### DSN COVERAGE

**ISSUE DATE:** THURSDAY JUNE 18, 1998

**FDSL:** 11AF

**CCSL:** A027
**TWNC:** ON
**SB:** OFF **XB:** LOW
**PYR:** :05/.10/.25
**GYROS:** OFF

### VOYAGER 1

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

<table>
<thead>
<tr>
<th>RTLT (UTC)</th>
<th>HPTXR</th>
<th>S/C 31 STATUS</th>
<th>FDS CLOCK DRIFT: ADD TO S/C EVENT</th>
<th>ROLLREF = RIGIL KENTAUROS</th>
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### DSN COVERAGE

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### VOYAGER 2

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

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### NOTES

- TLC (SHORT-FORM)
- D/L → 0119

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**RTLT:**

- 19h 21m 0s
- 15h 1m 40s

**FDS CLOCK DRIFT:**

- ROLLREF = RIGIL KENTAUROS

**S/C 31 STATUS**

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**COMMAN D MORATORIUM**

- 1533 SLEW→HELIO-11A
- 2201

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**NOTES**

- ON CALL

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**TLC (SHORT-FORM)**

- D/L → 0119
### DSN COVERAGE

**ISSUE DATE:** 06/16/98 - 15:00

#### FRIDAY
**JUNE 19, 1998**

#### VOYAGER 1
- FDSL: 11AF
- CCSSL: A027
- TWNC: ON
- SB: OFF
- XB: LOW
- PYR: .05/.10/.25
- GYROS: OFF

#### VOYAGER 2
- FDSL: 11AF
- CCSSL: B029
- TWNC: ON
- SB: OFF
- XB: LOW
- PYR: .05/.10/.25
- GYROS: OFF

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

### DSN COVERAGE

#### HPTXR

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<td>RTLT=19h 21m 28s</td>
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#### HPTXR

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### VOYAGER COVERAGE

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### VOYAGER COVERAGE

- **VOYAGER COVERAGE**
  - **NOTES**: [1] S/C 32 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (1319-1914)
### DSN COVERAGE

**ISSUE DATE:** 06/16/98 - 15:00

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#### VOYAGER 1
- **FDSL:** 11AF
- **CCSL:** A027
- **TWNC:** ON
- **SB:** OFF  XB: LOW
- **PYR:** .05/.10/.25
- **GYROS:** OFF

#### VOYAGER 2
- **FDSL:** 11AF
- **CCSL:** B029
- **TWNC:** ON
- **SB:** OFF  XB: LOW
- **PYR:** .05/.10/.25
- **GYROS:** OFF

#### XB DATA RATE (MI)
- **CR-ST**

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**COMMERCIAL MORATORIUM**

- 0446
- 1333 SLEW->MIDPNT-1A
- 1533 SLEW->HELIO-10A

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**ON CALL**

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- 0440
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### DSN COVERAGE

**ISSUE DATE:** MONDAY JUNE 22, 1998 173-174

| DSN COVERAGE | UTC: | 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 |
|--------------|------|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| RTLT:        |      | 19h 21m 58s | 1200 RTLT=19h 22m 4s | 0000 RTLT=19h 22m 12s |
| VOYAGER 1    | FDSL: | 11AF |
| CCSL:        | A027 |
| TWNC:        | ON |
| SB:          | OFF |
| XB:          | LOW |
| PYR:         | .05/.10/.25 |
| GYROS:       | OFF |
| FDS MODE     | XB DATA RATE (MI) |
| HPTXR        | 31 | 24 [D] | 1155 |
| HPTXR        | 32 | 0850 | 42 [D] | 1935 |
| DSN COVERAGE | UTC: | 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 |
| RTLT:        |      | 15h 1m 52s | 1200 RTLT=15h 1m 54s | 0000 RTLT=15h 1m 56s |
| VOYAGER 2    | FDSL: | 11AF |
| CCSL:        | B029 |
| TWNC:        | ON |
| SB:          | OFF |
| XB:          | LOW |
| PYR:         | .05/.10/.25 |
| GYROS:       | OFF |
| FDS MODE     | XB DATA RATE (MI) |
| HPTXR        | 0850 | 42 [D] | 1935 |
| DSN COVERAGE | UTC: | 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 |
| RTLT:        |      | 15h 1m 52s | 1200 RTLT=15h 1m 54s | 0000 RTLT=15h 1m 56s |
| VOYAGER 2    | FDSL: | 11AF |
| CCSL:        | B029 |
| TWNC:        | ON |
| SB:          | OFF |
| XB:          | LOW |
| PYR:         | .05/.10/.25 |
| GYROS:       | OFF |
| FDS MODE     | XB DATA RATE (MI) |
| HPTXR        | 0850 | 42 [D] | 1935 |

**NOTES**

- U/L: 0230  - - - - TLC (SHORT-FORM)  - - - -
- ▼ 2255 DUMMY (18:17)
- ▼ 1533 SLEW->HELIO-8A
- ▼ 1942 DUMMY (BRACKETED 5MIN 10:44)

**ON CALL**

- VGR
- CR-ST 160 (32)
- 0250 25 [D] 0310
- 2200 61 [T] 2145
- 0850 42 [D] 1935
- 2255 61 [T] 2145

**Additional Information**

- 0000 RTLT=19h 22m 12s
- 0000 RTLT=15h 1m 56s
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**TUESDAY, JUNE 23, 1998**

**VOYAGER 1**

- FDSL: 11AF
- CCSL: A027
- TWNC: ON
- SB: OFF, XB: LOW
- PRY: 0.05, 10, 25
- GYROS: OFF

**FDS MODE**

- XB DATA RATE (MI)
  - 160 (32)

**TLC (SHORT-FORM)**

- 1336 PWS/RH
- D/L 2320
- 2142 SLEW->MIDPOINT

**DSN COVERAGE**

- HPTXR
- 32

**RTLT:** 19h 22m 12s

**VOYAGER 2**

- FDSL: 11AF
- CCSDL: B029
- TWNC: ON
- SB: OFF, XB: LOW
- PRY: 0.05, 10/25
- GYROS: OFF

**FDS MODE**

- XB DATA RATE (MI)
  - 160 (32)

**TLC (SHORT-FORM)**

- 1249 PWS/RH
- 1533 SLEW->HElio-7A

**RTLT:** 15h 1m 56s

**VOYAGER COVERAGE**

- RTLT=15h 2m 0s
- 0000 RTLT=15h 2m 2s

**NOTES**

- [1] S/C 32=GS-4B @ 1249 XB=2.8K(41) NOT RECOVERABLE
- [2] S/C 31=GS-4B @ 1335 XB=2.8K(41) NOT RECOVERABLE
## DSN COVERAGE

### VOYAGER 1

- **FDSL**: 11AF
- **CCSL**: A027
- **TWNC**: ON
- **SB**: OFF  XB: LOW
- **PYR**: .05/.10/.25
- **GYROS**: OFF

### VOYAGER 2

- **FDSL**: 11AF
- **CCSL**: B029
- **TWNC**: ON
- **SB**: OFF  XB: LOW
- **PYR**: .05/.10/.25
- **GYROS**: OFF

### DSN COVERAGE

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### NOTES

- **0709 PLSCAL**
- **MAGCAL**: 0829
- **PESCAL**: 0847

### VOYAGER COVERAGE

- **RTLT**: 19h 22m 28s
- **CCSL**: A027
- **TWNC**: ON
- **SB**: OFF  XB: LOW
- **PYR**: .05/.10/.25
- **GYROS**: OFF

- **RTLT**: 15h 2m 2s
- **CCSL**: B029
- **TWNC**: ON
- **SB**: OFF  XB: LOW
- **PYR**: .05/.10/.25
- **GYROS**: OFF

### VOYAGER COVERAGE

- **1533 SLEW->HELIO-6A**
- **ON CALL**

---

**ISSUE DATE**: 06/16/98  15:00
### DSN COVERAGE

**ISSUE DATE:** 06/16/98 - 15:00

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| RTLT : | 15h 2m 16s |
| VOYAGER 2 |         |
| FDSL : | 11AF |
| CCSL : | B029 |
| TWNC : | ON |
| SB : | OFF X: LOW |
| PYR : | .05/.10/.25 |
| GYROS : | OFF |

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| NOTES | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

### CR-5T

- **160(32)**

### CR-5T

- **160(32)**
### DSN COVERAGE

**ISSUE DATE:** 06/16/98 - 15:00

**MONDAY**
**JUNE 29, 1998**
**180-181**

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- **RTLT:** 19h 23m 46s
- **VOYAGER 1**
- **FDSL:** 11AF
- **CCSL:** A027
- **TWNC:** ON
- **SB:** OFF
- **XB:** LOW
- **PYR:** .05/.10/.25
- **GYROS:** OFF

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

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

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**VOYAGER COVERAGE**

**NOTES**

**MONDAY**
**JUNE 29, 1998**
**180-181**

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- **RTLT:** 15h 2m 26s
- **VOYAGER 2**
- **FDSL:** 11AF
- **CCSL:** B029
- **TWNC:** ON
- **SB:** OFF
- **XB:** LOW
- **PYR:** .05/.10/.25
- **GYROS:** OFF

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

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**VOYAGER COVERAGE**

**NOTES**
### DSN COVERAGE

**ISSUE DATE:** 06/16/98 - 15:00

**TUESDAY**

**JUNE 30, 1998**

**181-182**

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**NOTES**

1. S/C 32=GS-4B @ 1225 XB=2.8K(41) NOT RECOVERABLE
2. S/C 31=GS-4B @ 1312 XB=2.8K(41) NOT RECOVERABLE
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<th>Time</th>
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**VOYAGER COVERAGE**

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>1200</td>
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<tr>
<td>0000</td>
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<td>RTLT=15h 2m 46s</td>
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**NOTES**

- ON CALL
- CR-5T 160(32)
- RTLT: 19h 24m 18s
- RTLT: 15h 2m 38s

**WEDNESDAY**

JULY 1, 1998

182-183
### THURSDAY
#### JULY 2, 1998

**ISSUE DATE:** 06/16/98 - 15:00

**PDT:** 012345678910111213141516171819202122230

**UTC:** 012345678910111213141516171819202122230

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**DSN COVERAGE**

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**CR-S-T**

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**RTLT : 19h 24m 36s**

**CCSL : B029**

**TWNC : ON**

**SB : OFF**

**XB : LOW**

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

**GYROS : OFF**

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</thead>
</table>

<table>
<thead>
<tr>
<th>NOTES</th>
</tr>
</thead>
</table>

| 1515 | DUMMY (BRACKETED 5MIN NO D/L) |

| 0000 | RTLT=15h 2m 52s |

---

**ON CALL**

---

**VGR**

---

**ON CALL**
### Voyager 1 Coverage

**June 16, 1998**

- **RTLT:** 19h 24m 52s
- **CCSL:** A027
- **TWNC:** ON
- **SB:** OFF  **XB:** LOW
- **PYR:** .05/.10/.25
- **GYROS:** OFF

**FDS Mode**

- **XB Data Rate (MI):** 11AF

**TLC (SHORT-FORM)**

- **D/L:** 0826

#### DSN Coverage

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- **RTLT:** 15h 2m 56s
- **CCSL:** B029
- **TWNC:** ON
- **SB:** OFF  **XB:** LOW
- **PYR:** .05/.10/.25
- **GYROS:** OFF

- **FDS Mode**

- **XB Data Rate (MI):** 160(32)

#### Notes

- **JPL HOLIDAY**
- **SCRAP/A106**
- **ON CALL**
- **0155**
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**VOYAGER 1**

- **FDSL:** 11AF
- **CCSL:** A027
- **TWNC:** ON
- **SB:** OFF
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- **PYR:** .05/.10/.25
- **GYROS:** OFF

**FDS MODE**

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**VOYAGER 2**

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- **CCSL:** B029
- **TWNC:** ON
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- **PYR:** .05/.10/.25
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**FDS MODE**

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