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### VOYAGER 1

#### RTLT: 23h 14m 36s

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<thead>
<tr>
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<tr>
<td>1443 YAW=.10</td>
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<tr>
<td>ADD TO S/C EVENT</td>
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<tr>
<td>ERT: -23.884 sec</td>
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<tr>
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<td>PLAYBACK</td>
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### VOYAGER 2

#### RTLT: 18h 28m 54s

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### NOTES

1. S/C 31=CR-ST @ 1708 XB=160(32)
### Voyager 1 Coverage

**DSN COVERAGE**

**ISSUE DATE:** FRIDAY, APRIL 26, 2002 116-117

**UTC:** 1200 RTLT=23h 14m 36s

- **FDSL:** 11AF
- **CCSL:** A043
- **TWNC:** ON
- **SB:** OFF, **XB:** HI
- **Pyr:** .05/.10/.25
- **Gyros:** ON

**FDS MODE**

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**RTLT:** 23h 14m 36s

**VOYAGERS:**

- **VOYAGER 1**
  - **FDSL:** 11AF
  - **CCSL:** A043
  - **TWNC:** ON
  - **SB:** OFF, **XB:** HI
  - **Pyr:** .05/.10/.25
  - **Gyros:** ON

**FDS MODE**

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**CR-5T**

- **HPTXR 31:** CR-5T
- **HPTXR 32:** CR-5T

**NOTES:**

1. S/C 32 - DL AGC VARIATIONS EXPECTED DURING MAGROL (1613-2209)
2. S/C 31=GS-4B @ 2308 XB=2.8K(41) NOT RECOVERABLE
3. S/C 32=GS-4B @ 0407 XB=2.8K(41) NOT RECOVERABLE
ISSUE DATE: 04/24/02 - 13:52

SATURDAY
APRIL 27, 2002
117-118

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

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 14m 38s
VOYAGER 1
FDSL : 11AF
CCSL : A043
TWNC : ON
SB : OFF  XB : HI
PRY : .05 / .10 / .25
GYROS : BC ON

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

DSN COVERAGE

31
HPTXR
15 [D]

1415
1720
45 [D]
2020

32
HPTXR

1720
43 [D]
2300

VOYAGER 2

RTLT : 18h 28m 46s
FDSL : 11AF
CCSL : B115
TWNC : ON
SB : OFF  XB : LOW
PRY : .05 / .10 / .25
GYROS : OFF

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

NOTES

0724 TAPPOS

--- COMMAND MORATORIUM ---

--- ON CALL ---

0340

0000 RTLT=18h 28m 40s

1200 RTLT=18h 28m 44s

0000 RTLT=23h 14m 40s

1200 RTLT=23h 14m 38s
**DSN COVERAGE**

**ISSUE DATE:** April 28, 2002

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

**FDS MODE**
- **XB DATA RATE (MI):**

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**VOYAGER 2**
- **FDSL:** 11AF
- **CCSL:** B115
- **TWNC:** ON
- **SB:** OFF
- **XB:** LOW
- **PYR:** .05/.10/.25
- **GYROS:** OFF

**FDS MODE**
- **XB DATA RATE (MI):**

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**NOTES**
- CR-5T
- ON CALL
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**DSN COVERAGE**

**ISSUE DATE:** MONDAY APRIL 29, 2002

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

**FDS MODE**

**XB DATA RATE (MI)**

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- **RTLT:** 23h 14m 40s
- **FDSL:** 11AF
- **CCSL:** A043
- **TWNC:** ON
- **SB:** OFF  **XB:** HI
- **PYR:** .05/.10/.25
- **GYROS:** BC ON

**FDS MODE**

**XB DATA RATE (MI)**

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- **RTLT:** 18h 28m 34s
- **FDSL:** 11AF
- **CCSL:** B115
- **TWNC:** ON
- **SB:** OFF  **XB:** LOW
- **PYR:** .05/.10/.25
- **GYROS:** OFF

**FDS MODE**

**XB DATA RATE (MI)**

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- **RTLT:** 18h 28m 32s
- **FDSL:** 11AF
- **CCSL:** A043
- **TWNC:** ON
- **SB:** OFF  **XB:** HI
- **PYR:** .05/.10/.25
- **GYROS:** BC ON

**FDS MODE**

**XB DATA RATE (MI)**

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- **RTLT:** 18h 28m 28s
- **FDSL:** 11AF
- **CCSL:** B115
- **TWNC:** ON
- **SB:** OFF  **XB:** LOW
- **PYR:** .05/.10/.25
- **GYROS:** OFF

**FDS MODE**

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**NOTES**

- **ON CALL**
**DSN COVERAGE**

**ISSUE DATE:** 04/24/02 - 13:52

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**TUESDAY**

**APRIL 30, 2002**

**120-121**

**UTC:**

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**RTLT:** 23h 14m 42s

**VOYAGER 1**

- FDSL: 11AF
- CCSL: A043
- TWNC: ON
- SB: OFF  XB: HI
- PYR: .05/.10/.25
- GYROS: BC ON

**FDS MODE**

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**HPTXR**

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**32**

- ASCAL 0737 - 0856
- DSN RTLT: 23h 14m 44s
- 1644 PWS/RH

**VOYAGER COVERAGE**

- 0848 CRU

**NOTES**

- VGR ON CALL
- [1] S/C 31=EL-40 @ 0739 XB=40(30)
- [2] S/C 32=GS-4B @ 1543 XB=2.8K(41) NOT RECOVERABLE
- [3] S/C 31=GS-4B @ 1644 XB=2.8K(41) NOT RECOVERABLE

---

**RTLT:** 18h 28m 26s

**VOYAGER 2**

- FDSL: 11AF
- CCSL: B115
- TWNC: ON
- SB: OFF  XB: LOW
- PYR: .05/.10/.25
- GYROS: OFF

**FDS MODE**

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**VOYAGER COVERAGE**

- 1543 GS-4B 1544

**NOTES**

- [1] S/C 31=EL-40 @ 0739 XB=40(30)
- [2] S/C 32=GS-4B @ 1543 XB=2.8K(41) NOT RECOVERABLE
- [3] S/C 31=GS-4B @ 1644 XB=2.8K(41) NOT RECOVERABLE

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**UTC:**

| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 |
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**DSN COVERAGE**

**ISSUE DATE:** 04/24/02 - 13:52

**WEDNESDAY**

**MAY 1, 2002**

121-122

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**RTLT:** 23h 14m 46s

**VOYAGER 1**

**FDSL:** 11AF

**CCSL:** A043

**TWNC:** ON

**SB:** OFF  **XB:** HI

**PYR:** .05/.10/.25

**GYROS:** BC ON

**FDS MODE**

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**2245**

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**RTC: 18h 28m 22s**

**VOYAGER 2**

**FDSL:** 11AF

**CCSL:** B115

**TWNC:** ON

**SB:** OFF  **XB:** LOW

**PYR:** .05/.10/.25

**GYROS:** OFF

**FDS MODE**

**XB DATA RATE (MI):**

| 160(32) |

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**NOTES**

**ON CALL**

**CR-5T**

160(32)
### DSN COVERAGE

**ISSUE DATE:** THURSDAY MAY 2, 2002

**RTLT:** 23h 14m 48s

**VOYAGER 1**

- **FDSL:** A043
- **CCSL:** 11AF
- **TWNC:** ON
- **SB:** OFF  XB: HI
- **PYR:** .05/.10/.25
- **GYROS:** BC ON

**FDS MODE**

- **XB DATA RATE (MI):**
  - **CR-ST:** 160(32)

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**DSN COVERAGE**

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**VOYAGER 2**

- **FDSL:** B115
- **CCSL:** 11AF
- **TWNC:** ON
- **SB:** OFF  XB: LOW
- **PYR:** .05/.10/.25
- **GYROS:** OFF

**FDS MODE**

- **XB DATA RATE (MI):**
  - **CR-ST:** 160(32)

---

**VOYAGER COVERAGE**

- **ON CALL**
- **VGR**

---

**NOTES**

- **1847 DUMMY (5 MIN BRACKETED 13:16)**
**DSN COVERAGE**

**ISSUE DATE:** 04/24/02 - 13:52

**FRIDAY MAY 3, 2002 123-124**

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**VOYAGER 1**

- RTLT: 23h 15m 2s
- FDSL: 11AF
- CCSDL: A043
- TWNC: ON
- SB: OFF  XB: HI
- PYR: .05/.10/.25
- GYROS: OFF

**DSN COVERAGE**

- RTLT: 23h 15m 4s
- CCSL: A043
- TWNC: ON
- SB: OFF  XB: LOW
- PYR: .05/.10/.25
- GYROS: OFF

**VOYAGER 2**

- RTLT: 18h 27m 52s
- FDSL: 11AF
- CCSDL: B115
- TWNC: ON
- SB: OFF  XB: LOW
- PYR: .05/.10/.25
- GYROS: OFF

**VOYAGER COVERAGE**

**NOTES**

1. S/C 32=GS-4B @ 1519 XB=2.8K(41) NOT RECOVERABLE
2. S/C 31=GS-4B @ 1620 XB=2.8K(41) NOT RECOVERABLE
### DSN COVERAGE

**ISSUE DATE:** WEDNESDAY MAY 8, 2002

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**FDS MODE**
- XB DATA RATE (MI)
  - RTLT: 23h 15m 6s
  - CCSL: A043
  - TWNC: ON
  - SB: OFF
  - XB: HI
  - PYR: .05/.10/.25
  - GYROS: OFF

**FDS MODE**
- XB DATA RATE (MI)
  - RTLT: 18h 27m 46s
  - CCSL: B115
  - TWNC: ON
  - SB: OFF
  - XB: LOW
  - PYR: .05/.10/.25
  - GYROS: OFF

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**NOTES**

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THURSDAY
MAY 9, 2002
129-130

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|       | 0000 RTLT=18h 27m 38s | 0000 RTLT=18h 27m 40s | |
FRIDAY
MAY 10, 2002
130-131

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0

RTLT : 23h 15m 14s
VOYAGER 1
FDSL : 11AF
CCSL : A043
TWNC : ON
SB : OFF  XB : LOW
PYR : .05/.10/.25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)


HPTXR

DSN COVERAGE
04/24/02 13:52

VOYAGER COVERAGE

NOTES

[1] S/C 31=GS-4B @ 2220 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 32=GS-4B @ 0319 XB=2.8K(41) NOT RECOVERABLE
### Voyager 1 Coverage

**Date:** Saturday, May 11, 2002

**Coverage Time:** 04/24/02 13:52

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**Notes:**
- RTLT: 23h 15m 18s
- CCSL: A043
- TWNC: ON
- SB: OFF
- XB: LOW
- PYR: .05/ .10/ .25
- GYROS: OFF
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