

ISSUE DATE: 10/20/98 - 09:09

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
OCTOBER 22, 1998
295-296

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 5m 18s

VOYAGER 1

FDSL : 11AF

CCSL : A029
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: -15.014 sec
ROLLREF = RIGIL
KENTAURUS

▼ 1800 DUMMY (16:05)

↓ 2203 SLEW->HELIO-16A

1200 RTLTL=20h 5m 28s

0000 RTLTL=20h 5m 36s

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31

1030

54

1935

1915

25 [D]

2350

2330

15 [D]

0410

DSN COVERAGE

HPTXR

32

34 [o]

1450

0425

45 [D]

HPTXR

RTLTL : 15h 36m 58s

VOYAGER 2

FDSL : 11AF

CCSL : B101
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: 32.751 sec
ROLLREF = VEGA

1200 RTLTL=15h 37m 10s

0000 RTLTL=15h 37m 22s

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: 10/20/98 - 09:09

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
OCTOBER 23, 1998
296-297

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 5m 36s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A029
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=20h 5m 46s
 0000 RTLT=20h 5m 56s

↓ 1003 SLEW->HELIO-17A
 ↓ 2204 SLEW->HELIO-18A

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

31 0855 |-----63 [D]-----| 1500
 1440 |-----65 [D]-----| 2025
 2300 |-----15 [D]-----| 0410

HPTXR
 DSN COVERAGE
 32 -----45 [D]-----| 1435
 0425- 0645 |---45 [D]---|
 34 [D] 0625 |---|

HPTXR

RTLT : 15h 37m 22s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B101
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=15h 37m 34s
 0000 RTLT=15h 37m 46s

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: 10/20/98 - 09:09

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
OCTOBER 24, 1998
297-298

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 5m 56s

1200 RTLTL=20h 6m 6s

0000 RTLTL=20h 6m 14s

VOYAGER 1

↓ 1004 SLEW->HELIO-19A

↓ 2204 SLEW->HELIO-20A

FDSL : 11AF

CCSL : A029
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31

0855 |----- 63 [D] -----| 1510

1450 |----- 65 [D] -----| 2020

2000 |----- 15 [D] -----| 0405

HPTXR

DSN COVERAGE

32

----- 34 [D] -----| 1155

0425 |----- 45 [D] -----

HPTXR

RTLTL : 15h 37m 46s

1200 RTLTL=15h 37m 58s

0000 RTLTL=15h 38m 10s

VOYAGER 2

FDSL : 11AF

CCSL : B101
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: 10/20/98 - 09:09

PDT: 0 1 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
OCTOBER 25, 1998
298-299

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 8

RTLT : 20h 6m 14s

1200 RTLT=20h 6m 24s

0000 RTLT=20h 6m 32s

VOYAGER 1

FDSL : 11AF

CCSL : A029
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] | 0815

1140 |

65 [D] |

1900 | 1920

0505 | --- 34 [D] ---

HPTXR

1900 |

15 [D] | 0400

DSN COVERAGE

32

45 [D] | 1510

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

HPTXR

RTLT : 15h 38m 10s

1200 RTLT=15h 38m 20s

0000 RTLT=15h 38m 32s

VOYAGER 2

FDSL : 11AF

CCSL : B101
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 8

ISSUE DATE: 10/20/98 - 09:09

PST: 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
OCTOBER 26, 1998
299-300

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 20h 6m 32s

1200 RTLTL=20h 6m 42s

0000 RTLTL=20h 6m 52s

VOYAGER 1

FDSL : 11AF

CCSL : A029
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31 | 0810 34 [D]

1405 |----- 65 [D] -----| 2010

1950 |----- 15 [D] -----| 0355

DSN COVERAGE
HPTXR

32 |----- 45 [D] -----| 1505

2320 |----- 34 [o] -----|

HPTXR

RTLTL : 15h 38m 32s

1200 RTLTL=15h 38m 44s

0000 RTLTL=15h 38m 56s

VOYAGER 2

FDSL : 11AF

CCSL : B101
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: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 10/20/98 - 09:09

PST: 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
OCTOBER 27, 1998
300-301

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 20h 6m 52s

1200 RTLTL=20h 7m 0s

0000 RTLTL=20h 7m 10s

0310 | 0311 PWS/RH

VOYAGER 1

FDSL : 11AF

CCSL : A029
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

0310
GS-4B 0311

FDS MODE
XB DATA RATE (MI)

CR-5T

CR-5T

160 (32)

160(32)

31

1150 |-----54 [D]-----| 1915

1900 |-----15 [D]-----| 0350

0420 |-----34 [D]-----

DSN COVERAGE
HPTXR

32

34 [o] |-----1445

2310 |-----14 [B]-----| 0220

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

HPTXR

1200 RTLTL=15h 39m 8s

0000 RTLTL=15h 39m 20s

RTLTL : 15h 38m 56s

VOYAGER 2

FDSL : 11AF

CCSL : B101
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

0218 | 0219 PWS/RH

▼ 2327 DUMMY (BRACKETED 5MIN NO D/L)

0218
GS-4B 0219

FDS MODE
XB DATA RATE (MI)

CR-5T

CR-5T

160 (32)

160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 32=GS-4B @ 0218 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 0310 XB=2.8K(41) NOT RECOVERABLE

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 10/20/98 - 09:09

PST: 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
OCTOBER 28, 1998
301-302

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 20h 7m 10s

VOYAGER 1

FDSL : 11AF

CCSL : A029
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

↓ 1604 SLEW->SAFE

1703 |-----| 1814 TAPPOS

↓ 1847 BAY 1 HTR OFF

↓ 1851 X/B HI POWER

↓ 1947 YAW=.05

1956 |----- PLAYBACK -----| 0231

↓ 0245 YAW=.10

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

1956

PB-14

1.4K(39)

0231

CR-5T

160(32)

31 | 0805 34 [D]

1515 |----- 65 [D] -----| 1925

1905 |----- 14 [D] -----| 0300

DSN COVERAGE
HPTXR

32 |----- 45 [D] -----| 1500

0530 |----- 45 [D] -----|

HPTXR

RTLTL : 15h 39m 20s

VOYAGER 2

FDSL : 11AF

CCSL : B101
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=15h 39m 30s

0000 RTLTL=15h 39m 42s

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER COVERAGE

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

----- VGR -----

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

NOTES

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 10/20/98 - 09:09

PST: 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
OCTOBER 29, 1998
302-303

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 20h 7m 28s

VOYAGER 1

FDSL : 11AF

CCSL : A029
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10 / .25
GYROS : OFF

1200 RTLTL=20h 7m 36s

0000 RTLTL=20h 7m 44s

↓ 1304 SLEW->ALPHA VIR

↓ 1604 SLEW->SAFE

1819 | - TAPPOS - - | 2034

FDS MODE	1141	2000	
XB DATA RATE (MI)	CR-5T 160(32)	UV-5A 600(36)	CR-5T 160(32)

31	1140 ----- 65 [D] ----- 2000	1955 ----- 25 [D] ----- 0320
DSN COVERAGE	HPTXR	
32	45 [D] ----- 1455	0420 ----- 45 [D] -----
	HPTXR	

RTLTL : 15h 39m 42s

VOYAGER 2

FDSL : 11AF

CCSL : B101
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=15h 39m 54s

0000 RTLTL=15h 40m 6s

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

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

NOTES

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 10/20/98 - 09:09

PST: 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
OCTOBER 30, 1998
303-304

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 20h 7m 44s

1200 RTLTL=20h 7m 54s

0000 RTLTL=20h 8m 2s

VOYAGER 1

▼ 1630 DUMMY (12:38)

FDSL : 11AF

U/L 1645 | - | - - - - - TLC (SHORT-FORM) - - - - -

CCSL : A029
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10 / .25
GYROS : OFF

↓ 1905 GYRO INIT
↓ 1905 GYROS BC ON
↓ 1915 GYRO FAULT TEST

2008 || 2012 CCSTIM(B)

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31

1310 | - - - - - 65 [D] - - - - - | 1625

1605 | - - - - - 14 [T] - - - - - | 2155

2245 | - - - - - 15 [D] - - - - - | 0340

DSN COVERAGE
HPTXR

32

45 [D] - - - - - | 1420

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

HPTXR

RTLTL : 15h 40m 6s

1200 RTLTL=15h 40m 18s

0000 RTLTL=15h 40m 28s

VOYAGER 2

FDSL : 11AF

CCSL : B101
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: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 10/20/98 - 09:09

PST: 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
OCTOBER 31, 1998
304-305

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 20h 8m 2s

1200 RTLTL=20h 8m 10s

0000 RTLTL=20h 8m 20s

VOYAGER 1

FDSL : 11AF

----- TLC (SHORT-FORM) -----| D/L -| 1421

CCSL : A029
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10 / .25
GYROS : ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

0930 |----- 63 [D] -----| 1445

1425 |----- 65 [D] -----| 1955

1955 |----- 25 [D] -----| 0310

DSN COVERAGE
HPTXR

32

----- 45 [D] -----| 1450

0415 |----- 45 [D] -----

HPTXR

RTLTL : 15h 40m 28s

1200 RTLTL=15h 40m 40s

0000 RTLTL=15h 40m 52s

VOYAGER 2

FDSL : 11AF

CCSL : B101
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: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 10/20/98 - 09:09

PST: 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
NOVEMBER 1, 1998
305-306

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 20h 8m 20s

1200 RTLTL=20h 8m 28s

0000 RTLTL=20h 8m 36s

VOYAGER 1

FDSL : 11AF

CCSL : A029
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10 / .25
GYROS : ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1150 |-----65 [D]-----

1940

1945 |-----25 [D]-----| 0305

DSN COVERAGE
HPTXR

32

45 [D]-----| 1445

0415 |-----45 [D]-----

HPTXR

RTLTL : 15h 40m 52s

1200 RTLTL=15h 41m 2s

0000 RTLTL=15h 41m 14s

VOYAGER 2

FDSL : 11AF

CCSL : B101
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: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 10/20/98 - 09:09

PST: 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
NOVEMBER 2, 1998
306-307

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLT : 20h 8m 36s

1200 RTLT=20h 8m 46s

0000 RTLT=20h 8m 54s

VOYAGER 1

FDSL : 11AF

CCSL : A029
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10 / .25
GYROS : ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1030

54 [D]

1855

2035

15 [D]

0330

DSN COVERAGE
HPTXR

32

45 [D]

1435

2320

34 [o]

HPTXR

RTLT : 15h 41m 14s

1200 RTLT=15h 41m 26s

0000 RTLT=15h 41m 36s

VOYAGER 2

FDSL : 11AF

CCSL : B101
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER COVERAGE

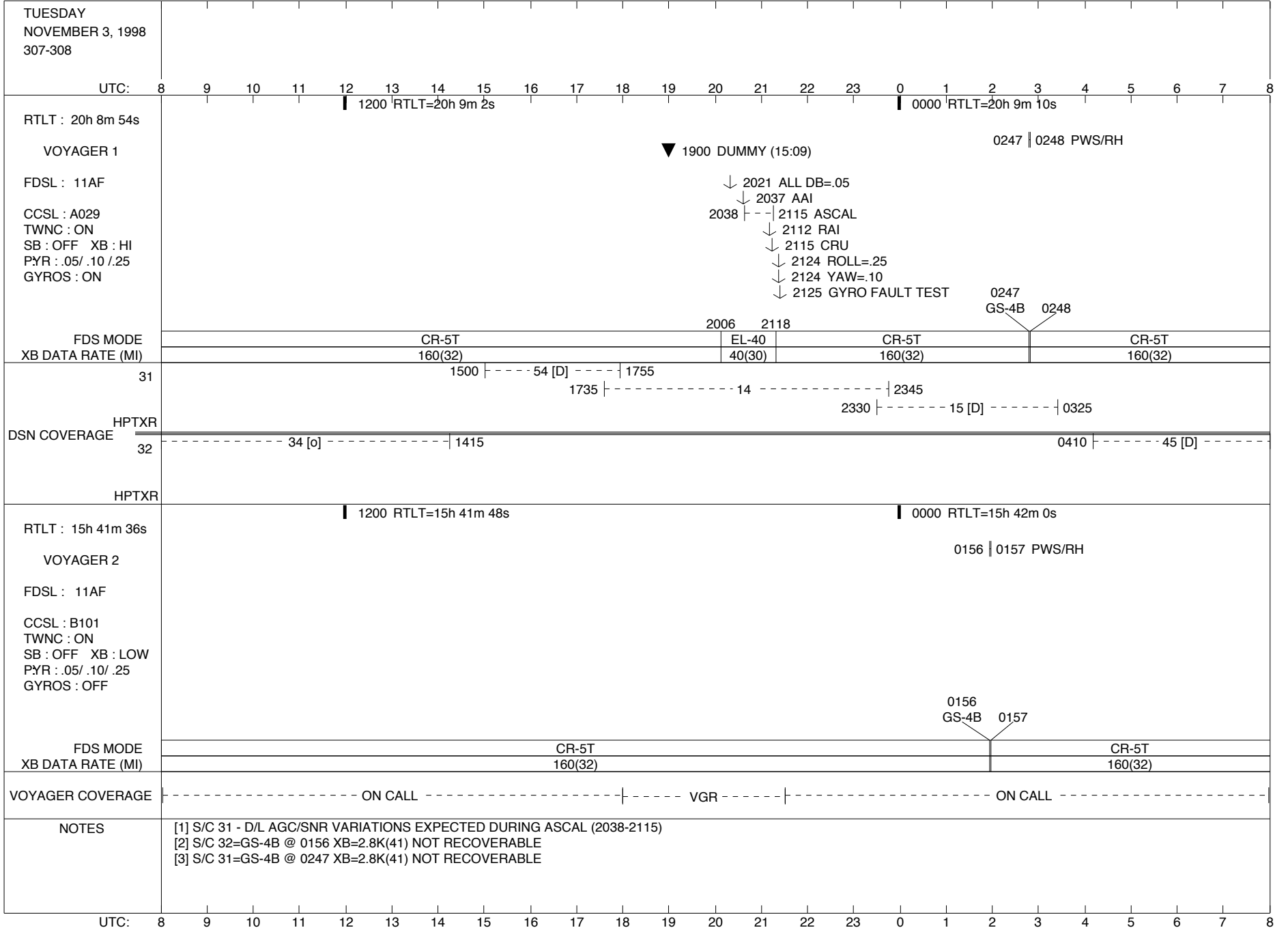
ON CALL

NOTES

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 10/20/98 - 09:09

PST: 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



ISSUE DATE: 10/20/98 - 09:09

PST: 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
NOVEMBER 4, 1998
308-309

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLT : 20h 9m 10s

1200 RTLT=20h 9m 18s

0000 RTLT=20h 9m 26s

VOYAGER 1

FDSL : 11AF

CCSL : A029
TWNC : ON
SB : OFF XB : HI
PYR : .05 / .10 / .25
GYROS : ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1445 |----- 65 [D] -----

| 1935

1920 |-- 14 [D] ---| 2135

DSN COVERAGE
HPTXR

32

----- 45 [D] ----- | 1430

2235 |----- 14 [B] ----- | 0145

0420 |----- 34 [O] -----

HPTXR

RTLT : 15h 42m 0s

1200 RTLT=15h 42m 10s

0000 RTLT=15h 42m 22s

VOYAGER 2

▼ 2302 DUMMY (BRACKETED 5MIN NO D/L)

FDSL : 11AF

CCSL : B101
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: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 10/20/98 - 09:09

PST: 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
NOVEMBER 5, 1998
309-310

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 20h 9m 26s

1200 RTLTL=20h 9m 34s

0000 RTLTL=20h 9m 42s

VOYAGER 1

FDSL : 11AF

CCSL : A029
TWNC : ON
SB : OFF XB : HI
PYR : .05 / .10 / .25
GYROS : ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

0935 |----- 54 [D] -----| 1840

1935 |----- 25 [D] -----| 0250

DSN COVERAGE
HPTXR

32

----- 34 [o] -----| 1405

0410 |----- 45 [D] -----|

HPTXR

RTLTL : 15h 42m 22s

1200 RTLTL=15h 42m 34s

0000 RTLTL=15h 42m 44s

VOYAGER 2

FDSL : 11AF

CCSL : B101
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: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 10/20/98 - 09:09

PST: 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
NOVEMBER 6, 1998
310-311

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 20h 9m 42s

1200 RTLTL=20h 9m 50s

0000 RTLTL=20h 9m 58s

VOYAGER 1

↓ 1806 SLEW->HELIO-1C

↓ 2016 AAI

FDSL : 11AF

2019 |----- MAGROL -----| 0214

↓ 0207 RAI

CCSL : A029

↓ 0214 CRU

TWNC : ON

↓ 0214 GYROS OFF

SB : OFF XB : HI

SLEW->HELIO-2C 0606 ↓

PYR : .05 / .10 / .25

GYROS : ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1310 |----- 65 [D] -----| 1930

1935 |-- 14 [D] --| 2145

2120 |----- 15 [D] -----| 0315

DSN COVERAGE
HPTXR

32

----- 45 [D] -----| 1425

2250 |----- 34 [D] -----|

HPTXR

RTLTL : 15h 42m 44s

1200 RTLTL=15h 42m 56s

0000 RTLTL=15h 43m 6s

VOYAGER 2

FDSL : 11AF

CCSL : B101

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 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (2019-0214)

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 10/20/98 - 09:09

PST: 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
NOVEMBER 7, 1998
311-312

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 20h 9m 58s

1200 RTLTL=20h 10m 6s

0000 RTLTL=20h 10m 14s

VOYAGER 1

FDSL : 11AF

U/L 1430 | - | - - - - - TLC (SHORT-FORM) - - - - -

CCSL : A029
TWNC : ON
SB : OFF XB : HI
PYR : .05 / .10 / .25
GYROS : OFF

↓ 1806 SLEW->HELIO-3C

SLEW->HELIO-4C 0606 ↓

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1030 | - - - - - 54 [T] - - - - -

1835

1820 | - - - - - 25 [D] - - - - - | 0245

DSN COVERAGE
HPTXR

32

34 [o] - - - - - | 1400

2235 | - - - - - 34 [D] - - - - -

HPTXR

RTLTL : 15h 43m 6s

1200 RTLTL=15h 43m 18s

0000 RTLTL=15h 43m 28s

VOYAGER 2

FDSL : 11AF

CCSL : B101
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: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 10/20/98 - 09:09

PST: 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
NOVEMBER 8, 1998
312-313

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 20h 10m 14s

1200 RTLTL=20h 10m 22s

0000 RTLTL=20h 10m 30s

VOYAGER 1

↓ 1806 SLEW->HELIO-5C

SLEW->HELIO-6C 0606 ↓

--- TLC (SHORT-FORM) --- + D/L -| 1306

FDSL : 11AF

CCSL : A029
TWNC : ON
SB : OFF XB : HI
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1015 |----- 54 [D] -----

1830

1920 |----- 25 [D] ----- | 0240

DSN COVERAGE
HPTXR

32

----- 34 [D] ----- | 1355

2230 |----- 34 [D] -----

HPTXR

RTLTL : 15h 43m 28s

1200 RTLTL=15h 43m 40s

0000 RTLTL=15h 43m 50s

VOYAGER 2

FDSL : 11AF

CCSL : B101
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: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8