<table>
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<tr>
<th>UTC:</th>
<th>0000 RTLT=24h 13m 42s</th>
<th>0000 RTLT=19h 13m 28s</th>
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**RTLT: 24h 13m 30s**

**VOYAGER 1**
- FDSL: 11AF
- CCSL: A045
- TWNC: ON
- SB: OFF
- XB: LOW
- PYR: .05/10/.25
- GYROS: OFF

**FDS MODE**
- XB DATA RATE (MI)
  - 31
  - HPTXR

**DSN COVERAGE**
- UTC: 8
- VOYAGER 1
- CR-ST
- 160 (32)
- 0913
- 0914
- 1216 TAPPOS

**VOYAGER COVERAGE**
- UTC: 8
- **NOTES**

- [1] S/C 31=GS-4B @ 0913 XB=2.8K(41) NOT RECOVERABLE
## Voyager 1 and 2 Coverage Details

### SUNDAY
**November 24, 2002**

<table>
<thead>
<tr>
<th>DSN COVERAGE</th>
<th>CR-5T</th>
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<td>HPTXR 31</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HPTXR 32</td>
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<td>CCSL: A045</td>
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<tr>
<td>TWCN: ON</td>
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<td>XB: LOW</td>
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<td>PYR: .05/.10/.25</td>
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### VOYAGER 1
- **RTLT:** 24h 13m 42s
- **FDS MODE:**XB
- **XB DATA RATE (MI):** 328-329
- **CCSL:** A045
- **TWCN:** ON
- **SB:** OFF
- **XB:** LOW
- **PYR:** .05/.10/.25
- **GYROS:** OFF

### VOYAGER 2
- **RTLT:** 19h 13m 28s
- **FDS MODE:** XB
- **XB DATA RATE (MI):** 328-329
- **CCSL:** B118
- **TWCN:** ON
- **SB:** OFF
- **XB:** LOW
- **PYR:** .05/.10/.25
- **GYROS:** OFF

### Notes
- **ON CALL**
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<td>HPTXR: 31 1505 - - - - 63 [T] - - - - 1850 1830 - - - - 25 [D] - - - - 2345</td>
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<tr>
<td>HPTXR</td>
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<tr>
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<td>VOYAGER COVERAGE: ON CALL VGR ON CALL</td>
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**DSN COVERAGE**

**ISSUE DATE:** November 26, 2002

**VOYAGER 1**

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**FDSL:** 11AF

**CCSL:** A045

**TWNC:** ON

**SB:** OFF

**XB:** LOW

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

**GYROS:** AB ON

**FDS MODE**

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<th>CR-5T</th>
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**DSN COVERAGE**

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<td>- - - - - - - - - - - 25 [D]</td>
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**RTLT:** 24h 14m 6s

**VOYAGER 2**

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**FDSL:** 11AF

**CCSL:** B118

**TWNC:** ON

**SB:** OFF

**XB:** LOW

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

**GYROS:** OFF

**FDS MODE**

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**VOYAGER COVERAGE**

**NOTES**

1. S/C 32=GS-4B @ 0142 XB=2.8K(41) NOT RECOVERABLE
2. S/C 31=GS-4B @ 0249 XB=2.8K(41) NOT RECOVERABLE

**CR-5T**

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**GS-4B**

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**PWS/RH**

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THURSDAY
NOVEMBER 28, 2002
332-333

ISSUE DATE: 11/25/02 - 12:07

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

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: 24h 14m 30s
VOYAGER 1
FDSL: 11AF
CCSL: A045
TWNC: ON
SB: OFF XB: LOW
PYR: .05/.10/.25
GYROS: AB ON

FDS MODE
XB DATA RATE (MI)

CR-ST
160(32)

DSN COVERAGE
HPTXR
32

31

1450 65[D] 1740 15[D] 2235 14[D] 0210

CR-ST
160(32)

HPTXR

34[D] 1240

0520 34[o] 0000 1200 RTLT=24h 14m 36s

0000 RTLT=19h 15m 2s

0620 0210 0000 RTLT=24h 14m 42s

0000 RTLT=19h 14m 44s

VOYAGER 2
FDSL: 11AF
CCSL: B118
TWNC: ON
SB: OFF XB: LOW
PYR: .05/.10/.25
GYROS: OFF

FDS MODE
XB DATA RATE (MI)

CR-ST
160(32)

VOYAGER COVERAGE

NOTES
Thanksgiving Holiday
**DSN COVERAGE**

**ISSUE DATE:** FRIDAY NOVEMBER 29, 2002 333-334

### VOYAGER 1

- **FDSL:** 11AF
- **CCSL:** A045
- **TWNC:** ON
- **SB:** OFF  **XB:** LOW
- **PYR:** .05/.10/.25
- **GYROS:** AB ON

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<th>Event</th>
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<tr>
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### VOYAGER 2

- **FDSL:** 11AF
- **CCSL:** B118
- **TWNC:** ON
- **SB:** OFF  **XB:** LOW
- **PYR:** .05/.10/.25
- **GYROS:** OFF

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<td><strong>RTLT:</strong> 19h 15m 10s</td>
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</table>

### NOTES

- **Thanksgiving Holiday**
- **ON CALL**

---

**UTC:** 0000 - 24h 14m 46s

---
### DSN COVERAGE

**ISSUE DATE:** Sunday, December 1, 2002

**Voyager 1**

- **RTC:** 24h 15m 4s
- **FDSL:** 11AF
- **CCSL:** A045
- **TWNC:** ON
- **SB:** OFF, **XB:** LOW
- **PYR:** .05, .10, .25
- **GYROS:** AB ON

**FDS MODE**

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

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**HPTXR**

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**Voyager 2**

- **RTC:** 19h 15m 38s
- **FDSL:** 11AF
- **CCSL:** B118
- **TWNC:** ON
- **SB:** OFF, **XB:** LOW
- **PYR:** .05, .10, .25
- **GYROS:** OFF

**FDS MODE**

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

| 1200 | RTC=19h 15m 46s | 0000 | RTC=19h 15m 56s |

**HPTXR**

**NOTES**

- **ON CALL**

---
### DSN COVERAGE

**ISSUE DATE:** MONDAY DECEMBER 2, 2002

**NOTES:** [1] S/C 31 - D/L AGC/SNR VARIATIONS EXPECTED DURING ASCAL (1602-1639)

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<th>SB</th>
<th>XB</th>
<th>PYR</th>
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<th>FDS MODE</th>
<th>XB DATA RATE (MI)</th>
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<tr>
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<td>19h 15m 14s</td>
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<td>1639 ASCAL</td>
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<td>1647 ROLL=.25</td>
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**MONDAY DECEMBER 2, 2002 336-337**

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**MONDAY DECEMBER 2, 2002 336-337**

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### VOYAGER 1
- **FDS MODE:** XB
- **XCVR:** A045
- **TWNC:** ON
- **SB:** OFF
- **XB:** LOW
- **PYR:** 0.05 / 0.10 / 0.25
- **GYROS:** OFF

### VOYAGER 2
- **FDS MODE:** XB
- **XCVR:** B118
- **TWNC:** ON
- **SB:** OFF
- **XB:** LOW
- **PYR:** 0.05 / 0.10 / 0.25
- **GYROS:** OFF

### DSN COVERAGE
- **CR-5T**
- **HPTXR**

### NOTES
- [1] S/C 32 = GS-4B @ 0119 XB=2.8K(41) NOT RECOVERABLE
- [2] S/C 31 = GS-4B @ 0226 XB=2.8K(41) NOT RECOVERABLE
**DSN COVERAGE**

**ISSUE DATE:** SATURDAY, DECEMBER 7, 2002

**NOTES**

1. S/C CR-5T @ 0227 XB=160(32)
2. S/C 31=GS-4B @ 0826 XB=2.8K(41) NOT RECOVERABLE
3. S/C 31=GS-4B @ 0826 XB=2.8K(41) NOT RECOVERABLE