

ISSUE DATE: 12/06/01 - 13:53

PST: 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
DECEMBER 6, 2001
340-341

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLT : 23h 16m 0s

1200 RTLT=23h 16m 4s

0000 RTLT=23h 16m 10s

VOYAGER 1

FDSL : 11AF

CCSL : A041
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: -22.825 sec
ROLLREF = RIGIL
KENTAURUS

↓ 1739 SLEW->HELIO-4B

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

31

65 [D] ----- | 1515

65 [D] 0725 | - -

DSN COVERAGE
HPTXR

32

2035 | - - - - - 43 [D] - - - - -

HPTXR

RTLT : 18h 25m 38s

1200 RTLT=18h 25m 48s

0000 RTLT=18h 25m 56s

VOYAGER 2

FDSL : 11AF

CCSL : B114
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: -92.001 sec
ROLLREF = VEGA

- COMMAND MORATORIUM -

↓ 2347 GYRO INIT
↓ 2347 GYROS AB ON
↓ 2357 GYRO FAULT TEST

0048 || 0054 CCSTIM(B)

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

VOYAGER COVERAGE

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

+ VGR - |

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

NOTES

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 12/06/01 - 13:53

PST: 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
DECEMBER 7, 2001
341-342

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 23h 16m 10s

1200 RTLTL=23h 16m 14s

0000 RTLTL=23h 16m 18s

VOYAGER 1

↓ 1739 SLEW->HELIO-3B

PWS/RH 0708 || 0709

FDSL : 11AF

0406 | | 0420 TAPPOS

CCSL : A041
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

0708 GS-4B
0709 CR-5T

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

31

65 [D] - - - - - | 1700

65 [D] 0720 | - - -

DSN COVERAGE
HPTXR

32

43 [D] - | 0930

2055 | - - - - - 43 [D] - - - - - | 0150

HPTXR

RTLTL : 18h 25m 56s

1200 RTLTL=18h 26m 4s

0000 RTLTL=18h 26m 12s

COMMAND MORATORIUM

0520

VOYAGER 2

FDSL : 11AF

CCSL : B114
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : ON

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

VOYAGER COVERAGE

ON CALL

NOTES

- [1] S/C 31=CR-5T @ 0708 XB=160(32)
- [2] S/C 31=GS-4B @ 0708 XB=2.8K(41) NOT RECOVERABLE

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 12/06/01 - 13:53

PST: 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
DECEMBER 8, 2001
342-343

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 23h 16m 18s
VOYAGER 1
FDSL : 11AF
CCSL : A041
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

0916 | 0916 TAPPOS

↓ 1739 SLEW->HELIO-2B

1200 RTLTL=23h 16m 22s

0000 RTLTL=23h 16m 26s

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

----- 65 [D] ----- | 1100

1520 |

----- 25 [D] -----

| 0020

65 [D] 0715 |-----

DSN COVERAGE
HPTXR

32

2025 |

----- 43 [D] -----

| 0145

HPTXR

RTLTL : 18h 26m 12s
VOYAGER 2

FDSL : 11AF
CCSL : B114
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : ON

0904 | | 0919 TAPPOS

1414 | 1414 TAPPOS

1206
GS-4B 1207

1200 RTLTL=18h 26m 20s

0000 RTLTL=18h 26m 28s

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 @ 1206 XB=2.8K(41) NOT RECOVERABLE

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 12/06/01 - 13:53

PST: 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
DECEMBER 9, 2001
343-344

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLT : 23h 16m 26s

1200 RTLT=23h 16m 32s

0000 RTLT=23h 16m 36s

VOYAGER 1

↓ 1739 SLEW->HELIO-1B

FDSL : 11AF

CCSL : A041
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

----- 65 [D] ----- | 1650

1630 |----- 25 (D) -----| 0015

DSN COVERAGE
HPTXR

32

2015 |----- 43 (D) -----

HPTXR

RTLT : 18h 26m 28s

1200 RTLT=18h 26m 36s

0000 RTLT=18h 26m 44s

VOYAGER 2

FDSL : 11AF

CCSL : B114
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER COVERAGE

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

NOTES

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 12/06/01 - 13:53

PST: 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
DECEMBER 10, 2001
344-345

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLT : 23h 16m 36s

1200 RTLT=23h 16m 40s

0000 RTLT=23h 16m 44s

VOYAGER 1

FDSL : 11AF

CCSL : A041
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1525 |----- 25 [D] -----| 0000

DSN COVERAGE HPTXR

32

--- 43 (D) --- | 1005

0545 |--- 43 [o] ---

HPTXR

RTLT : 18h 26m 44s

1200 RTLT=18h 26m 52s

0000 RTLT=18h 27m 0s

VOYAGER 2

↓ 1825 BEGIN MINI-SEQ B114

↓ 0047 GYRO INIT

FDSL : 11AF

GYROS BC ON 0600 ↓

CCSL : B114
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER COVERAGE

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

NOTES

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 12/06/01 - 13:53

PST: 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
DECEMBER 11, 2001
345-346

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 23h 16m 44s

1200 RTLTL=23h 16m 48s

0000 RTLTL=23h 16m 52s

VOYAGER 1

FDSL : 11AF

CCSL : A041
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

0045 | 0045 PWS/RH

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

0045
GS-4B 0045

31

1510 |----- 25 [D] -----| 0005

DSN COVERAGE
HPTXR

32

--- 43 [o] --- | 1030

2345 |----- 43 [D] -----| 0430

HPTXR

RTLTL : 18h 27m 0s

1200 RTLTL=18h 27m 8s

0000 RTLTL=18h 27m 16s

VOYAGER 2

FDSL : 11AF

CCSL : B114
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : ON

2342 | 2343 PWS/RH
0056 | PLSCAL -| 0238
0056 |--- MAGCAL ---| 0358
0056 |----- PESCAL -----| 0416

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

2342
GS-4B 2343

VOYAGER COVERAGE

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

NOTES

[1] S/C 32=GS-4B @ 2342 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 0045 XB=2.8K(41) NOT RECOVERABLE

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 12/06/01 - 13:53

PST: 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
DECEMBER 12, 2001
346-347

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 23h 16m 52s

1200 RTLTL=23h 16m 56s

0000 RTLTL=23h 16m 58s

VOYAGER 1

FDSL : 11AF

U/L 2330 | - | - - - - - TLC (SHORT-FORM) - - - - -

CCSL : A041
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

▼ 2300 DUMMY (NO D/L)

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1455 | - - - - - 25 [D] - - - - - 2010

2220 | - 24 [T] - - | 0005

0700 | 65 [D]

DSN COVERAGE HPTXR

32

2025 | - - - - - 43 [B] - - - - - 2345

HPTXR

RTLTL : 18h 27m 16s

1200 RTLTL=18h 27m 24s

0000 RTLTL=18h 27m 30s

VOYAGER 2

FDSL : 11AF

▼ 2102 DUMMY (5 MIN BRACKETED NO D/L)

CCSL : B114
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER COVERAGE

ON CALL

VGR

ON CALL

NOTES

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 12/06/01 - 13:53

PST: 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
DECEMBER 13, 2001
347-348

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLT : 23h 16m 58s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A041
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=23h 17m 2s
 0000 RTLT=23h 17m 6s

↓ 1439 SLEW->HELIO-1A
 ↓ 0239 SLEW->HELIO-2A

----- TLC (SHORT-FORM) ----- D/L -|0015

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

31 ----- 65 [D] ----- | 1045
 1450 |----- 25 [D] ----- | 1935
 HPTXR

DSN COVERAGE
 32
 1940 |----- 43 [D] -----
 HPTXR

RTLT : 18h 27m 30s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B114
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : ON

1200 RTLT=18h 27m 38s
 1258 |-----
 0000 RTLT=18h 27m 46s
 ----- COMMAND MORATORIUM -----

↓ 0058 AAI
 0101 |----- MAGROL -----| 0656
 RAI 0649 ↓
 CRU 0656 ↓
 GYROS OFF 0656 ↓

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

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

NOTES [1] S/C 32 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0101-0656)

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 12/06/01 - 13:53

PST: 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
DECEMBER 14, 2001
348-349

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 23h 17m 6s

1200 RTLTL=23h 17m 10s

0000 RTLTL=23h 17m 14s

VOYAGER 1

↓ 1439 SLEW->HELIO-3A

↓ 0239 SLEW->HELIO-4A

FDSL : 11AF

PWS/RH 0645 | 0646

CCSL : A041
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

0342 | 0356 TAPPOS

0645
GS-4B 0646

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31

----- 65 [D] ----- | 1115

1415 | ----- 15 [D] ----- | 1805

0655 | 65 [D] |

DSN COVERAGE
HPTXR

32

43 [D] | 0900

2020 | ----- 43 [D] ----- | 2355

0600 | -- 43 [D] -- |

HPTXR

1200 RTLTL=18h 27m 54s

0000 RTLTL=18h 28m 0s

RTLTL : 18h 27m 46s

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

VOYAGER 2

FDSL : 11AF

CCSL : B114
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 @ 0645 XB=2.8K(41) NOT RECOVERABLE

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 12/06/01 - 13:53

PST: 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
DECEMBER 15, 2001
349-350

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 23h 17m 14s
VOYAGER 1
FDSL : 11AF
CCSL : A041
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF



0852 | - | 0919 TAPPOS

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31 ----- 65 [D] ----- | 1040

1450 | ----- 25 [D] ----- | 2345

DSN COVERAGE
HPTXR

32 ----- 43 [D] ----- | 1215

45 [D] 0755 |

HPTXR

RTLTL : 18h 28m 0s
VOYAGER 2
FDSL : 11AF
CCSL : B114
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF



| 0842 - 0855 TAPPOS

1351 | 1351 TAPPOS

1143
GS-4B 1144

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 @ 1143 XB=2.8K(41) NOT RECOVERABLE

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 12/06/01 - 13:53

PST: 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
DECEMBER 16, 2001
350-351

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 23h 17m 20s

1200 RTLTL=23h 17m 24s

0000 RTLTL=23h 17m 26s

VOYAGER 1

↓ 1439 SLEW->HELIO-7A

↓ 0239 SLEW->HELIO-8A

FDSL : 11AF

CCSL : A041
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

65 [D]

0810 - 1620

65 [D] 0750

1600

25 [D]

2330

DSN COVERAGE
HPTXR

32

45 [D]

1155

0645 34 [D]

1955

45 [D]

2345

HPTXR

RTLTL : 18h 28m 16s

1200 RTLTL=18h 28m 22s

0000 RTLTL=18h 28m 30s

VOYAGER 2

FDSL : 11AF

CCSL : B114
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: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 12/06/01 - 13:53

PST: 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
DECEMBER 17, 2001
351-352

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 23h 17m 26s

1200 RTLTL=23h 17m 30s

0000 RTLTL=23h 17m 34s

VOYAGER 1

↓ 1439 SLEW->HELIO-9A

↓ 0239 SLEW->HELIO-10A

FDSL : 11AF

CCSL : A041
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

65 [D]

1510

1505

25 [D]

2330

DSN COVERAGE
HPTXR

32

34 [D]

1125

0545

43 [o]

HPTXR

RTLTL : 18h 28m 30s

1200 RTLTL=18h 28m 36s

0000 RTLTL=18h 28m 44s

VOYAGER 2

FDSL : 11AF

CCSL : B114
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: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 12/06/01 - 13:53

PST: 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 DECEMBER 18, 2001 352-353	
UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8	
RTLT : 23h 17m 34s VOYAGER 1 FDSL : 11AF CCSL : A041 TWNC : ON SB : OFF XB : LOW PYR : .05/ .10/ .25 GYROS : OFF	1200 RTLT=23h 17m 36s ↓ 1439 SLEW->MIDPNT-A 0000 RTLT=23h 17m 40s 0021 0022 PWS/RH
FDS MODE XB DATA RATE (MI)	CR-5T 160(32)
31	1010 -----54 [D]----- 1515 1455 -----25 [D]----- 2320 0650 65 [D]
DSN COVERAGE HPTXR 32	43 [o]----- 1205 0245 -----45 [D]-----
HPTXR	1200 RTLT=18h 28m 50s 0000 RTLT=18h 28m 58s 2319 2320 PWS/RH
RTLT : 18h 28m 44s VOYAGER 2 FDSL : 11AF CCSL : B114 TWNC : ON SB : OFF XB : LOW PYR : .05/ .10/ .25 GYROS : OFF	2319 GS-4B 2320
FDS MODE XB DATA RATE (MI)	CR-5T 160(32)
VOYAGER COVERAGE	----- ON CALL -----
NOTES	[1] S/C 32=GS-4B @ 2319 XB=2.8K(41) NOT RECOVERABLE [2] S/C 31=GS-4B @ 0021 XB=2.8K(41) NOT RECOVERABLE
UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8	

ISSUE DATE: 12/06/01 - 13:53

PST: 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
DECEMBER 19, 2001
353-354

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 23h 17m 40s

1200 RTLTL=23h 17m 42s

0000 RTLTL=23h 17m 46s

VOYAGER 1

↓ 1439 SLEW->HELIO-11A

↓ 0239 SLEW->HELIO-12A

FDSL : 11AF

CCSL : A041
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

65 [D]

1605

0635 65 [D]

1550

25 [D]

2330

DSN COVERAGE
HPTXR

32

45 [D] 0925

2000

43 [B]

0535 45 [D]

0350

HPTXR

RTLTL : 18h 28m 58s

1200 RTLTL=18h 29m 4s

0000 RTLTL=18h 29m 12s

VOYAGER 2

2315 2335 AACS MRO
2335 2347 CCS MRO
2347 2359 FDS MRO

FDSL : 11AF

▼ 2202 DUMMY (5 MIN BRACKETED NO D/L)

CCSL : B114
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

2301 2359

EH-12

CR-5T

160(32)

1.2K

160(32)

VOYAGER COVERAGE

ON CALL

VGR

ON CALL

NOTES

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 12/06/01 - 13:53

PST: 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
DECEMBER 20, 2001
354-355

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLTL : 23h 17m 46s

1200 RTLTL=23h 17m 48s

0000 RTLTL=23h 17m 52s

VOYAGER 1

↓ 1440 SLEW->HELIO-13A

↓ 0240 SLEW->HELIO-14A

FDSL : 11AF

CCSL : A041
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31 --- 65 [D] --- | 1035

1415 | - - - - - 25 [D] - - - - - | 1935

65 [D] 0705 | - - - -

DSN COVERAGE
HPTXR

32 --- 45 [D] - - - - - | 1140

1940 | - - - - - 45 [D] - - - - -

HPTXR

RTLTL : 18h 29m 12s

1200 RTLTL=18h 29m 18s

0000 RTLTL=18h 29m 24s

VOYAGER 2

FDSL : 11AF

CCSL : B114
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: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 12/06/01 - 13:53

PST: 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
DECEMBER 21, 2001
355-356

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLT : 23h 17m 52s		1200 RTLT=23h 17m 54s												0000 RTLT=23h 17m 56s											
VOYAGER 1		↓ 1440 SLEW->HELIO-15A												↓ 0240 SLEW->HELIO-16A											
FDSL : 11AF		▼ 1630 DUMMY (15:48)												PWS/RH 0621 0622											
CCSL : A041		U/L 1645 - - - - - - TLC (SHORT FORM) - - - - -												0319 - - - 0400 TAPPOS											
TWNC : ON																									
SB : OFF XB : LOW																									
PYR : .05/ .10/ .25																									
GYROS : OFF																									
FDS MODE		CR-5T												CR-5T											
XB DATA RATE (MI)		160(32)												160(32)											

31		65 [D] - - - - 1030												0625 - - 65 [D] - -											
DSN COVERAGE		1320 - - - - - 14 [T] - - - - - 1715																							
HPTXR																									
32		45 [D] - - - - - 1120												1935 - - - - - 45 [D] - - - - - 0350											
HPTXR																									

RTLT : 18h 29m 24s		1200 RTLT=18h 29m 32s												0000 RTLT=18h 29m 38s											
VOYAGER 2																									
FDSL : 11AF																									
CCSL : B114																									
TWNC : ON																									
SB : OFF XB : LOW																									
PYR : .05/ .10/ .25																									
GYROS : OFF																									
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 31=GS-4B @ 0621 XB=2.8K(41) NOT RECOVERABLE

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 12/06/01 - 13:53

PST: 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
DECEMBER 22, 2001
356-357

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLT : 23h 17m 56s

1200 RTLT=23h 18m 0s

0000 RTLT=23h 18m 2s

VOYAGER 1

↓ 1440 SLEW->HELIO-17A

↓ 0240 SLEW->HELIO-18A

FDSL : 11AF

CCSL : A041

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

----- TLC (SHORT FORM) ----- † D/L - | 1731

| --- | 0828 - 0923 TAPPOS

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 --- 65 [D] --- | 1025

1535 | ----- 25 [D] ----- | 2315

65 [D] 0720 | ---

DSN COVERAGE
HPTXR

2120 | ----- 45 [D] ----- | 0500

HPTXR

RTLT : 18h 29m 38s

1200 RTLT=18h 29m 44s

0000 RTLT=18h 29m 50s

VOYAGER 2

1120 | 1120 PWS/RH

FDSL : 11AF

CCSL : B114

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

| | 0818 - 0832 TAPPOS 1328 | 1328 TAPPOS

1120
GS-4B 1120

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 @ 1120 XB=2.8K(41) NOT RECOVERABLE

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 12/06/01 - 13:53

PST: 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
DECEMBER 23, 2001
357-358

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RTLT : 23h 18m 2s

1200 RTLT=23h 18m 4s

0000 RTLT=23h 18m 6s

VOYAGER 1

↓ 1440 SLEW->HELIO-19A

↓ 0240 SLEW->HELIO-20B

FDSL : 11AF

CCSL : A041
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

65 [D]

1545

1530

25 [D]

2310

0045

43

0320

DSN COVERAGE

HPTXR

32

1930 - 0745

45 [D]

HPTXR

RTLT : 18h 29m 50s

1200 RTLT=18h 29m 56s

0000 RTLT=18h 30m 4s

VOYAGER 2

FDSL : 11AF

CCSL : B114
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: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8