

ISSUE DATE: 04/23/97 - 08:22

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
APRIL 24, 1997
114-115

□ VCB/MD MTG/A106

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 : 18h 14m 6s
VOYAGER 1
FDSL : 11AF
CCSL : A025
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

↓ 0708 SLEW->HELIO-13A

S/C 31 STATUS

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -9.965 sec

ROLLREF = RIGIL
KENTAURUS

↓ 1908 SLEW->HELIO-14A

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

1200 RTLTL=18h 14m 6s | 0000 RTLTL=18h 14m 8s

31 ----- 25 [D] ----- | 1615
2310 | --- 63 [D] --- | 0155
0140 | ----- 61 [D] ----- | 0500

HPTXR

DSN COVERAGE

32 1545 | ----- 45 [D] ----- | 0305

HPTXR

RTLTL : 14h 13m 48s
VOYAGER 2
FDSL : 11AF
CCSL : B027
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10/ .25
GYROS : ON

1200 RTLTL=14h 13m 46s | 0000 RTLTL=14h 13m 42s

- COMMAND MORATORIUM -

↓ 1649 AAI

S/C 32 STATUS

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: 1:42.702 min

ROLLREF = VEGA

1652 | ----- MAGROL ----- | 2248

↓ 2241 RAI
↓ 2248 CRU
↓ 2248 GYROS OFF
↓ 2310 X/B LOW POWER
↓ 2314 BAY 1 HTR ON

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

VOYAGER COVERAGE | ----- VGR ----- |

NOTES [1] S/C 32 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (1652-2248)

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: 04/23/97 - 08:22

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
APRIL 25, 1997
115-116

□ SCRAP/A106

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 : 18h 14m 8s

1200 RTLT=18h 14m 8s

0000 RTLT=18h 14m 8s

VOYAGER 1

↓ 0708 SLEW->HELIO-15A

↓ 1908 SLEW->HELIO-16A

FDSL : 11AF

CCSL : A025

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] ----- | 1610

2225 | ----- 63 [D] ----- | 0150

0440 | -- 25 [D] ---

0145 | ----- 61 [D] ----- | 0455

DSN COVERAGE
HPTXR

32

1520 | ----- 45 [D] ----- | 0305

HPTXR

RTLT : 14h 13m 42s

1200 RTLT=14h 13m 38s

0000 RTLT=14h 13m 34s

VOYAGER 2

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

1710 | SUNMON | 1856

↓ 1726 SLEW-> SUN +1 EL

↓ 1839 SLEW->2 DELTA EL ACROSS SUN

↓ 1848 SLEW->+2 DELTA EL ACROSS SUN

↓ 1858 SLEW->SAFE

FDSL : 11AF

CCSL : B027

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

1711

UV-5A

600(36)

1900

CR-5T

160(32)

VOYAGER COVERAGE

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

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: 04/23/97 - 08:22

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
APRIL 26, 1997
116-117

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 : 18h 14m 8s

VOYAGER 1

FDSL : 11AF

CCSL : A025

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] ----- | 1605

0020 |----- 61 [D] ----- | 0440 |-- 25 [D] ----
|----- 0455

DSN COVERAGE
HPTXR

32

1125 |----- 15 [D] ----- | 1435
1520 |----- 45 [D] ----- | 0240

HPTXR

RTLT : 14h 13m 34s

VOYAGER 2

FDSL : 11AF

CCSL : B027

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: 04/23/97 - 08:22

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
APRIL 27, 1997
117-118

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 : 18h 14m 10s

1200 RTLT=18h 14m 12s

0000 RTLT=18h 14m 12s

VOYAGER 1

↓ 0708 SLEW->HELIO-19A

↓ 1908 SLEW->HELIO-20A

FDSL : 11AF

CCSL : A025
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] ----- | 1600 0015 |----- 61 [D] -----| 0445 |--- 25 [D] ---| 0450

DSN COVERAGE HPTXR

32 1125 |----- 15 [D] -----| 1430 1515 |----- 45 [D] -----| 2345

HPTXR

RTLT : 14h 13m 28s

1200 RTLT=14h 13m 24s

0000 RTLT=14h 13m 20s

VOYAGER 2

FDSL : 11AF
CCSL : B027
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: 04/23/97 - 08:22

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
APRIL 28, 1997
118-119

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 : 18h 14m 12s

1200 RTLT=18h 14m 14s

0000 RTLT=18h 14m 16s

VOYAGER 1

FDSL : 11AF

CCSL : A025
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] ----- | 1545

0425 |----- 25 [D] -----

DSN COVERAGE
HPTXR

32

1500 |----- 45 [D] ----- | 1900

2345 |----- 45 [D] ----- | 0245

HPTXR

RTLT : 14h 13m 20s

1200 RTLT=14h 13m 18s

0000 RTLT=14h 13m 14s

VOYAGER 2

↓ 1609 SLEW->ALPHA VIR

FDSL : 11AF

CCSL : B027
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

0129

UV-5A

600(36)

VOYAGER COVERAGE

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

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: 04/23/97 - 08:22

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
APRIL 29, 1997
119-120

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 : 18h 14m 16s
VOYAGER 1
FDSL : 11AF
CCSL : A025
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=18h 14m 16s | 0000 RTLTL=18h 14m 18s

▼ 1345 DUMMY (07:59)
U/L 1430 |----- TLC (SHORT-FORM) -----
1637 | 1638 PWS/RH

1637 GS-4B 1638

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

DSN COVERAGE HPTXR
31 --- 25 [D] --- | 0915 0420 |--- 25 [D] ---
0900 |----- 24 [T] ----- | 1500
2210 |----- 63 [D] ----- | 0135
HPTXR
32 1520 |----- 45 [D] ----- | 0225
HPTXR

RTLTL : 14h 13m 14s
VOYAGER 2
FDSL : 11AF
CCSL : B027
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=14h 13m 12s | 0000 RTLTL=14h 13m 8s

1601 | 1602 PWS/RH
↓ 1709 SLEW->BKG 1

1601 GS-4B 1602

FDS MODE UV-5A CR-5T
XB DATA RATE (MI) 600(36) 160(32)

VOYAGER COVERAGE |----- VGR -----|

NOTES [1] S/C 32=GS-4B @ 1601 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 1637 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: 04/23/97 - 08:22

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
APRIL 30, 1997
120-121

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 : 18h 14m 18s

1200 RTLT=18h 14m 18s

0000 RTLT=18h 14m 20s

VOYAGER 1

FDSL : 11AF

TLC (SHORT-FORM)

D/L - 1012

0726-0837 TAPPOS

CCSL : A025

0853 PLSCAL - 1035

TWNC : ON

0853 MAGCAL - 1155

SB : OFF XB : LOW

0853 PESCAL - 1213

PYR : .05/ .10/ .25

GYROS : OFF

BAY 1 HTR OFF 0614 ↓
X/B HI POWER 0618 ↓

FDS MODE

CR-5T

XB DATA RATE (MI)

160(32)

31

----- 25 [D] ----- | 1550

2205 |----- 63 [D] ----- | 0135

0520 |-- 14 [D] --

0245 |----- 65 [D] ----- | 0540

HPTXR

DSN COVERAGE

32

1115 |--- 43 [B] --- | 1345

1525 |----- 45 [D] ----- | 0230

HPTXR

RTLT : 14h 13m 8s

1200 RTLT=14h 13m 4s

0000 RTLT=14h 13m 2s

VOYAGER 2

▼ 1143 DUMMY (4MIN-BRACKETED 01:56)

FDSL : 11AF

CCSL : B027

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

FDS MODE

CR-5T

XB DATA RATE (MI)

160(32)

VOYAGER COVERAGE

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

|-- VGR --

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: 04/23/97 - 08:22

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 1, 1997
121-122

VCB/MD MTG/A106

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 : 18h 14m 20s

1200 RTLTL=18h 14m 22s

0000 RTLTL=18h 14m 24s

VOYAGER 1

↓ 0714 YAW=.05

PLAYBACK -----| 0723- 1358

↓ 1413 YAW=.10

2208 |-----| 2325 SUNMON

↓ 2224 SLEW-> SUN +1 EL

↓ 2308 SLEW->-2 DELTA EL ACROSS SUN

↓ 2317 SLEW->+2 DELTA EL ACROSS SUN

↓ 2326 SLEW->SAFE

FDSL : 11AF

CCSL : A025

TWNC : ON

SB : OFF XB : HI

PYR : .05/ .10/ .25

GYROS : OFF

TAPPOS 0546 | 0549
GYRO INIT 0608 ↓
GYROS BC ON 0608 ↓
GYRO FAULT TEST 0618 ↓

FDS MODE
XB DATA RATE (MI)

0723		1358		2209	2329	
	PB-14		CR-5T	UV-5A		CR-5T
	1.4K(39)		160(32)	600(36)		160(32)

31 ----- 14 [D] ----- | 1445

2200 |----- 63 [D] -----| 0115

0245- 0625 |----- 65 [D] -----|

DSN COVERAGE
HPTXR

32 1100 |----- 43 [o] -----| 1340

1520 |----- 45 [D] -----| 0235

HPTXR

RTLTL : 14h 13m 2s

1200 RTLTL=14h 12m 58s

0000 RTLTL=14h 12m 54s

VOYAGER 2

FDSL : 11AF

CCSL : B027

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

FDS MODE
XB DATA RATE (MI)

			CR-5T	
			160(32)	

VOYAGER COVERAGE

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

NOTES

[1] S/C 31=CR-5T @ 1638 XB=160(32)

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: 04/23/97 - 08:22

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 2, 1997
122-123

☐ SCRAP/A106

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 : 18h 14m 24s

█ 1200 RTLTL=18h 14m 24s

█ 0000 RTLTL=18h 14m 26s

VOYAGER 1

|| 0710 - 0713 CCSTIM(B)

↓ 0937 SLEW->BD+28 4211

FDSL : 11AF

CCSL : A025
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10 / .25
GYROS : ON

0909

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

UV-5A
600(36)

31

----- 25 [D] ----- | 0745 - 1540

2155 | ----- 63 [D] ----- | 0110

25 [D] 0640 | - -

0240 - 0655 | ----- 65 [D] ----- |

DSN COVERAGE
HPTXR

32

1540 | ----- 45 [D] ----- | 0225

HPTXR

RTLTL : 14h 12m 54s

█ 1200 RTLTL=14h 12m 52s

█ 0000 RTLTL=14h 12m 48s

VOYAGER 2

FDSL : 11AF

CCSL : B027
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

VOYAGER COVERAGE

-- | VGR

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

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: 04/23/97 - 08:22

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 3, 1997
123-124

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 : 18h 14m 26s

1200 RTLT=18h 14m 28s

0000 RTLT=18h 14m 30s

VOYAGER 1

FDSL : 11AF

CCSL : A025
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10 / .25
GYROS : ON

FDS MODE
XB DATA RATE (MI)

UV-5A

600(36)

31

----- 25 [D] ----- | 1540

0230 |----- 65 [D] -----

DSN COVERAGE HPTXR

32

1520 |----- 45 [D] -----

| 0225

HPTXR

RTLT : 14h 12m 48s

1200 RTLT=14h 12m 46s

0000 RTLT=14h 12m 42s

VOYAGER 2

FDSL : 11AF

CCSL : B027
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: 04/23/97 - 08:22

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 4, 1997
124-125

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 : 18h 14m 30s

1200 RTLT=18h 14m 32s

0000 RTLT=18h 14m 34s

VOYAGER 1

FDSL : 11AF

CCSL : A025
TWNC : ON
SB : OFF XB : HI
PYR : .05/ .10 / .25
GYROS : ON

FDS MODE
XB DATA RATE (MI)

UV-5A

600(36)

31

0740 65 [D]

25 [D]

0725- 1530

2330

65 [D]

DSN COVERAGE
HPTXR

32

1515

45 [D]

2345

HPTXR

1030 24 [D] 1245

RTLT : 14h 12m 42s

1200 RTLT=14h 12m 40s

0000 RTLT=14h 12m 36s

VOYAGER 2

FDSL : 11AF

CCSL : B027
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: 04/23/97 - 08:22

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 5, 1997
125-126

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 : 18h 14m 34s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A025
 TWNC : ON
 SB : OFF XB : HI
 PYR : .05/ .10 / .25
 GYROS : ON

FDS MODE UV-5A
 XB DATA RATE (MI) 600(36)

1200 RTLT=18h 14m 36s 0000 RTLT=18h 14m 38s

DSN COVERAGE HPTXR
 31 |-----25 [D]-----| 0730 - 1530 |-----0530 | : 15 [D] |
 |-----| 0750 65 [D] |-----| 0020 |-----65 [D]-----| 0545

HPTXR
 32 |-----1530 |-----45 [D]-----| 0215

RTLT : 14h 12m 36s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B027
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

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

1200 RTLT=14h 12m 34s 0000 RTLT=14h 12m 30s

VOYAGER COVERAGE |----- VGR -----|

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: 04/23/97 - 08:22

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 6, 1997
126-127

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 : 18h 14m 38s

1200 RTLTL=18h 14m 40s

0000 RTLTL=18h 14m 42s

VOYAGER 1

↓ 0724 ALL DB=.05

1613 | 1614 PWS/RH

↓ 2208 SLEW->BCKGND

FDSL : 11AF

↓ 0740 AAI

└--┘ 0741 - 0818 ASCAL

↓ 0815 RAI

CCSL : A025

↓ 0818 CRU

TWNC : ON

↓ 0826 ROLL=.25

SB : OFF XB : HI

↓ 0826 YAW=.10

PYR : .05/ .10 / .25

↓ 0828 GYRO FAULT TEST

GYROS : ON

1614
GS-4B 1614

FDS MODE
XB DATA RATE (MI)

0709 0821
EL-40
40(30)

CR-5T
160(32)

CR-5T
160(32)

31

15 [D]

1230

1215 |----- 25 [D] -----| 1525

0035 |----- 61 [D] -----| 0415

0350 |----- 25 [D] -----|

2140 |----- 63 [D] -----| 0050

DSN COVERAGE
HPTXR

32

1525 |----- 45 [D] -----| 0220

HPTXR

RTLTL : 14h 12m 30s

1200 RTLTL=14h 12m 28s

0000 RTLTL=14h 12m 26s

VOYAGER 2

1537 | 1538 PWS/RH

1715 | PLSCAL - | 1857

1715 |---- MAGCAL ----| 2017

1715 |---- PESCAL ----| 2035

FDSL : 11AF

CCSL : B027

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

1537
GS-4B 1538

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

VOYAGER COVERAGE

-- VGR -- |

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

NOTES

- [1] S/C 31=CR-5T @ 0709 XB=40(30)
- [2] S/C 31 - D/L AGC/SNR VARIATIONS EXPECTED DURING ASCAL (0741-0818)
- [3] S/C 32=GS-4B @ 1537 XB=2.8K(41) NOT RECOVERABLE
- [4] S/C 31=GS-4B @ 1614 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: 04/23/97 - 08:22

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 7, 1997
127-128

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 : 18h 14m 42s

1200 RTLT=18h 14m 44s

0000 RTLT=18h 14m 46s

VOYAGER 1

FDSL : 11AF

CCSL : A025
TWNC : ON
SB : OFF XB : HI
PYR : .05 / .10 / .25
GYROS : ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

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

2140 | ----- 63 [D] ----- | 0100

0350 | ----- 25 [D] -----

0225 | - 61 [D] - | 0400

24 [T] 0700

DSN COVERAGE
HPTXR

32

1505 | ----- 45 [D] ----- | 2345

HPTXR

RTLT : 14h 12m 26s

1200 RTLT=14h 12m 22s

0000 RTLT=14h 12m 20s

VOYAGER 2

FDSL : 11AF

CCSL : B027
TWNC : ON
SB : OFF XB : LOW
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER COVERAGE

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

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: 04/23/97 - 08:22

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 8, 1997
128-129

VCB/MD MTG/A106

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 : 18h 14m 46s

1200 RTLTL=18h 14m 48s

0000 RTLTL=18h 14m 50s

VOYAGER 1

▼ 1015 DUMMY (04:29)

U/L 1145 |-----| TLC (SHORT-FORM) |-----| D/L

FDSL : 11AF

2143 |-----| 2300 SUNMON

↓ 2159 SLEW-> SUN +1 EL

↓ 2243 SLEW-> 2 DELTA EL ACROSS SUN

↓ 2252 SLEW-> +2 DELTA EL ACROSS SUN

↓ 2302 SLEW->SAFE

CCSL : A025
TWNC : ON
SB : OFF XB : HI
PYR : .05 / .10 / .25
GYROS : ON

FDS MODE
XB DATA RATE (MI)

CR-5T

2145 2304

UV-5A

CR-5T

160(32)

600(36)

160(32)

31 |-----| 0720 25 [D] |-----| 2135 |-----| 63 [D] |-----| 0100 |-----| 0345 |-----| 15 [D] |-----|

----- 24 [T] ----- | 0700 - 1230
1215 |-----| 25 [D] ----- | 1515

0045 |-----| 61 [D] |-----| 0405

DSN COVERAGE
HPTXR

32 |-----| 1040 |-----| 43 [B] |-----| 1230

1525 |-----| 45 [D] |-----| 0155

HPTXR

RTLTL : 14h 12m 20s

1200 RTLTL=14h 12m 16s

0000 RTLTL=14h 12m 14s

VOYAGER 2

▼ 1107 DUMMY (5-MIN BRACKETED 01:19)

FDSL : 11AF

CCSL : B027
TWNC : ON
SB : OFF XB : LOW
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER COVERAGE

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

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: 04/23/97 - 08:22

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 9, 1997
129-130

SCRAP/A106

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 : 18h 14m 50s

1200 RTLTL=18h 14m 52s

0000 RTLTL=18h 14m 54s

VOYAGER 1

↓ 0718 AAI

D/L | 0728

FDSL : 11AF

|----- MAGROL -----| 0721 - 1317

CCSL : A025

↓ 1310 RAI

TWNC : ON

↓ 1317 CRU

SB : OFF XB : HI

↓ 1317 GYROS OFF

PYR : .05 / .10 / .25

GYROS : ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

HPTXR

DSN COVERAGE

32

HPTXR

RTLTL : 14h 12m 14s

1200 RTLTL=14h 12m 12s

0000 RTLTL=14h 12m 8s

VOYAGER 2

↓ 1709 SLEW->M 5

FDSL : 11AF

CCSL : B027

TWNC : ON

SB : OFF XB : LOW

PYR : .05 / .10 / .25

GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER COVERAGE

----- VGR -----

NOTES

[1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0721-1317)

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: 04/23/97 - 08:22

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 10, 1997
130-131

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 : 18h 14m 54s

1200 RTLT=18h 14m 56s

0000 RTLT=18h 15m 0s

VOYAGER 1

FDSL : 11AF

CCSL : A025
TWNC : ON
SB : OFF XB : HI
PYR : .05 / .10 / .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 25 [D] ----- | 0950

0005 | ----- 61 [D] ----- | 0335 | ----- 25 [D] ----- | 0355

DSN COVERAGE HPTXR

32 1035 | ----- 45 [D] ----- | 1805
1035 | ----- 25 [D] ----- | 1400

HPTXR

RTLT : 14h 12m 8s

1200 RTLT=14h 12m 6s

0000 RTLT=14h 12m 4s

VOYAGER 2

FDSL : 11AF

CCSL : B027
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: 04/23/97 - 08:22

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 11, 1997
131-132

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 : 18h 15m 0s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A025
 TWNC : ON
 SB : OFF XB : HI
 PYR : .05 / .10 / .25
 GYROS : OFF

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

1200 RTLT=18h 15m 2s

0000 RTLT=18h 15m 4s

31 ----- 25 [D] ----- | 0945 0340 |----- 25 [D] -----

0000 |----- 61 [D] ----- | 0355

DSN COVERAGE HPTXR

32 1030 |----- 45 [D] ----- | 2345

1030 |----- 25 [D] ----- | 1355

HPTXR

RTLT : 14h 12m 4s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B027
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05 / .10 / .25
 GYROS : OFF

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

1200 RTLT=14h 12m 0s

0000 RTLT=14h 11m 58s

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