

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: March 20, 2013

For the Period: 03/21/13 to 04/08/13 (13-080 – 13-098)

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

**SCIENCE**

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

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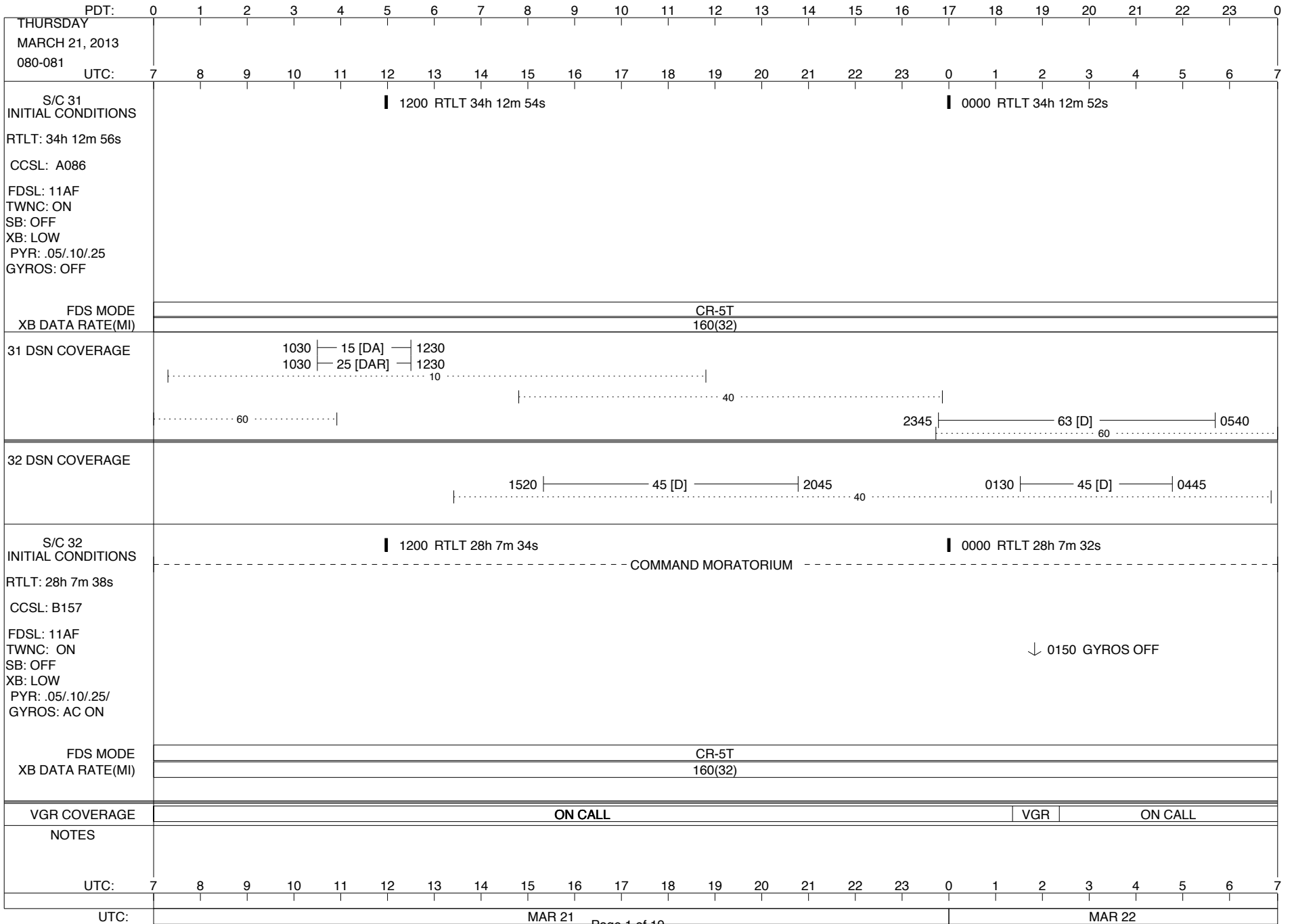
- Dodd, S.
- Hall, J.
- Howard, S. (3)
- Ludwig, R. (2)
- Matsumoto, S.
- Medina, E.
- Peralta, F.
- Weeks, T.
- Wong, R.
- Yang, L
- Zottarelli, L.
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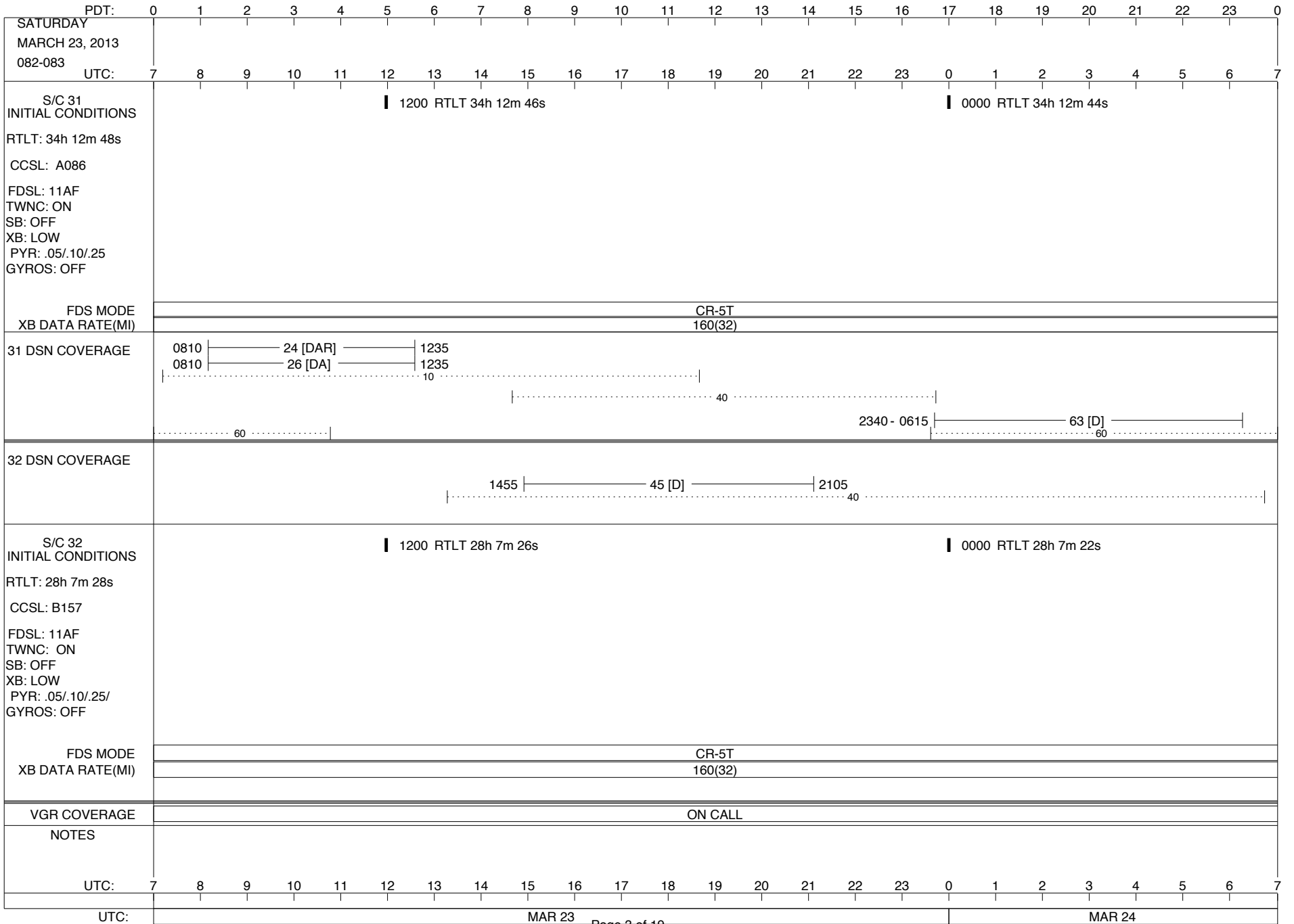
- LEGEND:**
- ▽ = R/T Command (Last chance or Contingency)
  - ▼ = R/T Command (Scheduled)
  - \* = Result of R/T Command
  - n = (where n = 1,2,3 ..) Special Note, see bottom of page
  - A = Arrayed station
  - B = 7-Point BLF
  - D = Downlink only pass
  - H = High Power Transmitter
  - R = Array Reference Antenna
  - T = TLC Uplink
  - U = Uplink only pass
  - [o] = Ramp-through

\*Electronic Copy Only  
(16 – Dist/N: Paper Copies)  
09/08/10

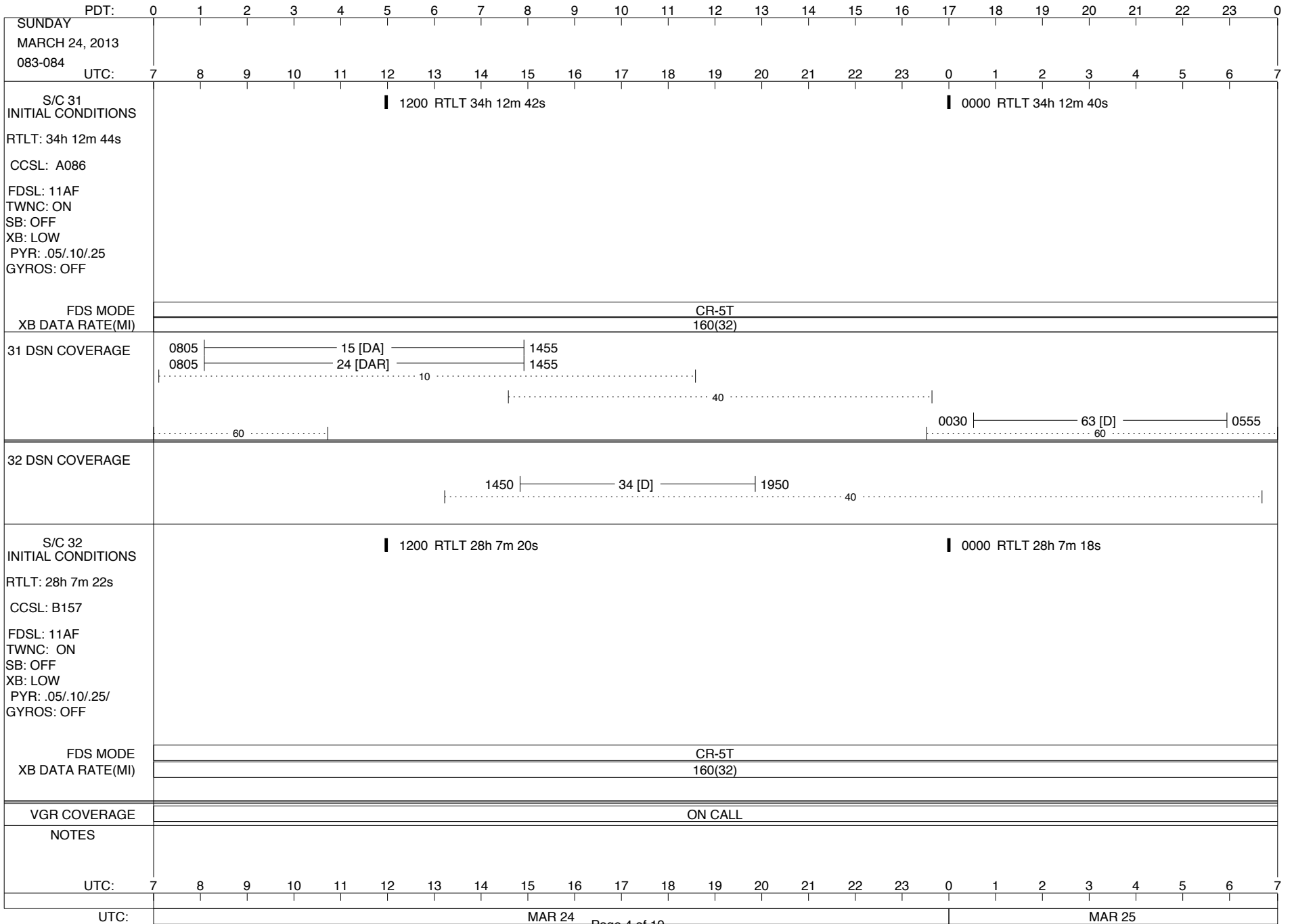


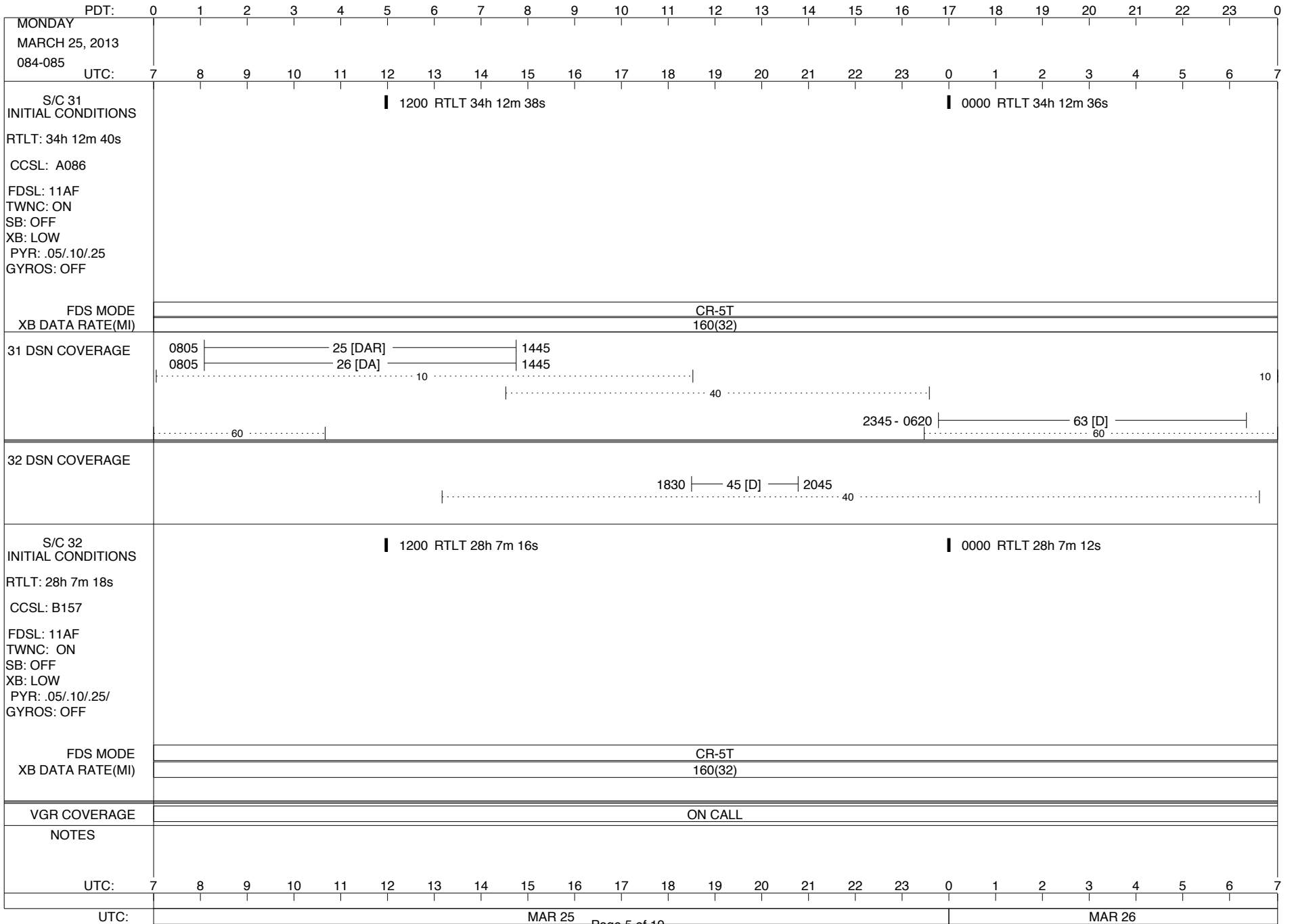


ISSUE DATE: 03/21/13 13:56



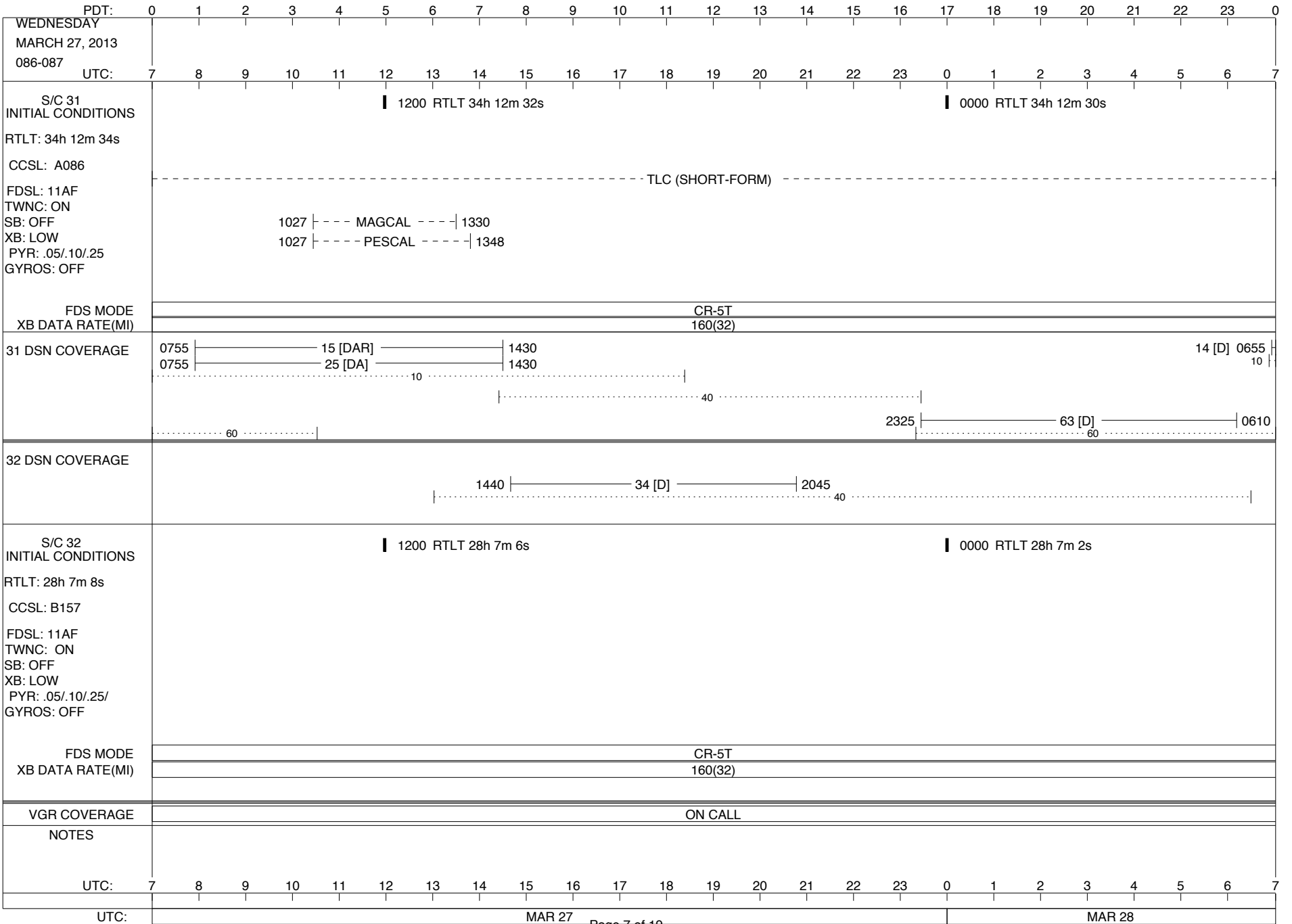
ISSUE DATE: 03/21/13 13:56



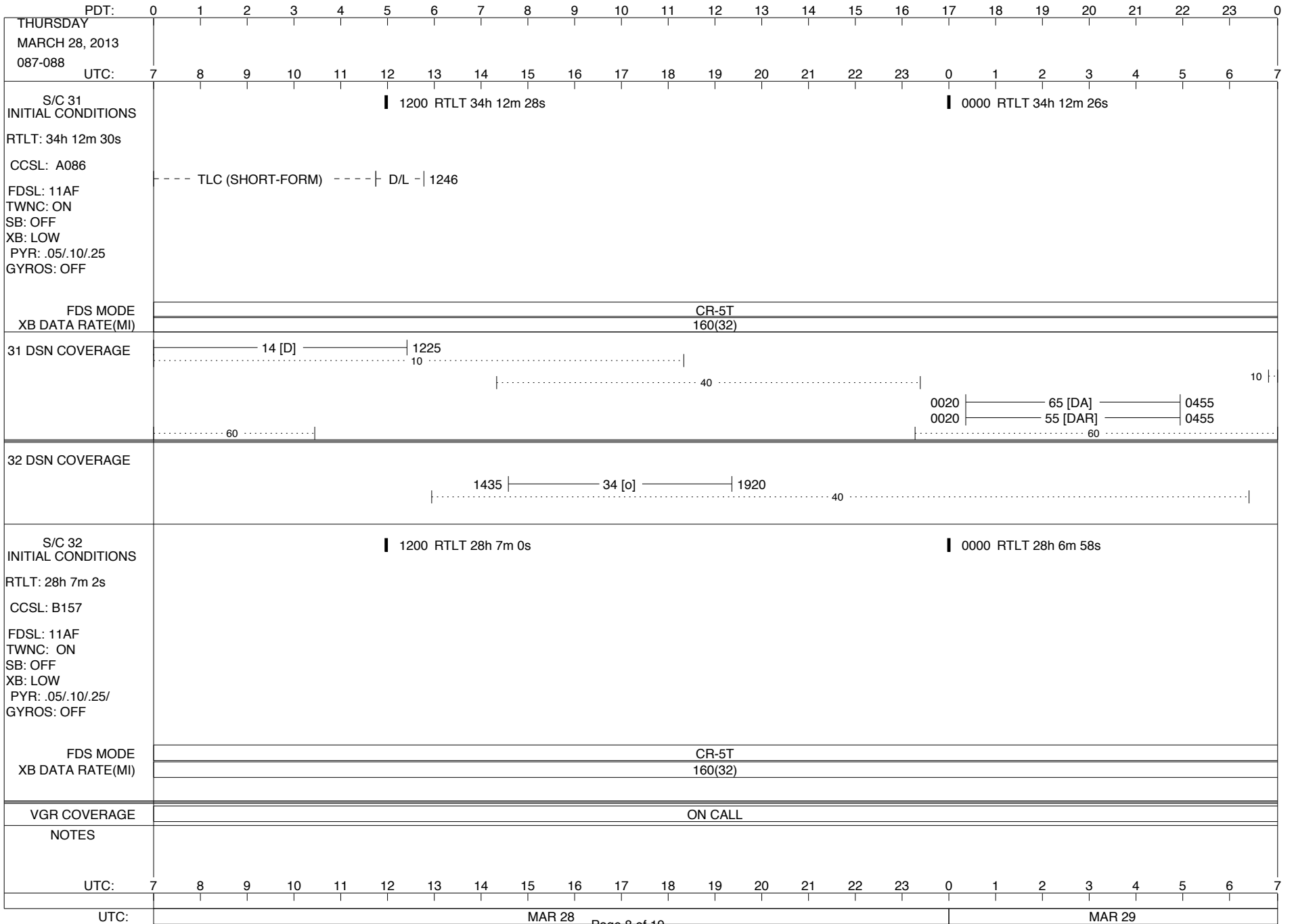




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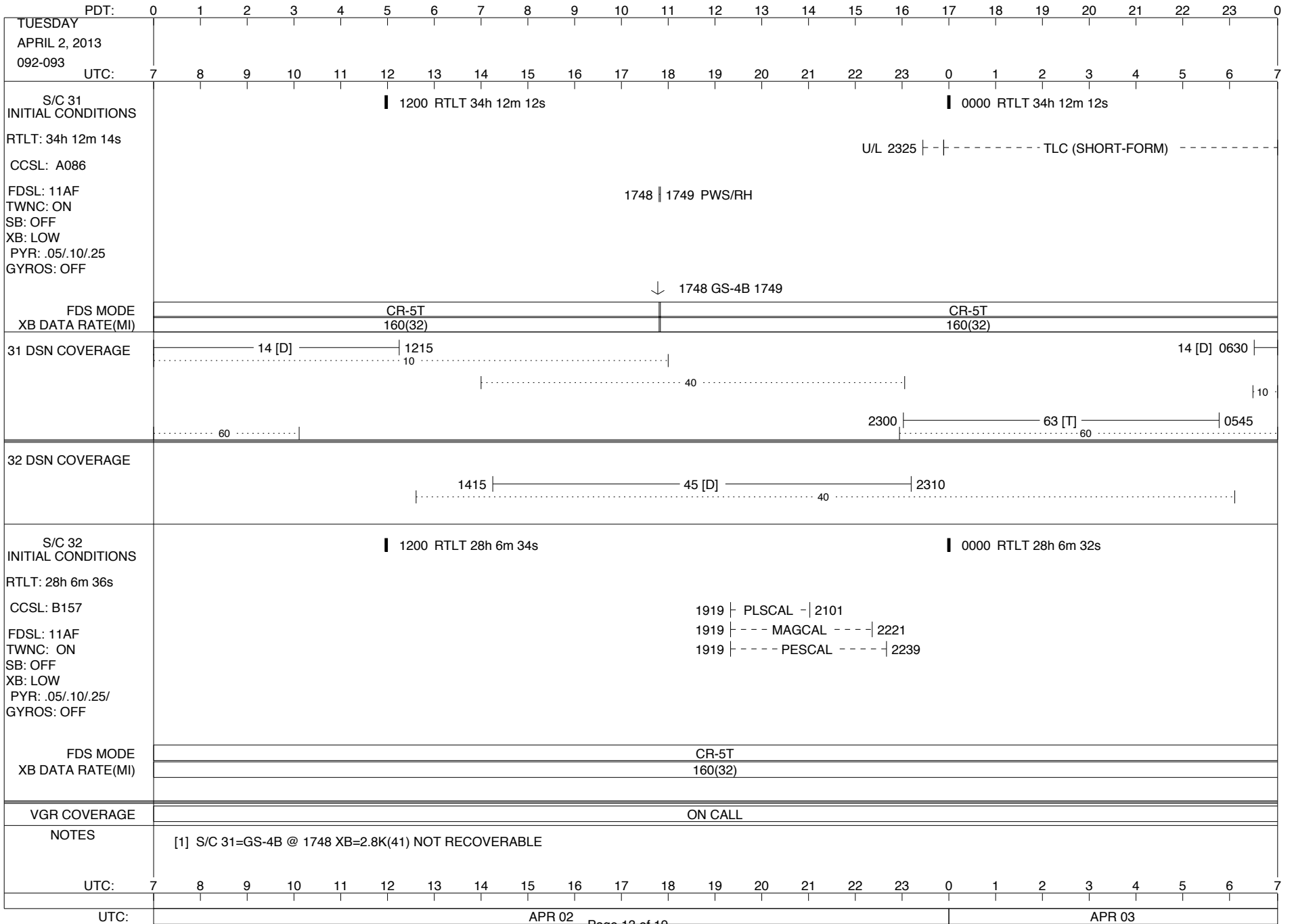




ISSUE DATE: 03/21/13 13:56

| PDT:   | 0   | 1 | 2 | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12  | 13     | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 |  |
|--|---|---|---|----|----|----|----|----|----|----|----|----|---|--------|----|----|----|----|----|----|----|----|----|----|---|--|
| SUNDAY<br>MARCH 31, 2013<br>090-091  | UTC: 7  | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19  | 20     | 21 | 22 | 23 | 0  | 1  | 2  | 3  | 4  | 5  | 6  | 7 |  |
| S/C 31<br>INITIAL CONDITIONS<br>RTLTL: 34h 12m 20s<br>CCSL: A086<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF | 1200 RTLT 34h 12m 18s   |   |   |    |    |    |    |    |    |    |    |    | 0000 RTLT 34h 12m 16s   |        |    |    |    |    |    |    |    |    |    |    |   |  |
| FDS MODE<br>XB DATA RATE(MI)   | CR-5T<br>160(32)  |   |   |    |    |    |    |    |    |    |    |    |   |        |    |    |    |    |    |    |    |    |    |    |   |  |
| 31 DSN COVERAGE  | 15 [DA] 0735 - 0925<br>26 [DAR] 0735 - 0925<br>..... 10 .....<br>..... 40 .....<br>..... 60 ..... |   |   |    |    |    |    |    |    |    |    |    | 14 [D] 0640<br>..... 10 .....<br>2310 - 0635 ..... 63 [D] .....<br>..... 60 ..... |        |    |    |    |    |    |    |    |    |    |    |   |  |
| 32 DSN COVERAGE  | 1425 ..... 45 [D] ..... 2040<br>..... 40 .....  |   |   |    |    |    |    |    |    |    |    |    |   |        |    |    |    |    |    |    |    |    |    |    |   |  |
| S/C 32<br>INITIAL CONDITIONS<br>RTLTL: 28h 6m 48s<br>CCSL: B157<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25/<br>GYROS: OFF | 1200 RTLT 28h 6m 44s  |   |   |    |    |    |    |    |    |    |    |    | 0000 RTLT 28h 6m 42s  |        |    |    |    |    |    |    |    |    |    |    |   |  |
| FDS MODE<br>XB DATA RATE(MI)   | CR-5T<br>160(32)  |   |   |    |    |    |    |    |    |    |    |    |   |        |    |    |    |    |    |    |    |    |    |    |   |  |
| VGR COVERAGE   | ON CALL   |   |   |    |    |    |    |    |    |    |    |    |   |        |    |    |    |    |    |    |    |    |    |    |   |  |
| NOTES  |   |   |   |    |    |    |    |    |    |    |    |    |   |        |    |    |    |    |    |    |    |    |    |    |   |  |
| UTC:   | 7   | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19  | 20     | 21 | 22 | 23 | 0  | 1  | 2  | 3  | 4  | 5  | 6  | 7 |  |
| UTC:   | MAR 31  |   |   |    |    |    |    |    |    |    |    |    |   | APR 01 |    |    |    |    |    |    |    |    |    |    |   |  |





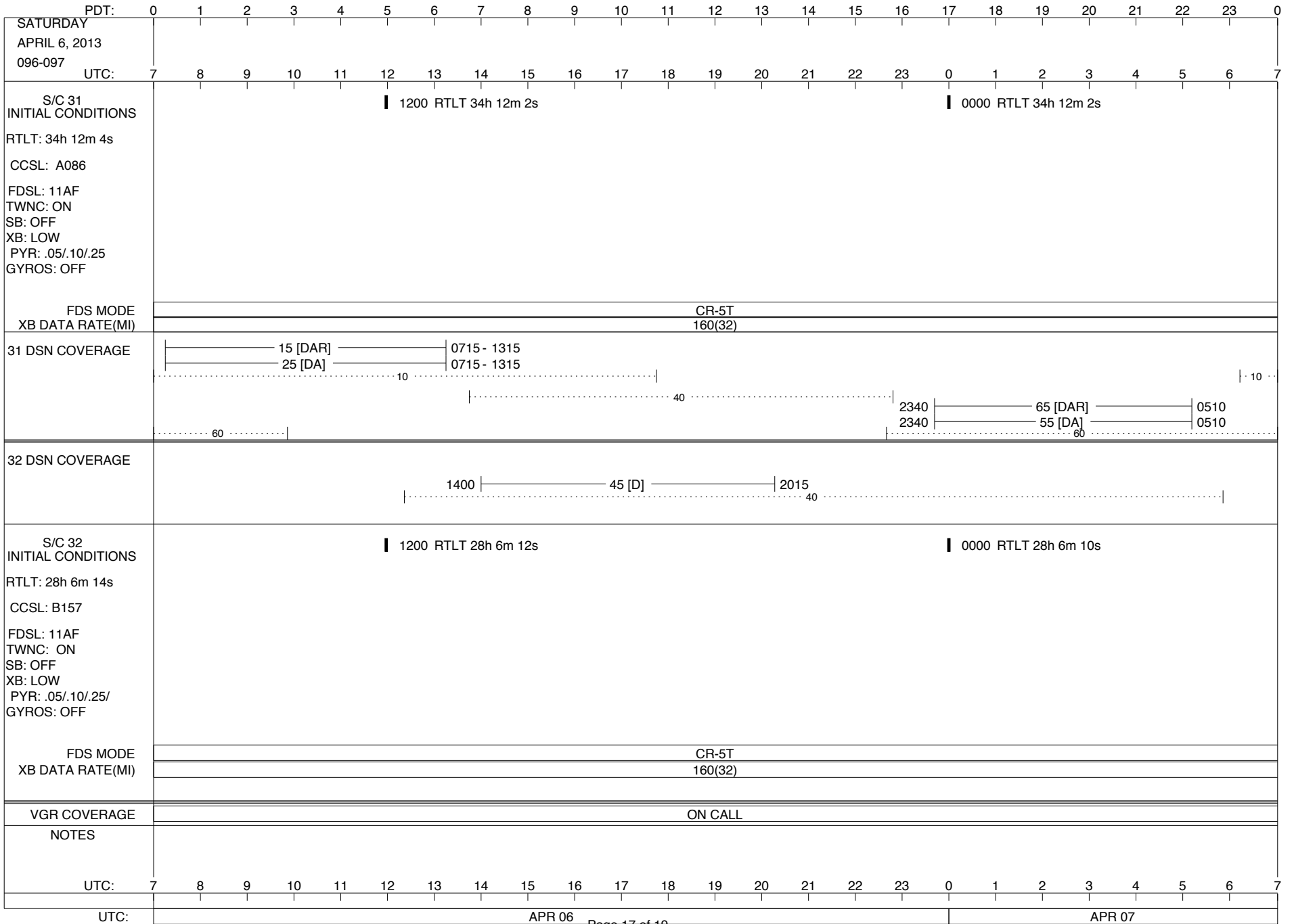


ISSUE DATE: 03/21/13 13:56

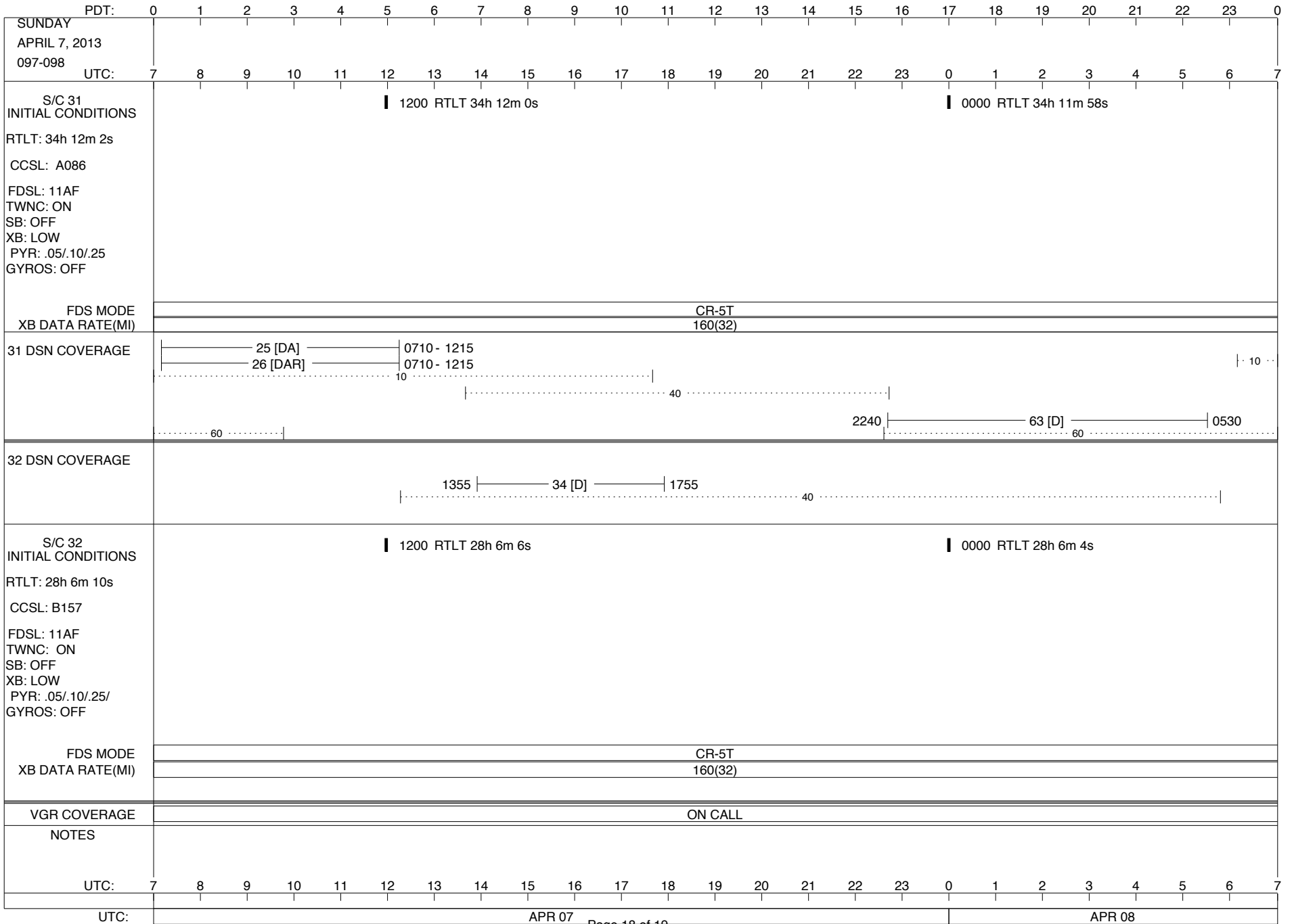
| PDT:   | 0                             | 1 | 2 | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12                   | 13     | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 |  |
|--|-------------------------------|---|---|----|----|----|----|----|----|----|----|----|----------------------|--------|----|----|----|----|----|----|----|----|----|----|---|--|
| THURSDAY<br>APRIL 4, 2013<br>094-095   |                               |   |   |    |    |    |    |    |    |    |    |    |                      |        |    |    |    |    |    |    |    |    |    |    |   |  |
| UTC:   | 7                             | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19                   | 20     | 21 | 22 | 23 | 0  | 1  | 2  | 3  | 4  | 5  | 6  | 7 |  |
| S/C 31<br>INITIAL CONDITIONS   | 1200 RTLT 34h 12m 8s          |   |   |    |    |    |    |    |    |    |    |    | 0000 RTLT 34h 12m 6s |        |    |    |    |    |    |    |    |    |    |    |   |  |
| RTLTL: 34h 12m 8s<br>CCSL: A086<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF  | TLC (SHORT-FORM)   D/L - 1105 |   |   |    |    |    |    |    |    |    |    |    |                      |        |    |    |    |    |    |    |    |    |    |    |   |  |
| FDS MODE   | CR-5T                         |   |   |    |    |    |    |    |    |    |    |    |                      |        |    |    |    |    |    |    |    |    |    |    |   |  |
| XB DATA RATE(MI)   | 160(32)                       |   |   |    |    |    |    |    |    |    |    |    |                      |        |    |    |    |    |    |    |    |    |    |    |   |  |
| 31 DSN COVERAGE  |                               |   |   |    |    |    |    |    |    |    |    |    |                      |        |    |    |    |    |    |    |    |    |    |    |   |  |
| 32 DSN COVERAGE  |                               |   |   |    |    |    |    |    |    |    |    |    |                      |        |    |    |    |    |    |    |    |    |    |    |   |  |
| S/C 32<br>INITIAL CONDITIONS   | 1200 RTLT 28h 6m 24s          |   |   |    |    |    |    |    |    |    |    |    | 0000 RTLT 28h 6m 20s |        |    |    |    |    |    |    |    |    |    |    |   |  |
| RTLTL: 28h 6m 26s<br>CCSL: B157<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25/<br>GYROS: OFF |                               |   |   |    |    |    |    |    |    |    |    |    |                      |        |    |    |    |    |    |    |    |    |    |    |   |  |
| FDS MODE   | CR-5T                         |   |   |    |    |    |    |    |    |    |    |    |                      |        |    |    |    |    |    |    |    |    |    |    |   |  |
| XB DATA RATE(MI)   | 160(32)                       |   |   |    |    |    |    |    |    |    |    |    |                      |        |    |    |    |    |    |    |    |    |    |    |   |  |
| VGR COVERAGE   | ON CALL                       |   |   |    |    |    |    |    |    |    |    |    |                      |        |    |    |    |    |    |    |    |    |    |    |   |  |
| NOTES  |                               |   |   |    |    |    |    |    |    |    |    |    |                      |        |    |    |    |    |    |    |    |    |    |    |   |  |
| UTC:   | 7                             | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19                   | 20     | 21 | 22 | 23 | 0  | 1  | 2  | 3  | 4  | 5  | 6  | 7 |  |
| UTC:   | APR 04                        |   |   |    |    |    |    |    |    |    |    |    |                      | APR 05 |    |    |    |    |    |    |    |    |    |    |   |  |



| PDT:   | 0   | 1 | 2 | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12   | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 |
|--|---|---|---|----|----|----|----|----|----|----|----|----|--|----|----|----|----|----|----|----|----|----|----|----|---|
| FRIDAY<br>APRIL 5, 2013<br>095-096   |   |   |   |    |    |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |    |    |    |    |   |
| UTC:   | 7   | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19   | 20 | 21 | 22 | 23 | 0  | 1  | 2  | 3  | 4  | 5  | 6  | 7 |
| S/C 31<br>INITIAL CONDITIONS<br>RTLTL: 34h 12m 6s<br>CCSL: A086<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF  | 1200 RTLTL 34h 12m 4s                                   |   |   |    |    |    |    |    |    |    |    |    | 0000 RTLTL 34h 12m 4s  |    |    |    |    |    |    |    |    |    |    |    |   |
| FDS MODE   | CR-5T   |   |   |    |    |    |    |    |    |    |    |    | CR-5T  |    |    |    |    |    |    |    |    |    |    |    |   |
| XB DATA RATE(MI)   | 160(32)   |   |   |    |    |    |    |    |    |    |    |    | 160(32)  |    |    |    |    |    |    |    |    |    |    |    |   |
| 31 DSN COVERAGE  | 15 [DAR] 0720 - 1225<br>25 [DA] 0720 - 1225<br>10 ..... |   |   |    |    |    |    |    |    |    |    |    | 40 ..... <br>0045 65 [DA] 0455<br>0045 55 [DAR] 0455<br>60 ..... |    |    |    |    |    |    |    |    |    |    |    |   |
| 32 DSN COVERAGE  | 1615   34 [D]   2205<br>.....  40  .....                |   |   |    |    |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |    |    |    |    |   |
| S/C 32<br>INITIAL CONDITIONS<br>RTLTL: 28h 6m 20s<br>CCSL: B157<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25/<br>GYROS: OFF | 1200 RTLTL 28h 6m 18s                                   |   |   |    |    |    |    |    |    |    |    |    | 0000 RTLTL 28h 6m 14s  |    |    |    |    |    |    |    |    |    |    |    |   |
| FDS MODE   | CR-5T   |   |   |    |    |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |    |    |    |    |   |
| XB DATA RATE(MI)   | 160(32)   |   |   |    |    |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |    |    |    |    |   |
| VGR COVERAGE   |   |   |   |    |    |    |    |    |    |    |    |    | ON CALL  |    |    |    |    |    |    |    |    |    |    |    |   |
| NOTES  | [1] S/C 31=GS-4B @ 2348 XB=2.8K(41) NOT RECOVERABLE     |   |   |    |    |    |    |    |    |    |    |    |  |    |    |    |    |    |    |    |    |    |    |    |   |
| UTC:   | 7   | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19   | 20 | 21 | 22 | 23 | 0  | 1  | 2  | 3  | 4  | 5  | 6  | 7 |
| UTC:   | APR 05  |   |   |    |    |    |    |    |    |    |    |    | APR 06   |    |    |    |    |    |    |    |    |    |    |    |   |



ISSUE DATE: 03/21/13 13:56



| PDT:  | 0   | 1 | 2 | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13               | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 |  |  |
|---|---|---|---|----|----|----|----|----|----|----|----|----|----|------------------|----|----|----|----|----|----|----|----|----|----|---|--|--|
| MONDAY<br>APRIL 8, 2013<br>098-099  |   |   |   |    |    |    |    |    |    |    |    |    |    |                  |    |    |    |    |    |    |    |    |    |    |   |  |  |
| UTC:  | 7   | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20               | 21 | 22 | 23 | 0  | 1  | 2  | 3  | 4  | 5  | 6  | 7 |  |  |
| S/C 31<br>INITIAL CONDITIONS<br>RTLT: 34h 11m 58s<br>CCSL: A086<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 34h 11m 58s         </div>   |   |   |    |    |    |    |    |    |    |    |    |    |                  |    |    |    |    |    |    |    |    |    |    |   |  |  |
| FDS MODE<br>XB DATA RATE(MI)  |   |   |   |    |    |    |    |    |    |    |    |    |    | CR-5T<br>160(32) |    |    |    |    |    |    |    |    |    |    |   |  |  |
| 31 DSN COVERAGE   | <div style="text-align: center;"> <span style="font-size: 1.2em;"> ----- </span> 1015  -----  14 [D]  -----  1730<br/> <span style="font-size: 0.8em;"> ----- </span> 10  -----  40<br/> <span style="font-size: 0.6em;"> ----- </span> 60         </div> |   |   |    |    |    |    |    |    |    |    |    |    |                  |    |    |    |    |    |    |    |    |    |    |   |  |  |
| 32 DSN COVERAGE   | <span style="font-size: 1.2em;"> ----- </span> 1350  -----  45 [D]  -----  1815   |   |   |    |    |    |    |    |    |    |    |    |    |                  |    |    |    |    |    |    |    |    |    |    |   |  |  |
| S/C 32<br>INITIAL CONDITIONS<br>RTLT: 28h 6m 4s<br>CCSL: B157<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 28h 6m 2s         </div>   |   |   |    |    |    |    |    |    |    |    |    |    |                  |    |    |    |    |    |    |    |    |    |    |   |  |  |
| FDS MODE<br>XB DATA RATE(MI)  |   |   |   |    |    |    |    |    |    |    |    |    |    | CR-5T<br>160(32) |    |    |    |    |    |    |    |    |    |    |   |  |  |
| VGR COVERAGE  | ON CALL   |   |   |    |    |    |    |    |    |    |    |    |    |                  |    |    |    |    |    |    |    |    |    |    |   |  |  |
| NOTES   |   |   |   |    |    |    |    |    |    |    |    |    |    |                  |    |    |    |    |    |    |    |    |    |    |   |  |  |
| UTC:  | 7   | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20               | 21 | 22 | 23 | 0  | 1  | 2  | 3  | 4  | 5  | 6  | 7 |  |  |
| UTC:  | APR 08  |   |   |    |    |    |    |    |    |    |    |    |    | APR 09           |    |    |    |    |    |    |    |    |    |    |   |  |  |