

ISSUE DATE: 06/19/02 - 09:14

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

VOYAGER 1

FDSL : 11AF

CCSL : A043
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: -23.832 sec

ROLLREF = RIGIL
KENTAURUS

▼ 1500 DUMMY [1] (14:22)

↓ 0241 SLEW->HELIO-18B

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

31 --- 25 [D] --- 0850
0830 |----- 43 -----| 1520
2045 |----- 65 [D] -----| 0225

DSN COVERAGE
HPTXR

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

HPTXR

RTLTL : 18h 27m 0s

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: -1:14.011 sec

ROLLREF = VEGA

1200 RTLTL=18h 27m 2s

0000 RTLTL=18h 27m 4s

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: 06/19/02 - 09:14

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

RTLT : 23h 21m 34s
VOYAGER 1
FDSL : 11AF
CCSL : A043
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLT=23h 21m 42s
1959 | 2000 PWS/RH
0000 RTLT=23h 21m 48s
↓ 0242 SLEW->HELIO-17B

1657 | - - | 1739 TAPPOS
2206 | - - | 2234 TAPPOS

1959 GS-4B 2000

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

31 15 [D] 1150 0400 15 [D]

1130 45 [D] 1640 1900 65 [D] 0420

DSN COVERAGE HPTXR

32 0820 43 [D] 2210

HPTXR

RTLT : 18h 27m 4s
VOYAGER 2
FDSL : 11AF
CCSL : B116
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLT=18h 27m 6s
0000 RTLT=18h 27m 8s

FDS MODE CR-5T
XB DATA RATE (MI) 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: 06/19/02 - 09:14

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

RTLTL : 23h 21m 48s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A043
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLTL=23h 21m 56s
 0000 RTLTL=23h 22m 2s
 ↓ 0242 SLEW->HELIO-16B

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

31 ----- 15 [D] ----- | 1145
 1840 |----- 65 [D] -----| 0415
 HPTXR 0415 |----- 15 [D,1] -----
 DSN COVERAGE
 32 |----- 45 [D] -----| 0730 - 2335
 HPTXR

RTLTL : 18h 27m 8s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B116
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLTL=18h 27m 10s
 0000 RTLTL=18h 27m 12s

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

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

NOTES [1] 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: 06/19/02 - 09:14

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

0355 |----- 25 [D] -----|

HPTXR | 15 [D,1] - - | 0900

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

DSN COVERAGE

32 0820 |----- 34 [o] -----| 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

[1] 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: 06/19/02 - 09:14

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 24, 2002
175-176

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 16s

1200 RTLT=23h 22m 24s

0000 RTLT=23h 22m 32s

↓ 0242 SLEW->HELIO-14B

VOYAGER 1

FDSL : 11AF

U/L 0310 | - | TLC (SHORT-FORM) -

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

▼ 2200 [1] DUMMY (21:23)

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 - - 25 [D] - - | 0835

0435 | - - - 25 [D] - - -

0815 | - - - - - 43 [D] - - - - - | 1615

2100 | - - - - - 63 [T] - - - - - | 0455

DSN COVERAGE
HPTXR

32 0800 | - - - - - 45 [D] - - - - - | 1800

HPTXR

RTLT : 18h 27m 16s

1200 RTLT=18h 27m 18s

0000 RTLT=18h 27m 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 - - - - -

+ - 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: 06/19/02 - 09:14

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 25, 2002
176-177

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 22m 32s

1200 RTLTL=23h 22m 40s

0000 RTLTL=23h 22m 46s

VOYAGER 1

1335 | 1336 PWS/RH

↓ 0242 SLEW->HELIO-13B

FDSL : 11AF

TLC (SHORT-FORM)

+ D/L -| 0401

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

1336
GS-4B 1336

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

CR-5T

160(32)

31

25 [D] -----| 1045

1025 |----- 34 [D] -----| 1530

2040 |----- 65 [D] -----| 0410

DSN COVERAGE

HPTXR

32

43 [D] -----| 0705 - 2200

HPTXR

RTLTL : 18h 27m 20s

1200 RTLTL=18h 27m 24s

0000 RTLTL=18h 27m 26s

VOYAGER 2

1230 | 1231 PWS/RH

1242 |----- DTR MAINT -----| 1808

1344 | PLSCAL -| 1527

1344 |---- MAGCAL ----| 1647

1344 |---- PESCAL ----| 1704

1810 | 1812 TAPPOS

FDSL : 11AF

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

1231
GS-4B 1231

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

CR-5T

160(32)

VOYAGER COVERAGE

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

NOTES

- [1] S/C 32=GS-4B @ 1231 XB=2.8K(41) NOT RECOVERABLE
- [2] S/C 31=GS-4B @ 1336 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: 06/19/02 - 09:14

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 26, 2002
177-178

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 46s

1200 RTLT=23h 22m 54s

0000 RTLT=23h 23m 2s

↓ 0242 SLEW->HELIO-12B

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 0750 |----- 24 [D] -----| 1045 0340 |----- 25 [D] -----|

1125 |----- 34 [D] -----| 1525

1815 |----- 65 [D] -----| 0400

DSN COVERAGE
HPTXR

32 0925 |----- 43 [B] -----| 1640

1620 |----- 34 [D] -----| 1855

HPTXR

RTLT : 18h 27m 26s

1200 RTLT=18h 27m 28s

0000 RTLT=18h 27m 30s

VOYAGER 2

FDSL : 11AF

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

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

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: 06/19/02 - 09:14

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

RTLT : 23h 23m 2s

1200 RTLT=23h 23m 10s

0000 RTLT=23h 23m 18s

↓ 0242 SLEW->HELIO-11B

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] ----- | 1110

2035 |----- 65 [D] ----- | 0340 |----- 15 [D] ----- | 0400

DSN COVERAGE
HPTXR

32

----- 45 [D] ----- | 0715 - 2320

HPTXR

RTLT : 18h 27m 30s

1200 RTLT=18h 27m 34s

0000 RTLT=18h 27m 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: 06/19/02 - 09:14

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

<p>FRIDAY JUNE 28, 2002 179-180</p>	
<p>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</p> <p>RTLTL : 23h 23m 18s</p> <p>VOYAGER 1</p> <p>FDSL : 11AF</p> <p>CCSL : A043 TWNC : ON SB : OFF XB : LOW PYR : .05/ .10/ .25 GYROS : OFF</p> <p>FDS MODE XB DATA RATE (MI)</p>	<p>1200 RTLTL=23h 23m 26s</p> <p>1936 1937 PWS/RH ↓ 2105 GYRO INIT ↓ 2105 GYROS BC ON ↓ 2115 GYRO FAULT TEST ↓ 2134 LINK AACS APPW PATCH ↓ 0242 SLEW->MIDPNT-B</p> <p>1634 - - 1716 TAPPOS</p> <p>2144 2146 AACS MRO</p> <p>1936 GS-4B 1937</p> <p>2143 - 2211 TAPPOS</p> <p>CR-5T 160(32)</p> <p>CR-5T 160(32)</p>
<p>DSN COVERAGE</p> <p>HPTXR</p> <p>HPTXR</p>	<p>31 0720 15 [D] 0800 - - - - - 43 [D] - - - - - 1400 0335 - - - - - 15 [D] - - - - -</p> <p>0755 - - - - - 15 [D,2] - - - - - 1225 1905 - - - - - 65 [D] - - - - - 0355</p> <p>32 0755 - - - - - 34 [D] - - - - - 2255</p>
<p>RTLTL : 18h 27m 36s</p> <p>VOYAGER 2</p> <p>FDSL : 11AF</p> <p>CCSL : B116 TWNC : ON SB : OFF XB : LOW PYR : .05/ .10/ .25 GYROS : OFF</p> <p>FDS MODE XB DATA RATE (MI)</p>	<p>1200 RTLTL=18h 27m 38s</p> <p>0000 RTLTL=18h 27m 42s</p> <p>CR-5T 160(32)</p>
<p>VOYAGER COVERAGE</p>	<p>----- ON CALL ----- - VGR - ----- ON CALL -----</p>
<p>NOTES</p>	<p>[1] S/C 31=GS-4B @ 1936 XB=2.8K(41) NOT RECOVERABLE [2] NMC DEMO TRACK, route data to VGRTIS B5</p>
<p>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</p>	

ISSUE DATE: 06/19/02 - 09:14

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: 06/19/02 - 09:14

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

1200 RTLT=23h 23m 56s
 0000 RTLT=23h 24m 4s

↓ 0243 SLEW->HELIO-9B
 U/L 0630 | -
 TLC (SHORT-FORM) |

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

31 ----- 15 [D] ----- | 1115
 0410 |----- 14 [T] -----

HPTXR
 DSN COVERAGE
 1955 |----- 65 [D] ----- | 0345

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

RTLT : 18h 27m 48s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B116
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=18h 27m 50s
 0000 RTLT=18h 27m 54s

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: 06/19/02 - 09:14

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

▼ 2130 DUMMY [1] (20:54)

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

14 [T] --- | 0935

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

0915 | - 24 [D] - | 1050

2015 |----- 54 [D] -----| 2325

DSN COVERAGE

HPTXR

32

0755 |----- 43 [D] -----| 1530

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: 06/19/02 - 09:14

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
↓ 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
1800 | - - - - - 65 [D] - - - - - | 0040
0325 | - - - - - 24 [D] - - - - -

HPTXR

DSN COVERAGE

32 0930 | - - - - - 45 [D] - - - - - | 1450

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 - - - - -

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: 06/19/02 - 09:14

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 : LOW
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 24 [D] - 0830

2000 |----- 54 [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

FDSL : 11AF

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

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

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: 06/19/02 - 09:14

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

RTLTL : 23h 24m 54s

1200 RTLTL=23h 25m 2s

0000 RTLTL=23h 25m 12s

↓ 0243 SLEW->HELIO-5B

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] ----- | 1045

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

DSN COVERAGE
HPTXR

32 |----- 34 [D] ----- | 0715 - 2230

HPTXR

RTLTL : 18h 28m 14s

1200 RTLTL=18h 28m 16s

0000 RTLTL=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: 06/19/02 - 09:14

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 : LOW
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

1405 | - - - - - 43 [D] - - - - - | 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: 06/19/02 - 09:14

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 : LOW
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

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

2055 | ----- 54 [D] ----- | 0045
0205 | ----- 25 [D] -----

DSN COVERAGE
HPTXR

32 0915 | ----- 34 [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: 06/19/02 - 09:14

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 : LOW
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 25 [D] ----- | 1030

2045 | ----- 54 [D] ----- | 0105

0500 | -- 25 [D] -- |

0045 | ----- 63 [D] ----- | 0410

DSN COVERAGE
HPTXR

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