 07:12

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 16, 1999  
167-168

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 : 20h 20m 32s

1200 RTLT=20h 20m 38s

0000 RTLT=20h 20m 44s

VOYAGER 1

▼ 2145 DUMMY (18:05)

FDSL : 11AF

U/L 2230 | - | - - - - - TLC (SHORT-FORM) - - - - -

CCSL : A031  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

↓ 2211 SLEW->HELIO-3A

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 - - 14 [D] - - | 0850

1740 | - - - - - 63 [T] - - - - - 0515 | - 14 [D] - - | 0535

DSN COVERAGE  
HPTXR

32 | - - - - - 43 [D] - - - - - | 0745 - 1610

1610 | - - - - - 34 [D] - - - - - | 2345

HPTXR

RTLT : 15h 52m 26s

1200 RTLT=15h 52m 28s

0000 RTLT=15h 52m 28s

VOYAGER 2

FDSL : 11AF

CCSL : B104  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : 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: 06/09/99 - 07:12

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 17, 1999  
168-169

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 : 20h 20m 44s

1200 RTLT=20h 20m 52s

0000 RTLT=20h 20m 58s

↓ 2211 SLEW->HELIO-4A

VOYAGER 1

FDSL : 11AF

----- TLC (SHORT-FORM) ----- † D/L -| 2019

CCSL : A031  
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] --- † 0910

0840 † ----- 24 [D] ----- † 1215

1730 † ----- 63 [D] ----- † 0125

DSN COVERAGE  
HPTXR

32

1620 † ----- 34 [o] ----- † 2145

HPTXR

RTLT : 15h 52m 28s

1200 RTLT=15h 52m 30s

0000 RTLT=15h 52m 32s

COMMAND MORATORIUM 0352 † -----

VOYAGER 2

FDSL : 11AF

CCSL : B104  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : 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: 06/09/99 - 07:12

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 18, 1999  
169-170

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 : 20h 20m 58s

1200 RTLT=20h 21m 6s

0000 RTLT=20h 21m 12s

↓ 2211 SLEW->HELIO-5A

VOYAGER 1

FDSL : 11AF

CCSL : A031  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

0910 |-----25 [D]-----| 1210

2105 |-----63 [D]-----| 0125

0340 |-----14 [D]-----|

DSN COVERAGE  
HPTXR

32

|-----43 [D]-----| 0735 - 1605

1630 |-----45 [D]-----| 2355

HPTXR

RTLT : 15h 52m 32s

1200 RTLT=15h 52m 32s

0000 RTLT=15h 52m 34s

-----COMMAND MORATORIUM-----

VOYAGER 2

↓ 1316 AAI

1319 |-----MAGROL-----| 1914

↓ 1907 RAI

↓ 1914 CRU

↓ 1914 GYROS OFF

FDSL : 11AF

CCSL : B104  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : ON

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 32 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (1319-1914)

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: 06/09/99 - 07:12

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 19, 1999  
170-171

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 : 20h 21m 12s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A031  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : OFF

1200 RTLT=20h 21m 18s  
 0000 RTLT=20h 21m 26s  
 ↓ 2211 SLEW->HELIO-6A

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

DSN COVERAGE HPTXR  
 31 -- 14 [D] -- | 0845  
 1715 | ----- 63 [D] ----- | 0325

HPTXR  
 32 1000 | ----- 43 [D] ----- | 1600  
 1600 | ----- 34 [o] ----- | 2330

RTLT : 15h 52m 34s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B104  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : OFF

1200 RTLT=15h 52m 36s  
 0000 RTLT=15h 52m 38s  
 ----- COMMAND MORATORIUM ----- | 0322

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: 06/09/99 - 07:12

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 20, 1999  
171-172

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 : 20h 21m 26s

1200 RTLT=20h 21m 32s

0000 RTLT=20h 21m 40s

↓ 2211 SLEW->HELIO-7A

VOYAGER 1

FDSL : 11AF

CCSL : A031  
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 - 1205 | 1710 |-----63 [D]-----| 0130 - 0615 |-----14 [D]-----|

0115

DSN COVERAGE  
HPTXR

32

1210 |-----42 [D]-----| 1555

1550 |-----34 [o]-----| 2145

HPTXR

RTLT : 15h 52m 38s

1200 RTLT=15h 52m 40s

0000 RTLT=15h 52m 40s

VOYAGER 2

FDSL : 11AF

CCSL : B104  
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: 06/09/99 - 07:12

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 21, 1999  
172-173

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 : 20h 21m 40s

1200 RTLT=20h 21m 48s

0000 RTLT=20h 21m 54s

↓ 2212 SLEW->HELIO-8A

VOYAGER 1

FDSL : 11AF

CCSL : A031  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

1705 |----- 63 [D] -----| 0050 |----- 14 [D] -----| 0110

DSN COVERAGE  
HPTXR

32

|----- 43 [D] -----| 0725 - 1235

1655 |----- 34 [D] -----| 2325

HPTXR

RTLT : 15h 52m 40s

1200 RTLT=15h 52m 42s

0000 RTLT=15h 52m 44s

VOYAGER 2

FDSL : 11AF

CCSL : B104  
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: 06/09/99 - 07:12

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 22, 1999 173-174	
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 : 20h 21m 54s  VOYAGER 1  FDSL : 11AF  CCSL : A031 TWNC : ON SB : OFF XB : LOW PYR : .05/ .10/ .25 GYROS : OFF	1200 RTLT=20h 22m 2s  1341   1342 PWS/RH  ↓ 2212 SLEW->HELIO-9A  PLSCAL 0557  ----- MAGCAL 0557  ----- PESCAL 0557  -----  1341 GS-4B   1342  FDS MODE CR-5T CR-5T XB DATA RATE (MI) 160(32) 160(32)
31 DSN COVERAGE HPTXR 32 HPTXR	14 [D] -   0830  43 [D] -----   0720 - 1550 1635  ----- 34 [o] -----   2145  0345  ----- 15 [D] ----- 25 [D] 0645
RTLT : 15h 52m 44s  VOYAGER 2  FDSL : 11AF  CCSL : B104 TWNC : ON SB : OFF XB : LOW PYR : .05/ .10/ .25 GYROS : OFF	1200 RTLT=15h 52m 46s  1249   1250 PWS/RH  1249 GS-4B   1250  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 @ 1249 XB=2.8K(41) NOT RECOVERABLE [2] S/C 31=GS-4B @ 1341 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: 06/09/99 - 07:12

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 23, 1999  
174-175

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 : 20h 22m 8s

1200 RTLT=20h 22m 16s

0000 RTLT=20h 22m 24s

↓ 2212 SLEW->HELIO-10A

VOYAGER 1

FDSL : 11AF

---|0739 PLSCAL

--MAGCAL -|0859

--PESCAL ---|0917

CCSL : A031

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

FDS MODE

CR-5T

XB DATA RATE (MI)

160(32)

31

0705 15 [D]

0500 | -- 14 [D] | --

----- 25 [D] | ----- 1150

HPTXR

DSN COVERAGE

32

0900 | ----- 43 [D] | ----- 1545

1525 | ----- 34 [D] | ----- 2310

HPTXR

RTLT : 15h 52m 48s

1200 RTLT=15h 52m 50s

0000 RTLT=15h 52m 52s

VOYAGER 2

FDSL : 11AF

CCSL : B104

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: 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: 06/09/99 - 07:12

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 24, 1999  
175-176

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 : 20h 22m 24s

1200 RTLTL=20h 22m 32s

0000 RTLTL=20h 22m 38s

VOYAGER 1

▼ 1740 DUMMY (20:50)

FDSL : 11AF

2050 | - | U/L

----- TLC SHORT-FORM -----

↓ 2212 SLEW->MIDPNT-A

CCSL : A031  
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] ----- | 1145

1715 | ----- 63 [T] ----- | 0505

DSN COVERAGE  
HPTXR

32 0815 | ----- 43 [B] ----- | 1530

1545 | ----- 34 [D] ----- | 2145

HPTXR

1200 RTLTL=15h 52m 56s

0000 RTLTL=15h 52m 58s

RTLTL : 15h 52m 52s

VOYAGER 2

▼ 1447 DUMMY (BRACKETED 5MIN PARTIAL D/L)

FDSL : 11AF

CCSL : B104  
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 | ----- VGR | ----- 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: 06/09/99 - 07:12

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 25, 1999  
176-177

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 : 20h 22m 38s

1200 RTLT=20h 22m 46s

0000 RTLT=20h 22m 54s

↓ 2212 SLEW->HELIO-11A

VOYAGER 1

FDSL : 11AF

----- TLC SHORT-FORM ----- | D/L | 1840

CCSL : A031  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

1700 |----- 63 [D] -----| 2015

DSN COVERAGE HPTXR

32

----- 43 [D] -----| 0705 - 1540

1520 |----- 34 [D] -----| 2115

HPTXR

RTLT : 15h 52m 58s

1200 RTLT=15h 53m 0s

0000 RTLT=15h 53m 2s

VOYAGER 2

FDSL : 11AF

CCSL : B104  
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: 06/09/99 - 07:12

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 26, 1999  
177-178

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 : 20h 22m 54s

1200 RTLT=20h 23m 2s

0000 RTLT=20h 23m 10s

↓ 2212 SLEW->HELIO-12A

VOYAGER 1

FDSL : 11AF

CCSL : A031  
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] -----| 0740 - 1140

1825 |----- 63 [D] -----| 0055

DSN COVERAGE  
HPTXR

32 |----- 1120 |----- 43 [D] -----| 1540

1620 |----- 34 [o] -----| 2305

HPTXR

RTLT : 15h 53m 2s

1200 RTLT=15h 53m 4s

0000 RTLT=15h 53m 8s

VOYAGER 2

FDSL : 11AF

CCSL : B104  
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: 06/09/99 - 07:12

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 27, 1999  
178-179

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 : 20h 23m 10s

1200 RTLT=20h 23m 18s

0000 RTLT=20h 23m 26s

↓ 2212 SLEW->HELIO-13A

VOYAGER 1

FDSL : 11AF

CCSL : A031  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

1640 |----- 63 [D] -----| 0045

0600 | 14 [D]

DSN COVERAGE  
HPTXR

32

0800 |----- 43 [D] -----| 1520

1605 |----- 34 [D] -----| 2245

HPTXR

RTLT : 15h 53m 8s

1200 RTLT=15h 53m 10s

0000 RTLT=15h 53m 12s

VOYAGER 2

FDSL : 11AF

CCSL : B104  
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