

ISSUE DATE: 06/06/02 - 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
JUNE 6, 2002
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 : 23h 18m 30s | 1200 RTLT=23h 18m 36s | 0000 RTLT=23h 18m 42s

VOYAGER 1
FDSL : 11AF
CCSL : A043
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : AB ON

S/C 31 STATUS
FDS CLOCK DRIFT: ADD TO S/C EVENT ERT: -23.930 sec
ROLLREF = RIGIL KENTAURUS

- ↓ 2146 ALL DB=.05
- ↓ 2202 AAI
- 2203 |---| 2240 ASCAL
- ↓ 2238 RAI
- ↓ 2240 CRU
- ↓ 2240 GYROS OFF
- ↓ 2249 ROLL=.25
- ↓ 2249 YAW=.10
- ↓ 0240 SLEW->HELIO-9A

FDS MODE	CR-5T	2131 2243	EL-40	CR-5T
XB DATA RATE (MI)	160(32)		40(30)	160(32)

31 ----- 15 [D] ----- | 1250 |----- 2105 |----- 65 [D] ----- | 0455 |--- 15 [D] ---

DSN COVERAGE HPTXR
32 0830 |----- 43 [D] ----- | 1430 |----- 1900 |----- 45 [D] ----- | 0040

HPTXR
1200 RTLT=18h 26m 34s | 0000 RTLT=18h 26m 34s

RTLT : 18h 26m 34s | 1814 |----- COMMAND MORATORIUM -----

VOYAGER 2
FDSL : 11AF
CCSL : B116
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: -1:12.514 sec
ROLLREF = VEGA

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

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

NOTES [1] S/C 31 - D/L AGC/SNR VARIATIONS EXPECTED DURING ASCAL (2203-2240)

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: 06/06/02 - 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
JUNE 7, 2002
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 : 23h 18m 42s

1200 RTLT=23h 18m 46s

0000 RTLT=23h 18m 52s

↓ 0240 SLEW->HELIO-10A

VOYAGER 1

FDSL : 11AF

1743 | TAPPOS | 1933

2253 | TAPPOS | 0057

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

2046
GS-4B 2047

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

CR-5T

160(32)

31

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

2020 | ----- 65 [D] ----- | 0500 | -- 25 [D] -- | 0515

DSN COVERAGE
HPTXR

32

0835 | ----- 45 [D] ----- | 1835

HPTXR

RTLT : 18h 26m 34s

1200 RTLT=18h 26m 36s

0000 RTLT=18h 26m 36s

----- COMMAND MORATORIUM -----

VOYAGER 2

↓ 1211 GYRO INIT
↓ 1211 GYROS AB ON
↓ 1221 GYRO FAULT TEST

FDSL : 11AF

1315 | 1321 CCSTIM(B)

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] S/C 31=GS-4B @ 2046 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: 06/06/02 - 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
JUNE 8, 2002
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 : 23h 18m 52s

1200 RTLT=23h 18m 58s

0000 RTLT=23h 19m 4s

↓ 0240 SLEW->MIDPNT-A

VOYAGER 1

FDSL : 11AF

CCSL : A043
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] ----- | 1225

2105 |----- 65 [D] ----- | 0455 |--- 15 [D] --- | 0500

DSN COVERAGE HPTXR

32

0915 |----- 43 [o] ----- | 1900

HPTXR

RTLT : 18h 26m 36s

1200 RTLT=18h 26m 36s

0000 RTLT=18h 26m 36s

----- COMMAND MORATORIUM ----- | 1744

VOYAGER 2

FDSL : 11AF

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

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: 06/06/02 - 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 9, 2002
160-161

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 19m 4s

1200 RTLT=23h 19m 8s

0000 RTLT=23h 19m 14s

↓ 0240 SLEW->HELIO-11A

VOYAGER 1

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 15 [D] ----- | 1240

0445 | -- 15 [D] --

2120 |----- 65 [D] -----| 0500

DSN COVERAGE
HPTXR

32 0825 |----- 45 [D] -----| 1810

2205 | -- 34 [D] ---| 0025

1805 |----- 43 [o] -----| 2225

HPTXR

RTLT : 18h 26m 36s

1200 RTLT=18h 26m 36s

0000 RTLT=18h 26m 38s

VOYAGER 2

FDSL : 11AF

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

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: 06/06/02 - 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
JUNE 10, 2002
161-162

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 19m 14s

1200 RTLT=23h 19m 20s

0000 RTLT=23h 19m 26s

↓ 0240 SLEW->HELIO-12A

VOYAGER 1

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31 ----- 15 [D] ----- | 1235

2105 |----- 65 [D] ----- | 0445 |--- 25 [D] --- | 0505

DSN COVERAGE HPTXR

32 1040 |----- 43 [D] ----- | 2145

HPTXR

RTLT : 18h 26m 38s

1200 RTLT=18h 26m 38s

0000 RTLT=18h 26m 38s

VOYAGER 2

FDSL : 11AF

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

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: 06/06/02 - 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
JUNE 11, 2002
162-163

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 19m 26s
VOYAGER 1
FDSL : 11AF
CCSL : A043
TWNC : ON
SB : OFF XB : LOW
PYR : .05 / .10 / .25
GYROS : OFF

1200 RTLTL=23h 19m 32s | 0000 RTLTL=23h 19m 38s

1422 | 1423 PWS/RH | 2140 | TAPPOS | 2303

↓ 2130 BAY 1 HTR OFF
↓ 2134 X/B HI POWER

DUMMY [4] (05:50) 0630 ▼
↓ 0240 SLEW->HELIO-13A
YAW=.05 0516 ↓

PLAYBACK 0526 |-----|

1422 GS-4B 1423

FDS MODE	CR-5T	CR-5T	0526	PB-14
XB DATA RATE (MI)	160(32)	160(32)		1.4K(39)

31 -----25 [D]-----| 1215 |-----2100 |-----65 [D]-----| 0505 |-----14 [T]-----| 0450

DSN COVERAGE HPTXR

32 |-----1155 |-----43 [B]-----| 2220

HPTXR

RTLTL : 18h 26m 38s
VOYAGER 2
FDSL : 11AF
CCSL : B116
TWNC : ON
SB : OFF XB : LOW
PYR : .05 / .10 / .25
GYROS : AB ON

1200 RTLTL=18h 26m 40s | 0000 RTLTL=18h 26m 40s

↓ 1311 GYRO INIT | 1752 DUMMY [3] (5 MIN BRACKETED 12:19)

1318 | 1319 PWS/RH

1318 GS-4B 1319

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

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

NOTES
[1] S/C 32=GS-4B @ 1318 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 1422 XB=2.8K(41) NOT RECOVERABLE
[3,4] Use opsana8 V26 cmd

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: 06/06/02 - 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
JUNE 12, 2002
163-164

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 19m 38s

1200 RTLT=23h 19m 44s

0000 RTLT=23h 19m 50s

VOYAGER 1

U/L 1100 | - | - - - - - TLC (SHORT-FORM) - - - - -

FDSL : 11AF

↓ 1048 YAW=-.10

↓ 0241 SLEW->HELIO-14A

CCSL : A043

↓ 1125 X/B LOW POWER

TWNC : ON

↓ 1129 BAY 1 HTR ON

SB : OFF XB : HI

PYR : .05 / .05 / .25

GYROS : OFF

----- PLAYBACK ----- | 1037

2141 | - TAPPOS - | 2332

FDS MODE
XB DATA RATE (MI)

1037
PB-14
1.4K(39)

CR-5T
160(32)

31 ----- 14 [T] ----- | 1305

2100 | - - - - - 65 [D] - - - - - 0435 | - - - 15 [D] - - -
| 0450

DSN COVERAGE
HPTXR

32 0815 | - - - - - 45 [D] - - - - - | 2015

HPTXR

RTLT : 18h 26m 40s

1200 RTLT=18h 26m 40s

0000 RTLT=18h 26m 42s

VOYAGER 2

FDSL : 11AF

CCSL : B116

TWNC : ON

SB : OFF XB : LOW

PYR : .05 / .10 / .25

GYROS : AB ON

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

VOYAGER COVERAGE

----- 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: 06/06/02 - 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
JUNE 13, 2002
164-165

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 19m 50s

1200 RTLT=23h 19m 56s

0000 RTLT=23h 20m 2s

↓ 0241 SLEW->HELIO-15A

VOYAGER 1 - - TLC (SHORT-FORM) - - | D/L - | 1147

FDSL : 11AF

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

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

31 ----- 15 [D] ----- | 1220

2050 |----- 65 [D] ----- | 0435 |--- 25 [D] --- | 0445

DSN COVERAGE HPTXR
32

0845 |----- 43 [D] ----- | 2045

HPTXR

RTLT : 18h 26m 42s

1200 RTLT=18h 26m 42s

0000 RTLT=18h 26m 44s

0123 |--- COMMAND MORATORIUM ---

VOYAGER 2

FDSL : 11AF

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

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: 06/06/02 - 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
JUNE 14, 2002
165-166

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 20m 2s

1200 RTLT=23h 20m 8s

0000 RTLT=23h 20m 14s

↓ 0241 SLEW->HELIO-16A

VOYAGER 1

FDSL : 11AF

CCSL : A043
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] ----- | 1205

2255 | ----- 54 [D] ----- | 0315 ----- 25 [D] ----- | 0330

DSN COVERAGE HPTXR

32

1125 | ----- 43 [D] ----- | 2055

HPTXR

RTLT : 18h 26m 44s

1200 RTLT=18h 26m 44s

0000 RTLT=18h 26m 46s

----- COMMAND MORATORIUM -----

VOYAGER 2

↓ 1321 AAI

1324 | ----- MAGROL ----- | 1920

FDSL : 11AF

↓ 1913 RAI

↓ 1920 CRU

↓ 1920 GYROS OFF

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER COVERAGE

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

----- VGR ----- |

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

NOTES

[1] S/C 32 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (1324-1920)

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: 06/06/02 - 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
JUNE 15, 2002
166-167

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 20m 14s

1200 RTLT=23h 20m 20s

0000 RTLT=23h 20m 28s

↓ 0241 SLEW->HELIO-17A

VOYAGER 1

FDSL : 11AF

CCSL : A043
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] ----- 1200

1950 |----- 54 [D] ----- 0315 |----- 25 [D] -----
|----- 0325

DSN COVERAGE
HPTXR

32 0835 |----- 34 [D] ----- 1835

HPTXR

RTLT : 18h 26m 46s

1200 RTLT=18h 26m 46s

0000 RTLT=18h 26m 48s

COMMAND MORATORIUM

| 0053

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: 06/06/02 - 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 16, 2002
167-168

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 20m 28s

1200 RTLTL=23h 20m 34s

0000 RTLTL=23h 20m 40s

↓ 0241 SLEW->HELIO-18A

VOYAGER 1

FDSL : 11AF

CCSL : A043
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] ----- | 1200

0420 | ---- 15 [D] ----

HPTXR

1855 | ----- 65 [D] ----- | 0435

DSN COVERAGE

32

0850 | ----- 34 [o] ----- | 2145

HPTXR

RTLTL : 18h 26m 48s

1200 RTLTL=18h 26m 50s

0000 RTLTL=18h 26m 50s

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: 06/06/02 - 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
JUNE 17, 2002
168-169

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 20m 40s

1200 RTLT=23h 20m 46s

0000 RTLT=23h 20m 54s

↓ 0241 SLEW->HELIO-19A

↓ 2130 MEMUPD - ENA AHELI1

VOYAGER 1

FDSL : 11AF

2130 | 2131 CCS MRO ADR 5650

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 15 [D] ----- | 1205

2055 | ----- 65 [D] ----- | 0445 | --- 14 [T] --- | 0450

DSN COVERAGE
HPTXR

32 0750 | ----- 45 [D] ----- | 1150

HPTXR

RTLT : 18h 26m 50s

1200 RTLT=18h 26m 52s

0000 RTLT=18h 26m 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 ----- + 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: 06/06/02 - 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
JUNE 18, 2002
169-170

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 20m 54s

1200 RTLT=23h 21m 0s

0000 RTLT=23h 21m 6s

VOYAGER 1

U/L 1100 | - | - - - - - TLC (SHORT-FORM) - - - - -

FDSL : 11AF

1359 | 1400 PWS/RH

↓ 0241 SLEW->HELIO-20B

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

PLSCAL 0550 | - - - - -
MAGCAL 0550 | - - - - -
PESCAL 0550 | - - - - -

FDS MODE
XB DATA RATE (MI)

CR-5T

CR-5T

31

160(32)

160(32)

1359
GS-4B 1400

14 [T] - - - - - | 1245

0255 | - - - - - 25 [D] - - - - -

DSN COVERAGE
HPTXR

32

- - - - - 45 [D] - - - - - | 0745 - 2350

HPTXR

RTLT : 18h 26m 54s

1200 RTLT=18h 26m 56s

0000 RTLT=18h 26m 56s

VOYAGER 2

1254 | 1255 PWS/RH

FDSL : 11AF

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

1254
GS-4B 1255

FDS MODE
XB DATA RATE (MI)

CR-5T

CR-5T

160(32)

160(32)

VOYAGER COVERAGE

- - - - - ON CALL - - - - -

NOTES

[1] S/C 32=GS-4B @ 1254 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 1359 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: 06/06/02 - 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
JUNE 19, 2002
170-171

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 21m 6s

1200 RTLT=23h 21m 14s

0000 RTLT=23h 21m 20s

VOYAGER 1

-- TLC (SHORT-FORM) - + D/L - | 1149

↓ 0241 SLEW->HELIO-19B

FDSL : 11AF

CCSL : A043

-- | 0732 PLSCAL

TWNC : ON

- MAGCAL - | 0852

SB : OFF XB : LOW

-- PESCAL -- | 0910

PYR : .05 / .10 / .25

GYROS : OFF

FDS MODE

CR-5T

XB DATA RATE (MI)

160(32)

31

----- 25 [D] ----- | 1150

2355 |----- 65 [D] ----- | 0410 |----- 25 [D] ----- | 0425

HPTXR

DSN COVERAGE

32

0915 |----- 43 [B] ----- | 1730

HPTXR

RTLT : 18h 26m 56s

1200 RTLT=18h 26m 58s

0000 RTLT=18h 27m 0s

VOYAGER 2

▼ 1552 DUMMY [1] (5 MIN BRACKETED 10:20)

FDSL : 11AF

CCSL : B116

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

NOTES

[1] Use opsana8 V26 cmd

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: 06/06/02 - 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
JUNE 20, 2002
171-172

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 21m 20s

1200 RTLTL=23h 21m 28s

0000 RTLTL=23h 21m 34s

↓ 0241 SLEW->HELIO-18B

VOYAGER 1

FDSL : 11AF

▼ 1500 DUMMY [1] (14:22)

CCSL : A043
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] -- | 0850

0205 |----- 15 [D] -----

0830 |----- 43 ----- | 1520

2045 |----- 65 [D] ----- | 0225

DSN COVERAGE
HPTXR

32 |----- 45 [D] ----- | 0740 - 1520

HPTXR

RTLTL : 18h 27m 0s

1200 RTLTL=18h 27m 2s

0000 RTLTL=18h 27m 4s

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] Use opsana8 V26 cmd

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: 06/06/02 - 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
JUNE 21, 2002
172-173

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 21m 34s

1200 RTLTL=23h 21m 42s

0000 RTLTL=23h 21m 48s

VOYAGER 1

1959 | 2000 PWS/RH

↓ 0242 SLEW->HELIO-17B

FDSL : 11AF

1657 | - - | 1739 TAPPOS

2206 | - - | 2234 TAPPOS

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

1959
GS-4B 2000

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31

15 [D]

1130 | 1150

45 [D]

1640

0400

15 [D]

DSN COVERAGE

HPTXR

1130 |

1835 |

65 [D]

0420

32

0820 |

43 [D]

2210

HPTXR

RTLTL : 18h 27m 4s

1200 RTLTL=18h 27m 6s

0000 RTLTL=18h 27m 8s

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 @ 1959 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: 06/06/02 - 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
JUNE 22, 2002
173-174

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 21m 48s

1200 RTLT=23h 21m 56s

0000 RTLT=23h 22m 2s

↓ 0242 SLEW->HELIO-16B

VOYAGER 1

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 15 [D] ----- | 1145

1840 | ----- 65 [D] ----- | 0415

DSN COVERAGE HPTXR

32 | ----- 45 [D] ----- | 0730 - 2335

HPTXR

RTLT : 18h 27m 8s

1200 RTLT=18h 27m 10s

0000 RTLT=18h 27m 12s

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: 06/06/02 - 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 23, 2002
174-175

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 22m 2s

1200 RTLT=23h 22m 10s

0000 RTLT=23h 22m 16s

↓ 0242 SLEW->HELIO-15B

VOYAGER 1

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 0815 |----- 43 [D] -----| 1210

2100 |----- 65 [D] -----| 0415
0355 |----- 25 [D] -----|

DSN COVERAGE HPTXR

32 0805 |----- 34 [D] -----| 2145

HPTXR

RTLT : 18h 27m 12s

1200 RTLT=18h 27m 14s

0000 RTLT=18h 27m 16s

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