

ISSUE DATE: 08/26/98 - 08:10

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 27, 1998
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

RTLTL : 19h 44m 20s

1200 RTLTL=19h 44m 32s

0000 RTLTL=19h 44m 44s

VOYAGER 1

FDSSL : 11AF

CCSL : A028
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

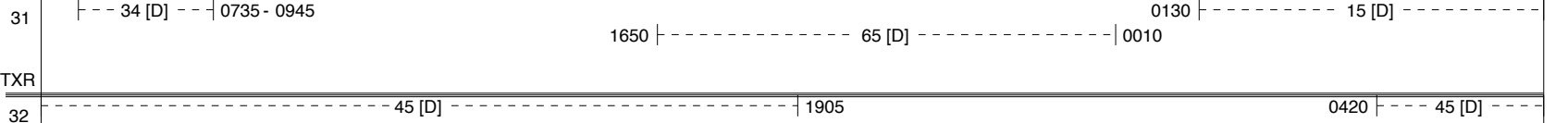
S/C 31 STATUS
FDS CLOCK DRIFT: ADD TO S/C EVENT ERT: -14.925 sec
ROLLREF = RIGIL KENTAURUS

↓ 1353 SLEW->HELIO-7C

↓ 0153 SLEW->HELIO-6C

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)



HPTXR
DSN COVERAGE

32

HPTXR

RTLTL : 15h 15m 30s

1200 RTLTL=15h 15m 42s

0000 RTLTL=15h 15m 52s

VOYAGER 2

FDSSL : 11AF

CCSL : B100
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

S/C 32 STATUS
FDS CLOCK DRIFT: ADD TO S/C EVENT ERT: 40.115 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: 08/26/98 - 08:10

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 28, 1998
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

RTLT : 19h 44m 44s

1200 RTLT=19h 44m 56s

0000 RTLT=19h 45m 8s

VOYAGER 1

↓ 1353 SLEW->HELIO-5C

↓ 0153 SLEW->HELIO-4C

FDSL : 11AF

CCSL : A028
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31 --| 0725 15 [D]

0750 |----- 34 [D] -----| 1200

2350 |----- 25 [D] -----| 0500

1615 |----- 65 [D] -----| 0005

DSN COVERAGE
HPTXR

32 ----- 45 [D] -----

| 1645

0255 |----- 45 [D] -----

1630 |---- 43 [B] ----| 1905

HPTXR

RTLT : 15h 15m 52s

1200 RTLT=15h 16m 2s

0000 RTLT=15h 16m 12s

VOYAGER 2

▼ 1727 DUMMY (BRACKETED 5MIN 08:44)

FDSL : 11AF

CCSL : B100
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: 08/26/98 - 08:10

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 29, 1998
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

RTLT : 19h 45m 8s

1200 RTLT=19h 45m 20s

0000 RTLT=19h 45m 32s

VOYAGER 1

↓ 1353 SLEW->HELIO-3C

↓ 0153 SLEW->HELIO-2C

FDSL : 11AF

CCSL : A028
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

31 0750 |----- 34 [D] -----| 1155

1645 |----- 54 [D] -----| 2310

2300 |----- 25 [D] -----| 0500

DSN COVERAGE
HPTXR

32 ----- 45 [D] -----| 1855

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

HPTXR

RTLT : 15h 16m 12s

1200 RTLT=15h 16m 22s

0000 RTLT=15h 16m 32s

VOYAGER 2

FDSL : 11AF

CCSL : B100
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: 08/26/98 - 08:10

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 30, 1998
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 : 19h 45m 32s

1200 RTLT=19h 45m 44s 0000 RTLT=19h 45m 56s

VOYAGER 1

↓ 1353 SLEW->HELIO-1C

FDSL : 11AF

CCSL : A028
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31 0755 |----- 34 [D] -----| 1155

1645 |----- 54 [D] -----| 2305

2245 |----- 25 [D] -----|

HPTXR
DSN COVERAGE

32 |----- 45 [D] -----| 1855

HPTXR

RTLT : 15h 16m 32s

1200 RTLT=15h 16m 42s 0000 RTLT=15h 16m 52s

VOYAGER 2

FDSL : 11AF

CCSL : B100
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: 08/26/98 - 08:10

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 31, 1998
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 : 19h 45m 56s

1200 RTLT=19h 46m 8s

0000 RTLT=19h 46m 20s

VOYAGER 1

FDSL : 11AF

CCSL : A028
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31 | 0715 25 [D]

1645 |-----65 [D]-----| 2350

0240 |-----24 [D]-----|

DSN COVERAGE
HPTXR

32 | 0800 |-----34 [D]-----| 1825

HPTXR

RTLT : 15h 16m 52s

1200 RTLT=15h 17m 2s

0000 RTLT=15h 17m 14s

VOYAGER 2

FDSL : 11AF

CCSL : B100
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: 08/26/98 - 08:10

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 1, 1998
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

RTLTL : 19h 46m 20s

1200 RTLTL=19h 46m 32s

0000 RTLTL=19h 46m 44s

VOYAGER 1

0947 || 0948 PWS/RH

▼ 0320 DUMMY (23:06)

FDSL : 11AF

U/L 0400 | - |
TLC (SHORT-FORM) | - - - - -

CCSL : A028
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

0947
GS-4B 0948

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

CR-5T
160(32)

31

| 0710 24 [D]

0255 | - - - - - 24 [T] - - - - -

DSN COVERAGE
HPTXR

1600 | - - - - - 65 [D] - - - - - | 2255

32

0810 | - - - - - 34 [D] - - - - -

| 1635

1615 | - - - - 43 [B] - - - - | 1845

HPTXR

RTLTL : 15h 17m 14s

1200 RTLTL=15h 17m 24s

0000 RTLTL=15h 17m 34s

VOYAGER 2

0855 | 0856 PWS/RH

▼ 1722 DUMMY (BRACKETED 5MIN 08:40)

FDSL : 11AF

CCSL : B100
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

0855
GS-4B 0856

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 @ 0855 XB=2.8K(41) NOT RECOVERABLE
- [2] S/C 31=GS-4B @ 0947 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: 08/26/98 - 08:10

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 2, 1998
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 : 19h 46m 44s

1200 RTLT=19h 46m 56s

0000 RTLT=19h 47m 8s

VOYAGER 1

FDSL : 11AF

CCSL : A028
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

TLC (SHORT-FORM)

D/L 0115

↓ 1754 SLEW->MIDPT-C

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 0705 24 [T]

1645 |-----65 [D]-----| 2345

DSN COVERAGE
HPTXR

32 0815 |-----34 [D]-----| 1820

HPTXR

RTLT : 15h 17m 34s

1200 RTLT=15h 17m 44s

0000 RTLT=15h 17m 56s

VOYAGER 2

FDSL : 11AF

CCSL : B100
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: 08/26/98 - 08:10

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 3, 1998
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

RTLT : 19h 47m 8s

1200 RTLT=19h 47m 20s

0000 RTLT=19h 47m 32s

VOYAGER 1

FDSL : 11AF

CCSL : A028
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1640 |----- 65 [D] -----| 2215

0240 - 0700 |----- 24 [D] -----|

DSN COVERAGE HPTXR

32

0820 |----- 34 [D] -----| 1815

HPTXR

RTLT : 15h 17m 56s

1200 RTLT=15h 18m 6s

0000 RTLT=15h 18m 16s

VOYAGER 2

FDSL : 11AF

CCSL : B100
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: 08/26/98 - 08:10

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 4, 1998
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 : 19h 47m 32s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A028
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

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

1200 RTLT=19h 47m 44s 0000 RTLT=19h 47m 56s

31 0700 24 [D] 0245- 0655 |----- 24 [D] -----|
 HPTXR 1640 |----- 65 [D] -----| 2245
 DSN COVERAGE
 32 0840 |----- 34 [o] -----| 1815
 HPTXR

RTLT : 15h 18m 16s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B100
 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=15h 18m 28s 0000 RTLT=15h 18m 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

ISSUE DATE: 08/26/98 - 08:10

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 5, 1998
248-249

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 : 19h 47m 56s

1200 RTLT=19h 48m 8s

0000 RTLT=19h 48m 18s

VOYAGER 1

FDSL : 11AF

CCSL : A028
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1330 |----- 54 [D] -----| 2045

0150 - 0650 |----- 25 [D] -----|

2020 |----- 14 [D] -----| 0210

DSN COVERAGE
HPTXR

32

0830 |----- 34 [D] -----| 1810

HPTXR

RTLT : 15h 18m 38s

1200 RTLT=15h 18m 48s

0000 RTLT=15h 19m 0s

VOYAGER 2

FDSL : 11AF

CCSL : B100
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: 08/26/98 - 08:10

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 6, 1998
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

RTLT : 19h 48m 18s

1200 RTLT=19h 48m 30s

0000 RTLT=19h 48m 42s

VOYAGER 1

FDSL : 11AF

CCSL : A028
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1330 |----- 54 [D] -----| 2000

0450 |--- 34 [D] ---|
0245 | - 24 [D] - | 0425

DSN COVERAGE HPTXR

32

0850 |----- 34 [o] -----| 1805

0220 |----- 45 [D] -----|

HPTXR

RTLT : 15h 19m 0s

1200 RTLT=15h 19m 10s

0000 RTLT=15h 19m 22s

VOYAGER 2

FDSL : 11AF

CCSL : B100
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: 08/26/98 - 08:10

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 7, 1998
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 : 19h 48m 42s

1200 RTLT=19h 48m 54s

0000 RTLT=19h 49m 6s

VOYAGER 1

FDSL : 11AF

CCSL : A028
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] ----- | 1120

1635 |----- 65 [D] ----- | 2325

2310 |----- 15 [D] -----

34 [D] 0645 |

DSN COVERAGE
HPTXR

32 ----- 45 [D] ----- | 1820

0220 |----- 45 [D] -----

HPTXR

RTLT : 15h 19m 22s

1200 RTLT=15h 19m 32s

0000 RTLT=15h 19m 44s

VOYAGER 2

FDSL : 11AF

CCSL : B100
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: 08/26/98 - 08:10

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 9, 1998
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 : 19h 49m 30s

1200 RTLT=19h 49m 42s

0000 RTLT=19h 49m 54s

VOYAGER 1

FDSL : 11AF

CCSL : A028
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : ON

----- TLC (SHORT-FORM) ----- † D/L -| 2238

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

----- 34 [D] ----- | 1115

1630 |----- 65 [D] -----| 2225

0015 - 0700 |-----

----- 15 [D] -----

34 [D] 0645 |-----

DSN COVERAGE
HPTXR

32

----- 43 [D,A] ----- | 1410

45 [D] 0630 |-----

----- 45 [D,A] ----- | 1410

HPTXR

1200 RTLT=15h 20m 16s

0000 RTLT=15h 20m 28s

RTLT : 15h 20m 6s

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

VOYAGER 2

----- PLAYBACK ----- | 0705 - 1340

↓ 1355 YAW=.10

0528 | TAPPOS |-----

FDSL : 11AF

CCSL : B100
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .05 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

0705

1340

PB-5

7.2K(55)

CR-5T

160(32)

VOYAGER COVERAGE

----- VGR ----- |-----

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

NOTES

[1] S/C 32=CR-5T @ 0834 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: 08/26/98 - 08:10

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 10, 1998
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 : 19h 49m 54s

1200 RTLT=19h 50m 6s

0000 RTLT=19h 50m 18s

VOYAGER 1

FDSL : 11AF

CCSL : A028
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 0700 15 [D]

2200 |----- 25 [D] -----| 0115

34 [D] 0630 |-----

----- 34 [D] ----- | 1110

0120- 0650 |----- 15 [D] -----|

1315 |----- 54 [D] -----| 2220

DSN COVERAGE

HPTXR

32

----- 45 [D] ----- | 1810

0455 |--- 45 [D] ---|

HPTXR

RTLT : 15h 20m 28s

1200 RTLT=15h 20m 38s

0000 RTLT=15h 20m 50s

----- COMMAND MORATORIUM ----- | 1440
1523 |-----

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

VOYAGER 2

FDSL : 11AF
---| 0739 TAPPOS

GYROS BC ON 0614 ↓
GYRO INIT 0615 ↓
GYRO FAULT TEST 0624 ↓

CCSL : B100
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 -|

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: 08/26/98 - 08:10

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 11, 1998
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 : 19h 50m 18s

1200 RTLT=19h 50m 30s

0000 RTLT=19h 50m 42s

VOYAGER 1

FDSL : 11AF

CCSL : A028
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

34 [D] -----| 1105

1625 |----- 65 [D] -----| 2220

34 [D] 0610 |-----

2215 - 0625 |-----

15 [D] -----|

DSN COVERAGE
HPTXR

32

45 [D] -----| 1805

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

HPTXR

RTLT : 15h 20m 50s

1200 RTLT=15h 21m 0s

0000 RTLT=15h 21m 12s

VOYAGER 2

FDSL : 11AF

CCSL : B100
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10 / .25
GYROS : ON

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

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: 08/26/98 - 08:10

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 12, 1998
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 : 19h 50m 42s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A028
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : ON

↓ 1702 GYRO INIT

1200 RTLTL=19h 50m 54s
 0000 RTLTL=19h 51m 6s

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

DSN COVERAGE

HPTXR 31 ----- 34 [D] ----- | 1105
 1305 |----- 54 [D] ----- | 2215
 2155 - 0625 |----- 24 [D] ----- |

HPTXR 32 ----- 45 [D] ----- | 1800
 0420 |----- 45 [D] ----- |

RTLTL : 15h 21m 12s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B100
 TWNC : ON
 SB : OFF XB : HI
 PYR : .05/ .10 / .25
 GYROS : ON

1200 RTLTL=15h 21m 24s
 0000 RTLTL=15h 21m 34s

COMMAND MORATORIUM ----- | 1453

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: 08/26/98 - 08:10

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 13, 1998
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 : 19h 51m 6s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A028
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : ON

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

1200 RTLT=19h 51m 18s
 0000 RTLT=19h 51m 30s

DSN COVERAGE HPTXR

31 ----- 34 [D] ----- | 1100
 1300 |----- 54 [D] ----- | 2210
 2305 - 0620 |----- 15 [D] ----- |
 0600 | 34 [D]

32 ----- 45 [D] ----- | 1755
 0420 |----- 45 [D] ----- |

HPTXR

RTLT : 15h 21m 34s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B100
 TWNC : ON
 SB : OFF XB : HI
 PYR : .05/ .10 / .25
 GYROS : ON

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

1200 RTLT=15h 21m 46s
 0000 RTLT=15h 21m 56s

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: 08/26/98 - 08:10

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 14, 1998
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 : 19h 51m 30s
VOYAGER 1
FDSL : 11AF
CCSL : A028
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : ON

1200 RTLT=19h 51m 40s
0000 RTLT=19h 51m 52s

↓ 1602 BAY 1 HTR OFF
↓ 1606 X/B HI POWER
↓ 2211 AAI
2214 |----- MAGROL -----| 0409
↓ 0402 RAI
↓ 0409 CRU
↓ 0409 GYROS OFF

DUMMY (02:27) 0635 ▼

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

31 ----- 34 [D] ----- | 1055
1415 |----- 65 [D] ----- | 2120
2100 - 0630 |----- 15 [D] ----- |
34 [T] 0610 |-----
HPTXR
DSN COVERAGE
32 ----- 45 [D] ----- | 1755
0420 |----- 45 [D] ----- |
HPTXR

RTLT : 15h 21m 56s
VOYAGER 2
FDSL : 11AF
CCSL : B100
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10 / .25
GYROS : ON

1200 RTLT=15h 22m 8s
0000 RTLT=15h 22m 20s

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

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

NOTES [1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (2214-0409)

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: 08/26/98 - 08:10

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 15, 1998
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

RTLTL : 19h 51m 52s
VOYAGER 1
FDSL : 11AF
CCSL : A028
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=19h 52m 4s
0000 RTLTL=19h 52m 16s

0735 - U/L
TLC SHORT-FORM
0054 | PLSCAL | 0236 - 0658 | D/L |
0054 | --- MAGCAL --- | 0356
0054 | --- PESCAL --- | 0414
PWS/RH 0526 | 0527

0526 GS-4B 0527

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

DSN COVERAGE

31
HPTXR
34 [T] ----- | 1050
1255 | ----- 54 [D] ----- | 2120
2100 - 0635 | ----- 15 [D] ----- |

32
HPTXR
45 [D] ----- | 1535
1520 | --- 43 [B] --- | 1755
0440 | --- 45 [D] --- |

RTLTL : 15h 22m 20s
VOYAGER 2
FDSL : 11AF
CCSL : B100
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10 / .25
GYROS : ON

1200 RTLTL=15h 22m 32s
0000 RTLTL=15h 22m 42s

0731 ALL DB=.05
0747 AAI
0748 | - | 0825 ASCAL
0822 RAI
0825 CRU
0833 ROLL=.25
0833 YAW=.10
0835 GYRO FAULT TEST

1617 DUMMY (BRACKETED 5MIN 07:40)

0434 | 0435 PWS/RH

0716 0828

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

0434 GS-4B 0435

VOYAGER COVERAGE

-- VGR -- + ----- ON CALL ----- + ----- VGR ----- + ----- ON CALL ----- +

NOTES

[1] S/C 32=CR-5T @ 1340 XB=160(32)
[2] S/C 32 - D/L AGC/SNR VARIATIONS EXPECTED DURING ASCAL (0748-0825)
[3] S/C 32=GS-4B @ 0434 XB=2.8K(41) NOT RECOVERABLE
[4] S/C 31=GS-4B @ 0526 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: 08/26/98 - 08:10

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 16, 1998
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 : 19h 52m 16s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A028
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

↓ 2157 SLEW->HELIO-11C

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

1200 RTLT=19h 52m 28s 0000 RTLT=19h 52m 40s

31 0750 |----- 34 [D] -----| 1045
 1650 |----- 65 [D] -----| 2250
 2230-0610 |----- 15 [D] -----|
 0550 | 34 [D] |

HPTXR
 DSN COVERAGE
 32 ----- 45 [D] ----- | 1145
 45 [D] 0630 |-----

HPTXR

RTLT : 15h 22m 42s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B100
 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=15h 22m 54s 0000 RTLT=15h 23m 6s

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: 08/26/98 - 08:10

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 17, 1998
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 : 19h 52m 40s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A028
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

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

1200 RTLT=19h 52m 52s 0000 RTLT=19h 53m 4s

DSN COVERAGE HPTXR
 31 ----- 34 [D] ----- | 1045
 1245 |----- 54 [D] -----| 2120
 2100 |----- 25 [D] -----| 0605
 32 ----- 45 [D] ----- | 1740
 0430 |----- 45 [D] -----

RTLT : 15h 23m 6s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B100
 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=15h 23m 16s 0000 RTLT=15h 23m 28s

2230 |----- COMMAND MORATORIUM -----

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: 08/26/98 - 08:10

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 18, 1998
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 : 19h 53m 4s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A028
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=19h 53m 14s
 0000 RTLT=19h 53m 26s

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

31 1400 |----- 63 [D] -----| 1750 0540 | 34 [D] -
 1815 |---- 61 [D] ----| 2050
 2330 |----- 25 [D] -----| 0600

HPTXR
 DSN COVERAGE
 32 ----- 45 [D] -----| 1735 0210 |----- 45 [D] -----
 HPTXR

RTLT : 15h 23m 28s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B100
 TWNC : ON
 SB : OFF XB : HI
 PYR : .05 / .10 / .25
 GYROS : ON

1200 RTLT=15h 23m 40s
 0000 RTLT=15h 23m 52s

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

↓ 0725 AAI
 |----- MAGROL -----| 0728 - 1324
 ↓ 1317 RAI
 ↓ 1324 CRU
 ↓ 1324 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 (0728-1324)

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: 08/26/98 - 08:10

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 19, 1998
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 : 19h 53m 26s

1200 RTLT=19h 53m 38s

0000 RTLT=19h 53m 50s

VOYAGER 1

FDSL : 11AF

CCSL : A028
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] ----- | 1035

1240 |

54 [D] ----- | 2145

2125 |

25 [D] ----- | 0340

0325 |

34 [D] -----

DSN COVERAGE

HPTXR

32

45 [D] ----- | 1735

0435 | 45 [D] -----

HPTXR

RTLT : 15h 23m 52s

1200 RTLT=15h 24m 4s

0000 RTLT=15h 24m 14s

----- COMMAND MORATORIUM ----- | 2200

VOYAGER 2

FDSL : 11AF

CCSL : B100
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 -----

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: 08/26/98 - 08:10

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 20, 1998
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 : 19h 53m 50s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A028
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

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

1200 RTLT=19h 54m 2s
 0000 RTLT=19h 54m 14s

DSN COVERAGE HPTXR

31 ----- 34 [D] ----- | 1030
 1135 |----- 65 [D] ----- | 2140
 2120 |----- 25 [D] ----- | 0550

32 ----- 45 [D] ----- | 1730
 0420 |----- 45 [D] -----

HPTXR

RTLT : 15h 24m 14s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B100
 TWNC : ON
 SB : OFF XB : HI
 PYR : .05 / .10 / .25
 GYROS : OFF

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

1200 RTLT=15h 24m 26s
 0000 RTLT=15h 24m 38s

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