

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: July 23, 2003

For the Period: 07/24/03 to 08/10/03 (03-205 - 03-222)

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NOPE (1)
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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: 07/22/03 - 13:08

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
JULY 24, 2003
205-206

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 30m 54s
VOYAGER 1
FDSL : 11AF
CCSL : A048
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=24h 31m 4s | 0000 RTLTL=24h 31m 14s

----- TLC (SHORT-FORM) ----- | D/L | 1959

S/C 31 STATUS

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -22.375 sec

ROLLREF = RIGIL
KENTAURUS

↓ 1816 SLEW->PARK

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

31 ----- 26 [D] ----- | 0940
1015 | ----- 43 [D] ----- | 1540
1600 | ----- 63 [D] ----- | 2000
2335 | ----- 25 [D] -----

HPTXR

DSN COVERAGE

32 ----- 45 [D] ----- | 1310
0500 | ----- 43 [D] -----

HPTXR

RTLTL : 19h 23m 14s
VOYAGER 2
FDSL : 11AF
CCSL : B120
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=19h 23m 20s | 0000 RTLTL=19h 23m 26s

S/C 32 STATUS

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -2:41.721 min

ROLLREF = VEGA

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: 07/22/03 - 13:08

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
JULY 25, 2003
206-207

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 31m 14s

1200 RTLTL=24h 31m 24s 0000 RTLTL=24h 31m 34s

VOYAGER 1

1922 || 1923 PWS/RH

FDSL : 11AF

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

1620 | 1634 TAPPOS

2129 | 2130 TAPPOS

1922
GS-4B 1923

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

CR-5T
160(32)

31 --- 25 [D] --- | 0935

1620 | ----- 65 [D] ----- | 2000

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

DSN COVERAGE

HPTXR

32 --- 43 [D] --- | 0950

1305 | ----- 34 [D] ----- | 2105

HPTXR

RTLTL : 19h 23m 26s

1200 RTLTL=19h 23m 32s

0000 RTLTL=19h 23m 38s

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

NOTES

[1] S/C 31=GS-4B @ 1922 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: 07/22/03 - 13:08

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
JULY 26, 2003
207-208

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 31m 34s

1200 RTLT=24h 31m 44s

0000 RTLT=24h 31m 54s

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 ----- 25 [D] ----- | 0930

1555 |----- 65 [D] ----- | 2040

2355 - 0610 |----- 14 [D] ----- |

DSN COVERAGE
HPTXR

32 |----- 34 [D] ----- | 0705 - 1215

43 [o] 0630 |-----

HPTXR

RTLT : 19h 23m 38s

1200 RTLT=19h 23m 44s

0000 RTLT=19h 23m 52s

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 -----

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: 07/22/03 - 13:08

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
JULY 27, 2003
208-209

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 31m 54s

1200 RTLT=24h 32m 6s

0000 RTLT=24h 32m 16s

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

0945 |--- 34 [D] ---| 1200

1915 |----- 63 [D] -----| 2250

0340 |----- 24 [D] -----|

DSN COVERAGE
HPTXR

2230 |----- 14 [D] -----| 0400

32

----- 43 [o] -----| 1325

1530 |----- 45 [D] -----| 2120

0525 |--- 45 [D] ---|

HPTXR

RTLT : 19h 23m 52s

1200 RTLT=19h 23m 58s

0000 RTLT=19h 24m 4s

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 -----

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: 07/22/03 - 13:08

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
JULY 28, 2003
209-210

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 32m 16s

1200 RTLT=24h 32m 26s

0000 RTLT=24h 32m 36s

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 -- | 0730 24 [D]

1825 |----- 63 [D] -----| 2225
2250 |----- 15 [D] -----| 0410

DSN COVERAGE HPTXR

32 -- 45 [D] -- | 0905
0845 |----- 34 [D] -----| 2055

0520 |-- 45 [D] --|

HPTXR

1200 RTLT=19h 24m 10s

0000 RTLT=19h 24m 16s

RTLT : 19h 24m 4s

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 -----

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: 07/22/03 - 13:08

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
JULY 29, 2003
210-211

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 32m 36s

VOYAGER 1

FDSL : 11AF

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

1200 RTLTL=24h 32m 48s

0000 RTLTL=24h 32m 58s

↓ 1746 BYPASS SCAN AND HEAT TESTS

↓ 1747 TURN OFF AZ COIL HEAT

U/L 0100 | - | - - - - - TLC (SHORT-FORM) - - - - -

1259 | 1259 PWS/RH

1753 | 1756 AACS MRO 6170 - R/O AACS PATCH

▼ 2315 DUMMY (23:48)

1259
GS-4B 1259

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

CR-5T

160(32)

31

1600 | - - - - - 63 [D] - - - - - | 2155
2230 | - - - - - 14 [T] - - - - - | 0410

0530 | - 24 [D] - -

DSN COVERAGE
HPTXR

32

- - - - - 45 [D] - - - - - | 1650

HPTXR

RTLTL : 19h 24m 16s

VOYAGER 2

FDSL : 11AF

CCSL : B120
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=19h 24m 24s

0000 RTLTL=19h 24m 30s

1325 | PLSCAL - | 1507

1325 | - - - - - MAGCAL - - - - - | 1627

1325 | - - - - - PESCAL - - - - - | 1645

1147 | 1148 PWS/RH

1147
GS-4B 1148

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 @ 1147 XB=2.8K(41) NOT RECOVERABLE
- [2] S/C 31=GS-4B @ 1259 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: 07/22/03 - 13:08

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
JULY 30, 2003
211-212

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 32m 58s

1200 RTLT=24h 33m 8s

0000 RTLT=24h 33m 18s

VOYAGER 1

FDSL : 11AF

TLC (SHORT-FORM)

D/L -|0301

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 --- 24 [D] --- |0920

1600 |----- 63 [D] -----| 2000

2315 |----- 26 [D] -----

DSN COVERAGE
HPTXR

32 0805 |----- 34 [D] -----| 1255

0510 |-- 45 [D] --

HPTXR

RTLT : 19h 24m 30s

1200 RTLT=19h 24m 36s

0000 RTLT=19h 24m 44s

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 -----

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: 07/22/03 - 13:08

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
JULY 31, 2003
212-213

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 33m 18s

1200 RTLT=24h 33m 30s

0000 RTLT=24h 33m 40s

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 --- 26 [D] --- | 0910

0000 |----- 26 [D] -----

1535 |----- 65 [D] -----| 2010

DSN COVERAGE
HPTXR

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

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

HPTXR

RTLT : 19h 24m 44s

1200 RTLT=19h 24m 50s

0000 RTLT=19h 24m 58s

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 -----

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: 07/22/03 - 13:08

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 1, 2003
213-214

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 33m 40s

1200 RTLTL=24h 33m 52s

0000 RTLTL=24h 34m 2s

VOYAGER 1

FDSL : 11AF

1556 | 1611 TAPPOS

2106 || 2109 TAPPOS

- ↓ 0206 GYRO INIT
- ↓ 0206 GYROS AB ON
- ↓ 0216 GYRO FAULT TEST

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

0309 || 0315 CCSTIM(B)

1859
GS-4B 1900

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31 --- 26 [D] --- | 0910

1620 | ----- 63 [D] ----- | 2020

2235 | ----- 15 [D] -----

DSN COVERAGE
HPTXR

32 --- 45 [D] --- | 0940

0455 | --- 43 [o] ---

HPTXR

RTLTL : 19h 24m 58s

1200 RTLTL=19h 25m 4s

0000 RTLTL=19h 25m 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

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

NOTES

[1] S/C 31=GS-4B @ 1859 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: 07/22/03 - 13:08

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 2, 2003
214-215

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 34m 2s

1200 RTLT=24h 34m 12s

0000 RTLT=24h 34m 24s

VOYAGER 1

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 --- 15 [D] --- | 0930

1525 |----- 65 [D] -----| 2005

2240 |----- 15 [D] -----

DSN COVERAGE
HPTXR

32

43 [o] -----| 2105

0500 |--- 45 [D] ---

HPTXR

RTLT : 19h 25m 12s

1200 RTLT=19h 25m 18s

0000 RTLT=19h 25m 26s

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 -----

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: 07/22/03 - 13:08

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 3, 2003
215-216

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 34m 24s

1200 RTLT=24h 34m 34s

0000 RTLT=24h 34m 46s

VOYAGER 1

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 15 [D] | 0810

0125 |----- 15 [D] -----| 45 [D] 0630 |--

HPTXR

1430 |----- 63 [D] -----| 0150

DSN COVERAGE

32 --- 45 [D] ---| 0915

1520 |----- 43 [D] -----| 2135 43 [D] 0630 |--

HPTXR

RTLT : 19h 25m 26s

1200 RTLT=19h 25m 34s

0000 RTLT=19h 25m 40s

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 -----

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: 07/22/03 - 13:08

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 4, 2003
216-217

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 34m 46s

1200 RTLT=24h 34m 56s

0000 RTLT=24h 35m 8s

VOYAGER 1

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 45 [D] ----- | 1025

1805 |----- 63 [D] ----- | 0035

45 [D] 0625 | - - -

0015 |----- 26 [D] ----- | 0335

DSN COVERAGE
HPTXR

32 ----- 43 [D] ----- | 1030

1610 |----- 43 [D] ----- | 1915

HPTXR

RTLT : 19h 25m 40s

1200 RTLT=19h 25m 48s

0000 RTLT=19h 25m 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 -----

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: 07/22/03 - 13:08

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 5, 2003
217-218

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 35m 8s

1200 RTLTL=24h 35m 18s

0000 RTLTL=24h 35m 30s

VOYAGER 1

1236 | 1237 PWS/RH

↓ 0306 GYRO INIT

FDSL : 11AF

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

1236
GS-4B 1237

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

CR-5T

160(32)

31

45 [D]

1210

0100 | ---- 14 ---- | 0330

DSN COVERAGE
HPTXR

32

1045

43 [B]

2050

0450

45 [D]

HPTXR

RTLTL : 19h 25m 56s

1200 RTLTL=19h 26m 2s

0000 RTLTL=19h 26m 10s

VOYAGER 2

1124 | 1125 PWS/RH

FDSL : 11AF

▼ 1115 DUMMY CC (06:41)

CCSL : B120
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1124
GS-4B 1125

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 @ 1124 XB=2.8K(41) NOT RECOVERABLE
- [2] S/C 31=GS-4B @ 1236 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: 07/22/03 - 13:08

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 6, 2003
218-219

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 30s

1200 RTLT=24h 35m 40s

0000 RTLT=24h 35m 52s

VOYAGER 1

FDSL : 11AF

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

↓ 0216 ALL DB=.05
↓ 0232 AAI
0233 | - | 0310 ASCAL
↓ 0307 RAI
↓ 0310 CRU
↓ 0319 ROLL=.25
↓ 0319 YAW=.10
GYRO FAULT TEST 0327 ↓

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

0201 0313
EL-40 CR-5T
40(30) 160(32)

31 0810 |----- 34 [D] -----| 1210

2115 |----- 63 [D] -----| 0045
0030 |----- 14 [D] -----| 0450

DSN COVERAGE
HPTXR

32 |----- 45 [D] -----| 1205

1705 |----- 43 [D] -----| 2125

0405 |----- 43 [D] -----|

HPTXR

RTLT : 19h 26m 10s

1200 RTLT=19h 26m 18s

0000 RTLT=19h 26m 26s

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

NOTES

[1] S/C 31 - D/L AGC/SNR VARIATIONS EXPECTED DURING ASCAL (0233-0310)

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: 07/22/03 - 13:08

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

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1450

63 [D]

2350

0445

24 [D]

2330

15 [D]

0315

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

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

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: 07/22/03 - 13:08

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

<p>FRIDAY AUGUST 8, 2003 220-221</p>	
<p>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</p> <p>RTLTL : 24h 36m 14s VOYAGER 1 FDSL : 11AF CCSL : A048 TWNC : ON SB : OFF XB : LOW PYR : .05 / .10 / .25 GYROS : AB ON</p> <p>FDS MODE XB DATA RATE (MI)</p>	<p>1200 RTLTL=24h 36m 24s 0000 RTLTL=24h 36m 36s</p> <p>1836 1837 PWS/RH</p> <p>1534 1548 TAPPOS 2044 2044 TAPPOS</p> <p>0317 AAI 0320 --- MAGROL ---</p> <p>DUMMY CC (06:07) 0530 ▼</p> <p>U/L 0630 - TLC (SHORT-FORM) </p> <p>1836 GS-4B 1837</p> <p>CR-5T CR-5T 160(32) 160(32)</p>
<p>31 DSN COVERAGE HPTXR 32 HPTXR</p>	<p>24 [D] 0815 1505 --- 65 [D] --- 1930 2205 --- 14 [T] ---</p> <p>45 [D] --- 1215 0430 --- 45 [D] ---</p>
<p>RTLTL : 19h 26m 40s VOYAGER 2 FDSL : 11AF CCSL : B120 TWNC : ON SB : OFF XB : LOW PYR : .05 / .10 / .25 GYROS : OFF</p> <p>FDS MODE XB DATA RATE (MI)</p>	<p>1200 RTLTL=19h 26m 48s 0000 RTLTL=19h 26m 56s</p> <p>CR-5T 160(32)</p>
<p>VOYAGER COVERAGE</p>	<p>ON CALL --- VGR ---</p>
<p>NOTES</p>	<p>[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)</p>
<p>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</p>	

ISSUE DATE: 07/22/03 - 13:08

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] ---|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)

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: 07/22/03 - 13:08

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 1010 |----- 34 [D] ----- | 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