

ISSUE DATE: 05/22/01 - 10:47

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 17, 2001
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

RTLTL : 22h 15m 52s
VOYAGER 1
FDSL : 11AF
CCSL : A039
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: -21.315 sec

ROLLREF = RIGIL
KENTAURUS

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

0937 GS-4B 0938 1857 GS-4B 1858 0421 GS-4B 0422

31 --- 24 [D] --- | 0925 2045 | --- 63 [D] --- | 0255 0420 | --- 25 [D] ---

HPTXR

DSN COVERAGE

32 0940 | --- 43 [D] --- | 1700 1640 | --- 34 [D] --- | 2000

HPTXR

RTLTL : 17h 35m 28s
VOYAGER 2
FDSL : 11AF
CCSL : B111
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: -68.765 sec

ROLLREF = VEGA

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

VOYAGER COVERAGE --- ON CALL ---

NOTES

[1] S/C 31=GS-4B @ 0937 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 1857 XB=2.8K(41) NOT RECOVERABLE
[3] S/C 31=GS-4B @ 0421 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: 05/22/01 - 10:47

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 18, 2001
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

RTLTL : 22h 15m 58s

1200 RTLTL=22h 16m 0s

0000 RTLTL=22h 16m 4s

↓ 0109 SLEW->HELIO-1C

VOYAGER 1

FDSL : 11AF

CCSL : A039
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1341
GS-4B 1342

2301
GS-4B 2302

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

31 ----- 25 [D] ----- | 1400 ----- 2045 | ----- 63 [D] ----- | 0400 ----- 25 [D] -----

DSN COVERAGE HPTXR

32 ----- 1600 | ----- 34 [o] ----- | 0135

HPTXR

RTLTL : 17h 35m 24s

1200 RTLTL=17h 35m 22s

0000 RTLTL=17h 35m 22s

VOYAGER 2

FDSL : 11AF

CCSL : B111
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

2350 | ----- | 0059 TAPPOS

TAPPOS 0459 | --- | 0555

0251
GS-4B 0252

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

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

NOTES

- [1] S/C 31=GS-4B @ 1341 XB=2.8K(41) NOT RECOVERABLE
- [2] S/C 31=GS-4B @ 2301 XB=2.8K(41) NOT RECOVERABLE
- [3] S/C 32=GS-4B @ 0251 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: 05/22/01 - 10:47

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 19, 2001
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

RTLTL : 22h 16m 4s

1200 RTLTL=22h 16m 6s

0000 RTLTL=22h 16m 10s

↓ 0109 SLEW->HELIO-2C

VOYAGER 1

FDSL : 11AF

CCSL : A039

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

0821
GS-4B 0822

1741
GS-4B 1742

0301
GS-4B 0302

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

CR-5T
160(32)

CR-5T
160(32)

31 ---| 0740 25 [D]

2040 |----- 65 [D] -----| 0410 |----- 25 [D] -----| 0450

DSN COVERAGE
HPTXR

32

1110 |----- 43 [o] -----| 0000

HPTXR

RTLTL : 17h 35m 22s

1200 RTLTL=17h 35m 20s

0000 RTLTL=17h 35m 18s

VOYAGER 2

FDSL : 11AF

CCSL : B111

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 @ 0821 XB=2.8K(41) NOT RECOVERABLE
- [2] S/C 31=GS-4B @ 1741 XB=2.8K(41) NOT RECOVERABLE
- [3] S/C 31=GS-4B @ 0301 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: 05/22/01 - 10:47

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 20, 2001
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 : 22h 16m 10s
VOYAGER 1
FDSL : 11AF
CCSL : A039
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

↓ 1200 RTLT=22h 16m 14s
↓ 0109 SLEW->HELIO-3C
↓ 0109 SLEW->HELIO-4C

1226 GS-4B 1227
2146 GS-4B 2147

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

31 ----- 25 [D] ----- | 1355 ----- 0520 | - - 15 [D] - -

DSN COVERAGE HPTXR
32 0925 | - - - - - 43 [D] - - - - - | 1655 ----- 2035 | - - - - - 63 [D] - - - - - | 0540

HPTXR

RTLT : 17h 35m 18s
VOYAGER 2
FDSL : 11AF
CCSL : B111
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLT=17h 35m 16s
0000 RTLT=17h 35m 16s

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

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

NOTES
[1] S/C 31=GS-4B @ 1226 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 2146 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: 05/22/01 - 10:47

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 21, 2001
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

RTLTL : 22h 16m 16s

1200 RTLTL=22h 16m 20s | 0000 RTLTL=22h 16m 24s

VOYAGER 1

↓ 1309 SLEW->HELIO-5C

↓ 0109 SLEW->HELIO-6C

FDSL : 11AF

↓ 2202 MEMUPD - DIS AHELIO

CCSL : A039
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

▼ 2130 DUMMY (19:46)

0148 |----| 0243 TAPPOS

0706
GS-4B 0707

1626
GS-4B 1627

0146
GS-4B 0147

FDS MODE
XB DATA RATE (MI)

CR-5T 160(32) | CR-5T 160(32) | CR-5T 160(32)

31 |-----15 [D]-----| 1235 |-----2050-----63-----| 0245 |-----14 [D]-----| 0240

DSN COVERAGE
HPTXR

32 |-----1005-----34 [D]-----| 1655

HPTXR

RTLTL : 17h 35m 16s

1200 RTLTL=17h 35m 14s | 0000 RTLTL=17h 35m 12s

VOYAGER 2

FDSL : 11AF

CCSL : B111
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=CR-5T @ 0700-0706 XB=160(32)
- [2] S/C 31=GS-4B @ 0706 XB=2.8K(41) NOT RECOVERABLE
- [3] S/C 31=GS-4B @ 1626 XB=2.8K(41) NOT RECOVERABLE
- [4] S/C 31=GS-4B @ 0146 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: 05/22/01 - 10:47

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 22, 2001
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 : 22h 16m 24s
VOYAGER 1
FDSL : 11AF
CCSL : A039
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLT=22h 16m 28s
0000 RTLT=22h 16m 30s

↓ 1309 SLEW->HELIO-7C
↓ 0109 SLEW->HELIO-8C

1526 || 1527 PWS/RH

U/L 0500 | - |
TLC (SHORT-FORM) | - - - - -

1526 GS-4B 1527

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

31 - - - - 14 [D] - - - - | 0925
1910 | - - - - - - - - - - 63 [T] - - - - - - - - - - | 0515 | - - 15 [D] - - - -
0535

DSN COVERAGE HPTXR
32 0920 | - - - - - - - - - - 43 [B,0] - - - - - - - - - - | 2205
HPTXR

RTLT : 17h 35m 12s
VOYAGER 2
FDSL : 11AF
CCSL : B111
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLT=17h 35m 10s
0000 RTLT=17h 35m 10s

1427 | 1428 PWS/RH

CC
▼ 2017 DUMMY (5 MIN BRACKETED - 13:53)
^
▼ 2115 DUMMY PC (14:50)
▼ 2130 CCSTIM - F/C (15:05)

1427 GS-4B 1428

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 @ 1427 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 1526 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: 05/22/01 - 10:47

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 23, 2001
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

RTLTL : 22h 16m 30s

1200 RTLTL=22h 16m 34s

0000 RTLTL=22h 16m 38s

VOYAGER 1

| PLSCAL -| 0742 - 0924

↓ 0109 SLEW->HELIO-10C

| --- MAGCAL ---| 0742 - 1044

↓ 1309 SLEW->HELIO-9C

↓ 0144 MEMUPD - CRS INIT CMDS

FDSL : 11AF

| --- PESCAL ---| 0742 - 1102

CCSL : A039

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

TLC (SHORT-FORM)

| D/L -| 0445

0145 | - | 0214 CCS B MRO

0236 | - | 0306 CCS B MRO

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

----- 15 [D] ----- | 1410

0030 | ----- 63 [D] ----- | 0530
0510 | - 25 [D] - -

DSN COVERAGE
HPTXR

32

1000 | ----- 34 [D] ----- | 1650

HPTXR

RTLTL : 17h 35m 10s

1200 RTLTL=17h 35m 8s

0000 RTLTL=17h 35m 8s

VOYAGER 2

FDSL : 11AF

* *
1505 | - - - - | 1615 CCSTIM

CCSL : B111

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

*
1450 DUMMY PC

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: 05/22/01 - 10:47

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 24, 2001
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

RTLTL : 22h 16m 38s
VOYAGER 1
FDSL : 11AF
CCSL : A039
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=22h 16m 42s 0000 RTLTL=22h 16m 46s

↓ 1209 SLEW->MIDPNT-C ↓ 0109 SLEW->HELIO-11C

2246 | - | 2315 CCS B MRO

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31 ----- 25 [D] ----- | 1355 2045 | ----- 54 [D] ----- | 0335 | ----- 25 [D] ----- | 0225

DSN COVERAGE
HPTXR

32 0910 | ----- 43 [o] ----- | 2200

HPTXR

RTLTL : 17h 35m 8s
VOYAGER 2
FDSL : 11AF
CCSL : B111
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=17h 35m 6s 0000 RTLTL=17h 35m 4s

2326 | ----- | 0035 DELETED

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: 05/22/01 - 10:47

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 25, 2001
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 : 22h 16m 46s

1200 RTLTL=22h 16m 50s

0000 RTLTL=22h 16m 54s

VOYAGER 1

↓ 1309 SLEW->HELIO-12C

↓ 0109 SLEW->HELIO-13C

FDSL : 11AF

CCSL : A039
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] ----- | 1335

2025 |-----63 [D] ----- | 0505 |--25 [D] -- | 0525

DSN COVERAGE
HPTXR

32

0950 |-----34 [D] ----- | 1615

HPTXR

RTLTL : 17h 35m 4s

1200 RTLTL=17h 35m 4s

0000 RTLTL=17h 35m 2s

VOYAGER 2

TAPPOS 0435 |----| 0531

FDSL : 11AF

TAPPOS 2326 |-----| 0035

CCSL : B111
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

0227
GS-4B 0228

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 @ 0227 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: 05/22/01 - 10:47

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 26, 2001
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 : 22h 16m 54s

1200 RTLT=22h 16m 58s

0000 RTLT=22h 17m 2s

VOYAGER 1

↓ 1309 SLEW->HELIO-14C

↓ 0109 SLEW->HELIO-15C

FDSL : 11AF

CCSL : A039
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] ----- | 1255

1855 |----- 63 [D] ----- | 0505 |----- 24 [D] ----- | 0525

DSN COVERAGE
HPTXR

32

0900 |----- 43 [o] ----- | 2150

HPTXR

RTLT : 17h 35m 2s

1200 RTLT=17h 35m 2s

0000 RTLT=17h 35m 0s

VOYAGER 2

FDSL : 11AF

CCSL : B111
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: 05/22/01 - 10:47

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 27, 2001
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

RTLT : 22h 17m 2s

1200 RTLT=22h 17m 6s

0000 RTLT=22h 17m 10s

VOYAGER 1

↓ 1309 SLEW->HELIO-16C

↓ 0109 SLEW->HELIO-17C

FDSL : 11AF

CCSL : A039
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] --- 0935

0500 --- 25 [D] ---

2020 |----- 63 [D] -----| 0520

DSN COVERAGE
HPTXR

32 1110 |----- 43 [o] -----| 2025

HPTXR

RTLT : 17h 35m 0s

1200 RTLT=17h 35m 0s

0000 RTLT=17h 35m 0s

VOYAGER 2

FDSL : 11AF

CCSL : B111
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: 05/22/01 - 10:47

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 28, 2001
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 : 22h 17m 10s

1200 RTLTL=22h 17m 14s

0000 RTLTL=22h 17m 18s

VOYAGER 1

↓ 1309 SLEW->HELIO-18C

↓ 0109 SLEW->HELIO-19C

FDSL : 11AF

CCSL : A039
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31 | 0710 25 [D] | 0320 | ----- 25 [D] -----

| --- 24 [D] --- | 0745 - 1015

2015 | ----- 63 [D] ----- | 0200

DSN COVERAGE
HPTXR

32 | 0940 | ----- 34 [D] ----- | 1700

HPTXR

RTLTL : 17h 35m 0s

1200 RTLTL=17h 34m 58s

0000 RTLTL=17h 34m 58s

VOYAGER 2

FDSL : 11AF

CCSL : B111
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: 05/22/01 - 10:47

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 29, 2001
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

RTLT : 22h 17m 18s

1200 RTLT=22h 17m 24s 0000 RTLT=22h 17m 28s

VOYAGER 1

↓ 1309 SLEW->HELIO-20C

▼ 2100 DUMMY (19:17)

FDSL : 11AF

1503 | 1504 PWS/RH

U/L 0435 | - |
TLC (SHORT-FORM) | - - - - -

CCSL : A039
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1515 |----- DTR MAINT -----| 2039

1503
GS-4B 1504

2043 | - - - TAPPOS - - - | 2318

FDS MODE
XB DATA RATE (MI)

CR-5T 160(32) CR-5T 160(32)

31 ----- 25 [D] ----- | 1255 2025 |----- 63 [T] ----- | 0400 |----- 14 ----- | 0420

DSN COVERAGE
HPTXR

32 1245 |----- 43 [B] ----- | 1910

HPTXR

RTLT : 17h 34m 58s

1200 RTLT=17h 34m 58s 0000 RTLT=17h 34m 56s

VOYAGER 2

1403 | 1404 PWS/RH

1541 | PLSCAL - | 1723

1541 |----- MAGCAL ----- | 1843

1541 |----- PESCAL ----- | 1901

FDSL : 11AF

▼ 1817 DUMMY (5 MIN BRACKETED - 11:52)

CCSL : B111
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1403
GS-4B 1404

FDS MODE
XB DATA RATE (MI)

CR-5T 160(32) CR-5T 160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 32=GS-4B @ 1403 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 1503 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: 05/22/01 - 10:47

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 30, 2001
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

RTLT : 22h 17m 28s

1200 RTLT=22h 17m 32s

0000 RTLT=22h 17m 36s

↓ 0009 SLEW->HELIO-1A

VOYAGER 1

FDSL : 11AF

CCSL : A039
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

TLC (SHORT-FORM)

D/L -|0421

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

----- 14 -----|1230

1835 |

----- 63 [D] -----

0525 | - 25 [D] - -

-----|0545

DSN COVERAGE
HPTXR

32

0930 |----- 34 [D] -----

-----|1800

HPTXR

RTLT : 17h 34m 56s

1200 RTLT=17h 34m 56s

0000 RTLT=17h 34m 56s

VOYAGER 2

FDSL : 11AF

CCSL : B111
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: 05/22/01 - 10:47

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 31, 2001
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

RTLT : 22h 17m 36s

1200 RTLT=22h 17m 42s

0000 RTLT=22h 17m 46s

VOYAGER 1

↓ 1209 SLEW->HELIO-2A

↓ 0009 SLEW->HELIO-3A

FDSL : 11AF

CCSL : A039
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] ----- | 1255

2000 | ----- 63 [D] ----- | 0305 | ----- 25 [D] -----

DSN COVERAGE HPTXR

32

1615 | ----- 43 [o] ----- | 2215

HPTXR

RTLT : 17h 34m 56s

1200 RTLT=17h 34m 54s

0000 RTLT=17h 34m 54s

VOYAGER 2

FDSL : 11AF

CCSL : B111
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: 05/22/01 - 10:47

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 1, 2001
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 : 22h 17m 46s

1200 RTLT=22h 17m 50s

0000 RTLT=22h 17m 56s

VOYAGER 1

↓ 1210 SLEW->HELIO-4A

↓ 0010 SLEW->HELIO-5A

FDSL : 11AF

CCSL : A039
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] ----- | 1305

2015 | ----- 63 [D] ----- | 0325 | ----- 25 [D] ----- | 0345

DSN COVERAGE
HPTXR

32 0920 | ----- 34 [D] ----- | 1645

HPTXR

RTLT : 17h 34m 54s

1200 RTLT=17h 34m 54s

0000 RTLT=17h 34m 54s

VOYAGER 2

FDSL : 11AF

CCSL : B111
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

TAPPOS 2302 | ----- | 0011

TAPPOS 0411 | ----- | 0507

0203
GS-4B 0204

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 @ 0203 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: 05/22/01 - 10:47

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 2, 2001
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

RTLT : 22h 17m 56s

1200 RTLT=22h 18m 0s

0000 RTLT=22h 18m 6s

VOYAGER 1

↓ 1210 SLEW->HELIO-6A

↓ 0010 SLEW->HELIO-7A

FDSL : 11AF

CCSL : A039
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] ----- | 1300

0500 | --- 24 [D] ---

DSN COVERAGE
HPTXR

32

0835 | ----- 43 [o] ----- | 0000

HPTXR

RTLT : 17h 34m 54s

1200 RTLT=17h 34m 54s

0000 RTLT=17h 34m 54s

VOYAGER 2

FDSL : 11AF

CCSL : B111
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: 05/22/01 - 10:47

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 3, 2001
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 : 22h 18m 6s

1200 RTLT=22h 18m 10s

0000 RTLT=22h 18m 16s

VOYAGER 1

↓ 1210 SLEW->HELIO-8A

↓ 0010 SLEW->HELIO-9A

FDSL : 11AF

CCSL : A039
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] -----| 1245

2000 |-----63 [D] -----| 0130

0110 |-----54 [D] -----| 0445

DSN COVERAGE
HPTXR

32 0830 |-----43 [D] -----| 1700

HPTXR

RTLT : 17h 34m 54s

1200 RTLT=17h 34m 54s

0000 RTLT=17h 34m 52s

VOYAGER 2

FDSL : 11AF

CCSL : B111
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