

ISSUE DATE: 09/16/02 - 10:29

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 12, 2002
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

RTLTL : 23h 50m 10s
VOYAGER 1
FDSSL : 11AF
CCSL : A044
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=23h 50m 22s
0000 RTLTL=23h 50m 34s

TLC (SHORT-FORM) | D/L -| 2138
↓ 2056 SLEW->HELIO-8B

S/C 31 STATUS
FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -23.408 sec
ROLLREF = RIGIL
KENTAURUS

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

31 ----- 45 [D] ----- | 1040
1715 | ----- 54 [D] ----- | 2140
2130 | ----- 15 [D] ----- | 0600
0540 | 34 [D] | -

HPTXR
DSN COVERAGE
32 ----- 34 [D] ----- | 1040
1410 | ----- 34 [D] ----- | 1800
43 [D] 0650 |

HPTXR

RTLTL : 18h 46m 2s
VOYAGER 2
FDSSL : 11AF
CCSL : B117
TWNC : ON
SB : OFF XB : HI
PYR : .05 / .10/ .25
GYROS : BC ON

1200 RTLTL=18h 46m 12s
0000 RTLTL=18h 46m 24s
1913 | ----- COMMAND MORATORIUM -----

S/C 32 STATUS
FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -2:04:132 min
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: 09/16/02 - 10:29

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 13, 2002
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

RTLT : 23h 50m 34s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A044
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=23h 50m 46s
 0000 RTLT=23h 50m 58s
 ↓ 2056 SLEW->HELIO-9B

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

DSN COVERAGE HPTXR
 31 ----- 34 [D] ----- | 1010
 1805 |----- 63 [D] ----- | 2335
 2315 - 0615 |----- 15 [D] ----- |
 45 [D] 0640 |-----
 HPTXR
 32 ----- 43 [D] ----- | 1700
 0510 |----- 34 [D] -----

RTLT : 18h 46m 24s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B117
 TWNC : ON
 SB : OFF XB : HI
 PYR : .05 / .10/ .25
 GYROS : BC ON

1200 RTLT=18h 46m 34s
 0000 RTLT=18h 46m 46s
 ----- COMMAND MORATORIUM -----
 ↓ 0731 AAI
 |----- MAGROL ----- | 0734 - 1330
 ↓ 1322 RAI
 ↓ 1330 CRU
 ↓ 1330 GYROS OFF

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

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

NOTES [1] S/C 32 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0734-1330)

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: 09/16/02 - 10:29

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 14, 2002
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

RTLT : 23h 50m 58s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A044
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=23h 51m 10s
 0000 RTLT=23h 51m 20s

↓ 2056 SLEW->HELIO-10B

FDS MODE
 XB DATA RATE (MI)

CR-5T
 160 (32)

31 ----- 45 [D] ----- | 1110
 1545 |----- 65 [D] -----| 2135
 2115 |----- 25 [D] -----| 0515 |----- 34 [D] -----| 0535

HPTXR

DSN COVERAGE

32 ----- 34 [D] ----- | 1750
 43 [D] 0655 |

HPTXR

RTLT : 18h 46m 46s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B117
 TWNC : ON
 SB : OFF XB : HI
 PYR : .05 / .10/ .25
 GYROS : OFF

1200 RTLT=18h 46m 56s
 0000 RTLT=18h 47m 8s

COMMAND MORATORIUM ----- | 1843

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: 09/16/02 - 10:29

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 15, 2002
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 : 23h 51m 20s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A044
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=23h 51m 32s
 0000 RTLT=23h 51m 44s

↓ 2056 SLEW->MIDPNT

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

DSN COVERAGE

HPTXR 31 ----- 34 [D] ----- | 1005
 1420 |----- 65 [D] -----| 1820
 1800 |----- 63 [D] -----| 2325
 2305 |----- 15 [D] -----| 0305

HPTXR 32 ----- 43 [D] ----- | 1330
 1325 |----- 34 [o] -----| 1745
 45 [D] 0650 |

RTLT : 18h 47m 8s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B117
 TWNC : ON
 SB : OFF XB : HI
 PYR : .05 / .10/ .25
 GYROS : OFF

1200 RTLT=18h 47m 18s
 0000 RTLT=18h 47m 30s

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: 09/16/02 - 10:29

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 16, 2002
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

RTLT : 23h 51m 44s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A044
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=23h 51m 56s
 0000 RTLT=23h 52m 8s
 ↓ 2057 SLEW->HELIO-11B

FDS MODE
 XB DATA RATE (MI)

CR-5T
 160 (32)

31
 1425 |----- 65 [D] -----| 2235
 0125 |----- 15 [D] -----| 0605

HPTXR
 DSN COVERAGE

32
 1215 |----- 34 [D] -----| 1740
 43 [B] 0645 |-----

HPTXR
 45 [D] -----| 1235

RTLT : 18h 47m 30s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B117
 TWNC : ON
 SB : OFF XB : HI
 PYR : .05 / .10/ .25
 GYROS : OFF

1200 RTLT=18h 47m 42s
 0000 RTLT=18h 47m 52s

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: 09/16/02 - 10:29

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 17, 2002
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

RTLTL : 23h 52m 8s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A044
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

U/L 1945 | - | - - - - - TLC (SHORT-FORM) - - - - -
 ↓ 2057 SLEW->HELIO-12B
 PWS/RH 0638 - 0639 |

▼ 1900 DUMMY (18:53)

0639
0639 CR-5T
GS-4B

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

31
DSN COVERAGE HPTXR
1810 | - - - - - 63 [T] - - - - - 2320
1250 | - - - - - 65 [D] - - - - - 1830
2300 | - - - - - 25 [D] - - - - - 0550

32
HPTXR
43 [B] - - - - - 1655
0505 | - - - - - 34 [D] - -

RTLTL : 18h 47m 52s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B117
 TWNC : ON
 SB : OFF XB : HI
 PYR : .05 / .10/ .25
 GYROS : OFF

1200 RTLTL=18h 48m 4s
 1946 | - - - - - COMMAND MORATORIUM - - - - -
 PWS/RH 0529 | 0530

▼ 1537 DUMMY (5 MIN BRACKETED 10:26)

0529
GS-4B
0530

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

CR-5T
160(32)

VOYAGER COVERAGE - - - - - ON CALL - - - - - VGR - - | on call | - - VGR - - | - - - - - ON CALL - - - - -

NOTES

[1] S/C 32=GS-4B @ 0529 XB=2.8K(41) NOT RECOVERABLE
 [2] S/C 32=CR-5T @ 0530 XB=160(32)
 [3] S/C 31=GS-4B @ 0639 XB=2.8K(41) NOT RECOVERABLE
 [4] S/C 31=CR-5T @ 0639 XB=160(32)

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: 09/16/02 - 10:29

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 18, 2002
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 : 23h 52m 32s

1200 RTLT=23h 52m 44s

0000 RTLT=23h 52m 54s

VOYAGER 1

----- TLC (SHORT-FORM) ----- | D/L -| 2106

FDSL : 11AF

↓ 2057 SLEW->HELIO-13B

CCSL : A044
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1555 |----- 65 [D] -----| 2235

2215 |----- 15 [D] -----| 0600

DSN COVERAGE HPTXR

32

----- 34 [D] -----| 1445

0525 |----- 34 [O] -----|

HPTXR

RTLT : 18h 48m 14s

1200 RTLT=18h 48m 26s

0000 RTLT=18h 48m 38s

VOYAGER 2

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

↓ 1404 X/B LOW POWER

↓ 1408 BAY 1 HTR ON

FDSL : 11AF

CCSL : B117
TWNC : ON
SB : OFF XB : HI
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: 09/16/02 - 10:29

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 19, 2002
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 : 23h 52m 54s

1200 RTLT=23h 53m 6s

0000 RTLT=23h 53m 18s

↓ 2057 SLEW->HELIO-14B

VOYAGER 1

FDSL : 11AF

CCSL : A044
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1750

63 [D]

2315

0545

34 [D]

1420

65 [D]

1810

2255

25 [D]

0530

HPTXR
DSN COVERAGE

32

34 [o]

1550

43 [D]

0650

HPTXR

RTLT : 18h 48m 38s

1200 RTLT=18h 48m 48s

0000 RTLT=18h 49m 0s

COMMAND MORATORIUM

1919

VOYAGER 2

FDSL : 11AF

CCSL : B117
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: 09/16/02 - 10:29

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 20, 2002
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 : 23h 53m 18s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A044
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=23h 53m 30s
 0000 RTLT=23h 53m 42s

↓ 2057 SLEW->HELIO-15B

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

31 --- 34 [D] --- 0945
 1745 |----- 63 [D] -----| 2305
 2245 |----- 15 [D] -----| 0550
 45 [D] 0610 |-----|

DSN COVERAGE HPTXR
 32 ----- 43 [D] ----- | 1810
 0515 |----- 34 [o] -----|

HPTXR

RTLT : 18h 49m 0s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B117
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05 / .10/ .25
 GYROS : OFF

1200 RTLT=18h 49m 12s
 0000 RTLT=18h 49m 22s

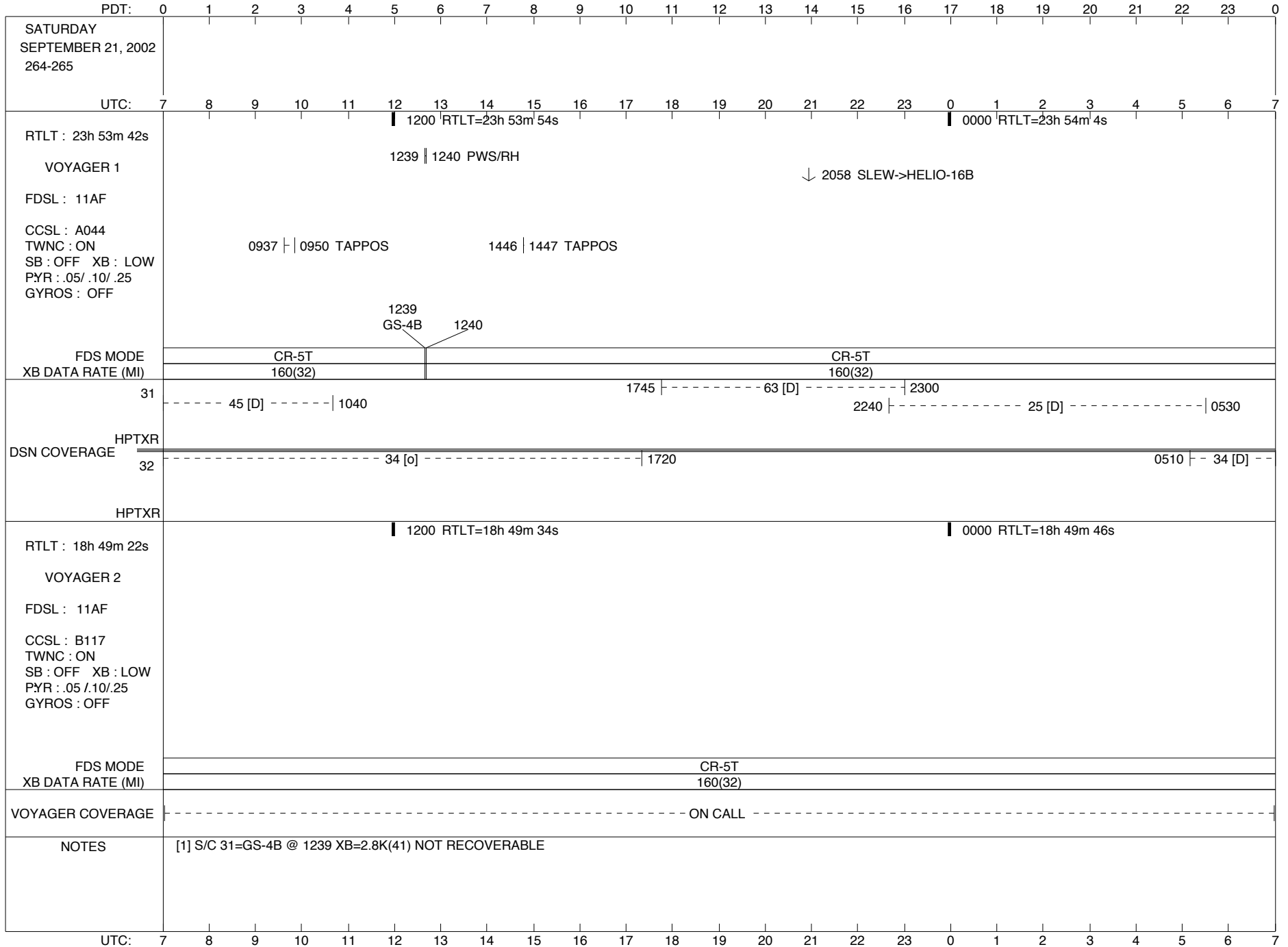
FDS MODE CR-5T
 XB DATA RATE (MI) 160(32)

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: 09/16/02 - 10:29



ISSUE DATE: 09/16/02 - 10:29

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 22, 2002
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 : 23h 54m 4s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A044
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=23h 54m 16s
 0000 RTLT=23h 54m 28s

↓ 2058 SLEW->HELIO-17B

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

31
 DSN COVERAGE HPTXR
 1745 |----- 63 [D] -----| 2130
 1420 |----- 65 [D] -----| 1805 2110 |----- 25 [D] -----| 0530
 32
 HPTXR
 ----- 34 [D] -----| 1715

RTLT : 18h 49m 46s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B117
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05 / .10/ .25
 GYROS : OFF

1200 RTLT=18h 49m 58s
 0000 RTLT=18h 50m 8s

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: 09/16/02 - 10:29

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 23, 2002
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 : 23h 54m 28s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A044
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=23h 54m 40s
 0000 RTLT=23h 54m 52s

↓ 2058 SLEW->HELIO-18B

FDS MODE
 XB DATA RATE (MI)

CR-5T
 160(32)

31
 1415 |----- 65 [D] -----| 2210
 2150 |----- 25 [D] -----| 0525
 43 [D] 0630 |---|

HPTXR
 DSN COVERAGE
 32 |----- 43 [B] -----| 0705- 1640
 0115 |----- 45 [D] -----|

HPTXR

RTLT : 18h 50m 8s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B117
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05 / .10/ .25
 GYROS : OFF

1200 RTLT=18h 50m 20s
 0000 RTLT=18h 50m 32s

▼ 1602 DUMMY (5 MIN BRACKETED NO D/L)

FDS MODE
 XB DATA RATE (MI)

CR-5T
 160(32)

VOYAGER COVERAGE
 ----- ON CALL ----- + VGR + ----- ON CALL -----

NOTES
 [1] DSS-26 NSP PIT - DATA TO BROADCAST 5

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: 09/16/02 - 10:29

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 24, 2002
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 : 23h 54m 52s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A044
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=23h 55m 2s
 0000 RTLT=23h 55m 14s

↓ 1830 GYROS AB ON
 ↓ 1831 GYRO INIT
 ↓ 1840 GYRO FAULT TEST

U/L 1920 |-----| TLC (SHORT-FORM)
 ↓ 2058 SLEW->HELIO-19B

▼ 1845 DUMMY (18:40)

PWS/RH 0616- 0617

0616 GS-4B
 0617 CR-5T

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

31 --- 43 [D] ---| 0915
 1230 |-----| 65 [D] -----| 1805
 1745 |-----| 63 [T] -----| 2205
 2145 |-----| 15 [D] -----| 0535

HPTXR
 DSN COVERAGE
 32 --- 45 [D] ---| 0915
 43 [D] 0630 |---

HPTXR

RTLT : 18h 50m 32s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B117
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05 / .10/ .25
 GYROS : OFF

1200 RTLT=18h 50m 44s
 0000 RTLT=18h 50m 54s

PWS/RH 0506 | 0507
 PLSCAL 0644 |
 MAGCAL 0644 |
 PESCAL 0644 |

0506 GS-4B
 0507 CR-5T

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

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

NOTES

[1] S/C 32=GS-4B @ 0506 XB=2.8K(41) NOT RECOVERABLE
 [2] S/C 32=CR-5T @ 0507 XB=160(32)
 [3] S/C 31=GS-4B @ 0616 XB=2.8K(41) NOT RECOVERABLE
 [4] S/C 31=CR-5T @ 0617 XB=160(32)

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: 09/16/02 - 10:29

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 25, 2002
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 : 23h 55m 14s

1200 RTLT=23h 55m 26s

0000 RTLT=23h 55m 38s

VOYAGER 1

↓ 2058 SLEW->HELIO-20B

FDSL : 11AF

CCSL : A044
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : AB ON

----- TLC (SHORT-FORM) ----- | D/L | 2043

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1425 |

65 [D] |

2205

0555 | 34 [D] |

|----- 45 [D] -----| 0730 - 1030

2330 |

15 [D] |

0530

DSN COVERAGE
HPTXR

32

----- 43 [D] -----| 1500

43 [D] 0650 |

HPTXR

RTLT : 18h 50m 54s

1200 RTLT=18h 51m 6s

0000 RTLT=18h 51m 18s

VOYAGER 2

PLSCAL | 0826

FDSL : 11AF

--- MAGCAL ---| 0946

--- PESCAL ---| 1004

CCSL : B117
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: 09/16/02 - 10:29

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 26, 2002
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

RTLTL : 23h 55m 38s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A044
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : AB ON

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

1200 RTLTL=23h 55m 48s 0000 RTLTL=23h 56m 0s

DSN COVERAGE HPTXR

31 --- 34 [D] --- | 0925 1900 |----- 63 [D] ----- | 2250 45 [D] 0620 |---

0215 |----- 15 [D] ----- | 0530

32 ----- 43 [D] ----- | 1315 1300 |----- 34 [D] ----- | 1700 0530 | 34 [D] |---

HPTXR

RTLTL : 18h 51m 18s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B117
 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 RTLTL=18h 51m 30s 0000 RTLTL=18h 51m 42s

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: 09/16/02 - 10:29

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 27, 2002
270-271

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 56m 0s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A044
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : AB ON

1200 RTLT=23h 56m 12s
 0000 RTLT=23h 56m 22s

↓ 1510 AAI
 1513 |----- MAGROL -----| 2108
 ↓ 2101 RAI
 ↓ 2108 CRU
 ↓ 2108 GYROS OFF

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

DSN COVERAGE

HPTXR 31 ----- 45 [D] ----- | 1020
 1430 |----- 63 [D] -----| 2240
 2220 |----- 25 [D] -----| 0510
 43 [D] 0640 |-----

HPTXR 32 ----- 34 [D] ----- | 1640
 45 [D] 0645 |-----

RTLT : 18h 51m 42s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B117
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05 / .10/ .25
 GYROS : OFF

1200 RTLT=18h 51m 54s
 0000 RTLT=18h 52m 4s

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

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

NOTES [1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (1513-2108)

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: 09/16/02 - 10:29

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 28, 2002
271-272

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 56m 22s
VOYAGER 1
FDSL : 11AF
CCSL : A044
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=23h 56m 34s
0000 RTLTL=23h 56m 46s

1216 | 1217 PWS/RH
↓ 1931 GYRO INIT

0914 | | 0927 TAPPOS
1423 || 1424 TAPPOS

1216 GS-4B 1217

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

31
----- 43 [D] ----- | 1120
----- 1720 | ----- 65 [D] ----- | 2150
----- 2130 | ----- 25 [D] ----- | 0505

HPTXR
DSN COVERAGE

32
----- 45 [D] ----- | 1705
----- 0115 | ----- 45 [D] ----- | 0600

HPTXR

RTLTL : 18h 52m 4s
VOYAGER 2
FDSL : 11AF
CCSL : B117
TWNC : ON
SB : OFF XB : LOW
PYR : .05 / .10/ .25
GYROS : OFF

1200 RTLTL=18h 52m 16s
0000 RTLTL=18h 52m 28s

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

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

NOTES [1] S/C 31=GS-4B @ 1216 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: 09/16/02 - 10:29

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 29, 2002
272-273

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 56m 46s
VOYAGER 1
FDSL : 11AF
CCSL : A044
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

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

31 1415 |----- 65 [D] -----| 1800 0545 | 45 [D] |
HPTXR 1740 |----- 63 [D] -----| 2240 0055 |----- 14 [D] -----| 0600
DSN COVERAGE
32 1030 |----- 34 [D] -----| 1630 43 [D] 0640 |
HPTXR

RTLT : 18h 52m 28s
VOYAGER 2
FDSL : 11AF
CCSL : B117
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