

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: July 16, 2003

For the Period: 07/17/03 to 08/03/03 (03-198 - 03-215)

**DSN OPSCHIEF (1) 230-102**

**DSOT (1) 230-102**

\*Zsarina.Bulchand@jpl.nasa.gov  
 \*gdyke@airmail.ftops.jpl.nasa.gov  
 \*John.M.Grant@jpl.nasa.gov  
 \*dmcclena@airmail.ftops.jpl.nasa.gov  
 \*Martin.S.Moffit@jpl.nasa.gov  
 \*pquach@airmail.ftops.jpl.nasa.gov  
 \*mrobles@airmail.ftops.jpl.nasa.gov  
 \*rwilliam@airmail.ftops.jpl.nasa.gov

**OTHER (3)**

Espejo, P. 507-215  
 Massey, K. Goldstone/DSCC/61  
 Wallace, L 507-215  
 \* Byron.G.Yetter@jpl.nasa.gov  
 \* Belinda.Arroyo@jpl.nasa.gov  
 \* Ruben.P.Espinueva@jpl.nasa.gov  
 \* Karen.E.Yetter@jpl.nasa.gov  
 \*donald-gurnett@uiowa.edu

**SCIENCE (2)**

Wong, R. 600-100  
 CRS bryant@mail630.gsfc.nasa.gov  
 LECP \*r.decker@jhuapl.edu  
 PRA \*u3mlk@lepmlk.gsfc.nasa.gov  
 UVS \*holburg@argus.lpl.arizona.edu  
 MAG \*u2mha@lepvox.gsfc.nasa.gov  
 PLS \*vgr@space.mit.edu  
 PWS \*wsk@space.physics.uiowa.edu  
 \*taggart@lepvox.gsfc.nasa.gov

**FLIGHT TEAM (18) 600-100**

AACS (1) (Medina)  
 DSE (3) (Presley)  
 Hall, J.  
 Hogle, T. (2)  
 Howard, S. (3)  
 Ludwig, R. (2)  
 Massey, Ed  
 Matsumoto, S.  
 Poynter, R.  
 Weeks, T.  
 Weiss, C  
 Zottarelli, L.  
 \*odivers@san.rr.com

**NOPE (1)**  
 Millner, I 507-120

**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  
 (26 – Dist/N: Paper Copies)  
 7/03/03

ISSUE DATE: 07/16/03 - 08:51

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 17, 2003  
198-199

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 28m 36s

1200 RTLT=24h 28m 44s

0000 RTLT=24h 28m 54s

VOYAGER 1

FDSL : 11AF

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

S/C 31 STATUS  
FDS CLOCK DRIFT:  
ADD TO S/C EVENT  
ERT: -22.327 sec  
ROLLREF = RIGIL  
KENTAURUS

↓ 1815 SLEW->HELIO-2A

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160 (32)

31 ----- 25 [D] ----- | 1005

1600 | ----- 63 [D] ----- | 2120

2335 - 0645 | ----- 15 [D] ----- |

DSN COVERAGE  
HPTXR

32 ----- 45 [D] ----- | 1035

1015 | ----- 43 [B] ----- | 1355

34 [o] 0650 |

HPTXR

RTLT : 19h 21m 56s

1200 RTLT=19h 22m 2s

0000 RTLT=19h 22m 6s

VOYAGER 2

FDSL : 11AF

CCSL : B120  
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: -2:41.015 min  
ROLLREF = VEGA

▼ 1322 DUMMY (5 MIN BRACKETED 0845)

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: 07/16/03 - 08:51

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 18, 2003  
199-200

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 28m 54s

1200 RTLTL=24h 29m 4s

0000 RTLTL=24h 29m 14s

VOYAGER 1

↓ 1815 SLEW->HELIO-3A  
1945 || 1946 PWS/RH

FDSL : 11AF

1642 | | 1657 TAPPOS

2132 | | 2152 TAPPOS

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

1945  
GS-4B 1946

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160 (32)

CR-5T  
160(32)

31

1715 | ----- 63 [D] ----- | 2115

0040 | ----- 24 [D] ----- |

DSN COVERAGE  
HPTXR

32

----- 34 [o] ----- | 1545

34 [D] 0620 | - - -

HPTXR

RTLTL : 19h 22m 6s

1200 RTLTL=19h 22m 12s

0000 RTLTL=19h 22m 18s

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 @ 1945 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: 07/16/03 - 08:51

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 19, 2003  
200-201

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 29m 14s

1200 RTLT=24h 29m 24s

0000 RTLT=24h 29m 34s

VOYAGER 1

↓ 1815 SLEW->HELIO-4A

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 -- 24 [D] -- | 0845 0000 |----- 26 [D] ----- | 0510

0820 |----- 45 [D] ----- | 1305

1530 |----- 63 [D] ----- | 2110

HPTXR  
DSN COVERAGE

32 ----- 34 [D] ----- | 1145

45 [D] 0625 |-----

HPTXR

RTLT : 19h 22m 18s

1200 RTLT=19h 22m 22s

0000 RTLT=19h 22m 28s

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: 07/16/03 - 08:51

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 20, 2003  
201-202

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 29m 34s

1200 RTLT=24h 29m 44s

0000 RTLT=24h 29m 54s

VOYAGER 1

↓ 1816 SLEW->HELIO-5A

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

1530 |-----63 [D]-----| 2020

2355 |-----26 [D]-----|

DSN COVERAGE  
HPTXR

32

-----45 [D]-----| 1030

0550 | 45 [D] |

HPTXR

RTLT : 19h 22m 28s

1200 RTLT=19h 22m 34s

0000 RTLT=19h 22m 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: 07/16/03 - 08:51

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 21, 2003  
202-203

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 29m 54s

1200 RTLT=24h 30m 2s

0000 RTLT=24h 30m 12s

VOYAGER 1

↓ 1816 SLEW->HELIO-6A

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

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

--- 26 [D] ---|0915

DSN COVERAGE  
HPTXR

32

-----45 [D]-----|1310

1500 |-----34 [D]-----|2120

43 [B] 0645 |

HPTXR

RTLT : 19h 22m 40s

1200 RTLT=19h 22m 46s

0000 RTLT=19h 22m 50s

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: 07/16/03 - 08:51

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 22, 2003  
203-204

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 12s

1200 RTLTL=24h 30m 22s

0000 RTLTL=24h 30m 32s

VOYAGER 1

1321 | 1322 PWS/RH

↓ 1816 SLEW->HELIO-7A

FDSL : 11AF

0537 | PLSCAL  
MAGCAL 0537 |-----  
0537 | PESCAL

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

1321  
GS-4B 1322

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

CR-5T

160(32)

31

----- 25 [D] ----- | 0950

1515 |----- 63 [D] ----- | 2100

0500 |-- 26 [D] --

0205 |----- 14 [D] ----- | 0520

DSN COVERAGE  
HPTXR

32

----- 43 [B] ----- | 1405

34 [D] 0610 |-----

HPTXR

RTLTL : 19h 22m 50s

1200 RTLTL=19h 22m 56s

0000 RTLTL=19h 23m 2s

VOYAGER 2

1210 | 1211 PWS/RH

FDSL : 11AF

▼ 1322 DUMMY (5 MIN BRACKETED 08:46)

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

1210  
GS-4B 1211

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 @ 1210 XB=2.8K(41) NOT RECOVERABLE  
[2] S/C 31=GS-4B @ 1321 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: 07/16/03 - 08:51

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 23, 2003  
204-205

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 30m 32s

1200 RTLT=24h 30m 44s

0000 RTLT=24h 30m 54s

VOYAGER 1

↓ 1816 SLEW->HELIO-8A

FDSL : 11AF

0719 PLSCAL

MAGCAL 0839

U/L 1800 |----- TLC (SHORT-FORM) -----

CCSL : A048

PESCAL 0857

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

▼ 1730 DUMMY (18:01)

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 --- 26 [D] --- 0945

1615 |----- 63 -----| 2025

2345 |----- 26 [D] -----

DSN COVERAGE  
HPTXR

32 ----- 34 [D] -----| 2110

0540 | 45 [D] -

HPTXR

RTLT : 19h 23m 2s

1200 RTLT=19h 23m 8s

0000 RTLT=19h 23m 14s

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

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: 07/16/03 - 08:51

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

1200 RTLTL=24h 31m 4s

0000 RTLTL=24h 31m 14s

VOYAGER 1

↓ 1816 SLEW->PARK

FDSL : 11AF

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

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] ----- | 0940 ----- 43 [D] ----- | 1540 ----- 2335 | ----- 25 [D] -----

1015 | ----- 1600 | ----- 63 [D] ----- | 2000

HPTXR

DSN COVERAGE

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

HPTXR

RTLTL : 19h 23m 14s

1200 RTLTL=19h 23m 20s

0000 RTLTL=19h 23m 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: 07/16/03 - 08:51

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: 07/16/03 - 08:51

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: 07/16/03 - 08:51

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: 07/16/03 - 08:51

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] - - - - - | 2320 | - - - - - 26 [D] - - - - - | 2225

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: 07/16/03 - 08:51

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																									
RTLT : 24h 32m 36s VOYAGER 1 FDSL : 11AF CCSL : A048 TWNC : ON SB : OFF XB : LOW PYR : .05/ .10/ .25 GYROS : OFF		1200 RTLT=24h 32m 48s												0000 RTLT=24h 32m 58s											
		1259   1259 PWS/RH												↓ 1746 BYPASS SCAN AND HEAT TESTS ↓ 1747 TURN OFF AZ COIL HEAT U/L 0100   -   - - - - - TLC (SHORT-FORM) - - - - -											
		1753   1756 AACS MRO 6170 - R/O AACS PATCH												▼ 2315 DUMMY (23:48)											
FDS MODE XB DATA RATE (MI)		CR-5T 160(32)												CR-5T 160(32)											
31		26 [D] - - -   0920												1600   - - - - - 63 [D] - - - - -   2155 2230   - - - - - 14 [T] - - - - -   0410											
DSN COVERAGE HPTXR 32		- - - - - 45 [D] - - - - -   1650																							
HPTXR																									
RTLT : 19h 24m 16s VOYAGER 2 FDSL : 11AF CCSL : B120 TWNC : ON SB : OFF XB : LOW PYR : .05/ .10/ .25 GYROS : OFF		1200 RTLT=19h 24m 24s												0000 RTLT=19h 24m 30s											
		1147   1148 PWS/RH 1325   PLSCAL -   1507 1325   - - - - - MAGCAL - - - - -   1627 1325   - - - - - PESCAL - - - - -   1645																							
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: 07/16/03 - 08:51

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 --- 26 [D] --- |0915

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: 07/16/03 - 08:51

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] -----

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: 07/16/03 - 08:51

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

1859 | 1900 PWS/RH

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

FDSL : 11AF

1556 | | 1611 TAPPOS

2106 || 2109 TAPPOS

0309 || 0315 CCSTIM(B)

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

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 [B] ---

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: 07/16/03 - 08:51

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

2240 --- 15 [D] ---

DSN COVERAGE  
HPTXR

32

43 [B] --- 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: 07/16/03 - 08:51

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

RTLTL : 24h 34m 24s

1200 RTLTL=24h 34m 34s

0000 RTLTL=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

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

45 [D] 0630 |-----

0125 |----- 15 [D] ----- | 0450

DSN COVERAGE HPTXR

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

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

43 [B] 0645 |-----

HPTXR

RTLTL : 19h 25m 26s

1200 RTLTL=19h 25m 34s

0000 RTLTL=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