

ISSUE DATE: 11/04/98 - 07:10

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

VOYAGER 1

FDSL : 11AF

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

S/C 31 STATUS

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -15.100 sec

ROLLREF = RIGIL
KENTAURUS

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

31 0935 |----- 54 [D] -----| 1840

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

DSN COVERAGE 32 ----- 34 [o] -----| 1405 0410 |----- 45 [D] -----|

HPTXR

RTLTL : 15h 42m 22s

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: 30.934 sec

ROLLREF = VEGA

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: 11/04/98 - 07:10

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

<p>FRIDAY NOVEMBER 6, 1998 310-311</p>	
<p>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</p>	
<p>RTLTL : 20h 9m 42s VOYAGER 1 FDSL : 11AF CCSL : A029 TWNC : ON SB : OFF XB : HI PYR : .05/ .10/ .25 GYROS : OFF</p>	<p>1200 RTLTL=20h 9m 50s 1806 SLEW->HELIO-1C 2016 AAI 2019 ----- MAGROL ----- 0214 0207 RAI 0214 CRU 0214 GYROS OFF SLEW->HELIO-2C 0606 ↓</p>
<p>FDS MODE</p>	<p>CR-5T</p>
<p>XB DATA RATE (MI)</p>	<p>160 (32)</p>
<p>31 HPTXR DSN COVERAGE 32 HPTXR</p>	<p>1310 ----- 65 [D] ----- 1930 1935 -- 14 [D] -- 2145 2120 ----- 15 [D] ----- 0315 45 [D] ----- 1425 2250 ----- 34 [o] ----- </p>
<p>RTLTL : 15h 42m 44s</p>	<p>1200 RTLTL=15h 42m 56s 0000 RTLTL=15h 43m 6s</p>
<p>VOYAGER 2 FDSL : 11AF CCSL : B101 TWNC : ON SB : OFF XB : LOW PYR : .05/ .10/ .25 GYROS : OFF</p>	
<p>FDS MODE</p>	<p>CR-5T</p>
<p>XB DATA RATE (MI)</p>	<p>160 (32)</p>
<p>VOYAGER COVERAGE</p>	<p>----- ON CALL ----- ----- VGR ----- ----- ON CALL ----- </p>
<p>NOTES</p>	<p>[1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (2019-0214)</p>

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: 11/04/98 - 07:10

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

2240 | - - - - - 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: 11/04/98 - 07:10

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 ↓

FDSL : 11AF

TLC (SHORT-FORM) | D/L -| 1206

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

2250 |----- 34 [o] -----

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

ISSUE DATE: 11/04/98 - 07:10

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 9, 1998
313-314

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 30s

1200 RTLTL=20h 10m 38s

0000 RTLTL=20h 10m 46s

VOYAGER 1

↓ 1806 SLEW->HELIO-7C

SLEW->HELIO-8C 0606 ↓

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

1445 |----- 65 [D] -----| 1915

1920 |----- 15 [D] -----| 0300

DSN COVERAGE
HPTXR

32

34 [o] -----| 1355

0050 |----- 34 [o] -----

HPTXR

RTLTL : 15h 43m 50s

1200 RTLTL=15h 44m 2s

0000 RTLTL=15h 44m 12s

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

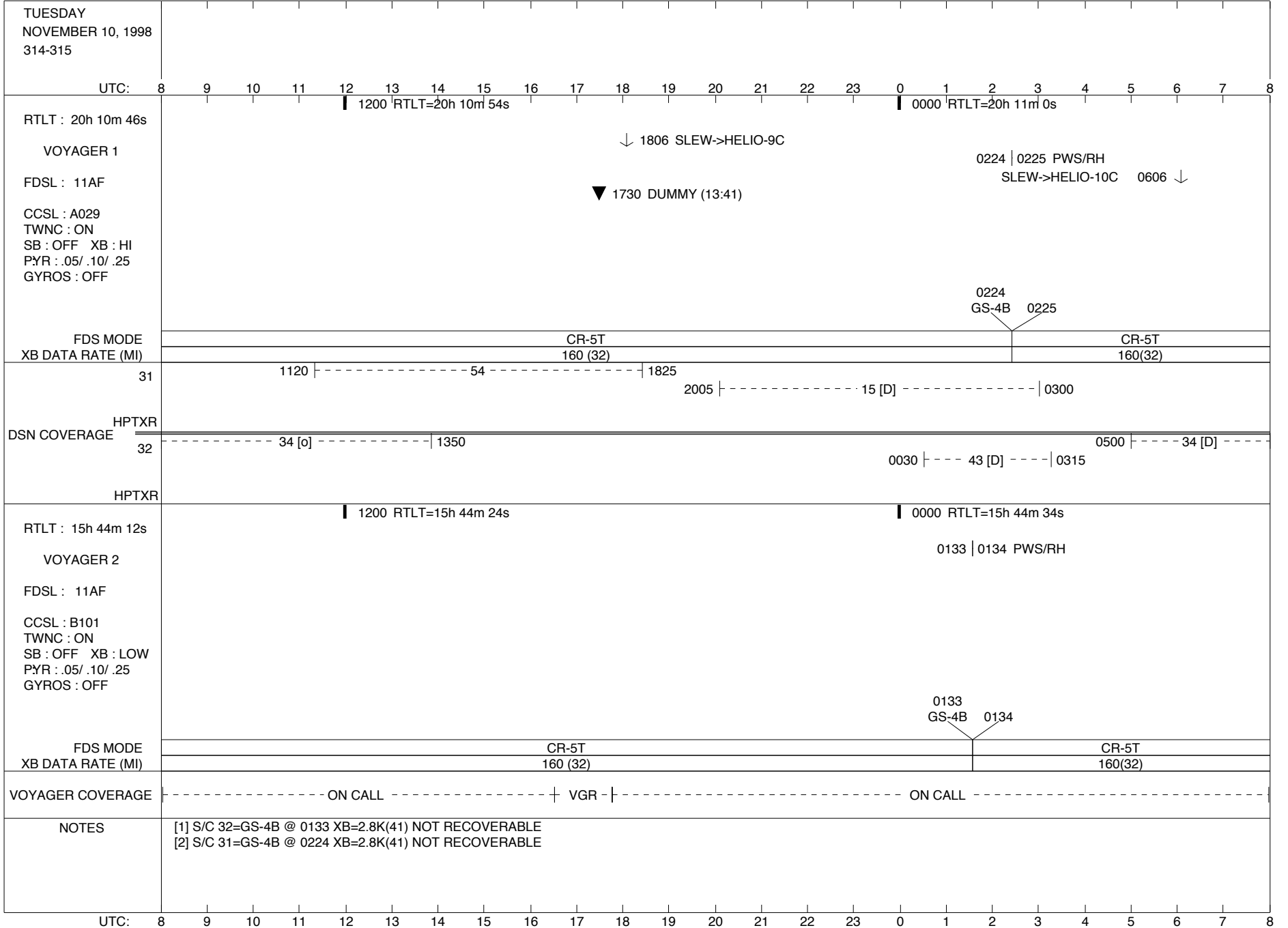
ON CALL

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: 11/04/98 - 07:10

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: 11/04/98 - 07:10

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 11, 1998
315-316

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 11m 0s

VOYAGER 1

FDSL : 11AF

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

↓ 1806 SLEW->MIDPNT-C
1839 | PLSCAL | 2021
1839 | --- MAGCAL --- | 2141
1839 | --- PESCAL --- | 2159

↓ 0249 X/B LOW POWER
↓ 0253 BAY 1 HTR ON

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31

1005 | --- 61 [D] --- | 1315

1300 | --- 65 [D] --- | 1910

2220 | --- 15 [D] --- | 0255

DSN COVERAGE
HPTXR

32

--- 34 [D] --- | 1150

0415 | --- 34 [o] ---

1135 | --- 43 --- | 1405

HPTXR

RTLTL : 15h 44m 34s

VOYAGER 2

FDSL : 11AF

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

1200 RTLTL=15h 44m 44s

1621 | --- COMMAND MORATORIUM --- | 0000 RTLTL=15h 44m 56s

▼ 1202 EL-40 (03:47)

▼ 1217 SCAN PLATFORM PWR DOWN M/S (04:02)

▼ 1236 DUMMY (04:21)

▼ 1240 CR-5T (04:25)

ISS NA ELEC REPL HTR OFF 0736 ↓
ISS WA ELEC REPL HTR OFF 0746 ↓↓
IRIS REPL HTR OFF 0757 ↓

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

* 0348 *
* 0426 *
EL-40

CR-5T
160(32)

40

VOYAGER COVERAGE

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

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: 11/04/98 - 07:10

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 12, 1998
316-317

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 11m 16s

1200 RTLTL=20h 11m 22s

0000 RTLTL=20h 11m 30s

VOYAGER 1

↓ 1806 SLEW->HELIO-11C

SLEW->HELIO-12C 0606 ↓

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

1130 |----- 65 [D] -----

1905

1915 |----- 25 [D] ----- | 0225

DSN COVERAGE
HPTXR

32

34 [o] ----- | 1340

2135 |----- 43 [D] ----- | 0305

0545 |--- 34 [o] ---

HPTXR

RTLTL : 15h 44m 56s

1200 RTLTL=15h 45m 6s

0000 RTLTL=15h 45m 16s

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

VOYAGER 2

↓ 0807 UVS OFF

↓ 0817 UVS REPL HTR OFF

| 0831 - 0833 AACS MRO

↓ 0843 AZ ACT COIL HEAT OFF

↓ 0853 AZ ACT HTR OFF

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

--- 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: 11/04/98 - 07:10

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 13, 1998
317-318

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 11m 30s

1200 RTLT=20h 11m 38s

0000 RTLT=20h 11m 44s

VOYAGER 1

↓ 1806 SLEW->HELIO-13C

SLEW->HELIO-14C 0607 ↓

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

1135 |-----65 [D]-----| 1900

2210 |-----15 [D]-----| 0245

DSN COVERAGE
HPTXR

32

34 [o]-----| 1335

2230 |-----34 [o]-----

HPTXR

RTLT : 15h 45m 16s

1200 RTLT=15h 45m 28s

0000 RTLT=15h 45m 38s

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

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: 11/04/98 - 07:10

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 14, 1998
318-319

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 11m 44s

1200 RTLTL=20h 11m 52s

0000 RTLTL=20h 11m 58s

VOYAGER 1

↓ 1807 SLEW->HELIO-15C

SLEW->HELIO-16C 0607 ↓

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

1125 |----- 65 [D] -----| 1900

1905 |----- 25 [D] -----| 0215

DSN COVERAGE
HPTXR

32

34 [o] -----| 1335

2215 |----- 34 [D] -----|

HPTXR

RTLTL : 15h 45m 38s

1200 RTLTL=15h 45m 48s
----- COMMAND MORATORIUM -----| 1620

0000 RTLTL=15h 46m 0s

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: 11/04/98 - 07:10

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 15, 1998
319-320

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 11m 58s

1200 RTLTL=20h 12m 6s

0000 RTLTL=20h 12m 12s

VOYAGER 1

↓ 1807 SLEW->HELIO-17C

SLEW->HELIO-18C 0607 ↓

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

1125

65 [D]

1855

1835

15 [D]

0240

DSN COVERAGE
HPTXR

32

34 [D]

1330

0605

34 [D]

HPTXR

RTLTL : 15h 46m 0s

1200 RTLTL=15h 46m 10s

0000 RTLTL=15h 46m 20s

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: 11/04/98 - 07:10

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 16, 1998
320-321

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 12m 12s

1200 RTLTL=20h 12m 20s

0000 RTLTL=20h 12m 26s

VOYAGER 1

↓ 1807 SLEW->HELIO-19C

SLEW->HELIO-20C 0607 ↓

FDSL : 11AF

U/L 1630 | - | - - - - - TLC (SHORT-FORM) - - - - -

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

1350 | - - - - - 63 [T] - - - - - | 1710

1700 | - - 65 [D] - - | 1850

2205 | - - - - - 15 [D] - - - - - | 0235

DSN COVERAGE
HPTXR

32

34 [D] - - - - - | 1130

0205 | - - - - - 34 [o] - - - - -

1115 | - - - - - 43 - - - - - | 1345

HPTXR

1200 RTLTL=15h 46m 30s

0000 RTLTL=15h 46m 40s

RTLTL : 15h 46m 20s

VOYAGER 2

1030 | | 1039 FPA MODS

* 0413 | | 0424 CCS TLM RESET

1130 | | 1150 AACS MRO

1150 | | 1201 CCS MRO

1201 | | 1214 FDS MRO

▼ 1220 DUMMY (04:06)

▼ 1227 CCS TLM RESET (04:13)

▼ 1230 CCS TLM RESET (04:17)

▼ 1238 CCS TLM RESET (04:24)

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)

1116 1214
EH-12
[1]

CR-5T
160(32)

VOYAGER COVERAGE

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

NOTES

[1] XB = 1.2K(39) @ 11:16

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: 11/04/98 - 07:10

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
NOVEMBER 17, 1998
321-322

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 12m 26s

1200 RTLTL=20h 12m 34s

0000 RTLTL=20h 12m 40s

0200 | 0201 PWS/RH

VOYAGER 1

FDSL : 11AF

----- TLC (SHORT-FORM) ----- | D/L | 1410

CCSL : A029

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

0201
GS-4B 0201

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31

1415 |----- 54 [D] -----| 1755

2200 |----- 15 [D] -----| 0230

DSN COVERAGE
HPTXR

32

----- 34 [o] -----| 1320

2135 |----- 43 [B] -----| 0250
0400 |----- 45 [D] -----|

HPTXR

RTLTL : 15h 46m 40s

1200 RTLTL=15h 46m 50s

0000 RTLTL=15h 47m 2s

VOYAGER 2

0110 | 0111 PWS/RH

0122 |----- DTR MAINT -----| 0648

0248 |----- PLSCAL -----| 0430

0248 |----- MAGCAL -----| 0550

0248 |----- PESCAL -----| 0608

TAPPOS 0650 |-----

FDSL : 11AF

CCSL : B101

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

0110
GS-4B 0111

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

VOYAGER COVERAGE

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

NOTES

- [1] S/C 32=GS-4B @ 0110 XB=2.8K(41) NOT RECOVERABLE
- [2] S/C 31=GS-4B @ 0201 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: 11/04/98 - 07:10

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 18, 1998
322-323

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 12m 40s

1200 RTLT=20h 12m 46s

0000 RTLT=20h 12m 54s

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

1450 |----- 14 [D] -----| 2050

2200 |----- 15 [D] -----| 0225

DSN COVERAGE
HPTXR

32

----- 45 [D] -----| 1340

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

HPTXR

RTLT : 15h 47m 2s

1200 RTLT=15h 47m 12s

0000 RTLT=15h 47m 22s

VOYAGER 2

FDSL : 11AF

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

TAPPOS | 0924

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: 11/04/98 - 07:10

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 19, 1998
323-324

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 12m 54s

1200 RTLT=20h 13m 0s

0000 RTLT=20h 13m 6s

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

1700 | - 65 [D] - | 1840

1830 | - - - - - 25 [D] - - - - - | 0155

DSN COVERAGE
HPTXR

32

----- 45 [D] ----- | 1330

2125 | - - - - - 43 [B] - - - - - | 0240

0545 | - - 34 [o] - - -

HPTXR

RTLT : 15h 47m 22s

1200 RTLT=15h 47m 32s

0000 RTLT=15h 47m 42s

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: 11/04/98 - 07:10

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 20, 1998
324-325

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 13m 6s

1200 RTLTL=20h 13m 12s

0000 RTLTL=20h 13m 20s

VOYAGER 1

↓ 1936 BAY 1 HTR ON

FDSL : 11AF

▼ 1530 DUMMY (11:43)
↓ 1531 BAY 1 HTR OFF
↓ 1535 X/B HI POWER

U/L 1610 |---| TLC (SHORT-FORM) |---|

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

1815 |---| 1835 AACS MRO
1835 |---| 1846 CCS MRO
1846 |---| 1859 FDS MRO
↓ 1932 X/B LOW POWER

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

1601

EH-12
1.2K(39)

1859

CR-5T
160(32)

31

1445 |---| 14 [T] |---| 2030

2305 |---| 25 [D] |---| 0155

63 [D] 0705 |---|

DSN COVERAGE
HPTXR

32

34 [o] |---| 1310

2145 |---| 34 [o] |---|

HPTXR

RTLTL : 15h 47m 42s

1200 RTLTL=15h 47m 52s

0000 RTLTL=15h 48m 2s

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

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: 11/04/98 - 07:10

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 21, 1998
325-326

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 13m 20s

1200 RTLTL=20h 13m 26s

0000 RTLTL=20h 13m 32s

VOYAGER 1

↓ 1907 SLEW->HELIO-1B

SLEW->HELIO-2B 0707 ↓

FDSL : 11AF

-- TLC (SHORT-FORM) -- | D/L - | 1251

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 ----- 63 [D] ----- | 1135

1115 |----- 54 [D] ----- | 1740

1815 |----- 15 [D] ----- | 0215

DSN COVERAGE
HPTXR

32 ----- 34 [o] ----- | 1305

0120 |----- 34 [D] -----

HPTXR

RTLTL : 15h 48m 2s

1200 RTLTL=15h 48m 12s

0000 RTLTL=15h 48m 22s

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: 11/04/98 - 07:10

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 22, 1998
326-327

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 13m 32s

1200 RTLTL=20h 13m 38s

0000 RTLTL=20h 13m 44s

VOYAGER 1

↓ 1907 SLEW->HELIO-3B

SLEW->HELIO-4B 0708 ↓

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

1145 |-----65 [D]-----| 1825

1800 |-----25 [D]-----| 0145

DSN COVERAGE
HPTXR

32

34 [D]-----| 1300

0600 |---34 [D]---

HPTXR

RTLTL : 15h 48m 22s

1200 RTLTL=15h 48m 32s

0000 RTLTL=15h 48m 42s

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