

ISSUE DATE: 09/07/99 - 13:55

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  
SEPTEMBER 9, 1999  
252-253

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 49m 18s

1200 RTLT=20h 49m 30s

0000 RTLT=20h 49m 42s

VOYAGER 1

FDSL : 11AF

S/C 31 STATUS
FDS CLOCK DRIFT: ADD TO S/C EVENT ERT: -16.949 sec
ROLLREF = RIGIL KENTAURUS

CCSL : A032  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

31

1710 |----- 65 [D] -----| 2045  
2025 - 0625 |----- 24 [D] -----|

DSN COVERAGE HPTXR

32

----- 42 [D] -----| 1655 |----- 0155 |----- 43 [D] -----|

HPTXR

RTLT : 16h 10m 46s

1200 RTLT=16h 10m 56s

0000 RTLT=16h 11m 8s

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

VOYAGER 2

FDSL : 11AF

S/C 32 STATUS
FDS CLOCK DRIFT: ADD TO S/C EVENT ERT: -1.500 sec
ROLLREF = VEGA

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

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

AACS MRO 0415 | 0435

CCS MRO 0435 | 0446

FDSMRO 0446 | 0459

GYROS BC ON 0615 ↓

GYRO INIT 0616 ↓

GYRO FAULT TEST 0625 ↓

0401  
EH-12

0451

CR-5T  
[1] 160(32)

VOYAGER COVERAGE

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

NOTES

[1] XB = 1.2K(39) @ 0401

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: 09/07/99 - 13:55

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  
SEPTEMBER 10, 1999  
253-254

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 49m 42s

1200 RTLT=20h 49m 54s

0000 RTLT=20h 50m 6s

VOYAGER 1

FDSL : 11AF

CCSL : A032  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

FDS MODE  
XB DATA RATE (MI)

CR-5T

160 (32)

31

1720 |-----54 [D]-----| 2210

2330 |-----14 [D]-----| 0335

0315 - 0620 |-----24 [D]-----|

DSN COVERAGE HPTXR

32

0750 43 [D]

|-----42 [D]-----| 0730 - 1650

0600 |43 [D]

HPTXR

RTLT : 16h 11m 8s

1200 RTLT=16h 11m 18s

0000 RTLT=16h 11m 30s

VOYAGER 2

FDSL : 11AF

CCSL : B104  
TWNC : ON  
SB : OFF XB : HI  
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: 09/07/99 - 13:55

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  
SEPTEMBER 11, 1999  
254-255

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 50m 6s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A032  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : OFF  
 FDS MODE CR-5T  
 XB DATA RATE (MI) 160 (32)

1200 RTLT=20h 50m 18s 0000 RTLT=20h 50m 30s

31 2315 |----- 14 [D] -----| 0325  
 0305 - 0615 |----- 24 [D] -----|  
 HPTXR  
 DSN COVERAGE  
 32 --- | 0745 43 [D] --- 42 [D] --- | 0730 - 1645 42 [o] 0620 |---  
 HPTXR

RTLT : 16h 11m 30s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B104  
 TWNC : ON  
 SB : OFF XB : HI  
 PYR : .05/ .10/ .25  
 GYROS : ON  
 FDS MODE CR-5T  
 XB DATA RATE (MI) 160(32)  
 VOYAGER COVERAGE --- ON CALL ---

1200 RTLT=16h 11m 42s 0000 RTLT=16h 11m 52s

COMMAND MORATORIUM 1404

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: 09/07/99 - 13:55

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  
SEPTEMBER 12, 1999  
255-256

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 50m 30s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A032  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : OFF

FDS MODE  
 XB DATA RATE (MI)

CR-5T  
 160 (32)

1200 RTLT=20h 50m 42s      0000 RTLT=20h 50m 54s

31  
 1325 |----- 54 [D] -----| 1945  
 2000 |----- 14 [D] -----| 0310

HPTXR  
 DSN COVERAGE

32  
 ----- 42 [o] ----- | 1640  
 0200 |----- 45 [D] -----

HPTXR

RTLT : 16h 11m 52s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B104  
 TWNC : ON  
 SB : OFF XB : HI  
 PYR : .05/ .10/ .25  
 GYROS : ON

FDS MODE  
 XB DATA RATE (MI)

CR-5T  
 160(32)

1200 RTLT=16h 12m 4s      0000 RTLT=16h 12m 14s

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: 09/07/99 - 13:55

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  
SEPTEMBER 13, 1999  
256-257

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 50m 54s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A032  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : OFF

1200 RTLTL=20h 51m 6s  
 0000 RTLTL=20h 51m 18s

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

31 1220 |----- 63 [D] -----| 1945  
 2330 |----- 14 [D] -----| 0340  
 0320 |----- 24 [D] -----| 0605  
 DSN COVERAGE HPTXR  
 32 ----- 45 [D] -----| 1005  
 1420 |----- 34 [o] -----| 1750  
 HPTXR

RTLTL : 16h 12m 14s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B104  
 TWNC : ON  
 SB : OFF XB : HI  
 PYR : .05/ .10/ .25  
 GYROS : ON

1200 RTLTL=16h 12m 26s  
 0000 RTLTL=16h 12m 36s

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: 09/07/99 - 13:55

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  
SEPTEMBER 14, 1999  
257-258

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 51m 18s  
VOYAGER 1  
FDSL : 11AF  
CCSL : A032  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

1200 RTLTL=20h 51m 28s | 0000 RTLTL=20h 51m 40s

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

TLC (SHORT-FORM) | -

0123 | PLSCAL - | 0306  
0123 | --- MAGCAL --- | 0426  
0123 | --- PESCAL --- | 0443  
PWS/RH 0532 | 0533  
U/L 0610 | - |

0532  
GS-4B 0533

FDS MODE  
XB DATA RATE (MI)

CR-5T

CR-5T

160 (32)

160(32)

31

1555 |----- 63 [D] -----| 1955  
2005 |----- 24 [D] -----| 2340  
2320 |----- 14 [T] -----| 0645  
43 [D] 0645 |

DSN COVERAGE  
HPTXR

32

----- 43 [B] ----- | 1045  
1025 |----- 42 [D] ----- | 1345  
0545 | 42 [o] |

HPTXR

1200 RTLTL=16h 12m 48s | 0000 RTLTL=16h 13m 0s

RTLTL : 16h 12m 36s  
VOYAGER 2  
FDSL : 11AF  
CCSL : B104  
TWNC : ON  
SB : OFF XB : HI  
PYR : .05/ .10/ .25  
GYROS : ON

↓ 0732 ALL DB=.05  
↓ 0748 AAI  
0749 | - | 0826 ASCAL  
↓ 0823 RAI  
↓ 0826 CRU  
↓ 0834 ROLL=.25  
↓ 0834 YAW=.10  
↓ 0836 GYRO FAULT TEST

↓ 1715 BEGIN SEQUENCE B105

0435 | 0436 PWS/RH

▼ 1007 DUMMY (BRACKETED 5MIN NO D/L)

0435  
GS-4B 0436

FDS MODE  
XB DATA RATE (MI)

0717 0829

EL-40  
40(30)

CR-5T

CR-5T

160(32)

160(32)

VOYAGER COVERAGE

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

NOTES

- [1] S/C 32=CR-5T @ 0717 XB=
- [2] S/C 32 - D/L AGC/SNR VARIATIONS EXPECTED DURING ASCAL (0749-0826)
- [3] S/C 32=GS-4B @ 0435 XB=2.8K(41) NOT RECOVERABLE
- [4] S/C 31=GS-4B @ 0532 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: 09/07/99 - 13:55

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  
SEPTEMBER 15, 1999  
258-259

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 51m 40s

1200 RTLT=20h 51m 52s

0000 RTLT=20h 52m 4s

VOYAGER 1

----- TLC (SHORT-FORM) ----- + D/L -| 0430

FDSL : 11AF

▼ 2200 DUMMY (18:52)

CCSL : A032  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : ON

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 | 0705 14 [T] |-----| 1040 |-----| 2130 |-----| 24 |-----| 0245 - 0700 |-----| 14 [D] |-----|  
----- 43 [D] ----- |-----| 1210 |--- 65 [D] --- | 1420 |-----| 0305

DSN COVERAGE  
HPTXR

32 |-----| 42 [o] |-----| 1430 |-----| 0210 |-----| 43 [D] |-----|  
----- 1410 |----- 45 [D] ----- | 1755

HPTXR

RTLT : 16h 13m 0s

1200 RTLT=16h 13m 10s

0000 RTLT=16h 13m 22s

VOYAGER 2

FDSL : 11AF

CCSL : B105  
TWNC : ON  
SB : OFF XB : HI  
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: 09/07/99 - 13:55

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  
SEPTEMBER 16, 1999  
259-260

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 52m 4s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A032  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : ON

1200 RTLTL=20h 52m 16s  
 0000 RTLTL=20h 52m 28s

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

31 0700 14 [D]  
 1535 |----- 63 [D] -----| 1935  
 2130 |----- 24 [D] -----| 0555

HPTXR  
 DSN COVERAGE  
 32 ----- 43 [D] -----| 1035  
 1015 |----- 42 [o] -----| 1625  
 0130 |----- 43 [D] -----|

HPTXR

RTLTL : 16h 13m 22s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B105  
 TWNC : ON  
 SB : OFF XB : HI  
 PYR : .05 / .10 / .25  
 GYROS : ON

1200 RTLTL=16h 13m 34s  
 0000 RTLTL=16h 13m 44s  
 2141 |----- COMMAND MORATORIUM -----|

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: 09/07/99 - 13:55

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  
SEPTEMBER 17, 1999  
260-261

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 52m 28s

1200 RTLT=20h 52m 40s

0000 RTLT=20h 52m 52s

VOYAGER 1

FDSL : 11AF

CCSL : A032  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : ON

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

2325 |----- 24 [D] -----| 0550

DSN COVERAGE HPTXR

32

----- 43 [D] ----- | 1030

0200 |----- 43 [D] -----

1010 |----- 34 [D] ----- | 1735

HPTXR

RTLT : 16h 13m 44s

1200 RTLT=16h 13m 56s

0000 RTLT=16h 14m 8s

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

VOYAGER 2

↓ 0727 AAI

|----- MAGROL ----- | 0730 - 1325

FDSL : 11AF

↓ 1318 RAI

↓ 1325 CRU

CCSL : B105

↓ 1325 GYROS OFF

TWNC : ON

SB : OFF XB : HI

PYR : .05 / .10 / .25

GYROS : ON

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 32 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0730-1325)

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: 09/07/99 - 13:55

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  
SEPTEMBER 18, 1999  
261-262

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 52m 52s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A032  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : ON

1200 RTLT=20h 53m 4s  
 0000 RTLT=20h 53m 14s

↓ 1801 GYRO INIT

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

31 1420 |----- 63 [D] -----| 1940  
 1935 |----- 25 [D] -----| 0605

DSN COVERAGE HPTXR

32 43 [D] | 0805  
 |----- 42 [D] -----| 0745 - 1330  
 0545 | 42 [D] |

HPTXR

RTLT : 16h 14m 8s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B105  
 TWNC : ON  
 SB : OFF XB : HI  
 PYR : .05 / .10 / .25  
 GYROS : OFF

1200 RTLT=16h 14m 20s  
 0000 RTLT=16h 14m 30s

COMMAND MORATORIUM -----| 2111

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: 09/07/99 - 13:55

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  
SEPTEMBER 19, 1999  
262-263

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 53m 14s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A032  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : ON

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

DSN COVERAGE HPTXR

31 1110 |-----63 [D]-----| 1435 1900 |----54 [D]----| 2135 0000 |-----24 [D]-----| 0545

32 |-----42 [D]-----| 1425 1405 |-----45 [D]-----| 1735 42 [D] 0630 |-----

HPTXR

RTLT : 16h 14m 30s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B105  
 TWNC : ON  
 SB : OFF XB : HI  
 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: 09/07/99 - 13:55

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  
SEPTEMBER 20, 1999  
263-264

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 53m 38s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A032  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : ON

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

1200 RTLT=20h 53m 50s 0000 RTLT=20h 54m 2s

31 2340 |----- 24 [D] -----| 0540

DSN COVERAGE HPTXR  
 32 ----- 42 [D] ----- | 1610

HPTXR

RTLT : 16h 14m 54s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B105  
 TWNC : ON  
 SB : OFF XB : HI  
 PYR : .05 / .10 / .25  
 GYROS : OFF

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

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

1200 RTLT=16h 15m 6s 0000 RTLT=16h 15m 18s

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: 09/07/99 - 13:55

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  
SEPTEMBER 21, 1999  
264-265

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 54m 2s

1200 RTLTL=20h 54m 12s

0000 RTLTL=20h 54m 24s

PWS/RH 0509 | 0510

VOYAGER 1

FDSL : 11AF

CCSL : A032  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : ON

0509  
GS-4B 0510

FDS MODE  
XB DATA RATE (MI)

CR-5T

CR-5T

160(32)

160(32)

31

2355 |----- 24 [D] -----| 0535

DSN COVERAGE  
HPTXR

32

0935 |----- 42 [o] -----| 1430

0330 |----- 42 [D] -----

1410 |----- 45 [D] -----| 1730

0110 |--- 43 [D] ---| 0345

HPTXR

RTLTL : 16h 15m 18s

1200 RTLTL=16h 15m 28s

0000 RTLTL=16h 15m 40s

2214 |----- COMMAND MORATORIUM -----

VOYAGER 2

FDSL : 11AF

CCSL : B105  
TWNC : ON  
SB : OFF XB : HI  
PYR : .05 / .10 / .25  
GYROS : OFF

0413 | 0413 PWS/RH  
0526 | PLSCAL |  
0526 | MAGCAL |  
0526 | PESCAL |

FDS MODE  
XB DATA RATE (MI)

CR-5T

CR-5T

160(32)

160(32)

0413  
GS-4B 0413

VOYAGER COVERAGE

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

NOTES

[1] S/C 32=GS-4B @ 0413 XB=2.8K(41) NOT RECOVERABLE  
[2] S/C 31=GS-4B @ 0509 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: 09/07/99 - 13:55

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  
SEPTEMBER 22, 1999  
265-266

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 54m 24s

1200 RTLT=20h 54m 36s

0000 RTLT=20h 54m 48s

VOYAGER 1

FDSL : 11AF

CCSL : A032  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : ON

↓ 2230 BAY 1 HTR OFF X/B LOW POWER 0600 ↓  
↓ 2234 X/B HI POWER BAY 1 HTR ON 0604 ↓  
↓ 2340 AAI  
2343 |----- MAGROL -----| 0538  
RAI 0531 ↓  
CRU 0538 ↓  
GYROS OFF 0538 ↓  
DUMMY (02:24) 0530 ▼  
U/L 0540 | - |  
TLC (SHORT-FORM) | - - - -

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

31

2230 |----- 24 [D] -----| 0210  
0150 - 0630 |----- 14 [T] -----|

DSN COVERAGE HPTXR

32

----- 42 [D] ----- | 1115  
1400 |----- 45 [D] ----- | 1725  
0530 |----- 42 [D] ----- |

HPTXR

RTLT : 16h 15m 40s

1200 RTLT=16h 15m 52s

0000 RTLT=16h 16m 4s

VOYAGER 2

FDSL : 11AF

CCSL : B105  
TWNC : ON  
SB : OFF XB : HI  
PYR : .05 / .10 / .25  
GYROS : OFF

↓ 1400 X/B LOW POWER  
↓ 1404 BAY 1 HTR ON

| 0709 PLSCAL  
MAGCAL | 0829  
PESCAL - | 0846

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

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (2343-0538)

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: 09/07/99 - 13:55

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  
SEPTEMBER 23, 1999  
266-267

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 54m 48s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A032  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : OFF

1200 RTLT=20h 55m 0s  
 0000 RTLT=20h 55m 10s  
 0028 SLEW->DARK PLATE UPDATE

----- TLC (SHORT-FORM) ----- | D/L -| 0403

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

31  
 DSN COVERAGE HPTXR  
 2230 |----- 24 [D] -----| 0415

32  
 HPTXR  
 42 [D] ----- | 1430  
 1400 |----- 34 [D] -----| 1710  
 0100 | - 43 [B] - -| 0245

RTLT : 16h 16m 4s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B105  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05 / .10 / .25  
 GYROS : OFF

1200 RTLT=16h 16m 16s  
 0000 RTLT=16h 16m 26s  
 COMMAND MORATORIUM ----- | 2148  
 DUMMY (BRACKETED 5MIN NO D/L) 0127 ▼

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: 09/07/99 - 13:55

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  
SEPTEMBER 24, 1999  
267-268

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 55m 10s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A032  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : OFF

1200 RTLT=20h 55m 22s  
 0000 RTLT=20h 55m 34s

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

31 1050 | - 63 [D] - | 1225 2250 | ----- 24 [D] ----- | 0525

DSN COVERAGE HPTXR

32 0945 | ----- 42 [o] ----- | 1430 0100 | ----- 43 [D] -----

1355 | ----- 45 [D] ----- | 1725

HPTXR

RTLT : 16h 16m 26s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B105  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05 / .10 / .25  
 GYROS : OFF

1200 RTLT=16h 16m 38s  
 0000 RTLT=16h 16m 50s

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: 09/07/99 - 13:55

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  
SEPTEMBER 25, 1999  
268-269

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 55m 34s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A032  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : OFF

1200 RTLT=20h 55m 46s  
 0000 RTLT=20h 55m 56s

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

31 1050 | 63 [D] - | 1220 2310 | ----- 24 [D] ----- | 0520  
 HPTXR  
 DSN COVERAGE  
 32 ----- 43 [D] ----- | 0955 0450 | --- 43 [D] ---  
 0945 | ----- 42 [D] ----- | 1430  
 1415 | --- 34 [o] --- | 1700  
 HPTXR

RTLT : 16h 16m 50s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B105  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05 / .10 / .25  
 GYROS : OFF

1200 RTLT=16h 17m 2s  
 0000 RTLT=16h 17m 14s

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: 09/07/99 - 13:55

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  
SEPTEMBER 26, 1999  
269-270

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 55m 56s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A032  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : OFF

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

1200 RTLT=20h 56m 8s 0000 RTLT=20h 56m 20s

DSN COVERAGE HPTXR  
 31 2215 |----- 24 [D] -----| 0515  
 HPTXR  
 32 ----- 43 [D] -----| 0950 0525 |----- 43 [D] -----|  
 0945 |----- 42 [D] -----| 1425  
 1405 |----- 45 [D] -----| 1720  
 HPTXR

RTLT : 16h 17m 14s  
 VOYAGER 2  
 FDSL : 11AF  
 CCSL : B105  
 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 -----

1200 RTLT=16h 17m 26s 0000 RTLT=16h 17m 38s

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