

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: August 6, 2003

For the Period: 08/07/03 to 08/24/03 (03-219 - 03-236)

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DSOT (1) 230-102

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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
 (25 – Dist/N: Paper Copies)
 7/03/03

ISSUE DATE: 08/06/03 - 09:03

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 7, 2003
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 : 24h 35m 52s

1200 RTLT=24h 36m 2s

0000 RTLT=24h 36m 14s

VOYAGER 1

S/C 31 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -22.426 sec

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

ROLLREF = RIGIL
KENTAURUS

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1450

63 [D]

2350

0405

24 [D]

DSN COVERAGE
HPTXR

32

43 [D] 0920

0430 45 [D]

0850 45 [D] 1200

1555 43 [D] 2110

HPTXR

RTLT : 19h 26m 26s

1200 RTLT=19h 26m 32s

0000 RTLT=19h 26m 40s

VOYAGER 2

S/C 32 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -2:43.534 min

CCSL : B120
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: 08/06/03 - 09:03

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 8, 2003
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

RTLTL : 24h 36m 14s

1200 RTLTL=24h 36m 24s

0000 RTLTL=24h 36m 36s

VOYAGER 1

1836 | 1837 PWS/RH

FDSL : 11AF

1534 | 1548 TAPPOS

2044 | 2044 TAPPOS

↓ 0317 AAI
0320 | --- MAGROL ---

DUMMY CC (06:07) 0530 ▼

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

U/L 0630 | - |
TLC (SHORT-FORM) |

1836
GS-4B 1837

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31 24 [D] | 0800

1505 | - - - - - 65 [D] - - - - - | 1930

2150 | - - - - - 14 [T,3] - - - - -

DSN COVERAGE
HPTXR

32 - - - - - 45 [D] - - - - - | 1215

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

HPTXR

RTLTL : 19h 26m 40s

1200 RTLTL=19h 26m 48s

0000 RTLTL=19h 26m 56s

VOYAGER 2

FDSL : 11AF

CCSL : B120
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=GS-4B @ 1836 XB=2.8K(41) NOT RECOVERABLE
- [2] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0320-0916)
- [3] TWO D/L CHANNELS

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: 08/06/03 - 09:03

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 9, 2003
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

RTLTL : 24h 36m 36s

1200 RTLTL=24h 36m 46s

0000 RTLTL=24h 36m 58s

VOYAGER 1

FDSL : 11AF

MAGROL --|0916

↓ 0908 RAI

↓ 0916 CRU

↓ 0916 GYROS OFF

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

TLC (SHORT-FORM)

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 --- 14 [T,3] --- |0935

1455 |----- 65 [D] -----| 1930

0520 |-- 43 [D] --|

2205 |----- 15 [D] -----| 0405

DSN COVERAGE
HPTXR

32 ----- 45 [D] -----| 1105

0430 |-- 45 [D] --|

HPTXR

RTLTL : 19h 26m 56s

1200 RTLTL=19h 27m 4s

0000 RTLTL=19h 27m 12s

VOYAGER 2

FDSL : 11AF

CCSL : B120
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

[1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0320-0916)
[3] TWO D/L CHANNELS

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: 08/06/03 - 09:03

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 10, 2003
222-223

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 36m 58s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A048
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05 / .10 / .25
 GYROS : OFF

---| TLC (SHORT-FORM)
 | D/L -| 0834

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

1200 RTLT=24h 37m 10s 0000 RTLT=24h 37m 20s

31 -- 43 [D] - | 0835 1455 |----- 65 [D] ----- | 1850 2200 |----- 15 [D] ----- | 0410 45 [D] 0605 |-----

HPTXR

DSN COVERAGE

32 ----- 45 [D] ----- | 1020 1025 |----- 34 [o] ----- | 2000 0350 |----- 43 [D] -----

HPTXR

RTLT : 19h 27m 12s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B120
 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 -----

1200 RTLT=19h 27m 20s 0000 RTLT=19h 27m 28s

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: 08/06/03 - 09:03

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 11, 2003
223-224

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 37m 20s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A048
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05 / .10 / .25
 GYROS : OFF

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

1200 RTLT=24h 37m 32s
 0000 RTLT=24h 37m 44s

31 ----- 45 [D] ----- | 1010
 2230 |----- 26 [D] ----- | 0255
 0600 | 45 [D]

HPTXR
 DSN COVERAGE
 32 ----- 43 [D] ----- | 1445
 1745 |----- 43 [D] ----- | 2105

HPTXR

RTLT : 19h 27m 28s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B120
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05 / .10 / .25
 GYROS : OFF

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

1200 RTLT=19h 27m 36s
 0000 RTLT=19h 27m 44s

↓ 1926 BEGIN SEQUENCE B121

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: 08/06/03 - 09:03

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 12, 2003
224-225

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 37m 44s

1200 RTLTL=24h 37m 54s

0000 RTLTL=24h 38m 6s

VOYAGER 1

1213 | 1214 PWS/RH

▼ 2215 DUMMY (22:53)

FDSL : 11AF

U/L 0000 | - | - - - - - TLC (SHORT-FORM) - - - - -

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

1213
GS-4B 1214

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31 - - - - - 45 [D] - - - - - | 1000

1445 | - - - - - 65 [D] - - - - - | 1810

2130 | - - - - - 14 [T] - - - - - | 0455

DSN COVERAGE
HPTXR

32

1540 | - - - - - 43 [B] - - - - - | 2025

HPTXR

RTLTL : 19h 27m 44s

1200 RTLTL=19h 27m 52s

0000 RTLTL=19h 28m 0s

VOYAGER 2

1101 | 1102 PWS/RH

▼ 1722 DUMMY (5 MIN BRACKETED 12:51)

FDSL : 11AF

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

1101
GS-4B 1102

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

CR-5T
160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 32=GS-4B @ 1101 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 1213 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: 08/06/03 - 09:03

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 13, 2003
225-226

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 6s

1200 RTLT=24h 38m 18s

0000 RTLT=24h 38m 28s

VOYAGER 1

FDSL : 11AF

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

TLC (SHORT-FORM) D/L - 0206

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1600 |-----63 [D]-----| 1950

2225 |-----26 [D]-----| 0250

DSN COVERAGE HPTXR

32

1210 |-----43 [D]-----| 2055

0340 |-----43 [D]-----|

HPTXR

RTLT : 19h 28m 0s

1200 RTLT=19h 28m 10s

0000 RTLT=19h 28m 18s

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: 08/06/03 - 09:03

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

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

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

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: 08/06/03 - 09:03

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

1200 RTLT=24h 39m 4s

0000 RTLT=24h 39m 14s

VOYAGER 1

1814 | 1815 PWS/RH

FDSL : 11AF

1511 | 1526 TAPPOS

2021 | 2021 TAPPOS

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

1814
GS-4B 1815

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31 | 0715 14 [D]

1755 | -- 63 [D] -- | 1955

2215 | ----- 26 [D] ----- | 0230

DSN COVERAGE
HPTXR

32 | --- 43 [D] --- | 0925

1555 | ----- 34 [D] ----- | 1945

0415 | --- 43 [D] ---

HPTXR

RTLT : 19h 28m 34s

1200 RTLT=19h 28m 44s

0000 RTLT=19h 28m 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

[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: 08/06/03 - 09:03

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: 08/06/03 - 09:03

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

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: 08/06/03 - 09:03

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

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: 08/06/03 - 09:03

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

VOYAGER 1

FDSL : 11AF

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

1150 | 1151 PWS/RH
1203 |----- DTR MAINT -----| 1727

1731 | 1733 TAPPOS

▼ 1630 DUMMY (17:11)

0406 | PLSCAL -| 0548
0406 | --- MAGCAL ---
0406 | --- PESCAL ---

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

HPTXR

----- 43 [D] ----- | 1115 43 [B] 0645 |

RTLTL : 19h 29m 44s

VOYAGER 2

FDSL : 11AF

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

1200 RTLTL=19h 29m 54s 0000 RTLTL=19h 30m 2s

1038
GS-4B 1039

1038 | 1039 PWS/RH

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: 08/06/03 - 09:03

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

-| 0726 PESCAL

CCSL : A048

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] ----- | 2020

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

HPTXR

RTLT : 19h 30m 2s

1200 RTLT=19h 30m 12s

0000 RTLT=19h 30m 20s

VOYAGER 2

FDSL : 11AF

▼ 1917 DUMMY (5 MIN BRACKETED 14:48)

CCSL : B121

↓ 1600 AACS MEM U/D

TWNC : ON

↓ 1603 AACS MEM U/D

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: 08/06/03 - 09:03

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

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

1200 RTLT=24h 41m 22s
 0000 RTLT=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

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

1200 RTLT=19h 30m 30s
 0000 RTLT=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: 08/06/03 - 09:03

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

1200 RTLT=24h 41m 46s
 0000 RTLT=24h 41m 58s

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

31 1430 |----- 63 [D] -----| 0015
 2355 |----- 26 [D] -----| 0525
 HPTXR 2045 | 26 [D,1] | 2225

DSN COVERAGE
 32 ----- 43 [D] -----| 1320
 1620 |----- 43 [D] -----| 2020
 HPTXR

RTLT : 19h 30m 38s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B121
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05 / .10 / .25
 GYROS : OFF

1200 RTLT=19h 30m 48s
 0000 RTLT=19h 30m 58s

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

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

NOTES
 [1] NSP X4.1.1 DEMO TRACK, TLM AND MON TO VGRTIS BC. TWO TLM CHANNELS.

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: 08/06/03 - 09:03

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: 08/06/03 - 09:03

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