

ISSUE DATE: 06/16/99 - 07:11

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

VOYAGER 1 ----- TLC (SHORT-FORM) ----- † D/L -| 2019 ↓ 2211 SLEW->HELIO-4A

FDSL : 11AF

S/C 31 STATUS
FDS CLOCK DRIFT: ADD TO S/C EVENT ERT: -17.151 sec
ROLLREF = RIGIL KENTAURUS

FDS MODE CR-5T

XB DATA RATE (MI) 160 (32)

31 --- 14 [D] --- † 0910 0840 † ----- 24 [D] ----- † 1215

HPTXR 1730 † ----- 63 [D] ----- † 0125

DSN COVERAGE

32 1620 † ----- 34 [o] ----- † 2145

HPTXR

RTLT : 15h 52m 28s 1200 RTLT=15h 52m 30s 2112 † ----- 0000 RTLT=15h 52m 32s

VOYAGER 2 ----- COMMAND MORATORIUM -----

FDSL : 11AF

S/C 32 STATUS
FDS CLOCK DRIFT: ADD TO S/C EVENT ERT: 7.052 sec
ROLLREF = VEGA

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: 06/16/99 - 07:11

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

FDSL : 11AF

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

↓ 1235 BAY 1 HTR OFF

↓ 1239 XB HIGH PWR

↓ 1316 AAI

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

↓ 1907 RAI

↓ 1914 CRU

↓ 1914 GYROS OFF

↓ 1939 XB LOW PWR

↓ 1943 BAY 1 HTR 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: 06/16/99 - 07:11

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)

31 -- 14 [D] -- | 0845  
 1715 | ----- 63 [D] ----- | 0325

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

HPTXR

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 ----- | 0350

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: 06/16/99 - 07:11

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

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: 06/16/99 - 07:11

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: 06/16/99 - 07:11

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: 06/16/99 - 07:11

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: 06/16/99 - 07:11

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

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

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 ----- | - - - VGR - - - | - - - 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: 06/16/99 - 07:11

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: 06/16/99 - 07:11

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: 06/16/99 - 07:11

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

ISSUE DATE: 06/16/99 - 07:11

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 28, 1999  
179-180

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 26s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A031  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : OFF

1200 RTLT=20h 23m 34s  
 0000 RTLT=20h 23m 42s  
 ↓ 2212 SLEW->HELIO-14A

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

31 ----- 14 [D] ----- 1215  
 1805 |----- 63 [D] ----- | 0045

DSN COVERAGE HPTXR  
 32 1600 |----- 34 [o] ----- | 2255 43 [D] 0650 |

HPTXR

RTLT : 15h 53m 12s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B104  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : OFF

1200 RTLT=15h 53m 16s  
 0000 RTLT=15h 53m 18s

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: 06/16/99 - 07:11

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 29, 1999  
180-181

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 23m 42s  
VOYAGER 1  
FDSL : 11AF  
CCSL : A031  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

1200 RTLTL=20h 23m 50s  
0000 RTLTL=20h 23m 58s

1318 | 1319 PWS/RH  
↓ 2213 SLEW->HELIO-15A  
▼ 2215 DUMMY (18:39)  
U/L 2335 | - | - - - - - TLC - - - - -

FDS MODE  
XB DATA RATE (MI)

CR-5T 160(32) CR-5T 160(32)

31 0800 | - - - - - 14 [D] - - - - - | 1155  
1635 | - - - - - 63 [T] - - - - - | 0210 | - - - - - 14 [D] - - - - -

DSN COVERAGE HPTXR  
32 - - - - - 43 [D] - - - - - | 1530  
1510 | - - - - - 34 [D] - - - - - | 2145  
43 [B] 0645 | - - - - -

HPTXR

RTLTL : 15h 53m 18s  
VOYAGER 2  
FDSL : 11AF  
CCSL : B104  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

1200 RTLTL=15h 53m 20s  
0000 RTLTL=15h 53m 24s

1225 | 1226 PWS/RH  
1237 | - - - - - DTR MAINT - - - - - | 1803  
1403 | - - - - - PLSCAL - | 1545  
1403 | - - - - - MAGCAL - - - - | 1705  
1403 | - - - - - PESCAL - - - - | 1723  
1805 | 1807 TAPPOS

1225 GS-4B 1226

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 @ 1225 XB=2.8K(41) NOT RECOVERABLE  
[2] S/C 31=GS-4B @ 1318 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: 06/16/99 - 07:11

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 30, 1999  
181-182

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 58s

1200 RTLT=20h 24m 6s

0000 RTLT=20h 24m 14s

VOYAGER 1

↓ 2213 SLEW->HELIO-16A

FDSL : 11AF

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

----- TLC ----- | D/L | 2127

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 14 [D] | 0805

1825 | ----- 63 [D] ----- | 0420

0545 | 15 [D] |

DSN COVERAGE  
HPTXR

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

1525

1525 | ----- 45 [D] ----- | 2145

43 [D] 0645 |

HPTXR

1200 RTLT=15h 53m 26s

0000 RTLT=15h 53m 30s

RTLT : 15h 53m 24s

VOYAGER 2

▼ 1447 DUMMY (BRACKETED 5MIN 06:41)

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 | ----- 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: 06/16/99 - 07:11

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 1, 1999  
182-183

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 24m 14s

1200 RTLT=20h 24m 22s

0000 RTLT=20h 24m 30s

↓ 2213 SLEW->HELIO-17A

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 ----- 15 [D] ----- | 1155

1805 | -- 63 [D] -- | 2015

DSN COVERAGE HPTXR

32 ----- 43 [D] ----- | 1525

1530 | ----- 34 [D] ----- | 2145

43 [D] 0640 |

HPTXR

RTLT : 15h 53m 30s

1200 RTLT=15h 53m 32s

0000 RTLT=15h 53m 36s

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: 06/16/99 - 07:11

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 2, 1999  
183-184

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 24m 30s

1200 RTLT=20h 24m 38s

0000 RTLT=20h 24m 46s

↓ 2213 SLEW->HELIO-18A

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

0825 |-----25 [D]-----| 1115

1620 |-----63 [D]-----| 0020

DSN COVERAGE  
HPTXR

32

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

1550 |-----34 [D]-----| 2300

HPTXR

RTLT : 15h 53m 36s

1200 RTLT=15h 53m 40s

0000 RTLT=15h 53m 42s

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

**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: 06/16/99 - 07:11

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 3, 1999  
184-185

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 24m 46s

1200 RTLT=20h 24m 56s

0000 RTLT=20h 25m 4s

↓ 2213 SLEW->HELIO-19A

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 0825 | --- 25 [D] --- | 1110

1830 | ----- 63 [D] ----- | 0000 | ----- 14 [D] -----

| 0015

DSN COVERAGE  
HPTXR

32 1130 | ----- 42 [D] ----- | 1605

1600 | ----- 34 [o] ----- | 2235 43 [D] 0630 | - -

HPTXR

RTLT : 15h 53m 42s

1200 RTLT=15h 53m 46s

0000 RTLT=15h 53m 50s

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: 06/16/99 - 07:11

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 4, 1999  
185-186

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 25m 4s

1200 RTLT=20h 25m 12s

0000 RTLT=20h 25m 20s

↓ 2213 SLEW->HELIO-20A

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] ----- | 1155

1615 | ----- 63 [D] ----- | 0025

0415 | --- 24 [D] ---

DSN COVERAGE  
HPTXR

32 ----- 43 [D] ----- | 1515

1455 | 42 [D] | 1610

1550 | ----- 34 [D] ----- | 2235

HPTXR

RTLT : 15h 53m 50s

1200 RTLT=15h 53m 54s

0000 RTLT=15h 53m 56s

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