

ISSUE DATE: 08/26/02 - 14:09

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
AUGUST 22, 2002
234-235

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 41m 52s
VOYAGER 1
FDSL : 11AF
CCSL : A044
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

S/C 31 STATUS

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -23.554 sec

ROLLREF = RIGIL
KENTAURUS

↓ 0252 SLEW->HELIO-11A

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

31	1135 - 43 [D] - - 1330	0040 - - - - - 15 [D] - - - - -
DSN COVERAGE HPTXR	1855 - - - - - 63 [D] - - - - - 0100	
32	1000 - - - - - 45 [D] - - - - - 1935	
HPTXR		

RTLTL : 18h 38m 52s
VOYAGER 2
FDSL : 11AF
CCSL : B117
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=18h 39m 2s

* 1040 | 1045 CCS CHKSUM

* 1053 | 1054 CCSA MRO

* 1108 | 1109 CCSB MRO

* | 1120 TLM RESET TEST

* 1119 * 1120
EH-12 EL-40 [2]

* 1018 * 1144

S/C 32 STATUS

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -2:01.711 min

ROLLREF = VEGA

FDS MODE	CR-5T	EL-40	CR-5T
XB DATA RATE (MI)	160 (32)	40(40)	160(32)

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

NOTES

[1] S/C32= EL-40 @ 1018-1119 & 1120-1144 XB=40(30)
[2] S/C32= EH-12 @ 1119-1120 XB=1.2K FOR TLMRST TEST, 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: 08/26/02 - 14:09

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
AUGUST 23, 2002
235-236

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 42m 14s

1200 RTLTL=23h 42m 26s | 0000 RTLTL=23h 42m 38s

VOYAGER 1

1633 | 1634 PWS/RH

↓ 1930 GYROS BC ON

↓ 1931 GYRO INIT

↓ 1940 GYRO FAULT TEST

↓ 0252 SLEW->MIDPNT

FDSL : 11AF

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

1331 | 1345 TAPPOS

1840 | 1841 TAPPOS

1633
GS-4B | 1634

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

CR-5T
160(32)

31 ---| 0740 15 [D]

1850 |----- 63 [D] -----| 0035 |----- 25 [D] -----| 0055

DSN COVERAGE
HPTXR

32 1045 |----- 34 [D] -----| 1915

HPTXR

RTLTL : 18h 39m 12s

1200 RTLTL=18h 39m 22s | 0000 RTLTL=18h 39m 30s

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

NOTES

[1] S/C 31=GS-4B @ 1633 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: 08/26/02 - 14:09

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
AUGUST 24, 2002
236-237

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 42m 38s

1200 RTLT=23h 42m 50s

0000 RTLT=23h 43m 2s

↓ 0252 SLEW->HELIO-10A

VOYAGER 1

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 | 0725 25 [D]

1850 | ----- 63 [D] -----

0220 | ----- 25 [D] -----

45 [D] 0700

DSN COVERAGE
HPTXR

32 | ----- 43 [o] ----- | 0730 - 1730

HPTXR

RTLT : 18h 39m 30s

1200 RTLT=18h 39m 40s

0000 RTLT=18h 39m 50s

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: 08/26/02 - 14:09

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
AUGUST 25, 2002
237-238

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 43m 2s

1200 RTLT=23h 43m 14s

0000 RTLT=23h 43m 26s

↓ 0252 SLEW->HELIO-9A

VOYAGER 1

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 | 0720 25 [D]

0225 | 15 [D]

45 [D] | 0700 - 1225

DSN COVERAGE
HPTXR

32

43 [D] | 0710 - 1600

HPTXR

RTLT : 18h 39m 50s

1200 RTLT=18h 40m 0s

0000 RTLT=18h 40m 8s

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: 08/26/02 - 14:09

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
AUGUST 26, 2002
238-239

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 43m 26s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A044
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : BC ON

1200 RTLT=23h 43m 38s
 0000 RTLT=23h 43m 50s
 ↓ 0253 SLEW->HELIO-8A

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

31 --| 0725 15 [D]
 |----- 43 [D] -----| 0710 - 1320
 2220 |----- 25 [D] -----| 0545

DSN COVERAGE HPTXR
 32 0820 |----- 34 [D] -----| 1640
 43 [B] 0645 |-----|

HPTXR
 1640 |--- 45 [D] ---| 1905

RTLT : 18h 40m 8s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B117
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=18h 40m 18s
 0000 RTLT=18h 40m 28s

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: 08/26/02 - 14:09

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
AUGUST 27, 2002
239-240

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 43m 50s
VOYAGER 1
FDSL : 11AF
CCSL : A044
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : BC ON

1200 RTLT=23h 44m 0s | 0000 RTLT=23h 44m 12s

1010 | 1011 PWS/RH
↓ 2031 GYRO INIT
↓ 0253 SLEW->HELIO-7A

U/L 1925 | - - - - - TLC (SHORT-FORM) - - - - -

▼ 1910 DUMMY (18:54)

1010 GS-4B 1011

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

31
DSN COVERAGE HPTXR
1610 | - - - - - 63 [T] - - - - - | 1955 2145 | - - - - - 25 [D] - - - - -

32
HPTXR
- - - - - 43 [B] - - - - - | 1850

RTLT : 18h 40m 28s
VOYAGER 2
FDSL : 11AF
CCSL : B117
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLT=18h 40m 38s | 0000 RTLT=18h 40m 48s

0901 | 0902 PWS/RH
▼ 1640 CCSB DMRO (11:21)
▼ 1732 DUMMY (5 MIN BRACKETED 12:13)

0901 GS-4B 0902

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

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

NOTES
[1] S/C 32=GS-4B @ 0901 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 1010 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: 08/26/02 - 14:09

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
AUGUST 28, 2002
240-241

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 44m 12s

1200 RTLTL=23h 44m 24s

0000 RTLTL=23h 44m 36s

↓ 0253 SLEW->HELIO-6A

VOYAGER 1

FDSL : 11AF

----- TLC (SHORT-FORM) ----- | D/L - | 2037

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 | 0710 25 [D]

0120 | ----- 25 [D] -----

| ----- 43 [D] ----- | 0705 - 1315

HPTXR

1435 | ----- 65 [D] ----- 1845 | | 1905

63 [D] ----- | 0035

DSN COVERAGE

32

0940 | ----- 34 [D] ----- | 1850

HPTXR

RTLTL : 18h 40m 48s

1200 RTLTL=18h 40m 58s

0000 RTLTL=18h 41m 8s

VOYAGER 2

FDSL : 11AF

1850 | ----- COMMAND MORATORIUM -----

* *
1121 | - | 1148 CCS DMRO

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: 08/26/02 - 14:09

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
AUGUST 29, 2002
241-242

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 44m 36s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A044
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : BC ON

1200 RTLTL=23h 44m 48s
 0000 RTLTL=23h 45m 0s
 ↓ 0253 SLEW->HELIO-5A

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

31 0705 25 [D] 2330 ----- 15 [D] -----
 ----- 45 [D] ----- | 0705 - 1105

DSN COVERAGE HPTXR
 32 ----- 43 [D] ----- | 0705 - 1935
 HPTXR

1200 RTLTL=18h 41m 18s
 0000 RTLTL=18h 41m 28s

RTLTL : 18h 41m 8s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B117
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

↓ 1301 GYRO INIT
 ↓ 1301 GYROS AC ON
 ↓ 1301 MEMUPD SELECT AAB GYROS
 ↓ 1311 GYRO FAULT TEST

COMMAND MORATORIUM

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: 08/26/02 - 14:09

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
AUGUST 30, 2002
242-243

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 45m 0s
VOYAGER 1
FDSL : 11AF
CCSL : A044
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : BC ON

1200 RTLT=23h 45m 12s
0000 RTLT=23h 45m 24s

1611 | 1612 PWS/RH
↓ 2053 YAW=.10
↓ 1951 ALL DB=.05
↓ 2007 AAI
2008 | - | 2045 ASCAL
↓ 2045 GYROS OFF
1818 || 1819 TAPPOS ↓ 2042 RAI
↓ 2045 CRU
↓ 2053 ROLL=.25

1308 | | 1322 TAPPOS

1611 GS-4B 1612
1936 2048

FDS MODE	CR-5T	CR-5T	EL-40	CR-5T
XB DATA RATE (MI)	160(32)	160(32)	40(30)	160(32)

31 | 0715 15 [D] 1840 | - - - - - 63 [D] - - - - - 0010 - 0700 | - - - - - 25 [D] - - - - - 0030

HPTXR

DSN COVERAGE

32 | - - - - - 45 [D] - - - - - | 0705 - 1900

HPTXR

RTLT : 18h 41m 28s
VOYAGER 2
FDSL : 11AF
CCSL : B117
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : AC ON

1200 RTLT=18h 41m 38s
0000 RTLT=18h 41m 48s

----- COMMAND MORATORIUM ----- | 1819

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

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

NOTES

[1] S/C 31=GS-4B @ 1611 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31 - D/L AGC/SNR VARIATIONS EXPECTED DURING ASCAL (2008-2045)

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: 08/26/02 - 14:09

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
AUGUST 31, 2002
243-244

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 45m 24s

1200 RTLT=23h 45m 36s

0000 RTLT=23h 45m 48s

↓ 0254 SLEW->HELIO-3A

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 0700 25 [D]
----- 43 [D] ----- | 0710 - 1305

2130 - 0655 | ----- 25 [D] ----- |

DSN COVERAGE
HPTXR

32 0830 | ----- 34 [D] ----- | 1515

HPTXR

RTLT : 18h 41m 48s

1200 RTLT=18h 41m 58s

0000 RTLT=18h 42m 8s

VOYAGER 2

↓ 1301 GYRO INIT

FDSL : 11AF

CCSL : B117
TWNC : ON
SB : OFF XB : LOW
PYR : .05 / .10 / .25
GYROS : AC 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: 08/26/02 - 14:09

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 1, 2002
244-245

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 45m 48s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A044
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05 / .10 / .25
 GYROS : OFF

1200 RTLT=23h 46m 0s

0000 RTLT=23h 46m 12s

↓ 0254 SLEW->HELIO-2A

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

31
 HPTXR
 DSN COVERAGE 1830 |----- 63 [D] -----| 0020

32
 HPTXR
 |----- 34 [D] -----| 0745 - 1840

RTLT : 18h 42m 8s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B117
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05 / .10 / .25
 GYROS : AC ON

1200 RTLT=18h 42m 18s

0000 RTLT=18h 42m 28s

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: 08/26/02 - 14:09

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 2, 2002
245-246

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 46m 12s

1200 RTLT=23h 46m 24s

0000 RTLT=23h 46m 36s

↓ 0254 SLEW->HELIO-1A

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 |----- 45 [D] -----| 0705 - 1155 |----- 1445 |----- 54 [D] -----| 2215 |----- 43 [D] 0630 |-----

1445

2155 - 0645 |----- 25 [D] -----|

DSN COVERAGE
HPTXR

32 |----- 43 [D] -----| 0705 - 1820 |----- 0555 | 34 [D] |-----

HPTXR

RTLT : 18h 42m 28s

1200 RTLT=18h 42m 38s

0000 RTLT=18h 42m 50s

↓ 1301 GYRO INIT

VOYAGER 2

FDSL : 11AF

CCSL : B117
TWNC : ON
SB : OFF XB : LOW
PYR : .05 / .10 / .25
GYROS : AC ON

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: 08/26/02 - 14:09

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 3, 2002
246-247

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 46m 36s

1200 RTLTL=23h 46m 48s

0000 RTLTL=23h 47m 0s

VOYAGER 1

0948 | 0948 PWS/RH

FDSL : 11AF

U/L 2100 | - | - - - - - TLC (SHORT-FORM) - - - - -

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

▼ 2035 DUMMY (20:22)

0948
GS-4B
0948

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31 - - - - - 43 [D] - - - - - 1250

1845 | - - - - - 63 [T] - - - - - 0020

0550 | 34 [D] | -

0000 - 0610 | - - - - - 25 [D] - - - - - |

DSN COVERAGE
HPTXR

32 - - - - - 34 [D] - - - - - 1830

0530 | 43 [D] | -

HPTXR

RTLTL : 18h 42m 50s

1200 RTLTL=18h 43m 0s

0000 RTLTL=18h 43m 10s

VOYAGER 2

0838 | 0839 PWS/RH

1148 | - - - - - COMMAND MORATORIUM - - - - -

FDSL : 11AF

BAY 1 HTR OFF 0602 ↓
X/B HI POWER 0606 ↓

CCSL : B117
TWNC : ON
SB : OFF XB : LOW
PYR : .05 / .10 / .25
GYROS : AC ON

TAPPOS 0418 | - - - - | 0528

0838
GS-4B
0839

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 32=GS-4B @ 0838 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 0948 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: 08/26/02 - 14:09

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 4, 2002
247-248

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 47m 0s

1200 RTLT=23h 47m 12s

0000 RTLT=23h 47m 24s

VOYAGER 1

FDSL : 11AF

----- TLC (SHORT-FORM) ----- | D/L - | 2215

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

----- 34 [D] ----- | 1050

1435 | ----- 65 [D] ----- | 1835

0150 - 0640 | ----- 25 [D] ----- | 43 [D] 0700

1820 | ----- 54 [D] ----- | 2215

DSN COVERAGE
HPTXR

32

----- 43 [D] ----- | 1815

0305 | ----- 34 [D] -----

HPTXR

RTLT : 18h 43m 10s

1200 RTLT=18h 43m 20s

0000 RTLT=18h 43m 30s

VOYAGER 2

0702 YAW=.05

↓ 1400 YAW=.10

↓ 1402 GYRO INIT

FDSL : 11AF

0534 | TAPPOS

CCSL : B117
TWNC : ON
SB : OFF XB : HI
PYR : .05 / .10 / .25
GYROS : AC ON

| ----- PLAYBACK ----- | 0710 - 1346

FDS MODE
XB DATA RATE (MI)

0710

1346

PB-14

1.4K(39)

CR-5T

160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 32=CR-5T @ 0839 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: 08/26/02 - 14:09

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 5, 2002
248-249

25th Anniversary of Voyager 1 Launch, 1977-248/12:56:01 UTC

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 47m 24s

1200 RTLT=23h 47m 36s

0000 RTLT=23h 47m 48s

↓ 2054 SLEW->HELIO-1B

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 --- 43 [D] --- | 0700 - 0920

1600 |----- 63 [D] -----| 0005

2345 - 0635 |----- 25 [D] -----|

DSN COVERAGE HPTXR

32 --- 34 [D] --- | 0920

1320 |----- 34 [D] -----| 1825

0535 | 34 [D] |

HPTXR

RTLT : 18h 43m 30s

1200 RTLT=18h 43m 42s

0000 RTLT=18h 43m 52s

VOYAGER 2

FDSL : 11AF

CCSL : B117
TWNC : ON
SB : OFF XB : HI
PYR : .05 / .10 / .25
GYROS : AC ON

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

COMMAND MORATORIUM - | 1122
1206 |-----

COMMAND MORATORIUM -----

GYRO FAULT TEST STOP 0605 ↓

GYRO INIT 0620 ↓

GYROS BC ON 0620 ↓

GYRO FAULT TEST 0630 ↓

--- | 0745 TAPPOS

VOYAGER COVERAGE

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

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: 08/26/02 - 14:09

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 6, 2002
249-250

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 47m 48s

1200 RTLTL=23h 47m 58s 0000 RTLTL=23h 48m 10s

VOYAGER 1

1548 | 1549 PWS/RH

↓ 2055 SLEW->HELIO-2B

FDSL : 11AF

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

1246 | 1259 TAPPOS

1755 | 1756 TAPPOS

1548
GS-4B 1549

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31

1435 |----- 65 [D] -----| 2320

0420 |---- 45 [D] ----|

DSN COVERAGE
HPTXR

32

----- 34 [D] -----| 1815

43 [D] 0650 |

HPTXR

RTLTL : 18h 43m 52s

1200 RTLTL=18h 44m 2s 0000 RTLTL=18h 44m 14s

VOYAGER 2

--- COMMAND MORATORIUM --- | 1136

FDSL : 11AF

| 0721 - 0727 CCSTIM(B)

CCSL : B117
TWNC : ON
SB : OFF XB : HI
PYR : .05 / .10 / .25
GYROS : BC ON

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 31=GS-4B @ 1548 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: 08/26/02 - 14:09

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 7, 2002
250-251

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 48m 10s

1200 RTLT=23h 48m 22s

0000 RTLT=23h 48m 34s

↓ 2055 SLEW->HELIO-3B

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 ----- 45 [D] ----- | 1000

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

2340 |----- 15 [D] -----| 0600

DSN COVERAGE
HPTXR

32 ----- 43 [D] ----- | 1500

43 [D] 0700

HPTXR

1200 RTLT=18h 44m 24s

0000 RTLT=18h 44m 34s

RTLT : 18h 44m 14s

VOYAGER 2

FDSL : 11AF

CCSL : B117
TWNC : ON
SB : OFF XB : HI
PYR : .05 / .10 / .25
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: 08/26/02 - 14:09

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 8, 2002
251-252

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 48m 34s

1200 RTLT=23h 48m 46s

0000 RTLT=23h 48m 58s

↓ 2055 SLEW->HELIO-4B

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

2045 |----- 15 [D] -----| 0330 0525 |-- 34 [D] --|

DSN COVERAGE HPTXR

32

----- 43 [D] -----| 0700 - 1500

45 [D] 0700

HPTXR

RTLT : 18h 44m 34s

1200 RTLT=18h 44m 46s

0000 RTLT=18h 44m 56s

VOYAGER 2

FDSL : 11AF

CCSL : B117
TWNC : ON
SB : OFF XB : HI
PYR : .05 / .10 / .25
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