

ISSUE DATE: 07/01/02 - 09:33

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 27, 2002
178-179

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 : 23h 23m 2s

1200 RTLTL=23h 23m 10s

0000 RTLTL=23h 23m 18s

↓ 0242 SLEW->HELIO-11B

VOYAGER 1

S/C 31 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -23.804 sec

CCSL : A043
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

ROLLREF = RIGIL
KENTAURUS

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31

25 [D] ----- | 1110

2035 |-----

65 [D] -----

0340 |----- 15 [D] -----

| 0400

DSN COVERAGE
HPTXR

32

45 [D] -----

| 0715 - 2320

HPTXR

RTLTL : 18h 27m 30s

1200 RTLTL=18h 27m 34s

0000 RTLTL=18h 27m 36s

VOYAGER 2

S/C 32 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -1:54.872 sec

CCSL : B116
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: 07/01/02 - 09:33

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 28, 2002
179-180

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 : 23h 23m 18s
VOYAGER 1
FDSL : 11AF
CCSL : A043
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLT=23h 23m 26s
0000 RTLT=23h 23m 32s

1936 | 1937 PWS/RH
↓ 2105 GYRO INIT
↓ 2105 GYROS BC ON
↓ 2115 GYRO FAULT TEST
↓ 2134 LINK AACS APPW PATCH ↓ 0242 SLEW->MIDPNT-B

1634 | - - | 1716 TAPPOS
2144 || 2146 AACS MRO

1936 GS-4B 1937
2143 | - | 2211 TAPPOS

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

DSN COVERAGE

31 | 0720 15 [D] | 0800 | - - - - - 43 [D] - - - - - | 1400 | 0335 | - - - - - 15 [D] - - - - -

HPTXR 0755 | - - - - - 15 [D,2] - - - - - | 1225 | 1905 | - - - - - 65 [D] - - - - - | 0355

32 | 0755 | - - - - - 34 [D] - - - - - | 2255

HPTXR

RTLT : 18h 27m 36s
VOYAGER 2
FDSL : 11AF
CCSL : B116
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLT=18h 27m 38s
0000 RTLT=18h 27m 42s

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

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

NOTES
[1] S/C 31=GS-4B @ 1936 XB=2.8K(41) NOT RECOVERABLE
[2] NMC DEMO TRACK, route data to VGRTIS B5

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: 07/01/02 - 09:33

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 29, 2002
180-181

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 : 23h 23m 32s

1200 RTLT=23h 23m 40s

0000 RTLT=23h 23m 48s

↓ 0243 SLEW->HELIO-10B

VOYAGER 1

FDSL : 11AF

CCSL : A043
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : BC ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 --- 15 [D] --- | 0920

0900 |----- 45 [D] ----- | 1610

1810 |----- 65 [D] ----- | 0350

0355 |----- 15 [D] -----

DSN COVERAGE
HPTXR

32 0810 |----- 43 [o] ----- | 1635

45 [D] 0700

HPTXR

RTLT : 18h 27m 42s

1200 RTLT=18h 27m 44s

0000 RTLT=18h 27m 48s

VOYAGER 2

FDSL : 11AF

CCSL : B116
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: 07/01/02 - 09:33

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 30, 2002
181-182

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 : 23h 23m 48s

1200 RTLT=23h 23m 56s

0000 RTLT=23h 24m 4s

VOYAGER 1

↓ 0243 SLEW->HELIO-9B

FDSL : 11AF

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

CCSL : A043
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : BC ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 15 [D] ----- | 1115

0410 | ----- 14 [T] -----

1955 | ----- 65 [D] ----- | 0345

DSN COVERAGE
HPTXR

32 ----- 45 [D] ----- | 0700 - 2305

HPTXR

RTLT : 18h 27m 48s

1200 RTLT=18h 27m 50s

0000 RTLT=18h 27m 54s

VOYAGER 2

FDSL : 11AF

CCSL : B116
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: 07/01/02 - 09:33

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 1, 2002
182-183

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 : 23h 24m 4s

1200 RTLTL=23h 24m 12s

0000 RTLTL=23h 24m 22s

↓ 0243 SLEW->HELIO-8B

VOYAGER 1

FDSL : 11AF

TLC (SHORT-FORM)

|D/L

CCSL : A043
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : BC ON

▼ 1450 DUMMY [1] (14:14)

▼ 1455 X-BAND HIGH POWER (14:19)

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

14 [T] -----| 0935

0220 |----- 25 [D] -----

0915 | - 24 [D] - | 1050

1400 | - - 43 - - | 1530

2000 |----- 54 [D] ----- | 2325

HPTXR

DSN COVERAGE

32

0755 |----- 43 [D] ----- | 1300

1330 |----- 45 [D] ----- | 2245

HPTXR

RTLTL : 18h 27m 54s

1200 RTLTL=18h 27m 56s

0000 RTLTL=18h 28m 0s

VOYAGER 2

FDSL : 11AF

CCSL : B116
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] opsana 8

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: 07/01/02 - 09:33

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 2, 2002
183-184

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 : 23h 24m 22s
VOYAGER 1
FDSL : 11AF
CCSL : A043
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : BC ON

1200 RTLT=23h 24m 30s
0000 RTLT=23h 24m 38s

1312 | 1313 PWS/RH
*
↓ 1419 BAY 1 HTR OFF
*
↓ 1423 X-BAND HIGH POWER

↓ 1846 ALL DB=.05
↓ 1902 AAI
1903 | - | 1940 ASCAL
↓ 1937 RAI
↓ 1940 CRU
↓ 1948 ROLL=.25
↓ 1948 YAW=.10
↓ 1940 GYROS OFF

↓ 0243 SLEW->HELIO-7B

↓ 0722 D/L

1312 GS-4B 1313

FDS MODE	CR-5T	CR-5T	EL-40	CR-5T
XB DATA RATE (MI)	160(32)	160(32)	40(30)	160(32)

31 - - 25 [D] - | 0835
0815 | - - - - - 14 [D] - - - - - | 1150
1400 | - - - | 1450 45 [D] 1800 | - - - - - 65 [D] - - - - - | 0040
0325 | - - - - - 24 [D] - - - - -

HPTXR

DSN COVERAGE

32 0930 | - - - - - 45 [D] - - - - - | 1315
1545 | - - - - - 34 [D] - - - - - | 2245

HPTXR

RTLT : 18h 28m 0s
VOYAGER 2
FDSL : 11AF
CCSL : B116
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLT=18h 28m 4s
0000 RTLT=18h 28m 6s

1207 | 1208 PWS/RH

1207 GS-4B 1208

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

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

NOTES
[1] S/C 32=GS-4B @ 1207 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 1312 XB=2.8K(41) NOT RECOVERABLE
[3] S/C 31 - D/L AGC/SNR VARIATIONS EXPECTED DURING ASCAL (1903-1940)

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: 07/01/02 - 09:33

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 3, 2002
184-185

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 : 23h 24m 38s

1200 RTLT=23h 24m 46s

0000 RTLT=23h 24m 54s

↓ 0243 SLEW->HELIO-6B

VOYAGER 1

FDSL : 11AF

CCSL : A043
TWNC : ON
SB : OFF XB : HIGH
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 24 [D] - 0830

2150 |----- 65 [D] -----| 0215 |----- 25 [D] -----| 0220

DSN COVERAGE HPTXR

32 0805 |----- 43 [B] -----| 2150

HPTXR

RTLT : 18h 28m 6s

1200 RTLT=18h 28m 10s

0000 RTLT=18h 28m 14s

VOYAGER 2

▼ 1752 DUMMY [1] (5 MIN BRACKETED 12:21)

FDSL : 11AF

CCSL : B116
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] opsana 8

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: 07/01/02 - 09:33

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 4, 2002
185-186

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 : 23h 24m 54s

1200 RTLT=23h 25m 2s

0000 RTLT=23h 25m 12s

↓ 0243 SLEW->HELIO-5B

VOYAGER 1

FDSL : 11AF

CCSL : A043
TWNC : ON
SB : OFF XB : HIGH
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 25 [D] ----- | 1045

0400 ----- 25 [D] -----
0055 ----- 63 [D] ----- | 0420

DSN COVERAGE
HPTXR

32 ----- 34 [D] ----- | 0715 - 1625

1745 ----- 45 [D] ----- | 2250

HPTXR

RTLT : 18h 28m 14s

1200 RTLT=18h 28m 16s

0000 RTLT=18h 28m 20s

VOYAGER 2

FDSL : 11AF

CCSL : B116
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: 07/01/02 - 09:33

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 5, 2002
186-187

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 : 23h 25m 12s

1200 RTLTL=23h 25m 20s

0000 RTLTL=23h 25m 28s

VOYAGER 1

1913 | 1914 PWS/RH

↓ 0243 SLEW->HELIO-4B

FDSL : 11AF

1610 | - - | 1652 TAPPOS

2120 | - - | 2148 TAPPOS

CCSL : A043
TWNC : ON
SB : OFF XB : HIGH
PYR : .05 / .10 / .25
GYROS : OFF

1913
GS-4B 1914

FDS MODE
XB DATA RATE (MI)

CR-5T

CR-5T

160(32)

160(32)

31 ----- 25 [D] ----- | 1040

1745 | ----- 65 [D] ----- | 2250

0120 | ----- 25 [D] -----

DSN COVERAGE
HPTXR

32 | ----- 43 [D] ----- | 0745 - 1050

1420 | ----- 43 [o] ----- | 2145

HPTXR

RTLTL : 18h 28m 20s

1200 RTLTL=18h 28m 24s

0000 RTLTL=18h 28m 28s

VOYAGER 2

FDSL : 11AF

CCSL : B116
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 @ 1913 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: 07/01/02 - 09:33

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 6, 2002
187-188

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 : 23h 25m 28s

1200 RTLT=23h 25m 36s

0000 RTLT=23h 25m 46s

↓ 0244 SLEW->HELIO-3B

VOYAGER 1

FDSL : 11AF

CCSL : A043
TWNC : ON
SB : OFF XB : HIGH
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 25 [D] ----- | 1035

1840 | ----- 65 [D] ----- | 0215
0345 | ----- 15 [D] -----

DSN COVERAGE
HPTXR

32 0915 | ----- 45 [D] ----- | 1915

HPTXR

RTLT : 18h 28m 28s

1200 RTLT=18h 28m 32s

0000 RTLT=18h 28m 36s

VOYAGER 2

FDSL : 11AF

CCSL : B116
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: 07/01/02 - 09:33

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 7, 2002
188-189

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 : 23h 25m 46s

1200 RTLT=23h 25m 54s

0000 RTLT=23h 26m 2s

↓ 0244 SLEW->HELIO-2B

VOYAGER 1

FDSL : 11AF

CCSL : A043
TWNC : ON
SB : OFF XB : HIGH
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 15 [D] ----- | 1030

0350 |----- 15 [D] -----

DSN COVERAGE
HPTXR

2020 |----- 63 [D] ----- | 0410

32 ----- 0950 |----- 43 [D] ----- | 2140

HPTXR

RTLT : 18h 28m 36s

1200 RTLT=18h 28m 40s

0000 RTLT=18h 28m 44s

VOYAGER 2

FDSL : 11AF

CCSL : B116
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: 07/01/02 - 09:33

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 8, 2002
189-190

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 : 23h 26m 2s

1200 RTLT=23h 26m 12s

0000 RTLT=23h 26m 20s

↓ 0244 SLEW->HELIO-1B

VOYAGER 1

FDSL : 11AF

CCSL : A043
TWNC : ON
SB : OFF XB : HIGH
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31 -- 15 [D] -- | 0850

0110 |----- 15 [D] -----

0820 |----- 45 [D] ----- | 1535

DSN COVERAGE
HPTXR

32 0755 |----- 43 [o] ----- | 1525

HPTXR

RTLT : 18h 28m 44s

1200 RTLT=18h 28m 48s

0000 RTLT=18h 28m 52s

VOYAGER 2

FDSL : 11AF

CCSL : B116
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: 07/01/02 - 09:33

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 9, 2002
190-191

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 : 23h 26m 20s

1200 RTLTL=23h 26m 30s

0000 RTLTL=23h 26m 38s

VOYAGER 1

1249 | 1250 PWS/RH

▼ 0122 DUMMY (00:49)

▼ 0127 EL-40 (00:54)

▼ 0136 ECR 100862A (01:03)

▼ 0141 CCSL A044

▼ 0211 MRO ECR 100862A (01:38)

▼ 0256 MRO AHELIO (02:23)

▼ 0326 TLMRST (02:53)

▼ 0346 CR-5T (03:13)

FDSL : 11AF

CCSL : A043
TWNC : ON
SB : OFF XB : HIGH
PYR : .05 / .10 / .25
GYROS : OFF

1249
GS-4B

1250

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

CR-5T

160(32)

31

15 [D] - 0835

0815 |-----

34 [D]

-----| 1410

1730 |-----

65 [D]

-----| 0100

0045 |-----

63

-----| 0400

0340 |-----

24 [D]

DSN COVERAGE

HPTXR

32

|----- 45 [D]

| 0745 - 2210

HPTXR

RTLTL : 18h 28m 52s

1200 RTLTL=18h 28m 56s

0000 RTLTL=18h 29m 0s

VOYAGER 2

1143 | 1144 PWS/RH

FDSL : 11AF

CCSL : B116
TWNC : ON
SB : OFF XB : LOW
PYR : .05 / .10 / .25
GYROS : OFF

1143
GS-4B

1144

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 @ 1143 XB=2.8K(41) NOT RECOVERABLE

[2] S/C 31=GS-4B @ 1249 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: 07/01/02 - 09:33

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 10, 2002
191-192

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 : 23h 26m 38s

1200 RTLT=23h 26m 48s

0000 RTLT=23h 26m 56s

VOYAGER 1

FDSL : 11AF

CCSL : A043
TWNC : ON
SB : OFF XB : HIGH
PYR : .05 / .10 / .25
GYROS : OFF

*
0120 | 0124 CCSL CHKSUM

*
0140 | -- | 0223 CCS MRO ECR 100862A

*
0225 | | 0240 CCS MRO AHELIO

*
0055

*
0314

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

EL-40
40(30)

CR-5T
160(32)

31 -- 24 [D] - | 0835

1050 | - - - - - 45 [D] - - - - - | 1410

0050 | - - - - - 15 [D] - - - - - | 0410

2245 | - - - 65 [D] - - - | 0110

0350 | - - - - - 14 - - - - -

DSN COVERAGE
HPTXR

32

1105 | - - - - - 43 [B] - - - - - | 1755

HPTXR

RTLT : 18h 29m 0s

1200 RTLT=18h 29m 4s

0000 RTLT=18h 29m 8s

VOYAGER 2

FDSL : 11AF

CCSL : B116
TWNC : ON
SB : OFF XB : LOW
PYR : .05 / .10 / .25
GYROS : OFF

▼ 1652 DUMMY (5 MIN BRACKETED 11:22)

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: 07/01/02 - 09:33

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 11, 2002
192-193

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 : 23h 26m 56s

1200 RTLT=23h 27m 6s

0000 RTLT=23h 27m 14s

VOYAGER 1

FDSL : 11AF

CCSL : A043
TWNC : ON
SB : OFF XB : HIGH
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 --- 14 --- | 0850

1145 | - - - - - 45 [D] - - - - - | 1525

2345 | - - - - - 63 - - - - - | 0355

0335 | - - - - - 15 [D] - - - - -

DSN COVERAGE
HPTXR

32

- - - - - 43 [D] - - - - - | 0745 - 2135

34 [D] 0645 | -

HPTXR

RTLT : 18h 29m 8s

1200 RTLT=18h 29m 12s

0000 RTLT=18h 29m 18s

VOYAGER 2

FDSL : 11AF

CCSL : B116
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: 07/01/02 - 09:33

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 12, 2002
193-194

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 : 23h 27m 14s

1200 RTLTL=23h 27m 24s

0000 RTLTL=23h 27m 34s

VOYAGER 1

1850 | 1851 PWS/RH

FDSL : 11AF

1548 | -- | 1629 TAPPOS

2057 | -- | 2125 TAPPOS

CCSL : A043
TWNC : ON
SB : OFF XB : HIGH
PYR : .05 / .10 / .25
GYROS : OFF

1850
GS-4B 1851

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31 ----- 15 [D] ----- | 1010

1720 | ----- 65 [D] ----- | 0240 ----- 25 [D] ----- | 0300

DSN COVERAGE
HPTXR

32 ----- 34 [D] ----- | 1830

HPTXR

RTLTL : 18h 29m 18s

1200 RTLTL=18h 29m 22s

0000 RTLTL=18h 29m 26s

VOYAGER 2

FDSL : 11AF

CCSL : B116
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 @ 1850 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: 07/01/02 - 09:33

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 13, 2002
194-195

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 : 23h 27m 34s

1200 RTLT=23h 27m 42s

0000 RTLT=23h 27m 52s

VOYAGER 1

FDSL : 11AF

CCSL : A043
TWNC : ON
SB : OFF XB : HIGH
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 25 [D] ----- | 1010

1715 | ----- 65 [D] ----- | 2225

0050 | ----- 15 [D] -----

DSN COVERAGE
HPTXR

32

----- 43 [o] ----- | 0735 - 2130

34 [D] 0640 |

HPTXR

RTLT : 18h 29m 26s

1200 RTLT=18h 29m 32s

0000 RTLT=18h 29m 36s

VOYAGER 2

FDSL : 11AF

CCSL : B116
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: 07/01/02 - 09:33

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 14, 2002
195-196

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 : 23h 27m 52s

1200 RTLT=23h 28m 2s

0000 RTLT=23h 28m 10s

VOYAGER 1

FDSL : 11AF

CCSL : A043
TWNC : ON
SB : OFF XB : HIGH
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 15 [D] ----- | 1005

1710 |----- 65 [D] ----- | 0235 |----- 25 [D] ----- | 0255

DSN COVERAGE
HPTXR

32 ----- 34 [D] ----- | 1940

HPTXR

RTLT : 18h 29m 36s

1200 RTLT=18h 29m 40s

0000 RTLT=18h 29m 46s

VOYAGER 2

FDSL : 11AF

CCSL : B116
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