

ISSUE DATE: 07/21/98 - 10:36

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 23, 1998
204-205

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 31m 10s

1200 RTLTL=19h 31m 20s

0000 RTLTL=19h 31m 30s

VOYAGER 1

TLC (SHORT-FORM)

D/L -| 0054

↓ 0246 SLEW->HELIO-11A

FDSL : 11AF

S/C 31 STATUS

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -14.897 sec

ROLLREF = RIGIL
KENTAURUS

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 ----- 24 [T] ----- | 0950

1625 |----- 54 [D] ----- | 2300 |----- 25 [D] -----

DSN COVERAGE
HPTXR

32

45 [D]

1910

0520 |----- 45 [D] -----

1855 |----- 43 [B] ----- | 2130

HPTXR

RTLTL : 15h 6m 0s

1200 RTLTL=15h 6m 6s

0000 RTLTL=15h 6m 14s

VOYAGER 2

▼ 1927 DUMMY (BRACKETED 5MIN 10:33)

FDSL : 11AF

S/C 32 STATUS

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: 44.698 sec

ROLLREF = VEGA

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: 07/21/98 - 10:36

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 24, 1998
205-206

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 31m 30s

1200 RTLT=19h 31m 42s

0000 RTLT=19h 31m 52s

VOYAGER 1

↓ 1446 SLEW->HELIO-12A

↓ 0247 SLEW->HELIO-13A

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 -- 25 [D] -- | 0845

1910 |----- 65 [D] -----| 0225

0205 |----- 25 [D] -----

DSN COVERAGE
HPTXR

32

----- 45 [D] ----- | 2120

0515 |----- 45 [D] -----

HPTXR

RTLT : 15h 6m 14s

1200 RTLT=15h 6m 20s

0000 RTLT=15h 6m 26s

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: 07/21/98 - 10:36

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 25, 1998
206-207

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 31m 52s

1200 RTLT=19h 32m 2s

0000 RTLT=19h 32m 12s

VOYAGER 1

↓ 1447 SLEW->HELIO-14A

↓ 0247 SLEW->HELIO-15A

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 --- 25 [D] --- | 0940

1620 | --- 54 [D] --- | 2315 | --- 2330

15 [D] ---

DSN COVERAGE
HPTXR

32 --- 45 [D] --- | 2115

0510 | --- 45 [D] ---

HPTXR

RTLT : 15h 6m 26s

1200 RTLT=15h 6m 32s

0000 RTLT=15h 6m 38s

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: 07/21/98 - 10:36

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 26, 1998
207-208

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 32m 12s

1200 RTLT=19h 32m 24s

0000 RTLT=19h 32m 34s

VOYAGER 1

↓ 1447 SLEW->HELIO-16A

↓ 0247 SLEW->HELIO-17A

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 ----- 15 [D] ----- | 1005

1615 |----- 54 [D] -----| 2315 |----- 25 [D] -----| 2330

DSN COVERAGE
HPTXR

32 ----- 45 [D] ----- | 2115

0505 |----- 45 [D] -----

HPTXR

RTLT : 15h 6m 38s

1200 RTLT=15h 6m 44s

0000 RTLT=15h 6m 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: 07/21/98 - 10:36

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
JULY 27, 1998
208-209

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 32m 34s

1200 RTLT=19h 32m 44s 0000 RTLT=19h 32m 54s

VOYAGER 1

↓ 1447 SLEW->HELIO-18A

↓ 0247 SLEW->HELIO-19A

FDSL : 11AF

↓ 1701 ISS NA REPL HTR OFF

↓ 1730 ISS WA REPL HTR OFF

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 --- 25 [D] --- | 0935 1610 |----- 65 [D] ----- 0100 |----- 25 [D] ----- | 0120

DSN COVERAGE
HPTXR

32 ----- 45 [D] ----- | 2110 0500 |--- 45 [D] ---

HPTXR

RTLT : 15h 6m 52s

1200 RTLT=15h 6m 58s 0000 RTLT=15h 7m 4s

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 ----- + - 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: 07/21/98 - 10:36

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
JULY 28, 1998
209-210

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 32m 54s
VOYAGER 1
FDSL : 11AF
CCSL : A028
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLT=19h 33m 6s | 0000 RTLT=19h 33m 16s

1141 | 1142 PWS/RH
↓ 1447 SLEW->HELIO-20A

1141 GS-4B 1142

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

DSN COVERAGE

31 ---|0750 25 [D] | 1600 |----- 65 [D] -----| 0100 |----- 25 [D] -----|

HPTXR

32 ---|----- 45 [D] -----| 1900 |----- 0500 |--- 45 [D] ---|

HPTXR

1840 |--- 43 [B] ---| 2110

RTLT : 15h 7m 4s
VOYAGER 2
FDSL : 11AF
CCSL : B100
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLT=15h 7m 12s | 0000 RTLT=15h 7m 18s

1050 | 1051 PWS/RH
▼ 1937 DUMMY (BRACKETED 5MIN 10:44)

1204 | PLSCAL -| 1346
1204 |--- MAGCAL ---| 1506
1204 |--- PESCAL ---| 1524

1050 GS-4B 1051

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 @ 1050 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 1141 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: 07/21/98 - 10:36

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
JULY 29, 1998
210-211

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 33m 16s

1200 RTLT=19h 33m 28s

0000 RTLT=19h 33m 38s

VOYAGER 1

▼ 0010 DUMMY (19:43)

U/L 0655

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 25 [D]

2355 - 0700 |

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

2000 |----- 63 -----

|0015

24 [T] 0640 |

DSN COVERAGE HPTXR

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

|2100

0505 |--- 43 [o] ---

HPTXR

RTLT : 15h 7m 18s

1200 RTLT=15h 7m 24s

0000 RTLT=15h 7m 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 -----

| 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: 07/21/98 - 10:36

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 30, 1998
211-212

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 33m 38s

1200 RTLT=19h 33m 48s

0000 RTLT=19h 34m 0s

VOYAGER 1 U/L |----- TLC (SHORT-FORM) -----| D/L | 0357

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)

31 0700 15 [D] 2350 |----- 25 [D] -----
----- 24 [T] ----- | 0920

1930 |----- 65 [D] -----| 0105

DSN COVERAGE HPTXR

32 ----- 43 [o] ----- | 1045 0450 |----- 45 [D] -----
1030 |----- 45 [D] -----| 2055

HPTXR

RTLT : 15h 7m 32s

1200 RTLT=15h 7m 38s

0000 RTLT=15h 7m 46s

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 -----|

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: 07/21/98 - 10:36

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 31, 1998
212-213

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 34m 0s

1200 RTLT=19h 34m 10s

0000 RTLT=19h 34m 22s

VOYAGER 1

FDSL : 11AF

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

↓ 0048 GYRO INIT
↓ 0048 GYROS AB ON
↓ 0058 GYRO FAULT TEST
0156 || 0159 CCSTIMB

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 ---|0750 25 [D]

2350 |----- 25 [D]

1915 |----- 65 [D] -----|0105

DSN COVERAGE
HPTXR

32 ----- 45 [D]

|2005

0445 |--- 45 [D] ---

HPTXR

RTLT : 15h 7m 46s

1200 RTLT=15h 7m 52s

0000 RTLT=15h 8m 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 -----

| - 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: 07/21/98 - 10:36

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 1, 1998
213-214

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 34m 22s

1200 RTLT=19h 34m 32s

0000 RTLT=19h 34m 44s

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 --- 25 [D] --- | 0915

1725 |----- 65 [D] ----- | 0100

0040 |----- 25 [D] -----

DSN COVERAGE
HPTXR

32 ----- 45 [D] ----- | 2050

0440 |--- 45 [D] ---

HPTXR

RTLT : 15h 8m 0s

1200 RTLT=15h 8m 8s

0000 RTLT=15h 8m 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: 07/21/98 - 10:36

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 2, 1998
214-215

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 34m 44s

1200 RTLT=19h 34m 54s

0000 RTLT=19h 35m 6s

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 ---|0750 25 [D]

1445 |

65 [D]

0040 |

15 [D]

|0055

DSN COVERAGE
HPTXR

32

45 [D]

|2045

0440 |

45 [D]

HPTXR

RTLT : 15h 8m 14s

1200 RTLT=15h 8m 22s

0000 RTLT=15h 8m 30s

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: 07/21/98 - 10:36

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 3, 1998
215-216

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 35m 6s

1200 RTLT=19h 35m 16s

0000 RTLT=19h 35m 28s

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 --- 15 [D] --- | 0930

1720 |----- 65 [D] -----| 2345

2325 |----- 25 [D] -----

DSN COVERAGE
HPTXR

32 ----- 45 [D] ----- | 2040

0500 |--- 34 [D] ---

HPTXR

RTLT : 15h 8m 30s

1200 RTLT=15h 8m 36s

0000 RTLT=15h 8m 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

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: 07/21/98 - 10:36

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 4, 1998
216-217

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 35m 28s
VOYAGER 1
FDSL : 11AF
CCSL : A028
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : ON

1200 RTLTL=19h 35m 38s
0000 RTLTL=19h 35m 50s

1118 | 1119 PWS/RH
↓ 0149 GYRO INIT

1118 GS-4B 1119

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

DSN COVERAGE

31 --- 25 [D] --- | 0900
1440 | --- 65 [D] --- | 0120 | --- 15 [D] --- | 0130

HPTXR

32 --- 34 [D] --- | 1530
1515 | --- 45 [D] --- | 1830
1810 | --- 43 [B] --- | 2040

HPTXR

RTLTL : 15h 8m 44s
VOYAGER 2
FDSL : 11AF
CCSL : B100
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=15h 8m 52s
0000 RTLTL=15h 9m 0s

1027 | 1028 PWS/RH
▼ 1837 DUMMY (BRACKETED 5MIN 10:46)

1027 GS-4B 1028

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 @ 1027 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 1118 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: 07/21/98 - 10:36

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 5, 1998
217-218

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 35m 50s

1200 RTLT=19h 36m 0s

0000 RTLT=19h 36m 12s

VOYAGER 1

↓ 1949 SLEW->SAFE

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 --- 15 [D] --- | 0925

1535 |----- 65 [D] -----| 0110

0055 |----- 15 [D] -----

DSN COVERAGE
HPTXR

32 ----- 45 [D] -----| 2035

45 [D] 0630 |-----

HPTXR

RTLT : 15h 9m 0s

1200 RTLT=15h 9m 8s

0000 RTLT=15h 9m 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: 07/21/98 - 10:36

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 6, 1998
218-219

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 36m 12s

1200 RTLTL=19h 36m 24s

0000 RTLTL=19h 36m 34s

VOYAGER 1

▼ 1145 DUMMY (07:21)

FDSL : 11AF

U/L 1200 | - | - - - - - TLC (SHORT-FORM) - - - - -

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

↓ 1730 BAY 1 HTR OFF
↓ 1734 X/B HI POWER
↓ 1749 SLEW->ALPHA VIR
↓ 2049 SLEW->SAFE

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

1740

UV-5A
600(36)

31 --- 15 [D] --- | 0920

0900 | - - - - - 34 [T] - - - - - | 1330

0115 | - - - - - 15 [D] - - - - -

HPTXR

1720 | - - - - - 65 [D] - - - - - | 0130

DSN COVERAGE

32

- - - - - 45 [D] - - - - - | 2005

0530 | - 45 [D] -

HPTXR

RTLTL : 15h 9m 16s

1200 RTLTL=15h 9m 22s

0000 RTLTL=15h 9m 30s

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 - - - - - | VGR - | - - - - - 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: 07/21/98 - 10:36

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 7, 1998
219-220

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 36m 34s

1200 RTLT=19h 36m 46s

0000 RTLT=19h 36m 58s

VOYAGER 1

↓ 0159 AAI

0202 |----- MAGROL -----

FDSL : 11AF

-----| TLC (SHORT-FORM)
| D/L | 0905

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

FDS MODE
XB DATA RATE (MI)

UV-5A

0151

CR-5T

600(36)

160(32)

31 --- 15 [D] --- | 0915

1715 |----- 65 [D] -----| 0130

0115

15 [D]

DSN COVERAGE
HPTXR

32

----- 45 [D] -----| 2025

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

HPTXR

RTLT : 15h 9m 30s

1200 RTLT=15h 9m 38s

0000 RTLT=15h 9m 46s

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 -----

+----- VGR -----

NOTES

[1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0202-0758)

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: 07/21/98 - 10:36

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 8, 1998
220-221

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 36m 58s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A028
 TWNC : ON
 SB : OFF XB : HI
 PYR : .05/ .10/ .25
 GYROS : ON

1200 RTLT=19h 37m 8s
 0000 RTLT=19h 37m 20s

0758 MAGROL
 ↓ 0751 RAI
 ↓ 0758 CRU
 ↓ 0758 GYROS OFF
 ↓ 0825 X/B LOW POWER
 ↓ 0829 BAY 1 HTR ON

1849 SLEW->HELIO-20B
 SLEW->HELIO-19B 0649 ↓

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

31 --- 15 [D] --- 0910
 1425 |----- 65 [D] -----| 0110 |----- 14 [D] -----|
 0125

DSN COVERAGE HPTXR
 32 ----- 45 [D] -----| 2020
 0425 |----- 45 [D] -----|

HPTXR

RTLT : 15h 9m 46s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B100
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=15h 9m 54s
 0000 RTLT=15h 10m 2s

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

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

NOTES [1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0202-0758)

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: 07/21/98 - 10:36

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 9, 1998
221-222

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 37m 20s

1200 RTLT=19h 37m 32s

0000 RTLT=19h 37m 42s

VOYAGER 1

↓ 1849 SLEW->HELIO-18B

SLEW->HELIO-17B 0650 ↓

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 --- 14 [D] --- | 0925

1715 |----- 65 [D] -----| 0100 |----- 25 [D] -----| 0120

DSN COVERAGE
HPTXR

32 ----- 45 [D] -----| 2005 0410 |----- 45 [D] -----|

HPTXR

RTLT : 15h 10m 2s

1200 RTLT=15h 10m 12s

0000 RTLT=15h 10m 20s

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