

ISSUE DATE: 05/27/03 - 17:13

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

RTLT : 24h 16m 14s

1200 RTLT=24h 16m 18s

0000 RTLT=24h 16m 22s

VOYAGER 1  
FDSSL : 11AF  
CCSL : A047  
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: -22.430 sec  
ROLLREF = RIGIL  
KENTAURUS

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

RTLT : 19h 18m 46s

1200 RTLT=19h 18m 44s

0000 RTLT=19h 18m 44s

VOYAGER 2  
FDSSL : 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: -2:34.111 min  
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: 05/27/03 - 17:13

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

1200 RTLT=24h 16m 26s  
0000 RTLT=24h 16m 28s

2250 | 2251 PWS/RH  
1948 | 2001 TAPPOS  
0058 | 0058 TAPPOS

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

31 -----26 [D]-----|1245  
2005 |-----65 [D]-----|0410  
0350 |-----26 [D]-----

HPTXR  
DSN COVERAGE  
32 1200 |-----34 [D]-----|2150

HPTXR

RTLT : 19h 18m 44s  
VOYAGER 2  
FDSL : 11AF  
CCSL : B120  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

1200 RTLT=19h 18m 42s  
0000 RTLT=19h 18m 42s

FDS MODE CR-5T  
XB DATA RATE (MI) 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: 05/27/03 - 17:13

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: 05/27/03 - 17:13

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

RTLTL : 24h 16m 36s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A047  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : OFF

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

1200 RTLTL=24h 16m 40s 0000 RTLTL=24h 16m 44s

31 -----26 [D] ----- 1340 0335 -----26 [D] -----

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

DSN COVERAGE HPTXR

32 -----1115 | -----45 [D] ----- | 0135

HPTXR

RTLTL : 19h 18m 40s  
 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 RTLTL=19h 18m 38s 0000 RTLTL=19h 18m 38s

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: 05/27/03 - 17:13

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

***JPL HOLIDAY***

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: 05/27/03 - 17:13

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

▼ 2146 DUMMY (22:03)  
▼ 2156 EL-40 (22:13)  
▼ 2211 A047 MINI-SEQ (22:28)  
▼ 2221 CCS MRO & CR-5T (22:38)  
U/L 2330 |----- 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  
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 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: 05/27/03 - 17:13

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

0841 | PLSCAL - | 1024

0841 | --- MAGCAL --- | 1144

0841 | --- PESCAL --- | 1201

FDSL : 11AF

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

\* 2239 | 2241 CCS MRO \* 0129 BAY 1 HTR OFF  
↓ 0133 X/B HI POWER

2109 | --- TAPPOS --- | 2329

\* 2232 | 2235 CCS CHKSUM \*

PLAYBACK 0544 | ---

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

YAW=.05 0534 ↓

\* 2214 \* 2242  
EL-40

0544

FDS MODE  
XB DATA RATE (MI)

CR-5T  
160(32)

CR-5T  
160(32)

PB-14  
1.4K(39)

31

----- 15 [D] ----- | 1245

2030 | ----- 63 [D] ----- | 0205

0450 | --- 14 [D] ---

DSN COVERAGE  
HPTXR

32

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

HPTXR

1200 RTLTL=19h 18m 32s

0000 RTLTL=19h 18m 32s

RTLTL : 19h 18m 34s

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 --- + --- 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: 05/27/03 - 17:13

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  
XB DATA RATE (MI)

PB-14

1.4K(39)

1220

CR-5T

160(32)

31 ----- 14 [D] ----- | 1420

1855 |----- 63 [D] ----- | 0000

0320 |----- 26 [D] -----

2340 |----- 54 [D] ----- | 0340

DSN COVERAGE

HPTXR

32 0845 |----- 43 [D] ----- | 1200

1355 |----- 34 [D] ----- | 0050

HPTXR

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  
XB DATA RATE (MI)

CR-5T

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: 05/27/03 - 17:13

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

1000 | ----- 34 [o] ----- | 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: 05/27/03 - 17:13

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

1200 RTLTL=24h 17m 30s

0000 RTLTL=24h 17m 34s

VOYAGER 1

FDSL : 11AF

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

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

1200 RTLTL=19h 18m 30s

0000 RTLTL=19h 18m 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: 05/27/03 - 17:13

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

1200 RTLT=24h 17m 38s

0000 RTLT=24h 17m 44s

VOYAGER 1

FDSL : 11AF

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

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31

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

1100 |-----1120

-----43 [D]----- | 1445

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

HPTXR

1840 |-----63 [D]-----

----- | 2255

DSN COVERAGE

32

0935 |-----

-----45 [D]-----

----- | 0105

HPTXR

1200 RTLT=19h 18m 28s

0000 RTLT=19h 18m 28s

RTLT : 19h 18m 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: 05/27/03 - 17:13

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  
JUNE 2, 2003  
153-154

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 44s  
 VOYAGER 1  
 FDSL : 11AF  
 CCSL : A047  
 TWNC : ON  
 SB : OFF XB : LOW  
 PYR : .05/ .10/ .25  
 GYROS : AB ON

↓ 2101 GYRO INIT

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

1200 RTLTL=24h 17m 48s 0000 RTLTL=24h 17m 54s

DSN COVERAGE HPTXR

31 --- 26 [D] --- | 0920  
 0900 |----- 15 [D] -----| 1210  
 1925 |----- 65 [D] -----| 0020  
 0310 |----- 26 [D] -----|

32 0910 |----- 45 [D] -----| 0100

HPTXR

RTLTL : 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)

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

1200 RTLTL=19h 18m 28s 0000 RTLTL=19h 18m 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: 05/27/03 - 17:13

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  
JUNE 3, 2003  
154-155

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 54s  
VOYAGER 1  
FDSL : 11AF  
CCSL : A047  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10 / .25  
GYROS : AB ON

1200 RTLT=24h 17m 58s | 0000 RTLT=24h 18m 2s

1603 | 1604 PWS/RH  
1615 |----- DTR MAINT -----| 2139

2143 | - - TAPPOS - - - | 0018

1603 GS-4B | 1604

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

31 ----- 26 [D] ----- | 1300  
1835 |----- 63 [D] -----| 0235 |----- 15 [D] -----|  
HPTXR  
DSN COVERAGE  
32 ----- 1015 |----- 43 [B] -----| 2015  
1955 |----- 45 [D] -----| 0100  
HPTXR

RTLT : 19h 18m 28s  
VOYAGER 2  
FDSL : 11AF  
CCSL : B120  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05/ .10/ .25  
GYROS : OFF

1200 RTLT=19h 18m 28s | 0000 RTLT=19h 18m 28s

1456 | 1457 PWS/RH  
1634 | PLSCAL - | 1816  
1634 |----- MAGCAL -----| 1936  
1634 |----- PESCAL -----| 1954

▼ 1622 DUMMY (5 MIN BRACKETED 11:41)

1456 GS-4B | 1457

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 @ 1456 XB=2.8K(41) NOT RECOVERABLE  
[2] S/C 31=GS-4B @ 1603 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: 05/27/03 - 17:13

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  
JUNE 4, 2003  
155-156

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 18m 2s

1200 RTLT=24h 18m 8s

0000 RTLT=24h 18m 12s

VOYAGER 1

FDSL : 11AF

CCSL : A047  
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] ----- | 1235

1825 | ----- 63 [D] ----- | 2245

0600 | 14 -

0255 - 0620 | ----- 26 [D] ----- |

DSN COVERAGE  
HPTXR

32

0820 | ----- 43 [D] ----- | 0130

HPTXR

RTLT : 19h 18m 28s

1200 RTLT=19h 18m 28s

0000 RTLT=19h 18m 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: 05/27/03 - 17:13

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  
JUNE 5, 2003  
156-157

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 18m 12s

VOYAGER 1

FDSL : 11AF

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

1200 RTLTL=24h 18m 18s 0000 RTLTL=24h 18m 22s

↓ 2017 ALL DB=.05

↓ 2033 AAI

2034 | - - | 2111 ASCAL

↓ 2108 RAI

↓ 2111 CRU

↓ 2119 ROLL=.25

↓ 2119 YAW=.10

DUMMY (20:03) 1945 ▼

U/L 2050 | - | - - - - - TLC (SHORT-FORM) - - - - -

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

2002 2114

EL-40

40(30)

CR-5T

160(32)

31

14 - - - | 0900

0840 | - - - - - 26 [D] - - - - - | 1255

1825 | - - - - - 63 [T] - - - - - | 2345

0220 | - - - - - 15 [D] - - - - -

DSN COVERAGE  
HPTXR

32

0855 | - - - - - 45 [D] - - - - - | 1220

1540 | - - - - - 43 [D] - - - - - | 1940

HPTXR

RTLTL : 19h 18m 28s

VOYAGER 2

FDSL : 11AF

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

1200 RTLTL=19h 18m 28s 0000 RTLTL=19h 18m 28s

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 (2034-2111)

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: 05/27/03 - 17:13

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  
JUNE 6, 2003  
157-158

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 18m 22s  
VOYAGER 1  
FDSL : 11AF  
CCSL : A047  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05 / .10 / .25  
GYROS : AB ON

1200 RTLT=24h 18m 28s  
0000 RTLT=24h 18m 34s

↓ 0810 SLEW->HELIO-20B  
2203 | 2204 PWS/RH  
1901 | 1914 TAPPOS  
0011 | 0011 TAPPOS

----- TLC (SHORT-FORM) ----- | D/L | 2236

2203 GS-4B 2204

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

31 ----- 15 [D] ----- | 1320  
1915 | ----- 63 [D] ----- | 2240  
0250 | ----- 26 [D] -----

HPTXR  
DSN COVERAGE  
32 0850 | ----- 45 [D] ----- | 1345  
1620 | ----- 34 [o] ----- | 0020

HPTXR

RTLT : 19h 18m 28s  
VOYAGER 2  
FDSL : 11AF  
CCSL : B120  
TWNC : ON  
SB : OFF XB : LOW  
PYR : .05 / .10 / .25  
GYROS : OFF

1200 RTLT=19h 18m 28s  
0000 RTLT=19h 18m 28s

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

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

NOTES [1] S/C 31=GS-4B @ 2203 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: 05/27/03 - 17:13

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  
JUNE 7, 2003  
158-159

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 18m 34s

1200 RTLT=24h 18m 38s

0000 RTLT=24h 18m 44s

VOYAGER 1

↓ 0810 SLEW->HELIO-19A

FDSL : 11AF

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

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 26 [D] ----- | 1025

1910 |----- 65 [D] ----- | 0000

0420 |----- 26 [D] -----

DSN COVERAGE  
HPTXR

32

1115 |----- 34 [D] ----- | 2100

HPTXR

RTLT : 19h 18m 28s

1200 RTLT=19h 18m 28s

0000 RTLT=19h 18m 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: 05/27/03 - 17:13

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 8, 2003  
159-160

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 18m 44s

↓ 0810 SLEW->HELIO-18A

1200 RTLT=24h 18m 50s

0000 RTLT=24h 18m 54s

VOYAGER 1

FDSL : 11AF

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

FDS MODE  
XB DATA RATE (MI)

CR-5T

160(32)

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

2035 |----- 54 [D] ----- | 0315

0925 | - - 43 [D] - - | 1125

DSN COVERAGE  
HPTXR

32 1015 |----- 34 [D] ----- | 1415

HPTXR

RTLT : 19h 18m 28s

1200 RTLT=19h 18m 28s

0000 RTLT=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

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