

ISSUE DATE: 01/29/03 - 06:49

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
JANUARY 30, 2003
030-031

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 : 24h 18m 46s
VOYAGER 1

▼ 1140 DUMMY (11:59)
U/L 1200 | - | - - - - - TLC (SHORT-FORM) - - - - -

FDSL : 11AF

S/C 31 STATUS
FDS CLOCK DRIFT: ADD TO S/C EVENT ERT: -22.955 sec
ROLLREF = RIGIL KENTAURUS

CCSL : A046
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

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

31 1020 | - - - - - 14 [T] - - - - - | 1250
1230 | - - - - - 25 [D] - - - - - | 2115 0345 - 0745 | - - - - - 65 [D,1] - - - - - |

DSN COVERAGE HPTXR

32 - - - - - | 0855 45 [D] 2000 | - - - - - 45 [D] - - - - - | 0115 0450 | - - - - - 45 [D] - - - - - |

HPTXR 0110 | - - - - - 43 [B,1] - - - - - | 0510

RTLT : 19h 26m 16s
VOYAGER 2

▼ 1200 RTLT=19h 26m 18s
▼ 0000 RTLT=19h 26m 20s

FDSL : 11AF

S/C 32 STATUS
FDS CLOCK DRIFT: ADD TO S/C EVENT ERT: -2:20.640 min
ROLLREF = VEGA

DUMMY CC (5 MIN BRACKETED NO D/L) [NOTE 2] 0212 ▼

CCSL : B118
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 - - - | VGR - | - - - - - ON CALL - - - - - |

NOTES [1] NSP DEMO, ALL DATA TO FLIGHT BROADCAST AND TDS
[2] USE NEW COMMAND SYSTEM

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: 01/29/03 - 06:49

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
JANUARY 31, 2003
031-032

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 : 24h 18m 44s

1200 RTLT=24h 18m 42s

0000 RTLT=24h 18m 40s

VOYAGER 1

--- TLC (SHORT-FORM) --- | D/L | 1346

0213 | - | 0241 TAPPOS

FDSL : 11AF

TAPPOS 0723- 0737 | |

CCSL : A046

↓ 1334 GYRO INIT
↓ 1334 GYROS AB ON
↓ 1344 GYRO FAULT TEST

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

1437 || 1443 CCSTIM(B)

0515 || 0516 PWS/RH

0516
GS-4B 0516

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

CR-5T

160(32)

31

1040 |-----| 15 [D] -----| 1900

1840 |-----| 45 [D] -----| 2245

DSN COVERAGE
HPTXR

32

45 [D] | 0900

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

HPTXR

RTLT : 19h 26m 20s

1200 RTLT=19h 26m 20s

0000 RTLT=19h 26m 22s

VOYAGER 2

FDSL : 11AF

CCSL : B118

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 @ 0516 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: 01/29/03 - 06:49

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
FEBRUARY 1, 2003
032-033

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 : 24h 18m 40s

1200 RTLT=24h 18m 40s

0000 RTLT=24h 18m 38s

VOYAGER 1

FDSL : 11AF

CCSL : A046
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : AB ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1245 |-----15 [D]-----| 1850

DSN COVERAGE
HPTXR

32

---|0850 45 [D]

1705 |-----45 [D]-----| 2245

0135 |---34 [D]---| 0415

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

HPTXR

RTLT : 19h 26m 22s

1200 RTLT=19h 26m 24s

0000 RTLT=19h 26m 24s

VOYAGER 2

FDSL : 11AF

CCSL : B118
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: 01/29/03 - 06:49

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
FEBRUARY 2, 2003
033-034

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 : 24h 18m 38s

1200 RTLTL=24h 18m 38s

0000 RTLTL=24h 18m 36s

VOYAGER 1

FDSL : 11AF

CCSL : A046
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : AB ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1300

25 [D]

2100

0500

54 [D]

DSN COVERAGE
HPTXR

32

0850 45 [D]

1730

34 [D]

2245

0045

45 [D]

HPTXR

RTLTL : 19h 26m 24s

1200 RTLTL=19h 26m 26s

0000 RTLTL=19h 26m 26s

VOYAGER 2

FDSL : 11AF

CCSL : B118
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: 01/29/03 - 06:49

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
FEBRUARY 3, 2003
034-035

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 : 24h 18m 36s

1200 RTLT=24h 18m 34s

0000 RTLT=24h 18m 34s

VOYAGER 1

FDSL : 11AF

CCSL : A046
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : AB ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1345 |----- 15 [D] -----| 1930

| 0810 54 [D]

0450 |----- 54 [D] -----

DSN COVERAGE
HPTXR

32

--- | 0845 45 [D]

0015 |----- 45 [D] -----| 0615

HPTXR

RTLT : 19h 26m 26s

1200 RTLT=19h 26m 28s

0000 RTLT=19h 26m 28s

VOYAGER 2

FDSL : 11AF

CCSL : B118
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: 01/29/03 - 06:49

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
FEBRUARY 4, 2003
035-036

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 : 24h 18m 34s

1200 RTLTL=24h 18m 32s

0000 RTLTL=24h 18m 30s

VOYAGER 1

↓ 1434 GYRO INIT

2251 || 2252 PWS/RH

FDSL : 11AF

CCSL : A046
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : AB ON

2251
GS-4B

2252

FDS MODE
XB DATA RATE (MI)

CR-5T

CR-5T

160(32)

160(32)

31

1440 |----- 25 [D] -----| 2055

DSN COVERAGE
HPTXR

| 0810 54 [D]

32

2120 |----- 45 [D] -----| 0130

HPTXR

RTLTL : 19h 26m 28s

1200 RTLTL=19h 26m 30s

0000 RTLTL=19h 26m 30s

VOYAGER 2

2159 |----- DTR MAINT -----| 0325

FDSL : 11AF

CCSL : B118
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

0327 || 0330 TAPPOS

2148 || 2149 PWS/RH

2148
GS-4B

2149

FDS MODE
XB DATA RATE (MI)

CR-5T

CR-5T

160 (32)

160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 32=GS-4B @ 2148 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 2251 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: 01/29/03 - 06:49

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
FEBRUARY 5, 2003
036-037

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 : 24h 18m 30s

1200 RTLT=24h 18m 30s

0000 RTLT=24h 18m 28s

VOYAGER 1

1507 | PLSCAL - | 1649

1507 | --- MAGCAL --- | 1809

1507 | ---- PESCAL ---- | 1827

FDSL : 11AF

CCSL : A046
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : AB ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1415 | ----- 25 [D] ----- | 2045

0315 - 0715 | ----- 65[D,1] ----- |

DSN COVERAGE
HPTXR

32

1655 | ----- 45 [D] ----- | 2115

0400 | ----- 45 [D] ----- |

HPTXR

RTLT : 19h 26m 30s

1200 RTLT=19h 26m 30s

0000 RTLT=19h 26m 32s

VOYAGER 2

FDSL : 11AF

CCSL : B118
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

[1] NSP DEMO, ALL DATA TO FLIGHT BROADCAST AND TDS

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: 01/29/03 - 06:49

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
FEBRUARY 6, 2003
037-038

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 : 24h 18m 28s

1200 RTLT=24h 18m 26s

0000 RTLT=24h 18m 24s

VOYAGER 1

FDSL : 11AF

CCSL : A046
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : AB ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1635 |----- 25 [D] -----| 2045

DSN COVERAGE
HPTXR

32

--| 0835 45 [D]

1900 |----- 34 [o] -----| 2345

0010 |----- 45 [D,2] -----| 0615
2315 |----- 43 [o,1] -----| 0315

HPTXR

RTLT : 19h 26m 32s

1200 RTLT=19h 26m 32s

0000 RTLT=19h 26m 32s

VOYAGER 2

FDSL : 11AF

CCSL : B118
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 -----

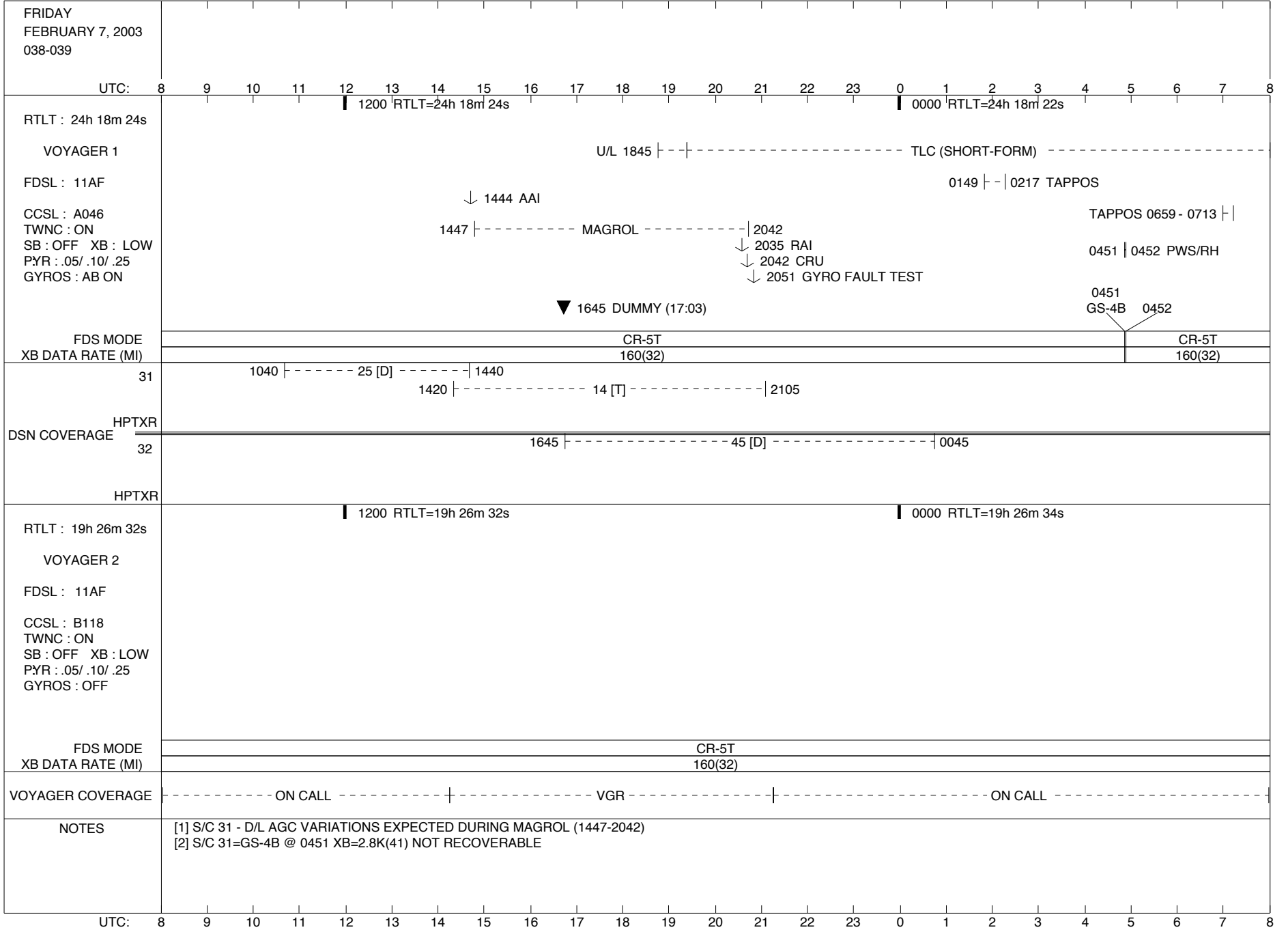
NOTES

[1] NPS DEMO, DSS-43 PRIME, ALL DATA TO FLIGHT BROADCAST AND TDS
[2] PUT DSS-45 TO BROADCAST CHANNEL 3

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: 01/29/03 - 06:49

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: 01/29/03 - 06:49

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
FEBRUARY 8, 2003
039-040

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 : 24h 18m 22s

1200 RTLT=24h 18m 20s

0000 RTLT=24h 18m 18s

VOYAGER 1

----- TLC (SHORT-FORM) -----+ D/L -| 2031

FDSL : 11AF

CCSL : A046
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : AB ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1345 |----- 25 [D] -----| 2035

DSN COVERAGE HPTXR

32

2310 |----- 34 [D] -----| 0700

HPTXR

RTLT : 19h 26m 34s

1200 RTLT=19h 26m 34s

0000 RTLT=19h 26m 34s

VOYAGER 2

FDSL : 11AF

CCSL : B118
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: 01/29/03 - 06:49

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
FEBRUARY 9, 2003
040-041

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 : 24h 18m 18s

1200 RTLT=24h 18m 16s

0000 RTLT=24h 18m 14s

VOYAGER 1

FDSL : 11AF

CCSL : A046
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : AB ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1400 |----- 15 [D] -----| 2105

0425 |----- 54 [D] -----|

DSN COVERAGE HPTXR

32

1700 |----- 34 [D] -----| 2045

HPTXR

RTLT : 19h 26m 34s

1200 RTLT=19h 26m 34s

0000 RTLT=19h 26m 34s

VOYAGER 2

FDSL : 11AF

CCSL : B118
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: 01/29/03 - 06:49

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
FEBRUARY 10, 2003
041-042

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 : 24h 18m 14s
VOYAGER 1
FDSL : 11AF
CCSL : A046
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : AB ON

1200 RTLTL=24h 18m 14s

0000 RTLTL=24h 18m 12s

- ↓ 1816 ALL DB=.05
- ↓ 1832 AAI
- 1833 | - - | 1910 ASCAL
- ↓ 1907 RAI
- ↓ 1910 GYROS OFF
- ↓ 1910 CRU
- ↓ 1919 ROLL=.25
- ↓ 1919 YAW=.10

FDS MODE
XB DATA RATE (MI)

	1801	1913	
CR-5T	EL-40	CR-5T	
160(32)	40(30)	160(32)	

31	54 [D] - - 1000	0255 - - - - - 65 [D] - - - - -
	0940 - - - - - 14 - - - - - 1230	
HPTXR	1655 - - - - - 15 [D] - - - - - 2100	
DSN COVERAGE	1655 - - - - - 45 [D] - - - - - 2245	0610 - - 43 [B] - -
32		
HPTXR		

RTLTL : 19h 26m 34s
VOYAGER 2
FDSL : 11AF
CCSL : B118
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=19h 26m 34s

0000 RTLTL=19h 26m 34s

- ↓ 1926 BEGIN SEQUENCE B119

DUMMY (5 MIN BRACKETED 02:44) 0717 ▼

FDS MODE
XB DATA RATE (MI)

	CR-5T
	160(32)

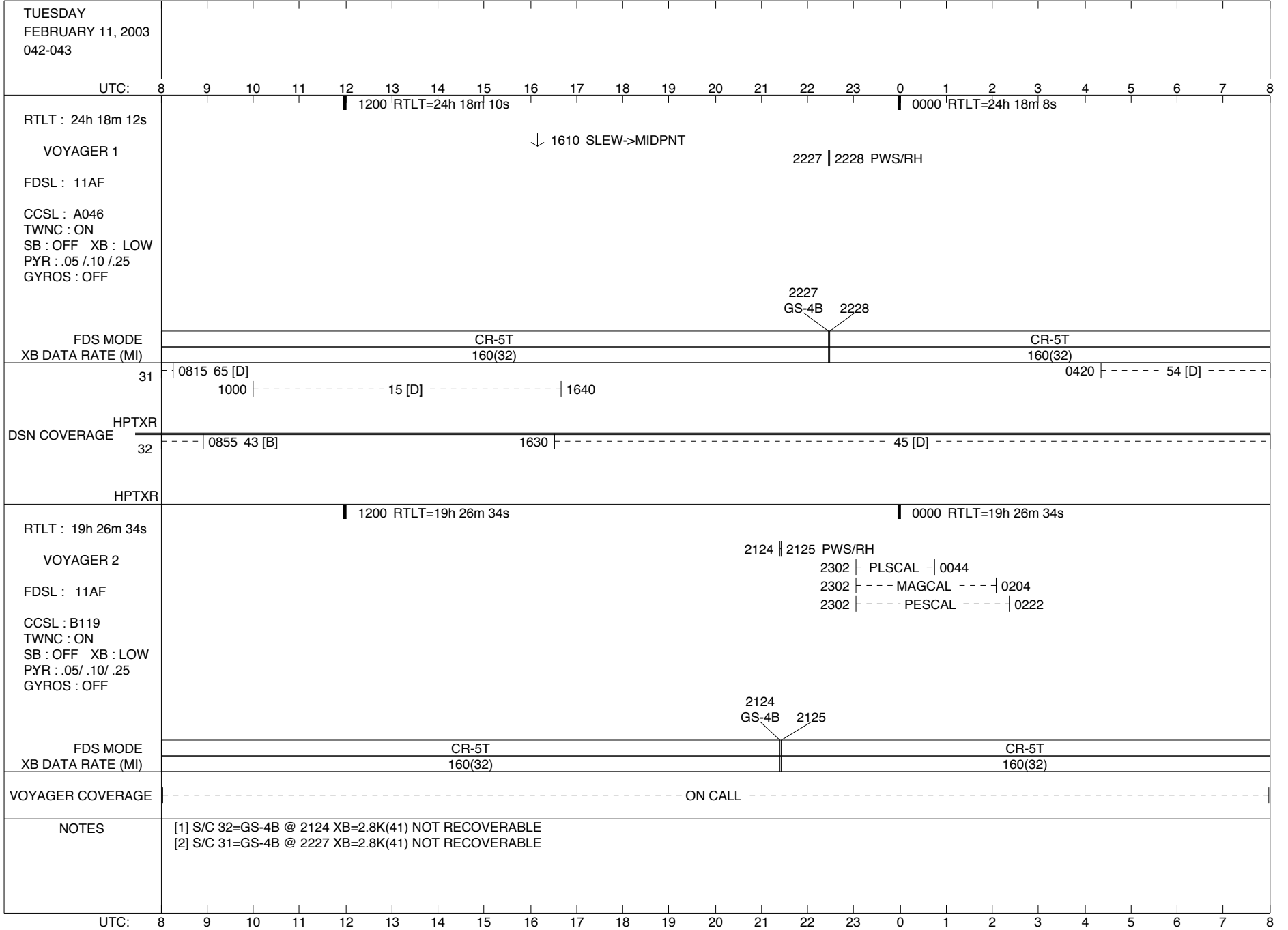
VOYAGER COVERAGE - - - - - ON CALL - - - - - | - - VGR - - - - - | - - ON CALL - - - - - | - - VGR - - - - -

NOTES [1] S/C 31 - D/L AGC/SNR VARIATIONS EXPECTED DURING ASCAL (1833-1910)

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: 01/29/03 - 06:49

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: 01/29/03 - 06:49

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
FEBRUARY 12, 2003
043-044

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 : 24h 18m 8s

1200 RTLT=24h 18m 6s

0000 RTLT=24h 18m 4s

VOYAGER 1

↓ 1610 SLEW->HELIO-11B

FDSL : 11AF

DUMMY (05:13) 0455 ▼

CCSL : A046
TWNC : ON
SB : OFF XB : LOW
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 --- 54 [D] --- | 1035

1545 |----- 15 [D] -----| 1945

0415 |----- 54 [D] -----

DSN COVERAGE
HPTXR

32 | 0810 45 [D]

0330 |----- 45 [D] -----

HPTXR

RTLT : 19h 26m 34s

1200 RTLT=19h 26m 34s

0000 RTLT=19h 26m 34s

VOYAGER 2

FDSL : 11AF

CCSL : B119
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: 01/29/03 - 06:49

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
FEBRUARY 13, 2003
044-045

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 : 24h 18m 4s

1200 RTLT=24h 18m 2s

0000 RTLT=24h 18m 0s

VOYAGER 1

↓ 1610 SLEW->HELIO-12B

FDSL : 11AF

CCSL : A046
TWNC : ON
SB : OFF XB : LOW
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31 --- 54 [D] --- | 1020

0955 |----- 15 [D] ----- | 1745

0415 |--- 54 [D] --- | 0645

DSN COVERAGE
HPTXR

32 | 0810 45 [D]

0145 |----- 45 [D] -----

HPTXR

RTLT : 19h 26m 34s

1200 RTLT=19h 26m 34s

0000 RTLT=19h 26m 34s

VOYAGER 2

FDSL : 11AF

CCSL : B119
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: 01/29/03 - 06:49

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
FEBRUARY 14, 2003
045-046

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 : 24h 18m 0s

1200 RTLT=24h 17m 58s

0000 RTLT=24h 17m 58s

VOYAGER 1

↓ 1610 SLEW->HELIO-13B

0427 | 0428 PWS/RH

FDSL : 11AF

0125 | - | 0153 TAPPOS

CCSL : A046
TWNC : ON
SB : OFF XB : LOW
PYR : .05 / .10 / .25
GYROS : OFF

TAPPOS 0634 | | 0649

0427
GS-4B 0428

FDS MODE
XB DATA RATE (MI)

CR-5T

CR-5T

160(32)

160(32)

31

1650 | ----- 15 [D] ----- | 2045

0405 | ----- 54 [D] -----

DSN COVERAGE
HPTXR

32

0805 45 [D]

0335 - 0800 | ----- 45 [D] -----

HPTXR

RTLT : 19h 26m 34s

1200 RTLT=19h 26m 34s

0000 RTLT=19h 26m 34s

VOYAGER 2

FDSL : 11AF

CCSL : B119
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

[1] S/C 31=GS-4B @ 0427 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: 01/29/03 - 06:49

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
FEBRUARY 15, 2003
046-047

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 : 24h 17m 58s

1200 RTLT=24h 17m 56s

0000 RTLT=24h 17m 54s

VOYAGER 1

↓ 1610 SLEW->HELIO-14B

FDSL : 11AF

CCSL : A046
TWNC : ON
SB : OFF XB : LOW
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 --- 54 [D] --- | 1025

1820 |----- 45 [D] ----- | 2215

0405 |----- 54 [D] -----

DSN COVERAGE
HPTXR

32 0800 45 [D]

2300 |----- 45 [D] ----- | 0505

HPTXR

RTLT : 19h 26m 34s

1200 RTLT=19h 26m 34s

0000 RTLT=19h 26m 32s

VOYAGER 2

FDSL : 11AF

CCSL : B119
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: 01/29/03 - 06:49

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
FEBRUARY 16, 2003
047-048

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 : 24h 17m 54s

1200 RTLT=24h 17m 52s

0000 RTLT=24h 17m 50s

VOYAGER 1

↓ 1610 SLEW->HELIO-15B

FDSL : 11AF

CCSL : A046
TWNC : ON
SB : OFF XB : LOW
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 54 [D] ----- | 1100

1735 |----- 45 [D] ----- | 2215

DSN COVERAGE
HPTXR

2300 - 0745 |----- 45 [D] ----- |

32

HPTXR

RTLT : 19h 26m 32s

1200 RTLT=19h 26m 32s

0000 RTLT=19h 26m 32s

VOYAGER 2

FDSL : 11AF

CCSL : B119
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