

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: May 14, 2003

For the Period: 05/15/03 to 06/01/03 (03-135 - 03-152)

DSN OPSCHIEF (1) 230-102

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- 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
- Wong, R. (8)
- Zottarelli, L.
- *odivers@san.rr.com

NOPES (1) 507-120
Millner, I

- 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
(34 – Dist/N: Paper Copies)
03/27/2003

ISSUE DATE: 05/14/03 - 10:46

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
MAY 15, 2003
135-136

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 15m 34s
VOYAGER 1
FDSL : 11AF
CCSL : A047
TWNC : ON
SB : OFF XB : HIGH
PYR : .05/ .10/ .25
GYROS : OFF

↓ 1108 SLEW->HELIO-16B

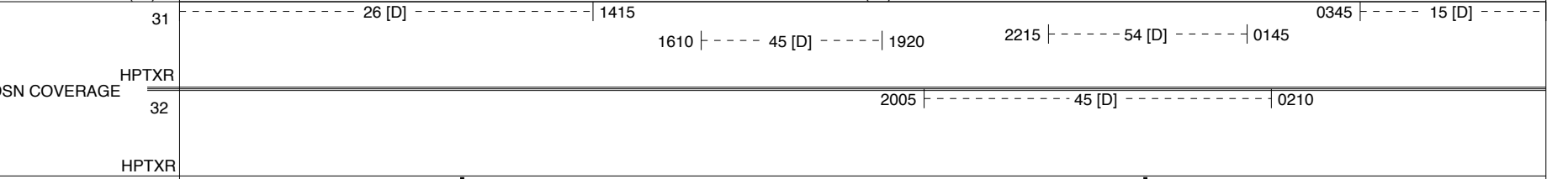
S/C 31 STATUS

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -22.385 sec

ROLLREF = RIGIL
KENTAURUS

↓ 1539 X/B LOW POWER
↓ 1543 BAY 1 HTR ON

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



RTLTL : 19h 19m 8s
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: -2:33.196 min

ROLLREF = VEGA

1200 RTLTL=19h 19m 6s
0000 RTLTL=19h 19m 6s

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: 05/14/03 - 10:46

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
MAY 16, 2003
136-137

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 15m 38s

VOYAGER 1

FDSL : 11AF

CCSL : A047
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

CR-5T
160(32)

31 15 [D] -| 0820

1025 |----- 25 [D] -----| 1415

0410 |----- 25 [D] -----

DSN COVERAGE
HPTXR

32

1015 |----- 43 [B] -----| 1815

2020 |----- 34 [D] -----| 0040

HPTXR

RTLT : 19h 19m 6s

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)

▼ 1622 DUMMY (5 MIN BRACKETED 11:42)

1200 RTLT=19h 19m 4s

0000 RTLT=19h 19m 2s

VOYAGER COVERAGE

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

NOTES

[1] S/C 31=GS-4B @ 2314 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: 05/14/03 - 10:46

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
MAY 17, 2003
137-138

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 15m 44s

1200 RTLT=24h 15m 46s

0000 RTLT=24h 15m 50s

VOYAGER 1

↓ 1108 SLEW->HELIO-18B

FDSL : 11AF

CCSL : A047
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] | 0815 0945 |----- 26 [D] -----| 1410 1420 |----- 45 [D] -----| 1910 1940 |----- 63 [D] -----| 0125 0410 |----- 26 [D] -----

DSN COVERAGE
HPTXR

32 1055 |----- 34 [o] -----| 2350 2330 |----- 45 [D] -----| 0205

HPTXR

RTLT : 19h 19m 2s

1200 RTLT=19h 19m 0s

0000 RTLT=19h 18m 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: 05/14/03 - 10:46

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
MAY 18, 2003
138-139

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 15m 50s

1200 RTLT=24h 15m 52s

0000 RTLT=24h 15m 56s

VOYAGER 1

↓ 1109 SLEW->HELIO-19B

FDSL : 11AF

CCSL : A047
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

HPTXR

DSN COVERAGE

32

HPTXR

RTLT : 19h 18m 58s

1200 RTLT=19h 18m 56s

0000 RTLT=19h 18m 54s

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: 05/14/03 - 10:46

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
MAY 19, 2003
139-140

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 15m 56s

1200 RTLT=24h 15m 58s

0000 RTLT=24h 16m 2s

VOYAGER 1

↓ 1109 SLEW->HELIO-20B

FDSL : 11AF

U/L 2355 |----- TLC SHORT-FORM -----

CCSL : A047
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

▼ 2145 DUMMY (22:01)

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31 ----- 26 [D] ----- | 1400

1935 |----- 63 [T] ----- | 0025

0005 |----- 65 [D] ----- | 0545

DSN COVERAGE
HPTXR

32 0925 |----- 43 [D] ----- | 1500

HPTXR

RTLT : 19h 18m 54s

1200 RTLT=19h 18m 54s

0000 RTLT=19h 18m 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 ----- | - 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: 05/14/03 - 10:46

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
MAY 20, 2003
140-141

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 16m 2s VOYAGER 1 FDSL : 11AF CCSL : A047 TWNC : ON SB : OFF XB : LOW PYR : .05/ .10/ .25 GYROS : OFF	1200 RTLT=24h 16m 6s 0000 RTLT=24h 16m 8s ↓ 1109 SLEW->HELIO-4C 1650 1651 PWS/RH ↓ 2309 SLEW->Alpha Vir ↓ 0209 SLEW->HELIO-4C ----- TLC SHORT-FORM ----- + D/L - 0139
FDS MODE XB DATA RATE (MI)	CR-5T 160(32) 1650 GS-4B 1651 2049 CR-5T 160(32) UV-5A 600(36) 0509 CR-5T 160(32)
DSN COVERAGE HPTXR 31 HPTXR 32	----- 25 [D] ----- 1400 2040 ----- 63 [D] ----- 0525 - - 26 [D] - - 1345 ----- 34 [D] ----- 2250 2230 ----- 43 [B] ----- 0235
RTLT : 19h 18m 52s VOYAGER 2 FDSL : 11AF CCSL : B120 TWNC : ON SB : OFF XB : LOW PYR : .05/ .10/ .25 GYROS : OFF	1200 RTLT=19h 18m 50s 0000 RTLT=19h 18m 48s 1544 1545 PWS/RH ▼ 2322 DUMMY (5 MIN BRACKETED 18:41) 1544 GS-4B 1545
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 @ 1544 XB=2.8K(41) NOT RECOVERABLE [2] S/C 31=GS-4B @ 1650 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: 05/14/03 - 10:46

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
MAY 21, 2003
141-142

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 16m 8s

1200 RTLT=24h 16m 12s

0000 RTLT=24h 16m 14s

VOYAGER 1

FDSL : 11AF

CCSL : A047
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]-----|1355

0320 |-----15 [D]-----

DSN COVERAGE
HPTXR

32

1830 |-----45 [D]-----|2345

HPTXR

RTLT : 19h 18m 48s

1200 RTLT=19h 18m 48s

0000 RTLT=19h 18m 46s

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: 05/14/03 - 10:46

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
MAY 22, 2003
142-143

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 16m 14s
VOYAGER 1
FDSL : 11AF
CCSL : A047
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=24h 16m 18s

0000 RTLTL=24h 16m 22s

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

15 [D] ----- | 1420

0035- 0625 |----- 65 [D] ----- | 26 [D] 0605 |-----

DSN COVERAGE
HPTXR

32

1030 |----- 34 [o] ----- | 1755

HPTXR

RTLTL : 19h 18m 46s
VOYAGER 2
FDSL : 11AF
CCSL : B120
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=19h 18m 44s

0000 RTLTL=19h 18m 44s

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: 05/14/03 - 10:46

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
MAY 23, 2003
143-144

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 16m 22s

1200 RTLT=24h 16m 26s

0000 RTLT=24h 16m 28s

2250 | 2251 PWS/RH

VOYAGER 1

FDSL : 11AF

1948 | 2001 TAPPOS

0058 | 0058 TAPPOS

CCSL : A047
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

2250
GS-4B 2251

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31 ----- 26 [D] ----- | 1245

2005 | ----- 65 [D] ----- | 0410

0350 ----- 26 [D] -----

DSN COVERAGE
HPTXR

32 1200 | ----- 34 [D] ----- | 2150

HPTXR

RTLT : 19h 18m 44s

1200 RTLT=19h 18m 42s

0000 RTLT=19h 18m 42s

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 @ 2250 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: 05/14/03 - 10:46

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
MAY 24, 2003
144-145

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 16m 28s

1200 RTLT=24h 16m 32s

0000 RTLT=24h 16m 36s

VOYAGER 1

FDSL : 11AF

CCSL : A047
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] ----- | 1345

0340 | ----- 26 [D] -----

DSN COVERAGE
HPTXR

32

1850 | ----- 45 [D] ----- | 0140

HPTXR

RTLT : 19h 18m 42s

1200 RTLT=19h 18m 40s

0000 RTLT=19h 18m 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: 05/14/03 - 10:46

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
MAY 25, 2003
145-146

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 16m 36s

1200 RTLT=24h 16m 40s

0000 RTLT=24h 16m 44s

VOYAGER 1

FDSL : 11AF

CCSL : A047
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]-----|1340

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

2145 |--- 63 [D] ---|0005

DSN COVERAGE
HPTXR

32

1115 |-----45 [D]-----|0135

HPTXR

RTLT : 19h 18m 40s

1200 RTLT=19h 18m 38s

0000 RTLT=19h 18m 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

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: 05/14/03 - 10:46

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
MAY 26, 2003
146-147

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 16m 44s

1200 RTLT=24h 16m 48s

0000 RTLT=24h 16m 52s

VOYAGER 1

FDSL : 11AF

CCSL : A047
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] ----- | 1335

1955 |-----65 [D]----- | 0525 |-----26 [D]----- | 0545

DSN COVERAGE HPTXR

32 1030 |-----43 [D]----- | 1435

1630 |-----45 [D]----- | 0125

HPTXR

RTLT : 19h 18m 38s

1200 RTLT=19h 18m 36s

0000 RTLT=19h 18m 36s

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: 05/14/03 - 10:46

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
MAY 27, 2003
147-148

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 16m 52s
VOYAGER 1
FDSL : 11AF
CCSL : A047
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=24h 16m 56s | 0000 RTLTL=24h 17m 0s

1627 | 1627 PWS/RH ▼ 2051 DUMMY (21:08)
▼ 2056 EL-40 (21:13)
▼ 2111 A047 MINI-SEQ (21:28)
▼ 2201 CCS MRO & CR-5T (22:19)
U/L 2230 | - - - - - TLC (SHORT-FORM) - - - - -

1627 GS-4B 1627

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

31 ----- 26 [D] ----- | 1330 2020 | - - - - - 63 [T] - - - - - | 0005 0300 | - - - - - 15 [D] - - - - -

DSN COVERAGE HPTXR

32 1430 | - - - - - 34 [D] - - - - - | 2125 2300 | - - - - - 43 [B] - - - - - | 0200

HPTXR

RTLTL : 19h 18m 36s
VOYAGER 2
FDSL : 11AF
CCSL : B120
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=19h 18m 34s | 0000 RTLTL=19h 18m 34s

1520 | 1521 PWS/RH ▼ 2322 DUMMY (5 MIN BRACKETED 18:41)

1520 GS-4B 1521

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

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

NOTES [1] S/C 32=GS-4B @ 1520 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 1627 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: 05/14/03 - 10:46

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
MAY 28, 2003
148-149

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 17m 0s

1200 RTLTL=24h 17m 4s

0000 RTLTL=24h 17m 8s

VOYAGER 1
FDSL : 11AF

0842 | PLSCAL - | 1024
0842 | --- MAGCAL --- | 1144
0842 | --- PESCAL --- | 1202

*
2221 | 2222 CCS MRO
↓ 0129 BAY 1 HTR OFF
↓ 0133 X/B HI POWER

CCSL : A047
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

2109 | -- TAPPOS -- | 2329
PLAYBACK 0544 | -----

----- TLC (SHORT-FORM) ----- | D/L - | 0115

YAW=.05 0534 ↓

*
2133 || 2137 CCS CHKSUM
*
2114 2223

FDS MODE	CR-5T	EL-40	CR-5T	0544	PB-14
XB DATA RATE (MI)	160(32)	40(30)	160(32)		1.4K(39)

31 ----- 15 [D] ----- | 1245
2030 | ----- 63 [D] ----- | 0205
0505 | --- 14 ---

DSN COVERAGE HPTXR

32 1305 | ----- 45 [D] ----- | 2345

HPTXR

RTLTL : 19h 18m 34s

1200 RTLTL=19h 18m 32s

0000 RTLTL=19h 18m 32s

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

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: 05/14/03 - 10:46

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
MAY 29, 2003
149-150

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 17m 8s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A047
 TWNC : ON
 SB : OFF XB : HI
 PYR : .05/ .05 / .25
 GYROS : OFF

1200 RTLTL=24h 17m 12s
 0000 RTLTL=24h 17m 16s

↓ 1230 YAW=.10
 ↓ 1859 X/B LOW POWER
 ↓ 1903 BAY 1 HTR ON

2109 |----| 2207 TAPPOS

----- PLAYBACK -----| 1220

↓ 2000 GYROS AB ON
 ↓ 2001 GYRO INIT
 ↓ 2010 GYRO FAULT TEST

FDS MODE	PB-14	1220	CR-5T
XB DATA RATE (MI)	1.4K(39)		160(32)

DSN COVERAGE	31	14	1420	1855	63 [D]	0000	0320	26 [D]
HPTXR						2340	54 [D]	0340
HPTXR	32	0845	43 [D]	1200	1355	34 [D]	0050	

RTLTL : 19h 18m 32s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B120
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLTL=19h 18m 32s
 0000 RTLTL=19h 18m 30s

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

VOYAGER COVERAGE ----- 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: 05/14/03 - 10:46

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
MAY 30, 2003
150-151

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 17m 16s

1200 | RTLTL=24h 17m 20s

0000 | RTLTL=24h 17m 26s

2227 | 2228 PWS/RH

VOYAGER 1

FDSL : 11AF

1925 | 1938 TAPPOS

0034 | 0035 TAPPOS

CCSL : A047
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10 / .25
GYROS : AB ON

2227
GS-4B 2228

FDS MODE
XB DATA RATE (MI)

CR-5T

CR-5T

160(32)

160(32)

31

-----26 [D] ----- | 1310

1845 | -----63 [D] ----- | 2300

0315 | -----26 [D] -----

DSN COVERAGE
HPTXR

32

0945 | -----34 [D] ----- | 0040

HPTXR

RTLTL : 19h 18m 30s

1200 | RTLTL=19h 18m 30s

0000 | RTLTL=19h 18m 30s

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 @ 2227 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: 05/14/03 - 10:46

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
MAY 31, 2003
151-152

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 17m 26s
VOYAGER 1
FDSL : 11AF
CCSL : A047
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : AB ON

1200 RTLTL=24h 17m 30s

0000 RTLTL=24h 17m 34s

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 26 [D] ----- | 1320 1840 | ----- 63 [D] ----- | 2355 0430 | --- 26 [D] ---

DSN COVERAGE
HPTXR

32 0955 | ----- 43 [D] ----- | 1330 1705 | ----- 45 [D] ----- | 2345

HPTXR

RTLTL : 19h 18m 30s
VOYAGER 2
FDSL : 11AF
CCSL : B120
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=19h 18m 30s

0000 RTLTL=19h 18m 28s

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: 05/14/03 - 10:46

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
JUNE 1, 2003
152-153

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 17m 34s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A047
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10 / .25
 GYROS : AB ON

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

1200 RTLT=24h 17m 38s
 0000 RTLT=24h 17m 44s

DSN COVERAGE HPTXR
 31 -----26 [D] ----- | 1120
 1100 |-----43 [D] ----- | 1445
 1840 |-----63 [D] ----- | 2255
 32 0935 |-----45 [D] ----- | 0105
 HPTXR

RTLT : 19h 18m 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 18m 28s
 0000 RTLT=19h 18m 28s

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