

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: March 30, 2011

For the Period: 03/31/2011 to 04/25/2011 (11-076 – 11-094)

**DSN OPSCHIEF (1) 230-102**

**SCIENCE**

**FLIGHT TEAM (14) 600-100**

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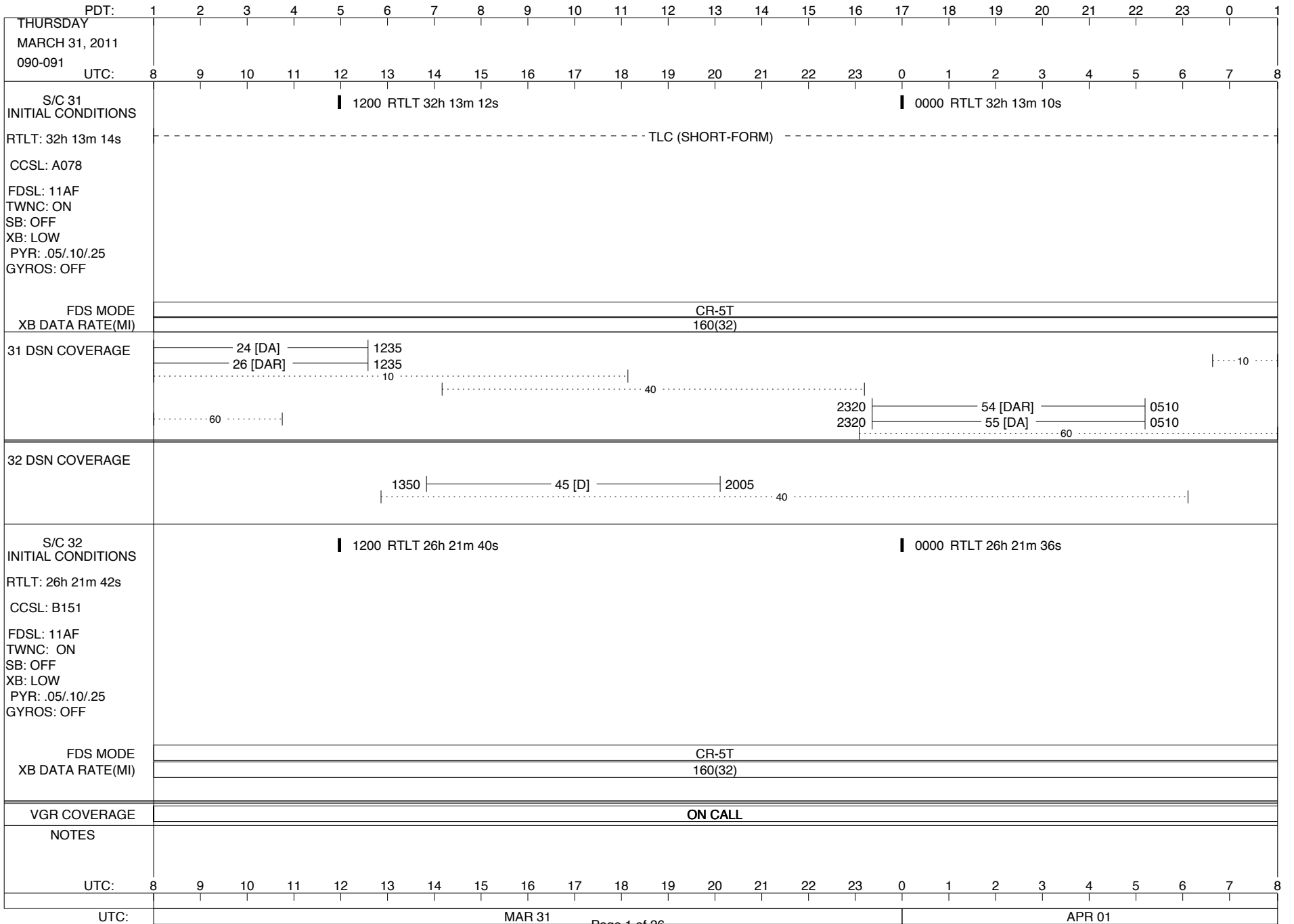
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- LEGEND:**
- ▽ = R/T Command (Last chance or Contingency)
  - ▼ = R/T Command (Scheduled)
  - \* = Result of R/T Command
  - n = (where n = 1,2,3 ..) Special Note, see bottom of page
  - A = Arrayed station
  - B = 7-Point BLF
  - D = Downlink only pass
  - H = High Power Transmitter
  - R = Array Reference Antenna
  - T = TLC Uplink
  - U = Uplink only pass
  - [o] = Ramp-through

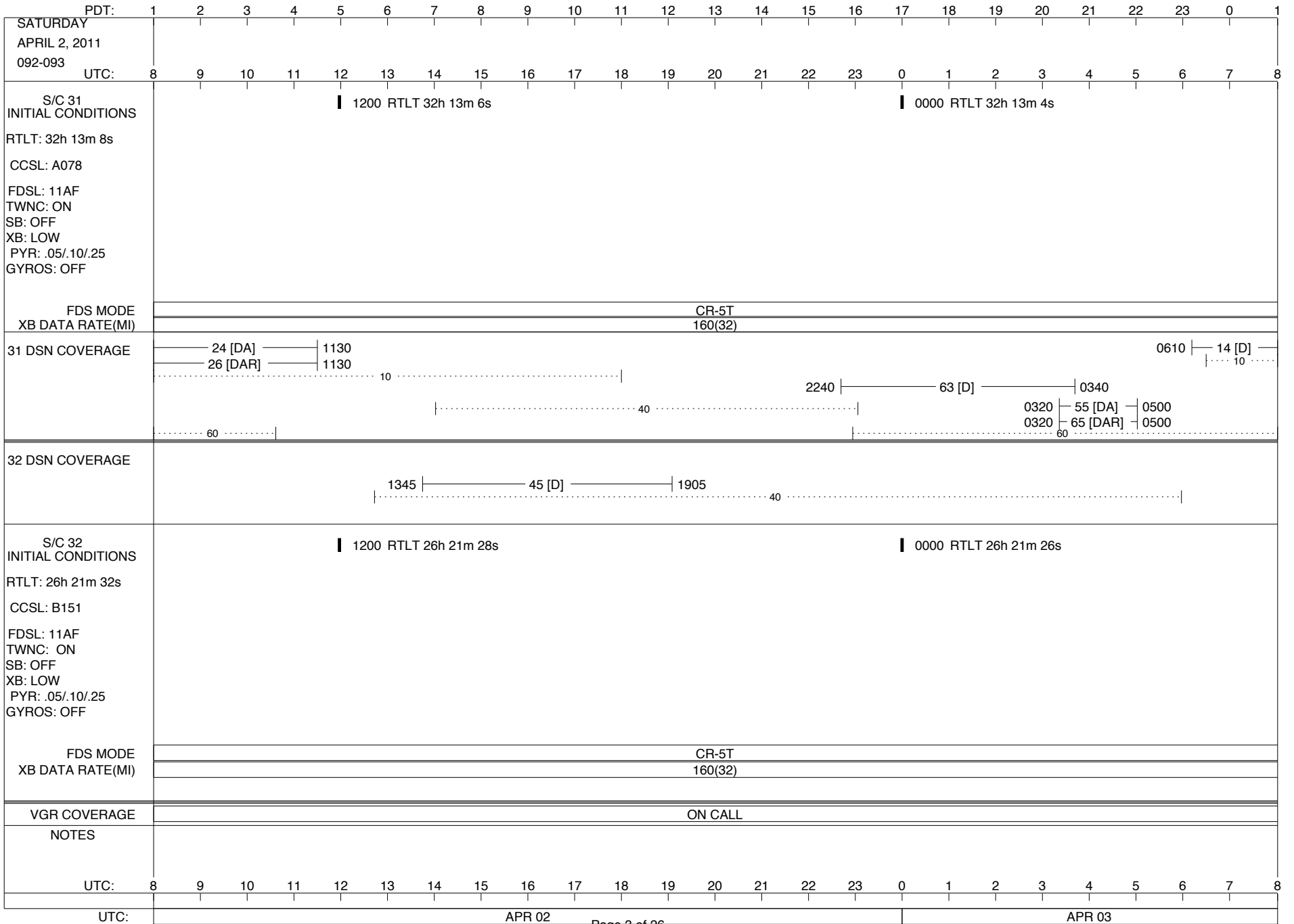
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09/08/10

ISSUE DATE: 04/05/11 17:30



ISSUE DATE: 04/05/11 17:30

| PDT:                               | 1  | 2 | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10  | 11 | 12 | 13 | 14                    | 15 | 16 | 17 | 18 | 19      | 20 | 21 | 22 | 23 | 0 | 1 |  |  |
|------------------------------------|--|---|----|----|----|----|----|----|----|-----|----|----|----|-----------------------|----|----|----|----|---------|----|----|----|----|---|---|--|--|
| 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 |  |  |
| FRIDAY<br>APRIL 1, 2011<br>091-092 |  |   |    |    |    |    |    |    |    |     |    |    |    |                       |    |    |    |    |         |    |    |    |    |   |   |  |  |
| S/C 31<br>INITIAL CONDITIONS       | 1200 RTLT 32h 13m 8s   |   |    |    |    |    |    |    |    |     |    |    |    | 0000 RTLT 32h 13m 8s  |    |    |    |    |         |    |    |    |    |   |   |  |  |
| RTLTL: 32h 13m 10s                 | ----- TLC (SHORT-FORM) -----  D/L -  1556  |   |    |    |    |    |    |    |    |     |    |    |    |                       |    |    |    |    |         |    |    |    |    |   |   |  |  |
| CCSL: A078                         | *<br>1229   1233 A079 CHKSUM   |   |    |    |    |    |    |    |    |     |    |    |    | 2058   2113 TAPPOS    |    |    |    |    |         |    |    |    |    |   |   |  |  |
| FDSL: 11AF                         | *<br>1258   1259 2 AHELIO SID MRO'S  |   |    |    |    |    |    |    |    |     |    |    |    | 0001   0002 PWS/RH    |    |    |    |    |         |    |    |    |    |   |   |  |  |
| TWNC: ON                           |  |   |    |    |    |    |    |    |    |     |    |    |    |                       |    |    |    |    |         |    |    |    |    |   |   |  |  |
| SB: OFF                            |  |   |    |    |    |    |    |    |    |     |    |    |    |                       |    |    |    |    |         |    |    |    |    |   |   |  |  |
| XB: LOW                            |  |   |    |    |    |    |    |    |    |     |    |    |    |                       |    |    |    |    |         |    |    |    |    |   |   |  |  |
| PYR: .05/10/25                     |  |   |    |    |    |    |    |    |    |     |    |    |    |                       |    |    |    |    |         |    |    |    |    |   |   |  |  |
| GYROS: OFF                         |  |   |    |    |    |    |    |    |    |     |    |    |    |                       |    |    |    |    |         |    |    |    |    |   |   |  |  |
| CR-5T 1202 ↓                       | * ↓  |   |    |    |    |    |    |    |    |     |    |    |    | 1302 CR-5T            |    |    |    |    |         |    |    |    |    |   |   |  |  |
| FDS MODE                           | CR-5T  |   |    |    |    |    |    |    |    |     |    |    |    | CR-5T                 |    |    |    |    |         |    |    |    |    |   |   |  |  |
| XB DATA RATE(MI)                   | 160(32)  |   |    |    |    |    |    |    |    |     |    |    |    | 160(32)               |    |    |    |    |         |    |    |    |    |   |   |  |  |
| 31 DSN COVERAGE                    | 1145  -----  14 [D]  -----  1820<br>..... -----  40 ..... -----  2245  -----  63 [D]  -----  0345<br>..... -----  60 ..... -----  0325   54 [DA]  -----  0505<br>..... -----  60 ..... -----  0325   55 [DAR]  -----  0505<br>..... -----  60 ..... -----  0635   24 [DA]  ----- <br>..... -----  60 ..... -----  0635   26 [DAR]  ----- <br>..... -----  60 ..... -----  10 ..... ----- |   |    |    |    |    |    |    |    |     |    |    |    |                       |    |    |    |    |         |    |    |    |    |   |   |  |  |
| 32 DSN COVERAGE                    | 1350  -----  45 [D]  -----  2115<br>..... -----  40 ..... -----  |   |    |    |    |    |    |    |    |     |    |    |    |                       |    |    |    |    |         |    |    |    |    |   |   |  |  |
| S/C 32<br>INITIAL CONDITIONS       | 1200 RTLT 26h 21m 34s  |   |    |    |    |    |    |    |    |     |    |    |    | 0000 RTLT 26h 21m 32s |    |    |    |    |         |    |    |    |    |   |   |  |  |
| RTLTL: 26h 21m 36s                 |  |   |    |    |    |    |    |    |    |     |    |    |    |                       |    |    |    |    |         |    |    |    |    |   |   |  |  |
| CCSL: B151                         |  |   |    |    |    |    |    |    |    |     |    |    |    |                       |    |    |    |    |         |    |    |    |    |   |   |  |  |
| FDSL: 11AF                         |  |   |    |    |    |    |    |    |    |     |    |    |    |                       |    |    |    |    |         |    |    |    |    |   |   |  |  |
| TWNC: ON                           |  |   |    |    |    |    |    |    |    |     |    |    |    |                       |    |    |    |    |         |    |    |    |    |   |   |  |  |
| SB: OFF                            |  |   |    |    |    |    |    |    |    |     |    |    |    |                       |    |    |    |    |         |    |    |    |    |   |   |  |  |
| XB: LOW                            |  |   |    |    |    |    |    |    |    |     |    |    |    |                       |    |    |    |    |         |    |    |    |    |   |   |  |  |
| PYR: .05/10/25                     |  |   |    |    |    |    |    |    |    |     |    |    |    |                       |    |    |    |    |         |    |    |    |    |   |   |  |  |
| GYROS: OFF                         |  |   |    |    |    |    |    |    |    |     |    |    |    |                       |    |    |    |    |         |    |    |    |    |   |   |  |  |
| FDS MODE                           | CR-5T  |   |    |    |    |    |    |    |    |     |    |    |    |                       |    |    |    |    |         |    |    |    |    |   |   |  |  |
| XB DATA RATE(MI)                   | 160(32)  |   |    |    |    |    |    |    |    |     |    |    |    |                       |    |    |    |    |         |    |    |    |    |   |   |  |  |
| VGR COVERAGE                       | ON CALL  |   |    |    |    |    |    |    |    | VGR |    |    |    |                       |    |    |    |    | ON CALL |    |    |    |    |   |   |  |  |
| NOTES                              | [1] S/C 31=EL-40 XB=40(30) @ 1202<br>[2] S/C 31=CR-5T XB=160(32) @ 1302<br>[3] S/C 31=GS-4B @ 0001 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 |  |  |
| UTC:                               | APR 01   |   |    |    |    |    |    |    |    |     |    |    |    | APR 02                |    |    |    |    |         |    |    |    |    |   |   |  |  |



| PDT:  | 1  | 2 | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13                    | 14      | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | 1 | 2 |  |  |
|---|--|---|----|----|----|----|----|----|----|----|----|----|-----------------------|---------|----|----|----|----|----|----|----|----|----|---|---|---|--|--|
| SUNDAY<br>APRIL 3, 2011<br>093-094  |  |   |    |    |    |    |    |    |    |    |    |    |                       |         |    |    |    |    |    |    |    |    |    |   |   |   |  |  |
| 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 | 9 |  |  |
| S/C 31<br>INITIAL CONDITIONS<br>RTLT: 32h 13m 4s<br>CCSL: A078<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/10/25<br>GYROS: OFF  | 1200 RTLT 32h 13m 2s   |   |    |    |    |    |    |    |    |    |    |    | 0000 RTLT 32h 13m 2s  |         |    |    |    |    |    |    |    |    |    |   |   |   |  |  |
| FDS MODE  |  |   |    |    |    |    |    |    |    |    |    |    |                       | CR-5T   |    |    |    |    |    |    |    |    |    |   |   |   |  |  |
| XB DATA RATE(MI)  |  |   |    |    |    |    |    |    |    |    |    |    |                       | 160(32) |    |    |    |    |    |    |    |    |    |   |   |   |  |  |
| 31 DSN COVERAGE   | <p>14 [D]   1130   0625   14 [D]</p> <p>..... 10 ..... 40 ..... 2255   65 [DA]   0400</p> <p>..... 60 ..... 2255   55 [DAR]   0400</p> |   |    |    |    |    |    |    |    |    |    |    |                       |         |    |    |    |    |    |    |    |    |    |   |   |   |  |  |
| 32 DSN COVERAGE   | <p>1320   43 [D]   1850</p> <p>..... 40 .....</p>  |   |    |    |    |    |    |    |    |    |    |    |                       |         |    |    |    |    |    |    |    |    |    |   |   |   |  |  |
| S/C 32<br>INITIAL CONDITIONS<br>RTLT: 26h 21m 26s<br>CCSL: B151<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/10/25<br>GYROS: OFF | 1200 RTLT 26h 21m 22s  |   |    |    |    |    |    |    |    |    |    |    | 0000 RTLT 26h 21m 20s |         |    |    |    |    |    |    |    |    |    |   |   |   |  |  |
| FDS MODE  |  |   |    |    |    |    |    |    |    |    |    |    |                       | CR-5T   |    |    |    |    |    |    |    |    |    |   |   |   |  |  |
| XB DATA RATE(MI)  |  |   |    |    |    |    |    |    |    |    |    |    |                       | 160(32) |    |    |    |    |    |    |    |    |    |   |   |   |  |  |
| VGR 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 | 9 |  |  |
| UTC:  | APR 03   |   |    |    |    |    |    |    |    |    |    |    |                       | APR 04  |    |    |    |    |    |    |    |    |    |   |   |   |  |  |

ISSUE DATE: 04/05/11 17:30

| PDT:   | 2  | 3  | 4  | 5  | 6  | 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 | 8 |
|--|--|----|----|----|----|----|----|-----|----|----|----|----|----|----|--|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|
| MONDAY<br>APRIL 4, 2011<br>094-095   |  |    |    |    |    |    |    |     |    |    |    |    |    |    |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |
| UTC:   | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23   | 0  | 1  | 2  | 3  | 4  | 5  | 6  | 7 | 8 |   |   |   |   |   |   |   |
| S/C 31<br>INITIAL CONDITIONS<br>RTLTL: 32h 13m 2s<br>CCSL: A078<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF  | 1200 RTLTL 32h 13m 0s                      |    |    |    |    |    |    |     |    |    |    |    |    |    | 0000 RTLTL 32h 12m 58s   |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |
| FDS MODE<br>XB DATA RATE(MI)   |  |    |    |    |    |    |    |     |    |    |    |    |    |    | CR-5T<br>160(32)   |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |
| 31 DSN COVERAGE  | 14 [D]   1255<br> ----- <br>10  -----      |    |    |    |    |    |    |     |    |    |    |    |    |    | 0615   14 [D]  <br> ----- <br>10  -----  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |
|  | -----  40  -----                           |    |    |    |    |    |    |     |    |    |    |    |    |    | 2250  -----  65 [DAR]  -----  0500<br>2250  -----  54 [DA]  -----  0500<br>60  -----  60 |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |
| 32 DSN COVERAGE  | 1200  -----  43 [B]  -----  1655<br> ----- |    |    |    |    |    |    |     |    |    |    |    |    |    | 1930  -----  34 [D]  -----  2210<br> -----  40  -----                                    |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |
| S/C 32<br>INITIAL CONDITIONS<br>RTLTL: 26h 21m 20s<br>CCSL: B151<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF | 1200 RTLTL 26h 21m 18s                     |    |    |    |    |    |    |     |    |    |    |    |    |    | 0000 RTLTL 26h 21m 14s   |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |
| FDS MODE<br>XB DATA RATE(MI)   |  |    |    |    |    |    |    |     |    |    |    |    |    |    | CR-5T<br>160(32)   |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |
| VGR COVERAGE   | ON CALL                                    |    |    |    |    |    |    | VGR |    |    |    |    |    |    | ON CALL  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |
| NOTES  |  |    |    |    |    |    |    |     |    |    |    |    |    |    |  |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |
| UTC:   | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23   | 0  | 1  | 2  | 3  | 4  | 5  | 6  | 7 | 8 |   |   |   |   |   |   |   |
| UTC:   | APR 04                                     |    |    |    |    |    |    |     |    |    |    |    |    |    | APR 05   |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |

ISSUE DATE: 04/05/11 17:30

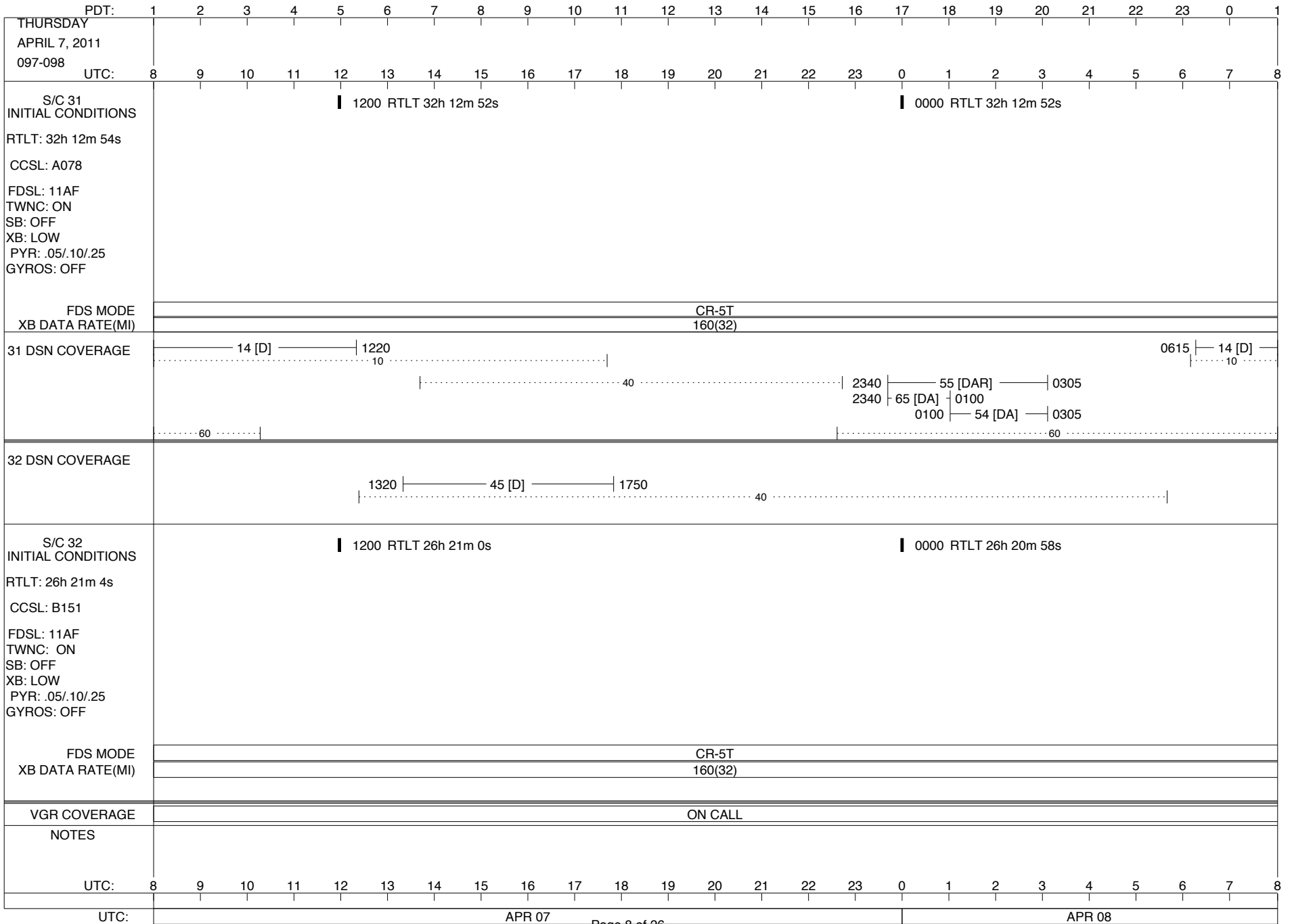
| PDT:  | 1  | 2 | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15                    | 16 | 17 | 18 | 19      | 20 | 21 | 22 | 23 | 0 | 1 |  |  |  |
|---|--|---|----|----|----|----|----|----|----|----|----|----|----|----|-----------------------|----|----|----|---------|----|----|----|----|---|---|--|--|--|
| TUESDAY<br>APRIL 5, 2011<br>095-096   |  |   |    |    |    |    |    |    |    |    |    |    |    |    |                       |    |    |    |         |    |    |    |    |   |   |  |  |  |
| 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 |  |  |  |
| S/C 31<br>INITIAL CONDITIONS<br>RTLT: 32h 12m 58s<br>CCSL: A078<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF | 1200 RTLT 32h 12m 58s  |   |    |    |    |    |    |    |    |    |    |    |    |    | 0000 RTLT 32h 12m 56s |    |    |    |         |    |    |    |    |   |   |  |  |  |
| FDS MODE<br>XB DATA RATE(MI)  | CR-5T<br>160(32)   |   |    |    |    |    |    |    |    |    |    |    |    |    | CR-5T<br>160(32)      |    |    |    |         |    |    |    |    |   |   |  |  |  |
| 31 DSN COVERAGE   | <p>14 [D] 1445 0625 25 [DA] 0625 26 [DAR] 10</p> <p>1510 43 [I] 2055 2250 55 [DA] 0335 2250 54 [DAR] 0335 60</p> |   |    |    |    |    |    |    |    |    |    |    |    |    |                       |    |    |    |         |    |    |    |    |   |   |  |  |  |
| 32 DSN COVERAGE   | <p>1340 45 [D] 1605 2140 43 [D] 0130</p>   |   |    |    |    |    |    |    |    |    |    |    |    |    |                       |    |    |    |         |    |    |    |    |   |   |  |  |  |
| S/C 32<br>INITIAL CONDITIONS<br>RTLT: 26h 21m 14s<br>CCSL: B151<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF | 1200 RTLT 26h 21m 12s  |   |    |    |    |    |    |    |    |    |    |    |    |    | 0000 RTLT 26h 21m 8s  |    |    |    |         |    |    |    |    |   |   |  |  |  |
| FDS MODE<br>XB DATA RATE(MI)  | CR-5T<br>160(32)   |   |    |    |    |    |    |    |    |    |    |    |    |    |                       |    |    |    |         |    |    |    |    |   |   |  |  |  |
| VGR COVERAGE  | ON CALL  |   |    |    |    |    |    |    |    |    |    |    |    |    | VGR                   |    |    |    | ON CALL |    |    |    |    |   |   |  |  |  |
| NOTES   | [1] S/C 31=GS-4B @ 1736 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 |  |  |  |
| UTC:  | APR 05   |   |    |    |    |    |    |    |    |    |    |    |    |    | APR 06                |    |    |    |         |    |    |    |    |   |   |  |  |  |

ISSUE DATE: 04/05/11 17:30

|   |  |
|---|--|
| PDT: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1  |  |
| WEDNESDAY<br>APRIL 6, 2011<br>096-097   |  |
| 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  |  |
| S/C 31<br>INITIAL CONDITIONS<br>RTLT: 32h 12m 56s<br>CCSL: A078<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF | <p>1200 RTLT 32h 12m 56s</p> <p>0000 RTLT 32h 12m 54s</p> <p>----- CANCELED TLC (LONG-FORM) -----   D/L   0121</p>   |
| FDS MODE<br>XB DATA RATE(MI)  | CR-5T<br>160(32)   |
| 31 DSN COVERAGE   | <p>25 [DA] 1225 0615   14 [D]  </p> <p>26 [DAR] 1225   10  </p> <p>----- 40 -----</p> <p>0015   65 [DAR]   0350</p> <p>0015   55 [DA]   0350</p> <p>----- 60 -----</p> |
| 32 DSN COVERAGE   | <p>1325   45 [D]   1725</p> <p>----- 40 -----</p>  |
| S/C 32<br>INITIAL CONDITIONS<br>RTLT: 26h 21m 8s<br>CCSL: B151<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF  | <p>1200 RTLT 26h 21m 6s</p> <p>0000 RTLT 26h 21m 4s</p>  |
| FDS MODE<br>XB DATA RATE(MI)  | CR-5T<br>160(32)   |
| VGR 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  |  |
| UTC: APR 06 APR 07  |  |



ISSUE DATE: 04/05/11 17:30

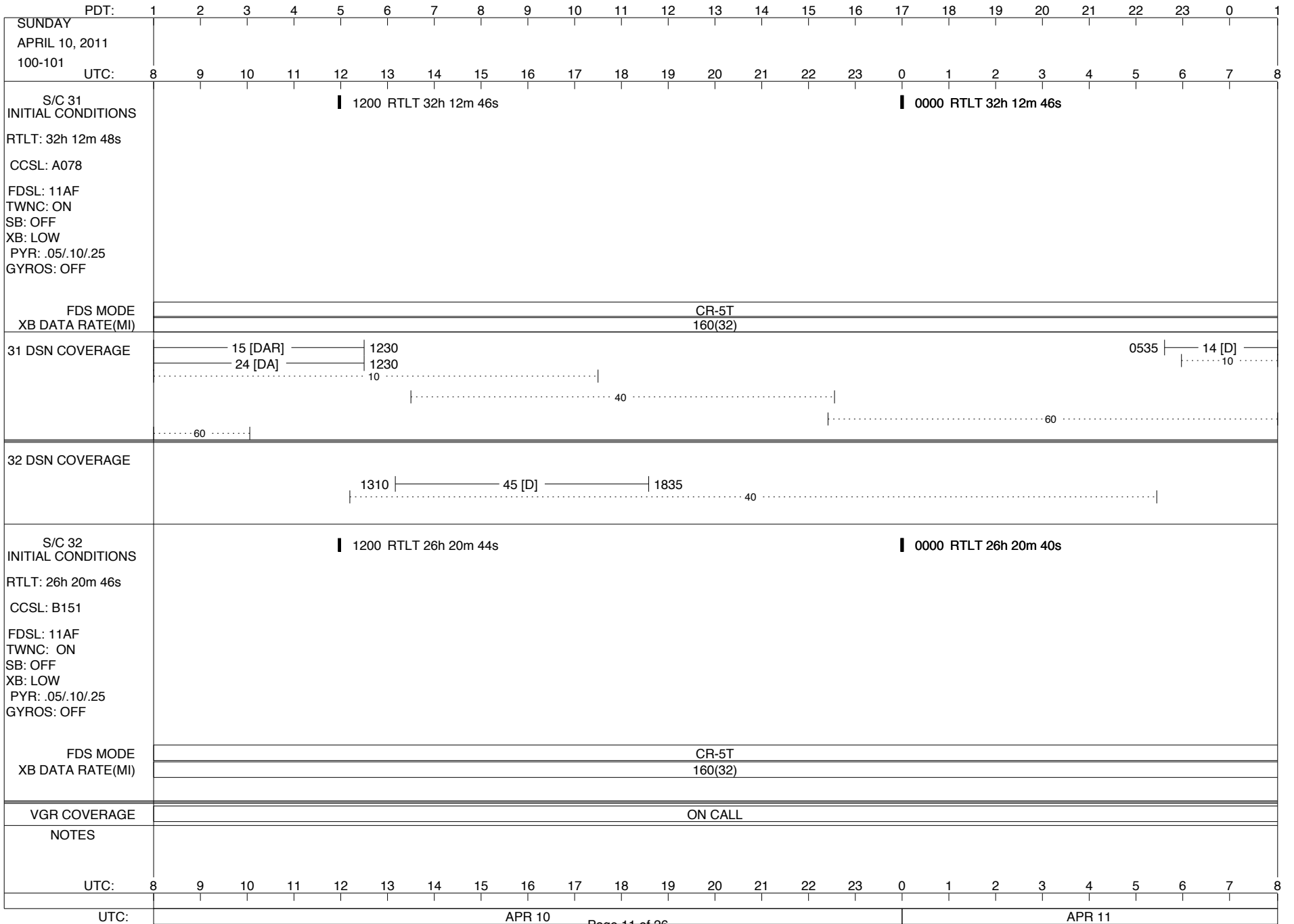


ISSUE DATE: 04/05/11 17:30

| PDT:  | 1   | 2 | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13                      | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | 1 |
|---|---|---|----|----|----|----|----|----|----|----|----|----|-------------------------|----|----|----|----|----|----|----|----|----|----|---|---|
| FRIDAY<br>APRIL 8, 2011<br>098-099  |   |   |    |    |    |    |    |    |    |    |    |    |                         |    |    |    |    |    |    |    |    |    |    |   |   |
| 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 |
| S/C 31<br>INITIAL CONDITIONS<br>RTLT: 32h 12m 52s<br>CCSL: A078<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF | █ 1200 RTLT 32h 12m 50s                             |   |    |    |    |    |    |    |    |    |    |    | █ 0000 RTLT 32h 12m 50s |    |    |    |    |    |    |    |    |    |    |   |   |
| FDS MODE  | CR-5T   |   |    |    |    |    |    |    |    |    |    |    | CR-5T                   |    |    |    |    |    |    |    |    |    |    |   |   |
| XB DATA RATE(MI)  | 160(32)   |   |    |    |    |    |    |    |    |    |    |    | 160(32)                 |    |    |    |    |    |    |    |    |    |    |   |   |
| 31 DSN COVERAGE   |   |   |    |    |    |    |    |    |    |    |    |    |                         |    |    |    |    |    |    |    |    |    |    |   |   |
| 32 DSN COVERAGE   |   |   |    |    |    |    |    |    |    |    |    |    |                         |    |    |    |    |    |    |    |    |    |    |   |   |
| S/C 32<br>INITIAL CONDITIONS<br>RTLT: 26h 20m 58s<br>CCSL: B151<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF | █ 1200 RTLT 26h 20m 54s                             |   |    |    |    |    |    |    |    |    |    |    | █ 0000 RTLT 26h 20m 52s |    |    |    |    |    |    |    |    |    |    |   |   |
| FDS MODE  | CR-5T   |   |    |    |    |    |    |    |    |    |    |    | CR-5T                   |    |    |    |    |    |    |    |    |    |    |   |   |
| XB DATA RATE(MI)  | 160(32)   |   |    |    |    |    |    |    |    |    |    |    | 160(32)                 |    |    |    |    |    |    |    |    |    |    |   |   |
| VGR COVERAGE  | ON CALL   |   |    |    |    |    |    |    |    |    |    |    |                         |    |    |    |    |    |    |    |    |    |    |   |   |
| NOTES   | [1] S/C 31=GS-4B @ 2336 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 |
| UTC:  | APR 08  |   |    |    |    |    |    |    |    |    |    |    | APR 09                  |    |    |    |    |    |    |    |    |    |    |   |   |

| PDT:  | 1      | 2 | 3  | 4  | 5      | 6  | 7  | 8  | 9  | 10 | 11     | 12 | 13 | 14 | 15   | 16 | 17     | 18 | 19 | 20 | 21       | 22   | 23       | 0 | 1       |  |  |  |  |  |  |      |  |  |  |        |  |  |  |  |  |  |  |  |  |  |      |          |          |  |  |  |  |  |  |  |  |    |  |      |  |  |  |  |  |  |  |  |  |  |      |         |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |    |
|---|--------|---|----|----|--------|----|----|----|----|----|--------|----|----|----|--|----|--------|----|----|----|----------|------|----------|---|---------|--|--|--|--|--|--|------|--|--|--|--------|--|--|--|--|--|--|--|--|--|--|------|----------|----------|--|--|--|--|--|--|--|--|----|--|------|--|--|--|--|--|--|--|--|--|--|------|---------|--|--|--|--|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---------|--|--|--|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|--|--|--|--|--|--|--|--|--|--|----|
| SATURDAY<br>APRIL 9, 2011<br>099-100  |        |   |    |    |        |    |    |    |    |    |        |    |    |    |  |    |        |    |    |    |          |      |          |   |         |  |  |  |  |  |  |      |  |  |  |        |  |  |  |  |  |  |  |  |  |  |      |          |          |  |  |  |  |  |  |  |  |    |  |      |  |  |  |  |  |  |  |  |  |  |      |         |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |    |
| 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       |  |  |  |  |  |  |      |  |  |  |        |  |  |  |  |  |  |  |  |  |  |      |          |          |  |  |  |  |  |  |  |  |    |  |      |  |  |  |  |  |  |  |  |  |  |      |         |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |    |
| S/C 31<br>INITIAL CONDITIONS<br>RTLT: 32h 12m 50s<br>CCSL: A078<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF |        |   |    |    | █ 1200 |    |    |    |    |    |        |    |    |    |  |    | █ 0000 |    |    |    |          |      |          |   |         |  |  |  |  |  |  |      |  |  |  |        |  |  |  |  |  |  |  |  |  |  |      |          |          |  |  |  |  |  |  |  |  |    |  |      |  |  |  |  |  |  |  |  |  |  |      |         |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |    |
| FDS MODE  |        |   |    |    |        |    |    |    |    |    |        |    |    |    | CR-5T  |    |        |    |    |    |          |      |          |   |         |  |  |  |  |  |  |      |  |  |  |        |  |  |  |  |  |  |  |  |  |  |      |          |          |  |  |  |  |  |  |  |  |    |  |      |  |  |  |  |  |  |  |  |  |  |      |         |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |    |
| XB DATA RATE(MI)  |        |   |    |    |        |    |    |    |    |    |        |    |    |    | 160(32)  |    |        |    |    |    |          |      |          |   |         |  |  |  |  |  |  |      |  |  |  |        |  |  |  |  |  |  |  |  |  |  |      |          |          |  |  |  |  |  |  |  |  |    |  |      |  |  |  |  |  |  |  |  |  |  |      |         |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |    |
| 31 DSN COVERAGE   |        |   |    |    |        |    |    |    |    |    |        |    |    |    | <table border="0"> <tr> <td>15 [DA]</td><td colspan="10"></td><td>1515</td><td colspan="10"></td><td>0615</td><td>15 [DAR]</td> </tr> <tr> <td>24 [DAR]</td><td colspan="10"></td><td>1515</td><td colspan="10"></td><td>0615</td><td>24 [DA]</td> </tr> <tr> <td colspan="10"></td><td>10</td><td colspan="10"></td><td>40</td><td colspan="10"></td><td>10</td> </tr> <tr> <td colspan="10"></td><td>60</td><td colspan="10"></td><td>2255</td><td colspan="10"></td><td>0450</td> </tr> <tr> <td colspan="10"></td><td></td><td colspan="10"></td><td>65 [DA]</td><td colspan="10"></td><td>0450</td> </tr> <tr> <td colspan="10"></td><td></td><td colspan="10"></td><td>55 [DAR]</td><td colspan="10"></td><td>60</td> </tr> </table> |    |        |    |    |    |          |      |          |   | 15 [DA] |  |  |  |  |  |  |      |  |  |  | 1515   |  |  |  |  |  |  |  |  |  |  | 0615 | 15 [DAR] | 24 [DAR] |  |  |  |  |  |  |  |  |    |  | 1515 |  |  |  |  |  |  |  |  |  |  | 0615 | 24 [DA] |  |  |  |  |  |  |  |  |  |  | 10 |  |  |  |  |  |  |  |  |  |  | 40 |  |  |  |  |  |  |  |  |  |  | 10 |  |  |  |  |  |  |  |  |  |  | 60 |  |  |  |  |  |  |  |  |  |  | 2255 |  |  |  |  |  |  |  |  |  |  | 0450 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 65 [DA] |  |  |  |  |  |  |  |  |  |  | 0450 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 55 [DAR] |  |  |  |  |  |  |  |  |  |  | 60 |
| 15 [DA]   |        |   |    |    |        |    |    |    |    |    | 1515   |    |    |    |  |    |        |    |    |    |          | 0615 | 15 [DAR] |   |         |  |  |  |  |  |  |      |  |  |  |        |  |  |  |  |  |  |  |  |  |  |      |          |          |  |  |  |  |  |  |  |  |    |  |      |  |  |  |  |  |  |  |  |  |  |      |         |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |    |
| 24 [DAR]  |        |   |    |    |        |    |    |    |    |    | 1515   |    |    |    |  |    |        |    |    |    |          | 0615 | 24 [DA]  |   |         |  |  |  |  |  |  |      |  |  |  |        |  |  |  |  |  |  |  |  |  |  |      |          |          |  |  |  |  |  |  |  |  |    |  |      |  |  |  |  |  |  |  |  |  |  |      |         |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |    |
|   |        |   |    |    |        |    |    |    |    | 10 |        |    |    |    |  |    |        |    |    |    | 40       |      |          |   |         |  |  |  |  |  |  | 10   |  |  |  |        |  |  |  |  |  |  |  |  |  |  |      |          |          |  |  |  |  |  |  |  |  |    |  |      |  |  |  |  |  |  |  |  |  |  |      |         |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |    |
|   |        |   |    |    |        |    |    |    |    | 60 |        |    |    |    |  |    |        |    |    |    | 2255     |      |          |   |         |  |  |  |  |  |  | 0450 |  |  |  |        |  |  |  |  |  |  |  |  |  |  |      |          |          |  |  |  |  |  |  |  |  |    |  |      |  |  |  |  |  |  |  |  |  |  |      |         |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |    |
|   |        |   |    |    |        |    |    |    |    |    |        |    |    |    |  |    |        |    |    |    | 65 [DA]  |      |          |   |         |  |  |  |  |  |  | 0450 |  |  |  |        |  |  |  |  |  |  |  |  |  |  |      |          |          |  |  |  |  |  |  |  |  |    |  |      |  |  |  |  |  |  |  |  |  |  |      |         |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |    |
|   |        |   |    |    |        |    |    |    |    |    |        |    |    |    |  |    |        |    |    |    | 55 [DAR] |      |          |   |         |  |  |  |  |  |  | 60   |  |  |  |        |  |  |  |  |  |  |  |  |  |  |      |          |          |  |  |  |  |  |  |  |  |    |  |      |  |  |  |  |  |  |  |  |  |  |      |         |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |    |
| 32 DSN COVERAGE   |        |   |    |    |        |    |    |    |    |    |        |    |    |    | <table border="0"> <tr> <td>1145</td><td colspan="10"></td><td>43 [o]</td><td colspan="10"></td><td>1930</td> </tr> <tr> <td colspan="10"></td><td>40</td><td colspan="10"></td> </tr> </table>  |    |        |    |    |    |          |      |          |   | 1145    |  |  |  |  |  |  |      |  |  |  | 43 [o] |  |  |  |  |  |  |  |  |  |  | 1930 |          |          |  |  |  |  |  |  |  |  | 40 |  |      |  |  |  |  |  |  |  |  |  |  |      |         |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |    |
| 1145  |        |   |    |    |        |    |    |    |    |    | 43 [o] |    |    |    |  |    |        |    |    |    |          | 1930 |          |   |         |  |  |  |  |  |  |      |  |  |  |        |  |  |  |  |  |  |  |  |  |  |      |          |          |  |  |  |  |  |  |  |  |    |  |      |  |  |  |  |  |  |  |  |  |  |      |         |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |    |
|   |        |   |    |    |        |    |    |    |    | 40 |        |    |    |    |  |    |        |    |    |    |          |      |          |   |         |  |  |  |  |  |  |      |  |  |  |        |  |  |  |  |  |  |  |  |  |  |      |          |          |  |  |  |  |  |  |  |  |    |  |      |  |  |  |  |  |  |  |  |  |  |      |         |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |    |
| S/C 32<br>INITIAL CONDITIONS<br>RTLT: 26h 20m 52s<br>CCSL: B151<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF |        |   |    |    | █ 1200 |    |    |    |    |    |        |    |    |    |  |    | █ 0000 |    |    |    |          |      |          |   |         |  |  |  |  |  |  |      |  |  |  |        |  |  |  |  |  |  |  |  |  |  |      |          |          |  |  |  |  |  |  |  |  |    |  |      |  |  |  |  |  |  |  |  |  |  |      |         |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |    |
| FDS MODE  |        |   |    |    |        |    |    |    |    |    |        |    |    |    | CR-5T  |    |        |    |    |    |          |      |          |   |         |  |  |  |  |  |  |      |  |  |  |        |  |  |  |  |  |  |  |  |  |  |      |          |          |  |  |  |  |  |  |  |  |    |  |      |  |  |  |  |  |  |  |  |  |  |      |         |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |    |
| XB DATA RATE(MI)  |        |   |    |    |        |    |    |    |    |    |        |    |    |    | 160(32)  |    |        |    |    |    |          |      |          |   |         |  |  |  |  |  |  |      |  |  |  |        |  |  |  |  |  |  |  |  |  |  |      |          |          |  |  |  |  |  |  |  |  |    |  |      |  |  |  |  |  |  |  |  |  |  |      |         |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |    |
| VGR 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       |  |  |  |  |  |  |      |  |  |  |        |  |  |  |  |  |  |  |  |  |  |      |          |          |  |  |  |  |  |  |  |  |    |  |      |  |  |  |  |  |  |  |  |  |  |      |         |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |    |
| UTC:  | APR 09 |   |    |    |        |    |    |    |    |    |        |    |    |    | APR 10   |    |        |    |    |    |          |      |          |   |         |  |  |  |  |  |  |      |  |  |  |        |  |  |  |  |  |  |  |  |  |  |      |          |          |  |  |  |  |  |  |  |  |    |  |      |  |  |  |  |  |  |  |  |  |  |      |         |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |    |

ISSUE DATE: 04/05/11 17:30



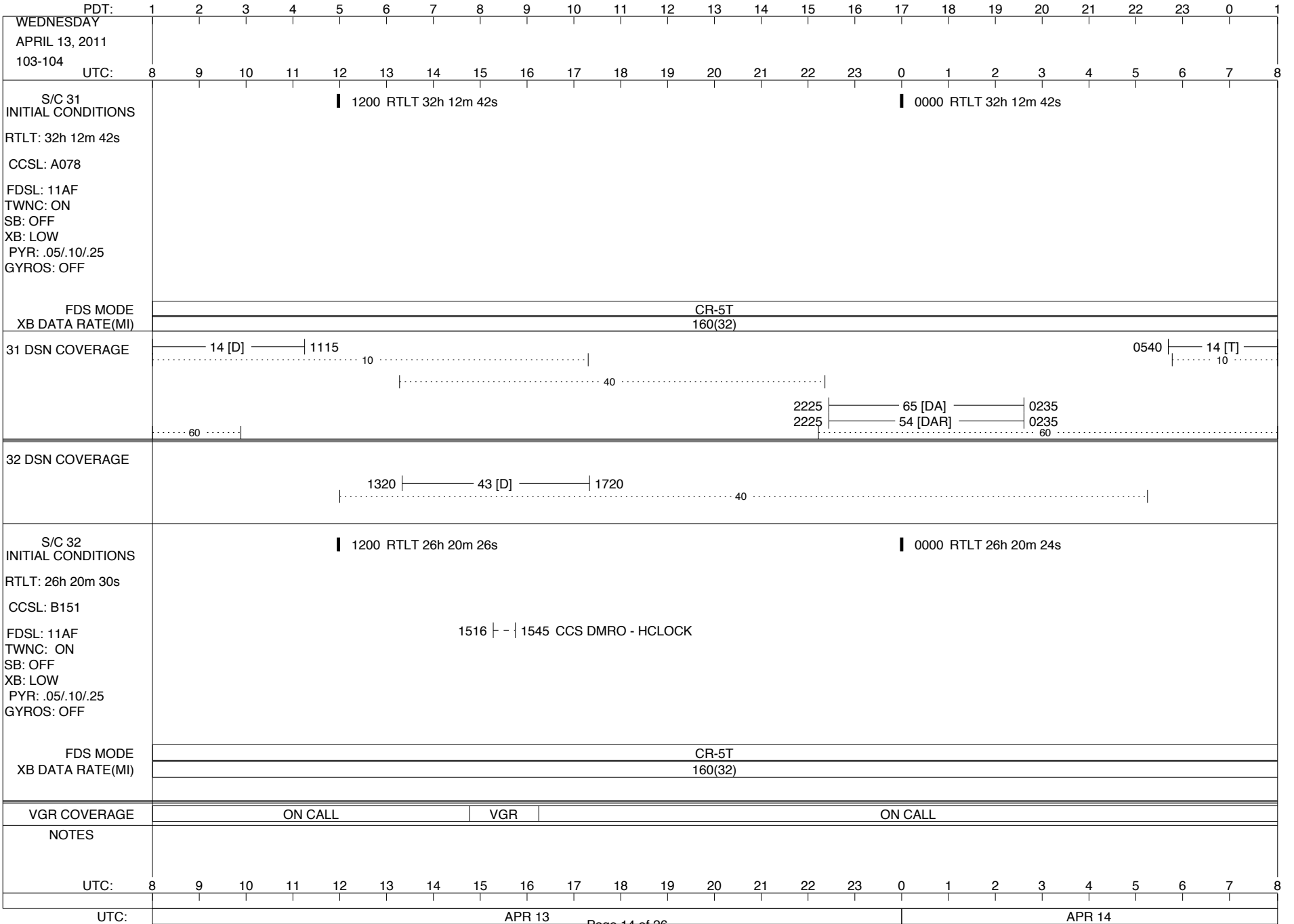
ISSUE DATE: 04/05/11 17:30

| PDT:  | 1                       | 2 | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13   | 14     | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | 1 |  |
|---|-------------------------|---|----|----|----|----|----|----|----|----|----|----|--|--------|----|----|----|----|----|----|----|----|----|---|---|--|
| MONDAY<br>APRIL 11, 2011<br>101-102   |                         |   |    |    |    |    |    |    |    |    |    |    |  |        |    |    |    |    |    |    |    |    |    |   |   |  |
| 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 |  |
| S/C 31<br>INITIAL CONDITIONS<br>RTLT: 32h 12m 46s<br>CCSL: A078<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF | █ 1200 RTLT 32h 12m 46s |   |    |    |    |    |    |    |    |    |    |    | █ 0000 RTLT 32h 12m 44s  |        |    |    |    |    |    |    |    |    |    |   |   |  |
| FDS MODE<br>XB DATA RATE(MI)  |                         |   |    |    |    |    |    |    |    |    |    |    | CR-5T<br>160(32)   |        |    |    |    |    |    |    |    |    |    |   |   |  |
| 31 DSN COVERAGE   | 14 [D]   1120           |   |    |    |    |    |    |    |    |    |    |    | 0535   14 [D]   10   |        |    |    |    |    |    |    |    |    |    |   |   |  |
|   | .....                   |   |    |    |    |    |    |    |    |    |    |    | .....  |        |    |    |    |    |    |    |    |    |    |   |   |  |
|   | 60                      |   |    |    |    |    |    |    |    |    |    |    | 2315   65 [DAR]   0305<br>2315   54 [DA]   0055<br>0055   55 [DA]   0305 |        |    |    |    |    |    |    |    |    |    |   |   |  |
|   | .....                   |   |    |    |    |    |    |    |    |    |    |    | .....  |        |    |    |    |    |    |    |    |    |    |   |   |  |
| 32 DSN COVERAGE   | 1550   45 [D]   2020    |   |    |    |    |    |    |    |    |    |    |    |  |        |    |    |    |    |    |    |    |    |    |   |   |  |
|   | .....                   |   |    |    |    |    |    |    |    |    |    |    | .....  |        |    |    |    |    |    |    |    |    |    |   |   |  |
| S/C 32<br>INITIAL CONDITIONS<br>RTLT: 26h 20m 40s<br>CCSL: B151<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF | █ 1200 RTLT 26h 20m 38s |   |    |    |    |    |    |    |    |    |    |    | █ 0000 RTLT 26h 20m 36s  |        |    |    |    |    |    |    |    |    |    |   |   |  |
| FDS MODE<br>XB DATA RATE(MI)  |                         |   |    |    |    |    |    |    |    |    |    |    | CR-5T<br>160(32)   |        |    |    |    |    |    |    |    |    |    |   |   |  |
| VGR 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 |  |
| UTC:  | APR 11                  |   |    |    |    |    |    |    |    |    |    |    |  | APR 12 |    |    |    |    |    |    |    |    |    |   |   |  |

ISSUE DATE: 04/05/11 17:30

|                              |  |   |   |    |    |    |    |     |    |    |    |    |    |                       |    |    |        |    |    |    |    |    |    |    |   |   |  |  |
|------------------------------|--|---|---|----|----|----|----|-----|----|----|----|----|----|-----------------------|----|----|--------|----|----|----|----|----|----|----|---|---|--|--|
| PDT:                         |  | 1   | 2 | 3  | 4  | 5  | 6  | 7   | 8  | 9  | 10 | 11 | 12 | 13                    | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | 1 |  |  |
| TUESDAY                      |  |   |   |    |    |    |    |     |    |    |    |    |    |                       |    |    |        |    |    |    |    |    |    |    |   |   |  |  |
| APRIL 12, 2011               |  |   |   |    |    |    |    |     |    |    |    |    |    |                       |    |    |        |    |    |    |    |    |    |    |   |   |  |  |
| 102-103                      |  |   |   |    |    |    |    |     |    |    |    |    |    |                       |    |    |        |    |    |    |    |    |    |    |   |   |  |  |
| 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 |  |  |
| S/C 31<br>INITIAL CONDITIONS |  | 1200 RTLT 32h 12m 44s                               |   |    |    |    |    |     |    |    |    |    |    | 0000 RTLT 32h 12m 42s |    |    |        |    |    |    |    |    |    |    |   |   |  |  |
| RTLTL: 32h 12m 44s           |  |   |   |    |    |    |    |     |    |    |    |    |    |                       |    |    |        |    |    |    |    |    |    |    |   |   |  |  |
| CCSL: A078                   |  |   |   |    |    |    |    |     |    |    |    |    |    |                       |    |    |        |    |    |    |    |    |    |    |   |   |  |  |
| FDSL: 11AF                   |  |   |   |    |    |    |    |     |    |    |    |    |    |                       |    |    |        |    |    |    |    |    |    |    |   |   |  |  |
| 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 DSN COVERAGE              |  |   |   |    |    |    |    |     |    |    |    |    |    |                       |    |    |        |    |    |    |    |    |    |    |   |   |  |  |
| 32 DSN COVERAGE              |  |   |   |    |    |    |    |     |    |    |    |    |    |                       |    |    |        |    |    |    |    |    |    |    |   |   |  |  |
| S/C 32<br>INITIAL CONDITIONS |  | 1200 RTLT 26h 20m 32s                               |   |    |    |    |    |     |    |    |    |    |    | 0000 RTLT 26h 20m 30s |    |    |        |    |    |    |    |    |    |    |   |   |  |  |
| RTLTL: 26h 20m 36s           |  |   |   |    |    |    |    |     |    |    |    |    |    |                       |    |    |        |    |    |    |    |    |    |    |   |   |  |  |
| CCSL: B151                   |  |   |   |    |    |    |    |     |    |    |    |    |    |                       |    |    |        |    |    |    |    |    |    |    |   |   |  |  |
| FDSL: 11AF                   |  |   |   |    |    |    |    |     |    |    |    |    |    |                       |    |    |        |    |    |    |    |    |    |    |   |   |  |  |
| TWNC: ON                     |  |   |   |    |    |    |    |     |    |    |    |    |    |                       |    |    |        |    |    |    |    |    |    |    |   |   |  |  |
| SB: OFF                      |  |   |   |    |    |    |    |     |    |    |    |    |    |                       |    |    |        |    |    |    |    |    |    |    |   |   |  |  |
| XB: LOW                      |  |   |   |    |    |    |    |     |    |    |    |    |    |                       |    |    |        |    |    |    |    |    |    |    |   |   |  |  |
| PYR: .05/.10/.25             |  |   |   |    |    |    |    |     |    |    |    |    |    |                       |    |    |        |    |    |    |    |    |    |    |   |   |  |  |
| GYROS: OFF                   |  |   |   |    |    |    |    |     |    |    |    |    |    |                       |    |    |        |    |    |    |    |    |    |    |   |   |  |  |
| FDS MODE                     |  |   |   |    |    |    |    |     |    |    |    |    |    | CR-5T                 |    |    |        |    |    |    |    |    |    |    |   |   |  |  |
| XB DATA RATE(MI)             |  |   |   |    |    |    |    |     |    |    |    |    |    | 160(32)               |    |    |        |    |    |    |    |    |    |    |   |   |  |  |
| VGR COVERAGE                 |  | ON CALL   |   |    |    |    |    | VGR |    |    |    |    |    | ON CALL               |    |    |        |    |    |    |    |    |    |    |   |   |  |  |
| NOTES                        |  | [1] S/C 31=GS-4B @ 1712 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 |  |  |
| UTC:                         |  | APR 12  |   |    |    |    |    |     |    |    |    |    |    |                       |    |    | APR 13 |    |    |    |    |    |    |    |   |   |  |  |

ISSUE DATE: 04/05/11 17:30



ISSUE DATE: 04/05/11 17:30

| PDT:   | 1      | 2 | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15     | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | 1 |  |
|--|--------|---|----|----|----|----|----|----|----|----|----|----|----|----|--------|----|----|----|----|----|----|----|----|---|---|--|
| 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 |  |
| THURSDAY<br>APRIL 14, 2011<br>104-105  |        |   |    |    |    |    |    |    |    |    |    |    |    |    |        |    |    |    |    |    |    |    |    |   |   |  |
| S/C 31<br>INITIAL CONDITIONS<br>RTLTL: 32h 12m 42s<br>CCSL: A078<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF |        |   |    |    |    |    |    |    |    |    |    |    |    |    |        |    |    |    |    |    |    |    |    |   |   |  |
| FDS MODE<br>XB DATA RATE(MI)   |        |   |    |    |    |    |    |    |    |    |    |    |    |    |        |    |    |    |    |    |    |    |    |   |   |  |
| 31 DSN COVERAGE  |        |   |    |    |    |    |    |    |    |    |    |    |    |    |        |    |    |    |    |    |    |    |    |   |   |  |
| 32 DSN COVERAGE  |        |   |    |    |    |    |    |    |    |    |    |    |    |    |        |    |    |    |    |    |    |    |    |   |   |  |
| S/C 32<br>INITIAL CONDITIONS<br>RTLTL: 26h 20m 24s<br>CCSL: B151<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF |        |   |    |    |    |    |    |    |    |    |    |    |    |    |        |    |    |    |    |    |    |    |    |   |   |  |
| FDS MODE<br>XB DATA RATE(MI)   |        |   |    |    |    |    |    |    |    |    |    |    |    |    |        |    |    |    |    |    |    |    |    |   |   |  |
| VGR COVERAGE   |        |   |    |    |    |    |    |    |    |    |    |    |    |    |        |    |    |    |    |    |    |    |    |   |   |  |
| 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 |  |
| UTC:   | APR 14 |   |    |    |    |    |    |    |    |    |    |    |    |    | APR 15 |    |    |    |    |    |    |    |    |   |   |  |



ISSUE DATE: 04/05/11 17:30

| PDT:                                | 1   | 2 | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13                     | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | 1 |  |
|-------------------------------------|---|---|----|----|----|----|----|----|----|----|----|----|------------------------|----|----|----|----|----|----|----|----|----|----|---|---|--|
| FRIDAY<br>APRIL 15, 2011<br>105-106 |   |   |    |    |    |    |    |    |    |    |    |    |                        |    |    |    |    |    |    |    |    |    |    |   |   |  |
| 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 |  |
| S/C 31<br>INITIAL CONDITIONS        | 1200 RTLT 32h 12m 40s                               |   |    |    |    |    |    |    |    |    |    |    | 0000 RTLT 32h 12m 40s  |    |    |    |    |    |    |    |    |    |    |   |   |  |
| RTLT: 32h 12m 40s                   |   |   |    |    |    |    |    |    |    |    |    |    |                        |    |    |    |    |    |    |    |    |    |    |   |   |  |
| CCSL: A078                          | ----- TLC (LONG-FORM) -----                         |   |    |    |    |    |    |    |    |    |    |    | D/L -   2016           |    |    |    |    |    |    |    |    |    |    |   |   |  |
| FDSL: 11AF                          |   |   |    |    |    |    |    |    |    |    |    |    | 2010     2024 TAPPOS   |    |    |    |    |    |    |    |    |    |    |   |   |  |
| TWNC: ON                            |   |   |    |    |    |    |    |    |    |    |    |    | 2312   2313 PWS/RH     |    |    |    |    |    |    |    |    |    |    |   |   |  |
| SB: OFF                             |   |   |    |    |    |    |    |    |    |    |    |    | 0120   -   0148 TAPPOS |    |    |    |    |    |    |    |    |    |    |   |   |  |
| XB: LOW                             |   |   |    |    |    |    |    |    |    |    |    |    |                        |    |    |    |    |    |    |    |    |    |    |   |   |  |
| PYR: .05/.10/.25                    |   |   |    |    |    |    |    |    |    |    |    |    |                        |    |    |    |    |    |    |    |    |    |    |   |   |  |
| GYROS: OFF                          |   |   |    |    |    |    |    |    |    |    |    |    |                        |    |    |    |    |    |    |    |    |    |    |   |   |  |
| FDS MODE                            | CR-5T   |   |    |    |    |    |    |    |    |    |    |    | CR-5T                  |    |    |    |    |    |    |    |    |    |    |   |   |  |
| XB DATA RATE(MI)                    | 160(32)   |   |    |    |    |    |    |    |    |    |    |    | 160(32)                |    |    |    |    |    |    |    |    |    |    |   |   |  |
| 31 DSN COVERAGE                     | 14 [D] -----   1110                                 |   |    |    |    |    |    |    |    |    |    |    | 0600   15 [DAR] -----  |    |    |    |    |    |    |    |    |    |    |   |   |  |
|                                     | ----- 10 -----                                      |   |    |    |    |    |    |    |    |    |    |    | 0600   26 [DA] -----   |    |    |    |    |    |    |    |    |    |    |   |   |  |
|                                     | ----- 40 -----                                      |   |    |    |    |    |    |    |    |    |    |    | ----- 10 -----         |    |    |    |    |    |    |    |    |    |    |   |   |  |
|                                     | ----- 60 -----                                      |   |    |    |    |    |    |    |    |    |    |    | ----- 60 -----         |    |    |    |    |    |    |    |    |    |    |   |   |  |
| 32 DSN COVERAGE                     | 1255   43 [D] -----   1515                          |   |    |    |    |    |    |    |    |    |    |    |                        |    |    |    |    |    |    |    |    |    |    |   |   |  |
|                                     | ----- 1455   45 [D] -----   1700                    |   |    |    |    |    |    |    |    |    |    |    |                        |    |    |    |    |    |    |    |    |    |    |   |   |  |
|                                     | ----- 40 -----                                      |   |    |    |    |    |    |    |    |    |    |    |                        |    |    |    |    |    |    |    |    |    |    |   |   |  |
| S/C 32<br>INITIAL CONDITIONS        | 1200 RTLT 26h 20m 16s                               |   |    |    |    |    |    |    |    |    |    |    | 0000 RTLT 26h 20m 12s  |    |    |    |    |    |    |    |    |    |    |   |   |  |
| RTLT: 26h 20m 18s                   |   |   |    |    |    |    |    |    |    |    |    |    |                        |    |    |    |    |    |    |    |    |    |    |   |   |  |
| CCSL: B151                          |   |   |    |    |    |    |    |    |    |    |    |    |                        |    |    |    |    |    |    |    |    |    |    |   |   |  |
| FDSL: 11AF                          |   |   |    |    |    |    |    |    |    |    |    |    |                        |    |    |    |    |    |    |    |    |    |    |   |   |  |
| TWNC: ON                            |   |   |    |    |    |    |    |    |    |    |    |    |                        |    |    |    |    |    |    |    |    |    |    |   |   |  |
| SB: OFF                             |   |   |    |    |    |    |    |    |    |    |    |    |                        |    |    |    |    |    |    |    |    |    |    |   |   |  |
| XB: LOW                             |   |   |    |    |    |    |    |    |    |    |    |    |                        |    |    |    |    |    |    |    |    |    |    |   |   |  |
| PYR: .05/.10/.25                    |   |   |    |    |    |    |    |    |    |    |    |    |                        |    |    |    |    |    |    |    |    |    |    |   |   |  |
| GYROS: OFF                          |   |   |    |    |    |    |    |    |    |    |    |    |                        |    |    |    |    |    |    |    |    |    |    |   |   |  |
| FDS MODE                            |   |   |    |    |    |    |    |    |    |    |    |    | CR-5T                  |    |    |    |    |    |    |    |    |    |    |   |   |  |
| XB DATA RATE(MI)                    |   |   |    |    |    |    |    |    |    |    |    |    | 160(32)                |    |    |    |    |    |    |    |    |    |    |   |   |  |
| VGR COVERAGE                        | ON CALL   |   |    |    |    |    |    |    |    |    |    |    |                        |    |    |    |    |    |    |    |    |    |    |   |   |  |
| NOTES                               | [1] S/C 31=GS-4B @ 2312 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 |  |
| UTC:                                | APR 15  |   |    |    |    |    |    |    |    |    |    |    | APR 16                 |    |    |    |    |    |    |    |    |    |    |   |   |  |

ISSUE DATE: 04/05/11 17:30

| PDT:  | 1   | 2 | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13  | 14     | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | 1 |  |
|---|---|---|----|----|----|----|----|----|----|----|----|----|---|--------|----|----|----|----|----|----|----|----|----|---|---|--|
| SATURDAY<br>APRIL 16, 2011<br>106-107   |   |   |    |    |    |    |    |    |    |    |    |    |   |        |    |    |    |    |    |    |    |    |    |   |   |  |
| 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 |  |
| S/C 31<br>INITIAL CONDITIONS<br>RTLT: 32h 12m 40s<br>CCSL: A078<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF | █ 1200 RTLT 32h 12m 38s   |   |    |    |    |    |    |    |    |    |    |    | █ 0000 RTLT 32h 12m 38s                                 |        |    |    |    |    |    |    |    |    |    |   |   |  |
| FDS MODE  |   |   |    |    |    |    |    |    |    |    |    |    | CR-5T   |        |    |    |    |    |    |    |    |    |    |   |   |  |
| XB DATA RATE(MI)  |   |   |    |    |    |    |    |    |    |    |    |    | 160(32)   |        |    |    |    |    |    |    |    |    |    |   |   |  |
| 31 DSN COVERAGE   | 15 [DAR]   1000<br>26 [DA]   1000<br>..... 10 ..... <br>  ..... 40 ..... <br>..... 60 ..... |   |    |    |    |    |    |    |    |    |    |    | 0535   15 [DAR]  <br>0535   25 [DA]  <br>..... 10 ..... |        |    |    |    |    |    |    |    |    |    |   |   |  |
| 32 DSN COVERAGE   | 1245   ..... 45 [D] .....  1720<br>  ..... 40 .....   |   |    |    |    |    |    |    |    |    |    |    |   |        |    |    |    |    |    |    |    |    |    |   |   |  |
| S/C 32<br>INITIAL CONDITIONS<br>RTLT: 26h 20m 12s<br>CCSL: B151<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF | █ 1200 RTLT 26h 20m 10s   |   |    |    |    |    |    |    |    |    |    |    | █ 0000 RTLT 26h 20m 8s                                  |        |    |    |    |    |    |    |    |    |    |   |   |  |
| FDS MODE  |   |   |    |    |    |    |    |    |    |    |    |    | CR-5T   |        |    |    |    |    |    |    |    |    |    |   |   |  |
| XB DATA RATE(MI)  |   |   |    |    |    |    |    |    |    |    |    |    | 160(32)   |        |    |    |    |    |    |    |    |    |    |   |   |  |
| VGR 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 |  |
| UTC:  | APR 16  |   |    |    |    |    |    |    |    |    |    |    |   | APR 17 |    |    |    |    |    |    |    |    |    |   |   |  |

| PDT:  | 1  | 2 | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14   | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | 1 |  |  |
|---|--|---|----|----|----|----|----|----|----|----|----|----|----|--|----|----|----|----|----|----|----|----|----|---|---|--|--|
| SUNDAY<br>APRIL 17, 2011<br>107-108   |  |   |    |    |    |    |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |    |    |   |   |  |  |
| 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 |  |  |
| S/C 31<br>INITIAL CONDITIONS<br>RTLT: 32h 12m 38s<br>CCSL: A078<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF | <div style="text-align: center;"> <span style="font-size: 2em;">█</span> 1200 RTLT 32h 12m 38s         </div>  |   |    |    |    |    |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |    |    |   |   |  |  |
| FDS MODE<br>XB DATA RATE(MI)  |  |   |    |    |    |    |    |    |    |    |    |    |    | CR-5T<br>160(32)   |    |    |    |    |    |    |    |    |    |   |   |  |  |
| 31 DSN COVERAGE   | <p>31 DSN COVERAGE</p> <p>15 [DAR] 1200 25 [DAR] 0535 25 [DAR]</p> <p>25 [DA] 1200 0535 26 [DA]</p> <p>10 40 2200 65 [DAR] 0145 10</p> <p>2200 55 [DA] 0145 60</p> |   |    |    |    |    |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |    |    |   |   |  |  |
| 32 DSN COVERAGE   | <p>32 DSN COVERAGE</p> <p>1415 45 [D] 1955 40</p>  |   |    |    |    |    |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |    |    |   |   |  |  |
| S/C 32<br>INITIAL CONDITIONS<br>RTLT: 26h 20m 8s<br>CCSL: B151<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF  | <div style="text-align: center;"> <span style="font-size: 2em;">█</span> 1200 RTLT 26h 20m 4s         </div>   |   |    |    |    |    |    |    |    |    |    |    |    | <div style="text-align: center;"> <span style="font-size: 2em;">█</span> 0000 RTLT 26h 20m 2s         </div> |    |    |    |    |    |    |    |    |    |   |   |  |  |
| FDS MODE<br>XB DATA RATE(MI)  |  |   |    |    |    |    |    |    |    |    |    |    |    | CR-5T<br>160(32)   |    |    |    |    |    |    |    |    |    |   |   |  |  |
| VGR 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 |  |  |
| UTC:  | APR 17   |   |    |    |    |    |    |    |    |    |    |    |    | APR 18   |    |    |    |    |    |    |    |    |    |   |   |  |  |

ISSUE DATE: 04/05/11 17:30

| PDT:  | 1                                    | 2 | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14                      | 15 | 16 | 17 | 18      | 19 | 20 | 21 | 22 | 23 | 0 | 1      |  |  |
|---|--------------------------------------|---|----|----|----|----|----|----|----|----|----|----|----|-------------------------|----|----|----|---------|----|----|----|----|----|---|--------|--|--|
| MONDAY<br>APRIL 18, 2011<br>108-109   |                                      |   |    |    |    |    |    |    |    |    |    |    |    |                         |    |    |    |         |    |    |    |    |    |   |        |  |  |
| 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      |  |  |
| S/C 31<br>INITIAL CONDITIONS<br>RTLT: 32h 12m 38s<br>CCSL: A078<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF | ↓ 0116 BEGIN SEQUENCE A079           |   |    |    |    |    |    |    |    |    |    |    |    |                         |    |    |    |         |    |    |    |    |    |   |        |  |  |
| FDS MODE  |                                      |   |    |    |    |    |    |    |    |    |    |    |    | CR-5T                   |    |    |    |         |    |    |    |    |    |   |        |  |  |
| XB DATA RATE(MI)  |                                      |   |    |    |    |    |    |    |    |    |    |    |    | 160(32)                 |    |    |    |         |    |    |    |    |    |   |        |  |  |
| 31 DSN COVERAGE   |                                      |   |    |    |    |    |    |    |    |    |    |    |    |                         |    |    |    |         |    |    |    |    |    |   |        |  |  |
| 32 DSN COVERAGE   |                                      |   |    |    |    |    |    |    |    |    |    |    |    |                         |    |    |    |         |    |    |    |    |    |   |        |  |  |
| S/C 32<br>INITIAL CONDITIONS<br>RTLT: 26h 20m 2s<br>CCSL: B151<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF  | █ 1200 RTLT 26h 19m 58s              |   |    |    |    |    |    |    |    |    |    |    |    | █ 0000 RTLT 26h 19m 56s |    |    |    |         |    |    |    |    |    |   |        |  |  |
| FDS MODE  |                                      |   |    |    |    |    |    |    |    |    |    |    |    | CR-5T                   |    |    |    |         |    |    |    |    |    |   |        |  |  |
| XB DATA RATE(MI)  |                                      |   |    |    |    |    |    |    |    |    |    |    |    | 160(32)                 |    |    |    |         |    |    |    |    |    |   |        |  |  |
| VGR COVERAGE  | ON CALL                              |   |    |    |    |    |    |    |    |    |    |    |    | VGR                     |    |    |    | ON CALL |    |    |    |    |    |   |        |  |  |
| NOTES   | ▼ 1552 DUMMY (5 MIN BRACKETED 18:12) |   |    |    |    |    |    |    |    |    |    |    |    |                         |    |    |    |         |    |    |    |    |    |   |        |  |  |
| 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      |  |  |
| UTC:  | APR 18                               |   |    |    |    |    |    |    |    |    |    |    |    | Page 19 of 26           |    |    |    |         |    |    |    |    |    |   | APR 19 |  |  |

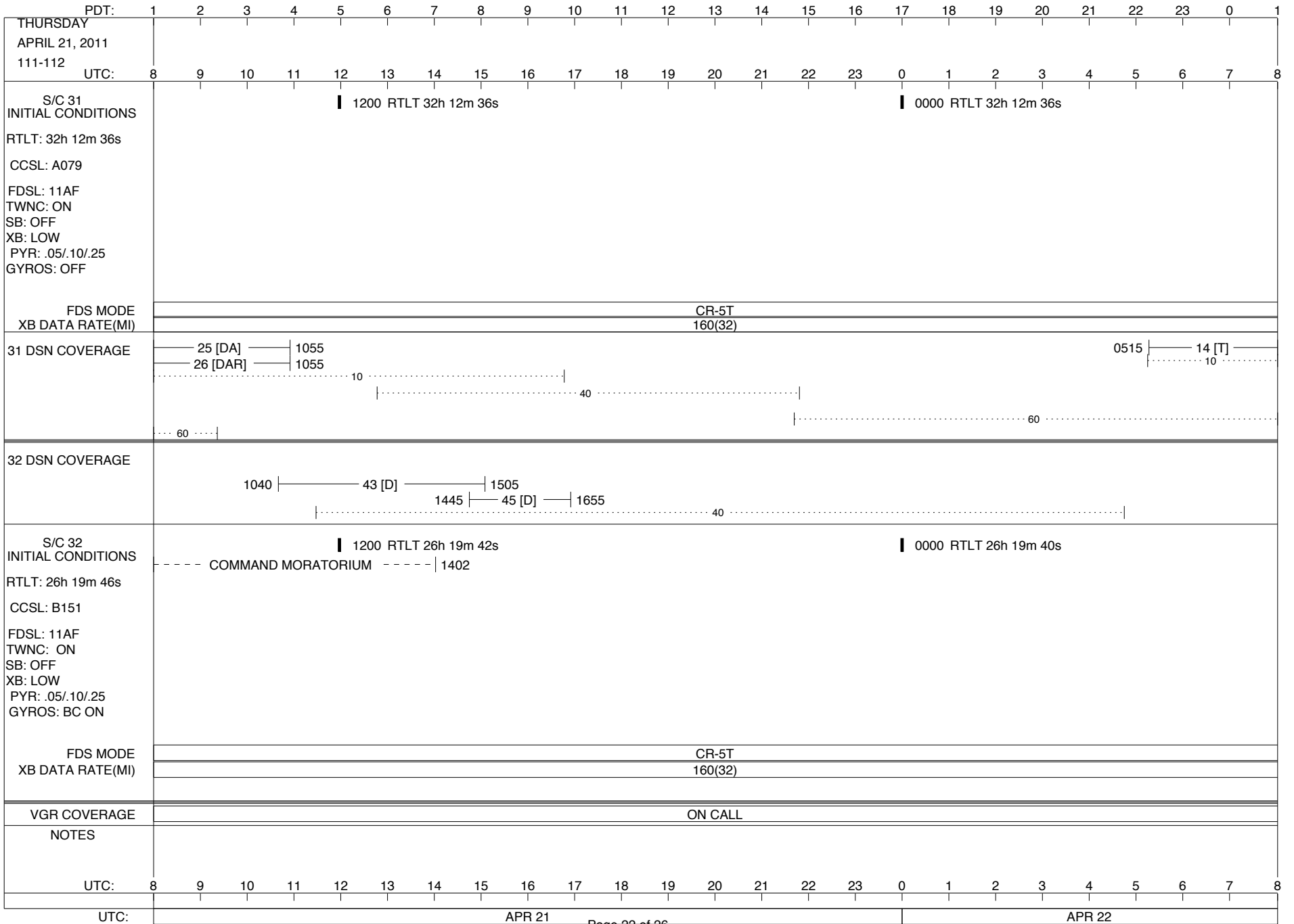
ISSUE DATE: 04/05/11 17:30

|   |  |   |   |    |    |    |    |    |    |    |    |   |    |    |                         |        |    |    |    |    |    |   |    |    |    |   |   |  |  |  |  |
|---|--|---|---|----|----|----|----|----|----|----|----|---|----|----|-------------------------|--------|----|----|----|----|----|---|----|----|----|---|---|--|--|--|--|
| TUESDAY<br>APRIL 19, 2011<br>109-110  |  | PDT:  | 1 | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10  | 11 | 12 | 13                      | 14     | 15 | 16 | 17 | 18 | 19 | 20  | 21 | 22 | 23 | 0 | 1 |  |  |  |  |
| 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 |   |  |  |  |  |
| S/C 31<br>INITIAL CONDITIONS<br>RTLT: 32h 12m 38s<br>CCSL: A079<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF |  | █ 1200 RTLT 32h 12m 36s                             |   |    |    |    |    |    |    |    |    |   |    |    | █ 0000 RTLT 32h 12m 36s |        |    |    |    |    |    |   |    |    |    |   |   |  |  |  |  |
| FDS MODE  |  | CR-5T   |   |    |    |    |    |    |    |    |    |   |    |    | CR-5T                   |        |    |    |    |    |    |   |    |    |    |   |   |  |  |  |  |
| XB DATA RATE(MI)  |  | 160(32)   |   |    |    |    |    |    |    |    |    |   |    |    | 160(32)                 |        |    |    |    |    |    |   |    |    |    |   |   |  |  |  |  |
| 31 DSN COVERAGE   |  | 14 [D]   1145  <br>..... <br> ..... <br>.....       |   |    |    |    |    |    |    |    |    | 40  .....                                       |    |    |                         |        |    |    |    |    |    | 0525   14 [D]  <br>..... <br> ..... <br>..... |    |    |    |   |   |  |  |  |  |
|   |  | 60  .....   |   |    |    |    |    |    |    |    |    | 2250   55 [DAR]   0135<br>2250   54 [DA]   0135 |    |    |                         |        |    |    |    |    |    | 60  .....                                     |    |    |    |   |   |  |  |  |  |
| 32 DSN COVERAGE   |  | 1045   43 [D]   1650<br> .....                      |   |    |    |    |    |    |    |    |    | 1630   34 [D]   2155<br> .....                  |    |    |                         |        |    |    |    |    |    | 40  .....                                     |    |    |    |   |   |  |  |  |  |
| S/C 32<br>INITIAL CONDITIONS<br>RTLT: 26h 19m 56s<br>CCSL: B151<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF |  | █ 1200 RTLT 26h 19m 54s                             |   |    |    |    |    |    |    |    |    |   |    |    | █ 0000 RTLT 26h 19m 50s |        |    |    |    |    |    |   |    |    |    |   |   |  |  |  |  |
|   |  | 1431  ----- COMMAND MORATORIUM -----                |   |    |    |    |    |    |    |    |    |   |    |    |                         |        |    |    |    |    |    |   |    |    |    |   |   |  |  |  |  |
| FDS MODE  |  | CR-5T   |   |    |    |    |    |    |    |    |    |   |    |    | CR-5T                   |        |    |    |    |    |    |   |    |    |    |   |   |  |  |  |  |
| XB DATA RATE(MI)  |  | 160(32)   |   |    |    |    |    |    |    |    |    |   |    |    | 160(32)                 |        |    |    |    |    |    |   |    |    |    |   |   |  |  |  |  |
| VGR COVERAGE  |  | ON CALL   |   |    |    |    |    |    |    |    |    |   |    |    |                         |        |    |    |    |    |    |   |    |    |    |   |   |  |  |  |  |
| NOTES   |  | [1] S/C 31=GS-4B @ 1648 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 |   |  |  |  |  |
| UTC:  |  | APR 19  |   |    |    |    |    |    |    |    |    |   |    |    |                         | APR 20 |    |    |    |    |    |   |    |    |    |   |   |  |  |  |  |

ISSUE DATE: 04/05/11 17:30

| PDT:  | 1  | 2 | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15   | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | 1 |  |  |  |
|---|--|---|----|----|----|----|----|----|----|----|----|----|----|----|--|----|----|----|----|----|----|----|----|---|---|--|--|--|
| 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 |  |  |  |
| WEDNESDAY<br>APRIL 20, 2011<br>110-111  |  |   |    |    |    |    |    |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |    |   |   |  |  |  |
| S/C 31<br>INITIAL CONDITIONS<br>RTLT: 32h 12m 36s<br>CCSL: A079<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF | █ 1200 RTLT 32h 12m 36s  |   |    |    |    |    |    |    |    |    |    |    |    |    | █ 0000 RTLT 32h 12m 36s  |    |    |    |    |    |    |    |    |   |   |  |  |  |
| FDS MODE<br>XB DATA RATE(MI)  |  |   |    |    |    |    |    |    |    |    |    |    |    |    | CR-5T<br>160(32)   |    |    |    |    |    |    |    |    |   |   |  |  |  |
| 31 DSN COVERAGE   | 14 [D]   1115<br>..... <br>.....  40 .....                       |   |    |    |    |    |    |    |    |    |    |    |    |    | 0520   25 [DA]  <br>0520   26 [DAR]  <br>.....  10 .....         |    |    |    |    |    |    |    |    |   |   |  |  |  |
|   | .....60 .....  |   |    |    |    |    |    |    |    |    |    |    |    |    | 2205   65 [DA]   0130<br>2205   55 [DAR]   0130<br>.....60 ..... |    |    |    |    |    |    |    |    |   |   |  |  |  |
| 32 DSN COVERAGE   | 1235   45 [D]   1655<br>.....  40 .....                          |   |    |    |    |    |    |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |    |   |   |  |  |  |
| S/C 32<br>INITIAL CONDITIONS<br>RTLT: 26h 19m 50s<br>CCSL: B151<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF | █ 1200 RTLT 26h 19m 48s  |   |    |    |    |    |    |    |    |    |    |    |    |    | █ 0000 RTLT 26h 19m 46s  |    |    |    |    |    |    |    |    |   |   |  |  |  |
|   | ----- COMMAND MORATORIUM -----                                   |   |    |    |    |    |    |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |    |   |   |  |  |  |
|   | ↓ 1621 GYROS BC ON<br>↓ 1622 GYRO INIT<br>↓ 1631 GYRO FAULT TEST |   |    |    |    |    |    |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |    |   |   |  |  |  |
| FDS MODE<br>XB DATA RATE(MI)  |  |   |    |    |    |    |    |    |    |    |    |    |    |    | CR-5T<br>160(32)   |    |    |    |    |    |    |    |    |   |   |  |  |  |
| VGR 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 |  |  |  |
| UTC:  | APR 20   |   |    |    |    |    |    |    |    |    |    |    |    |    | APR 21   |    |    |    |    |    |    |    |    |   |   |  |  |  |

ISSUE DATE: 04/05/11 17:30

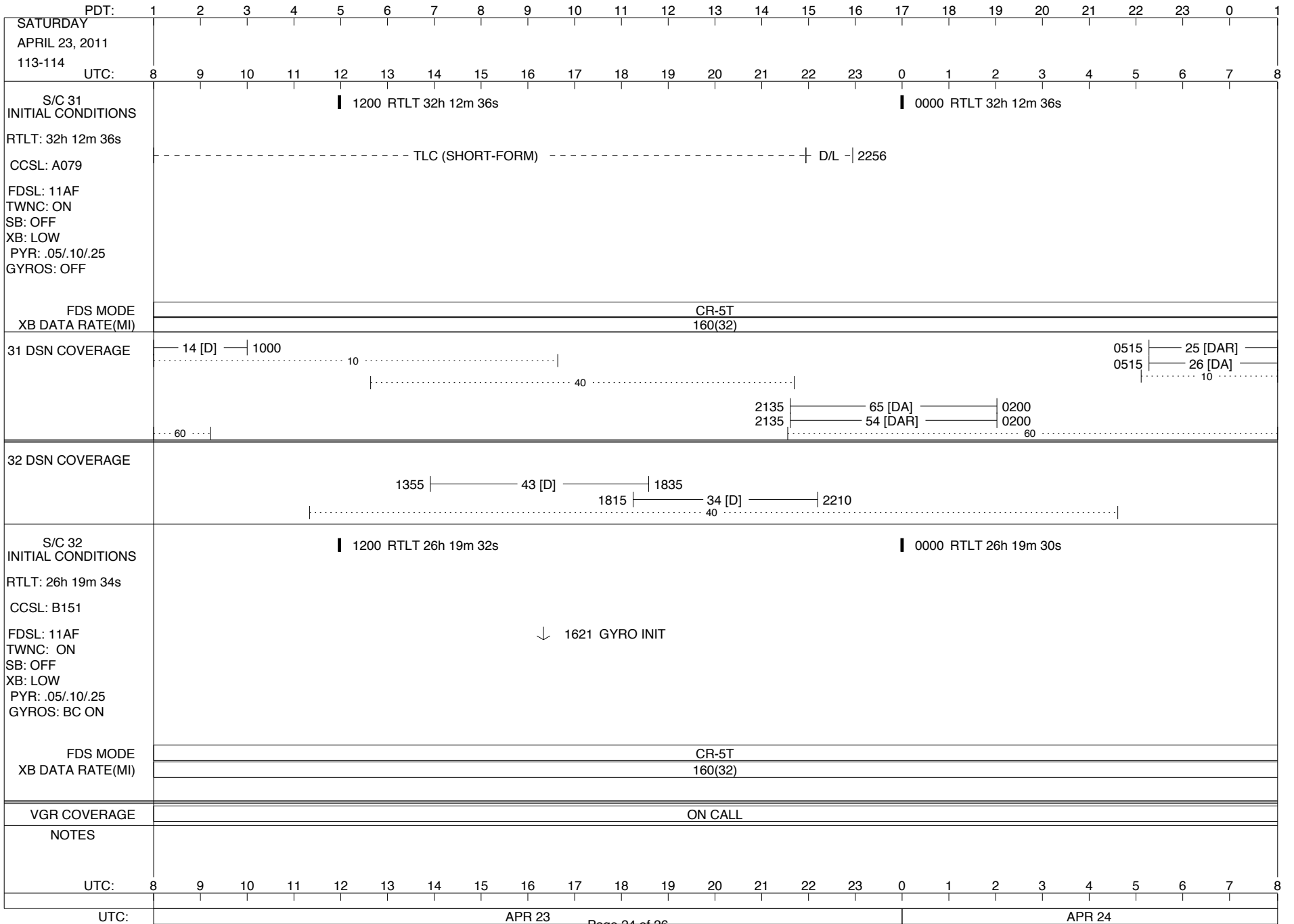


ISSUE DATE: 04/05/11 17:30

| PDT:   | 1  | 2 | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15                     | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | 1 |  |  |  |
|--|--|---|----|----|----|----|----|----|----|----|----|----|----|----|------------------------|----|----|----|----|----|----|----|----|---|---|--|--|--|
| 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 |  |  |  |
| FRIDAY<br>APRIL 22, 2011<br>112-113  |  |   |    |    |    |    |    |    |    |    |    |    |    |    |                        |    |    |    |    |    |    |    |    |   |   |  |  |  |
| S/C 31<br>INITIAL CONDITIONS<br>RTLTL: 32h 12m 36s<br>CCSL: A079<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF   | 1200 RTLTL 32h 12m 36s   |   |    |    |    |    |    |    |    |    |    |    |    |    | 0000 RTLTL 32h 12m 36s |    |    |    |    |    |    |    |    |   |   |  |  |  |
| FDS MODE<br>XB DATA RATE(MI)   | CR-5T<br>160(32)   |   |    |    |    |    |    |    |    |    |    |    |    |    | CR-5T<br>160(32)       |    |    |    |    |    |    |    |    |   |   |  |  |  |
| 31 DSN COVERAGE  | <p>14 [T]  -----  1345</p> <p>..... -----  40</p> <p>..... -----  2145</p> <p>..... -----  65 [DA]  -----  0205</p> <p>..... -----  54 [DAR]  -----  0205</p> <p>..... -----  60</p> <p>0510  -----  14 [D]  ----- </p> <p>..... -----  10</p> |   |    |    |    |    |    |    |    |    |    |    |    |    |                        |    |    |    |    |    |    |    |    |   |   |  |  |  |
| 32 DSN COVERAGE  | <p>1255  -----  43 [D]  -----  1710</p> <p>..... -----  1650  -----  45 [D]  -----  1845</p> <p>..... -----  40</p>  |   |    |    |    |    |    |    |    |    |    |    |    |    |                        |    |    |    |    |    |    |    |    |   |   |  |  |  |
| S/C 32<br>INITIAL CONDITIONS<br>RTLTL: 26h 19m 40s<br>CCSL: B151<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: BC ON | 1200 RTLTL 26h 19m 38s   |   |    |    |    |    |    |    |    |    |    |    |    |    | 0000 RTLTL 26h 19m 34s |    |    |    |    |    |    |    |    |   |   |  |  |  |
| FDS MODE<br>XB DATA RATE(MI)   | CR-5T<br>160(32)   |   |    |    |    |    |    |    |    |    |    |    |    |    |                        |    |    |    |    |    |    |    |    |   |   |  |  |  |
| VGR COVERAGE   | ON CALL  |   |    |    |    |    |    |    |    |    |    |    |    |    |                        |    |    |    |    |    |    |    |    |   |   |  |  |  |
| NOTES  | [1] S/C 31=GS-4B @ 2248 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 |  |  |  |
| UTC:   | APR 22   |   |    |    |    |    |    |    |    |    |    |    |    |    | APR 23                 |    |    |    |    |    |    |    |    |   |   |  |  |  |



ISSUE DATE: 04/05/11 17:30



ISSUE DATE: 04/05/11 17:30

| PDT:  | 1   | 2 | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13                                | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | 1 |  |
|---|---|---|----|----|----|----|----|----|----|----|----|----|-----------------------------------|----|----|----|----|----|----|----|----|----|----|---|---|--|
| SUNDAY<br>APRIL 24, 2011<br>114-115   |   |   |    |    |    |    |    |    |    |    |    |    |                                   |    |    |    |    |    |    |    |    |    |    |   |   |  |
| 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 |  |
| S/C 31<br>INITIAL CONDITIONS<br>RTLT: 32h 12m 36s<br>CCSL: A079<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF   | █ 1200 RTLT 32h 12m 36s   |   |    |    |    |    |    |    |    |    |    |    | █ 0000 RTLT 32h 12m 36s           |    |    |    |    |    |    |    |    |    |    |   |   |  |
| FDS MODE  | CR-5T   |   |    |    |    |    |    |    |    |    |    |    | CR-5T                             |    |    |    |    |    |    |    |    |    |    |   |   |  |
| XB DATA RATE(MI)  | 160(32)   |   |    |    |    |    |    |    |    |    |    |    | 160(32)                           |    |    |    |    |    |    |    |    |    |    |   |   |  |
| 31 DSN COVERAGE   | 25 [DAR]   1000<br>26 [DA]   1000<br>..... 10 .....<br>..... 40 .....<br>..... 60 ..... |   |    |    |    |    |    |    |    |    |    |    | 0505   14 [D]  <br>..... 10 ..... |    |    |    |    |    |    |    |    |    |    |   |   |  |
| 32 DSN COVERAGE   | 1215   45 [D]   1435<br>1415   43 [D]   1835<br>..... 40 .....                          |   |    |    |    |    |    |    |    |    |    |    |                                   |    |    |    |    |    |    |    |    |    |    |   |   |  |
| S/C 32<br>INITIAL CONDITIONS<br>RTLT: 26h 19m 30s<br>CCSL: B151<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: BC ON | █ 1200 RTLT 26h 19m 26s   |   |    |    |    |    |    |    |    |    |    |    | █ 0000 RTLT 26h 19m 24s           |    |    |    |    |    |    |    |    |    |    |   |   |  |
| FDS MODE  | CR-5T   |   |    |    |    |    |    |    |    |    |    |    | CR-5T                             |    |    |    |    |    |    |    |    |    |    |   |   |  |
| XB DATA RATE(MI)  | 160(32)   |   |    |    |    |    |    |    |    |    |    |    | 160(32)                           |    |    |    |    |    |    |    |    |    |    |   |   |  |
| VGR COVERAGE  | ON CALL   |   |    |    |    |    |    |    |    |    |    |    | 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 |  |
| UTC:  | APR 24  |   |    |    |    |    |    |    |    |    |    |    | APR 25                            |    |    |    |    |    |    |    |    |    |    |   |   |  |

ISSUE DATE: 04/05/11 17:30

| PDT:  | 1                       | 2 | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14      | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | 1 |  |  |
|---|-------------------------|---|----|----|----|----|----|----|----|----|----|----|----|---------|----|----|----|----|----|----|----|----|----|---|---|--|--|
| MONDAY<br>APRIL 25, 2011<br>115-116   |                         |   |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    |    |    |    |   |   |  |  |
| 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 |  |  |
| S/C 31<br>INITIAL CONDITIONS<br>RTLT: 32h 12m 36s<br>CCSL: A079<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/10/25<br>GYROS: OFF   | █ 1200 RTLT 32h 12m 36s |   |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    |    |    |    |   |   |  |  |
| FDS MODE  |                         |   |    |    |    |    |    |    |    |    |    |    |    | CR-5T   |    |    |    |    |    |    |    |    |    |   |   |  |  |
| XB DATA RATE(MI)  |                         |   |    |    |    |    |    |    |    |    |    |    |    | 160(32) |    |    |    |    |    |    |    |    |    |   |   |  |  |
| 31 DSN COVERAGE   |                         |   |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    |    |    |    |   |   |  |  |
| 32 DSN COVERAGE   |                         |   |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    |    |    |    |   |   |  |  |
| S/C 32<br>INITIAL CONDITIONS<br>RTLT: 26h 19m 24s<br>CCSL: B151<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/10/25<br>GYROS: BC ON | █ 1200 RTLT 26h 19m 22s |   |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    |    |    |    |   |   |  |  |
| FDS MODE  |                         |   |    |    |    |    |    |    |    |    |    |    |    | CR-5T   |    |    |    |    |    |    |    |    |    |   |   |  |  |
| XB DATA RATE(MI)  |                         |   |    |    |    |    |    |    |    |    |    |    |    | 160(32) |    |    |    |    |    |    |    |    |    |   |   |  |  |
| VGR 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 |  |  |
| UTC:  | APR 25                  |   |    |    |    |    |    |    |    |    |    |    |    | APR 26  |    |    |    |    |    |    |    |    |    |   |   |  |  |