

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: August 13, 2003

For the Period: 08/14/03 to 08/31/03 (03-226 - 03-243)

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LEGEND: ∇ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 D = Downlink only pass
 A = Arrayed station
 U = Uplink only pass
 B = BLF
 [o] = Ramp-through
 H = High Power Transmitter
 T = TLC Uplink

*Electronic Copy Only
 (24 – Dist/N: Paper Copies)
 7/03/03

ISSUE DATE: 08/19/03 - 08:41

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 14, 2003
226-227

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 : 24h 38m 28s

1200 RTLT=24h 38m 40s

0000 RTLT=24h 38m 52s

VOYAGER 1

S/C 31 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -22:392 sec

CCSL : A048
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

ROLLREF = RIGIL
KENTAURUS

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31

1345 |----- 63 [D] -----| 1805

2330 |----- 14 [D] -----|

DSN COVERAGE
HPTXR

32

----- 43 [D] -----| 1030

0330 |----- 43 [D] -----|

HPTXR

RTLT : 19h 28m 18s

1200 RTLT=19h 28m 26s

0000 RTLT=19h 28m 34s

VOYAGER 2

S/C 32 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -2:44.426 min

CCSL : B121
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

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: 08/19/03 - 08:41

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 15, 2003
227-228

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 : 24h 38m 52s
VOYAGER 1
FDSL : 11AF
CCSL : A048
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLT=24h 39m 4s | 0000 RTLT=24h 39m 14s

1814 | 1815 PWS/RH

1511 | 1526 TAPPOS | 2021 | 2021 TAPPOS

1814 GS-4B 1815

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

31 | 0715 14 [D] | 1755 | 63 [D] | 1955 | 2215 | 26 [D] | 0230

HPTXR

DSN COVERAGE

32 | 43 [D] | 0925 | 0415 | 43 [D]

HPTXR

RTLT : 19h 28m 34s
VOYAGER 2
FDSL : 11AF
CCSL : B121
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLT=19h 28m 44s | 0000 RTLT=19h 28m 52s

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

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

NOTES [1] S/C 31=GS-4B @ 1814 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: 08/19/03 - 08:41

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 16, 2003
228-229

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 : 24h 39m 14s

1200 RTLT=24h 39m 26s

0000 RTLT=24h 39m 38s

VOYAGER 1

FDSL : 11AF

CCSL : A048
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1520 |-----63 [D]-----| 2105

2210 |-----26 [D]-----| 0400

DSN COVERAGE
HPTXR

32

43 [D] | 0800

1505 |-----43 [D]-----| 2045

0355 |-----43 [o]-----|

HPTXR

RTLT : 19h 28m 52s

1200 RTLT=19h 29m 0s

0000 RTLT=19h 29m 10s

VOYAGER 2

FDSL : 11AF

CCSL : B121
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: 08/19/03 - 08:41

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 17, 2003
229-230

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 : 24h 39m 38s

1200 RTLT=24h 39m 50s

0000 RTLT=24h 40m 2s

VOYAGER 1

FDSL : 11AF

CCSL : A048
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1430 |----- 63 [D] -----| 1940

2140 |----- 15 [D] -----|

DSN COVERAGE
HPTXR

32

----- 43 [o] -----| 1240

0320 |----- 43 [D] -----|

HPTXR

1220 |----- 34 [D] -----| 1525

RTLT : 19h 29m 10s

1200 RTLT=19h 29m 18s

0000 RTLT=19h 29m 26s

VOYAGER 2

FDSL : 11AF

CCSL : B121
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: 08/19/03 - 08:41

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 18, 2003
230-231

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 : 24h 40m 2s

1200 RTLT=24h 40m 12s

0000 RTLT=24h 40m 24s

VOYAGER 1

FDSL : 11AF

CCSL : A048
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1725 | -- 63 [D] --- | 1945

0000 - 0655 | ----- 24 [D] ----- |

15 [D] | 0805

DSN COVERAGE
HPTXR

32

----- 43 [D] ----- | 1030

43 [D] 0630 | --

HPTXR

1055 | ----- 34 [D] ----- | 1525

RTLT : 19h 29m 26s

1200 RTLT=19h 29m 36s

0000 RTLT=19h 29m 44s

VOYAGER 2

FDSL : 11AF

CCSL : B121
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: 08/19/03 - 08:41

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 19, 2003
231-232

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 : 24h 40m 24s

1200 RTLTL=24h 40m 36s

0000 RTLTL=24h 40m 48s

VOYAGER 1

0406 | PLSCAL - | 0548

FDSL : 11AF

0406 | --- MAGCAL ---

CCSL : A048
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1731 | 1733 TAPPOS

0406 | --- PESCAL ---

▼ 1630 DUMMY (17:11)

1151
GS-4B 1151

UL 1730 | - | - - - - - TLC (SHORT-FORM) - - - - -

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31

1535 | - - - - - 63 [T] - - - - - | 1945 2330 | - - - - - 26 [D] - - - - -

DSN COVERAGE
HPTXR

32

----- 43 [D] ----- | 1115

43 [B] 0645 |

HPTXR

RTLTL : 19h 29m 44s

1200 RTLTL=19h 29m 54s

0000 RTLTL=19h 30m 2s

VOYAGER 2

FDSL : 11AF

CCSL : B121
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1038
GS-4B 1039

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

CR-5T
160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 32=GS-4B @ 1038 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 1151 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: 08/19/03 - 08:41

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 20, 2003
232-233

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 : 24h 40m 48s

1200 RTLT=24h 41m 0s

0000 RTLT=24h 41m 10s

VOYAGER 1

FDSL : 11AF

| 0708 MAGCAL

CCSL : A048

-| 0726 PESCAL

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

----- TLC (SHORT-FORM) -----| D/L | 1938

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 ---| 0750 26 [D]

1430 |----- 63 [D] -----| 1945

2330 |----- 24 [D] -----| 0400

DSN COVERAGE
HPTXR

32

----- 43 [B] -----| 1950

0430 |--- 45 [D] ---

HPTXR

RTLT : 19h 30m 2s

1200 RTLT=19h 30m 12s

0000 RTLT=19h 30m 20s

VOYAGER 2

▼ 1917 DUMMY (5 MIN BRACKETED 14:48)

FDSL : 11AF

↓ 1600 AACS MEM U/D

CCSL : B121

↓ 1603 AACS MEM U/D

TWNC : ON

SB : OFF XB : LOW

1610 | 1612 AACS MRO

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: 08/19/03 - 08:41

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 21, 2003
233-234

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 : 24h 41m 10s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A048
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLTL=24h 41m 22s
 0000 RTLTL=24h 41m 34s

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

31 1445 |----- 65 [D] -----| 2305
 0050 |----- 26 [D] -----| 0605

HPTXR
 DSN COVERAGE 32 | 0730 45 [D] |----- 0300 |----- 43 [D] -----|
 1405 |----- 34 [D] -----| 1805

HPTXR

RTLTL : 19h 30m 20s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B121
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLTL=19h 30m 30s
 0000 RTLTL=19h 30m 38s

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: 08/19/03 - 08:41

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 22, 2003
234-235

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 : 24h 41m 34s

1200 RTLT=24h 41m 46s

0000 RTLT=24h 41m 58s

VOYAGER 1

FDSL : 11AF

CCSL : A048
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1430

63 [D]

0015

2355

26 [D]

0525

2045 26 [D,1] 2225

DSN COVERAGE

HPTXR

32

43 [D]

1320

1620

43 [D]

2020

HPTXR

RTLT : 19h 30m 38s

1200 RTLT=19h 30m 48s

0000 RTLT=19h 30m 58s

VOYAGER 2

FDSL : 11AF

CCSL : B121
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 X4.1.1 DEMO TRACK, TWO TLM CHANNELS. PRIME TLM AND MON TO VGRTISB0

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: 08/19/03 - 08:41

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 23, 2003
235-236

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 : 24h 41m 58s

1200 RTLT=24h 42m 10s

0000 RTLT=24h 42m 22s

VOYAGER 1

FDSL : 11AF

CCSL : A048
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

2145 |----- 26 [D] -----| 0230 0420 |--- 43 [D] ---|

DSN COVERAGE HPTXR

32

1500 |----- 45 [D] -----| 1935

HPTXR

RTLT : 19h 30m 58s

1200 RTLT=19h 31m 6s

0000 RTLT=19h 31m 16s

VOYAGER 2

FDSL : 11AF

CCSL : B121
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: 08/19/03 - 08:41

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 24, 2003
236-237

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 : 24h 42m 22s

1200 RTLT=24h 42m 34s

0000 RTLT=24h 42m 44s

VOYAGER 1

FDSL : 11AF

CCSL : A048
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 43 [D] - 0830

2140 ----- 26 [D] -----

DSN COVERAGE
HPTXR

32

34 [o] ----- 0715 - 1900

34 [D] 0645

HPTXR

RTLT : 19h 31m 16s

1200 RTLT=19h 31m 26s

0000 RTLT=19h 31m 34s

VOYAGER 2

FDSL : 11AF

CCSL : B121
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: 08/19/03 - 08:41

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 25, 2003
237-238

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 : 24h 42m 44s

1200 RTLT=24h 42m 56s

0000 RTLT=24h 43m 8s

VOYAGER 1

FDSL : 11AF

CCSL : A048
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

2130

26 [D]

0735 26 [D]

DSN COVERAGE
HPTXR

32

34 [D]

1900

HPTXR

RTLT : 19h 31m 34s

1200 RTLT=19h 31m 44s

0000 RTLT=19h 31m 54s

VOYAGER 2

FDSL : 11AF

CCSL : B121
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: 08/19/03 - 08:41

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 26, 2003
238-239

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 : 24h 43m 8s

1200 RTLTL=24h 43m 20s

0000 RTLTL=24h 43m 32s

VOYAGER 1

1128 | 1129 PWS/RH

↓ 1522 BAY 1 HTR OFF
↓ 1526 X/B HI POWER

FDSL : 11AF

↓ 0033 YAW=.05

YAW=.10 0551 ↓

CCSL : A048
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1622 | - TAPPOS - - | 1827

▼ 1615 DUMMY (16:59)

0043 | - - - - - PLAYBACK - - - - - | 0542

1128
GS-4B 1129

0043

0542

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

CR-5T

160(32)

PB-14

1.4K(39)

CR-5T

160(32)

31 - - | 0730 26 [D]

1445 | - - - - - 63 - - - - - | 1905

0015 | - - - - - 14 [D,3] - - - - -

DSN COVERAGE
HPTXR

32

1130 | - - - - - 34 [D] - - - - - | 1900

0240 | - - - - - 43 [D] - - - - -

HPTXR

RTLTL : 19h 31m 54s

1200 RTLTL=19h 32m 4s

0000 RTLTL=19h 32m 14s

VOYAGER 2

1015 | 1016 PWS/RH

1152 | PLSCAL - | 1335

1152 | - - - - - MAGCAL - - - - - | 1455

1152 | - - - - - PESCAL - - - - - | 1512

FDSL : 11AF

CCSL : B121
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1015
GS-4B 1016

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

CR-5T

160(32)

VOYAGER COVERAGE

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

NOTES

- [1] S/C 32=GS-4B @ 1015 XB=2.8K(41) NOT RECOVERABLE
- [2] S/C 31=GS-4B @ 1128 XB=2.8K(41) NOT RECOVERABLE
- [3] TWO TLM CHANNEL

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: 08/19/03 - 08:41

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 27, 2003
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

RTLT : 24h 43m 32s

1200 RTLT=24h 43m 44s

0000 RTLT=24h 43m 56s

VOYAGER 1

FDSL : 11AF

1623 | - - TAPPOS - - | 1842

CCSL : A048
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10 / .25
GYROS : OFF

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 14 [D,3] | 0815

1445 | - - - - - 63 [T] - - - - - | 1900

2330 | - - - - - 26 [D] - - - - - | 0310

DSN COVERAGE
HPTXR

32 - - | 0730 43 [D]

1340 | - - - - - 43 [B] - - - - - | 1925

HPTXR

RTLT : 19h 32m 14s

1200 RTLT=19h 32m 24s

0000 RTLT=19h 32m 32s

VOYAGER 2

FDSL : 11AF

▼ 1617 DUMMY (5 MIN BRACKETED 11:50)

CCSL : B121
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: 08/19/03 - 08:41

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 28, 2003
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 : 24h 43m 56s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A048
 TWNC : ON
 SB : OFF XB : HI
 PYR : .05/ .10 / .25
 GYROS : OFF

----- TLC (SHORT-FORM) ----- | D/L -| 1853

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

31 1645 |----- 63 [D] -----| 2045 2345 |----- 26 [D] -----|

DSN COVERAGE HPTXR

32 0930 |----- 45 [D] -----| 1330

HPTXR

RTLT : 19h 32m 32s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B121
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

----- 1200 RTLT=19h 32m 42s ----- 0000 RTLT=19h 32m 52s -----

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: 08/19/03 - 08:41

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 29, 2003
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 : 24h 44m 20s

1200 RTLT=24h 44m 32s

0000 RTLT=24h 44m 44s

VOYAGER 1

FDSL : 11AF

CCSL : A048
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 | 0720 26 [D]

1250 |----- 63 [D] -----| 1735

2115 |----- 26 [D] -----|

DSN COVERAGE
HPTXR

32

1245 |----- 45 [D] -----| 1905

0450 |--- 34 [D] ---|

HPTXR

RTLT : 19h 32m 52s

1200 RTLT=19h 33m 2s

0000 RTLT=19h 33m 12s

VOYAGER 2

FDSL : 11AF

CCSL : B121
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: 08/19/03 - 08:41

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 30, 2003
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 : 24h 44m 44s

1200 RTLT=24h 44m 56s

0000 RTLT=24h 45m 6s

VOYAGER 1

FDSL : 11AF

CCSL : A048
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 | 0715 26 [D]

1245 |----- 63 [D] -----| 1835

0030 |----- 14 [D] -----|

DSN COVERAGE
HPTXR

32 |--- 34 [D] ---| 0945

1300 |----- 34 [o] -----| 1840

34 [D] 0700

HPTXR

RTLT : 19h 33m 12s

1200 RTLT=19h 33m 22s

0000 RTLT=19h 33m 32s

VOYAGER 2

FDSL : 11AF

CCSL : B121
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: 08/19/03 - 08:41

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 31, 2003
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 : 24h 45m 6s

1200 RTLT=24h 45m 18s

0000 RTLT=24h 45m 30s

VOYAGER 1

FDSL : 11AF

CCSL : A048
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 14 [D] | 0800

1720 |----- 63 [D] -----| 2020

2040 |----- 15 [D] -----| 0505

DSN COVERAGE
HPTXR

32

----- 34 [D] -----

| 0700 - 1840

HPTXR

RTLT : 19h 33m 32s

1200 RTLT=19h 33m 42s

0000 RTLT=19h 33m 52s

VOYAGER 2

FDSL : 11AF

CCSL : B121
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