

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: November 14, 2017

For the Period: 11/16/17 to 12/04/17 (17/320 – 17/338)

| DSN OPSCHIEF | 230-102 | SCIENCE  | FLIGHT TEAM   | 600-100 |
|--------------|---------|--|---|---------|
| DSOT         | 230-102 | CRS bryant@mail630.gsfc.nasa.gov<br>LECP r.decker@jhuapl.edu<br>MAG u2mha@lepvax.gsfc.nasa.gov<br>PLS vgr@space.mit.edu<br>PWS wsk@space.physics.uiowa.edu<br>Leonard.F.Burlaga@nasa.gov<br>Donald-Gurnett@uiowa.edu | Dodd, S.<br>Hall, J.<br>Howard, S.<br>Ko, A.<br>Ledeboer, W.<br>Ludwig, R.<br>Matsumoto, S.<br>Medina, E.<br>Peralta, F.<br>Weeks, T.<br>Yang, L. |         |

**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 = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U = Uplink only pass
- [o] = Ramp-through

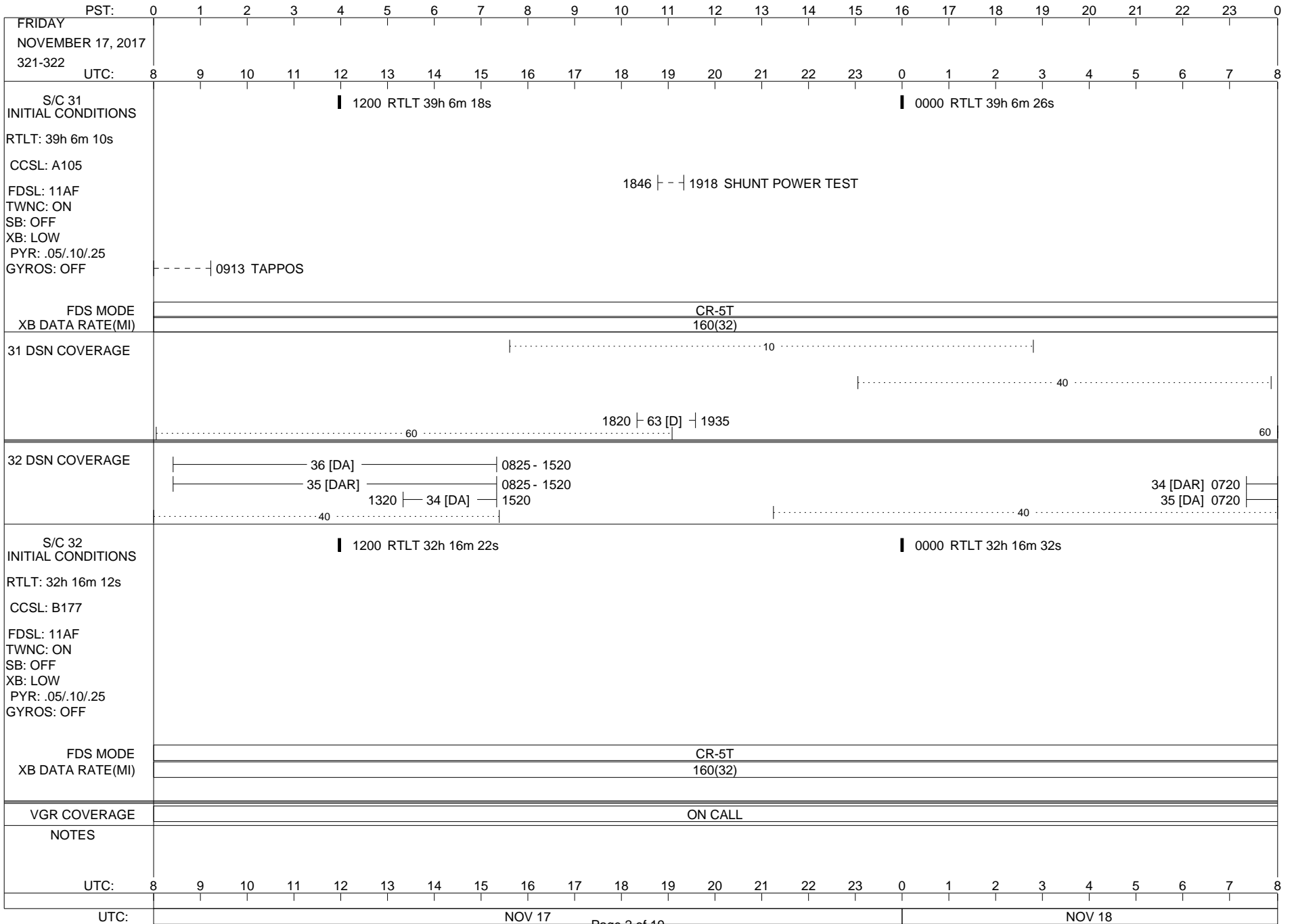
Posted at [http://voyager.jpl.nasa.gov/mission/soesfos/tracking\\_schedule.html](http://voyager.jpl.nasa.gov/mission/soesfos/tracking_schedule.html)

02/27/17

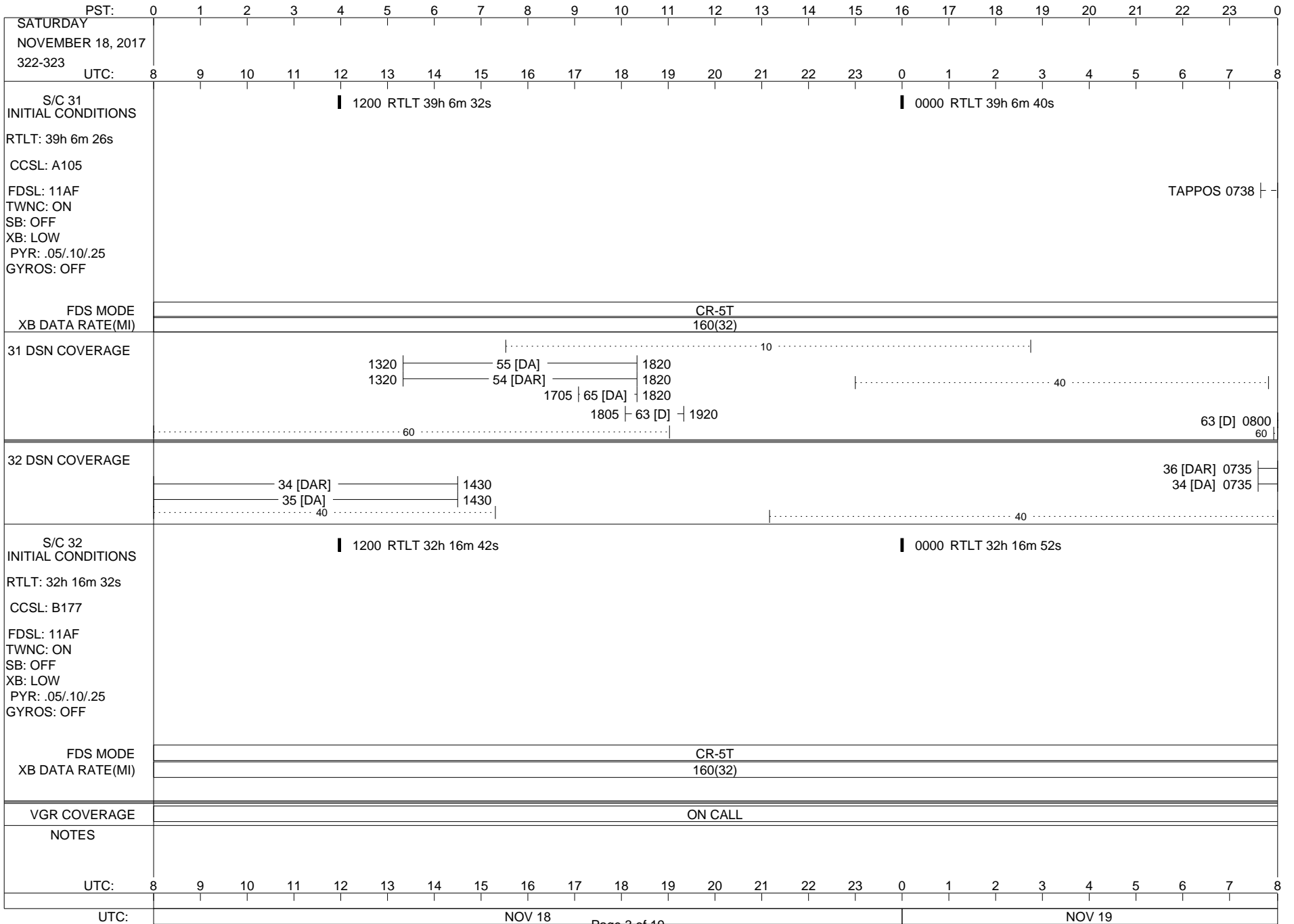
ISSUE DATE: 11/14/17 22:45

| PST:  | 0   | 1 | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12  | 13 | 14 | 15 | 16     | 17 | 18      | 19 | 20 | 21 | 22 | 23 | 0 |
|---|---|---|----|----|----|----|----|----|----|----|----|----|---|----|----|----|--------|----|---------|----|----|----|----|----|---|
| THURSDAY<br>NOVEMBER 16, 2017<br>320-321  |   |   |    |    |    |    |    |    |    |    |    |    |   |    |    |    |        |    |         |    |    |    |    |    |   |
| 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: 39h 5m 56s<br>CCSL: A105<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF  | 1200 RTLT 39h 6m 4s                                 |   |    |    |    |    |    |    |    |    |    |    | 0000 RTLT 39h 6m 10s  |    |    |    |        |    |         |    |    |    |    |    |   |
| FDS MODE  | CR-5T   |   |    |    |    |    |    |    |    |    |    |    | CR-5T   |    |    |    |        |    |         |    |    |    |    |    |   |
| XB DATA RATE(MI)  | 160(32)   |   |    |    |    |    |    |    |    |    |    |    | 160(32)   |    |    |    |        |    |         |    |    |    |    |    |   |
| 31 DSN COVERAGE   | 1525  ----- 63 [D] -----  1925                      |   |    |    |    |    |    |    |    |    |    |    | 2330  ----- 14 [D] -----  0250<br>0250  ----- 34 [DAR] -----  0540<br>0250  ----- 35 [DA] -----  0540 |    |    |    |        |    |         |    |    |    |    |    |   |
| 32 DSN COVERAGE   | 40  -----   |   |    |    |    |    |    |    |    |    |    |    | 40  -----   |    |    |    |        |    |         |    |    |    |    |    |   |
| S/C 32<br>INITIAL CONDITIONS<br>RTLT: 32h 15m 52s<br>CCSL: B177<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF | 1200 RTLT 32h 16m 2s                                |   |    |    |    |    |    |    |    |    |    |    | 0000 RTLT 32h 16m 12s   |    |    |    |        |    |         |    |    |    |    |    |   |
| FDS MODE  | CR-5T   |   |    |    |    |    |    |    |    |    |    |    | CR-5T   |    |    |    |        |    |         |    |    |    |    |    |   |
| XB DATA RATE(MI)  | 160(32)   |   |    |    |    |    |    |    |    |    |    |    | 160(32)   |    |    |    |        |    |         |    |    |    |    |    |   |
| VGR COVERAGE  | ON CALL   |   |    |    |    |    |    |    |    |    |    |    |   |    |    |    | VGR    |    | ON CALL |    |    |    |    |    |   |
| NOTES   | [1] S/C 31=GS-4B @ 0740 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:  | NOV 16  |   |    |    |    |    |    |    |    |    |    |    |   |    |    |    | NOV 17 |    |         |    |    |    |    |    |   |

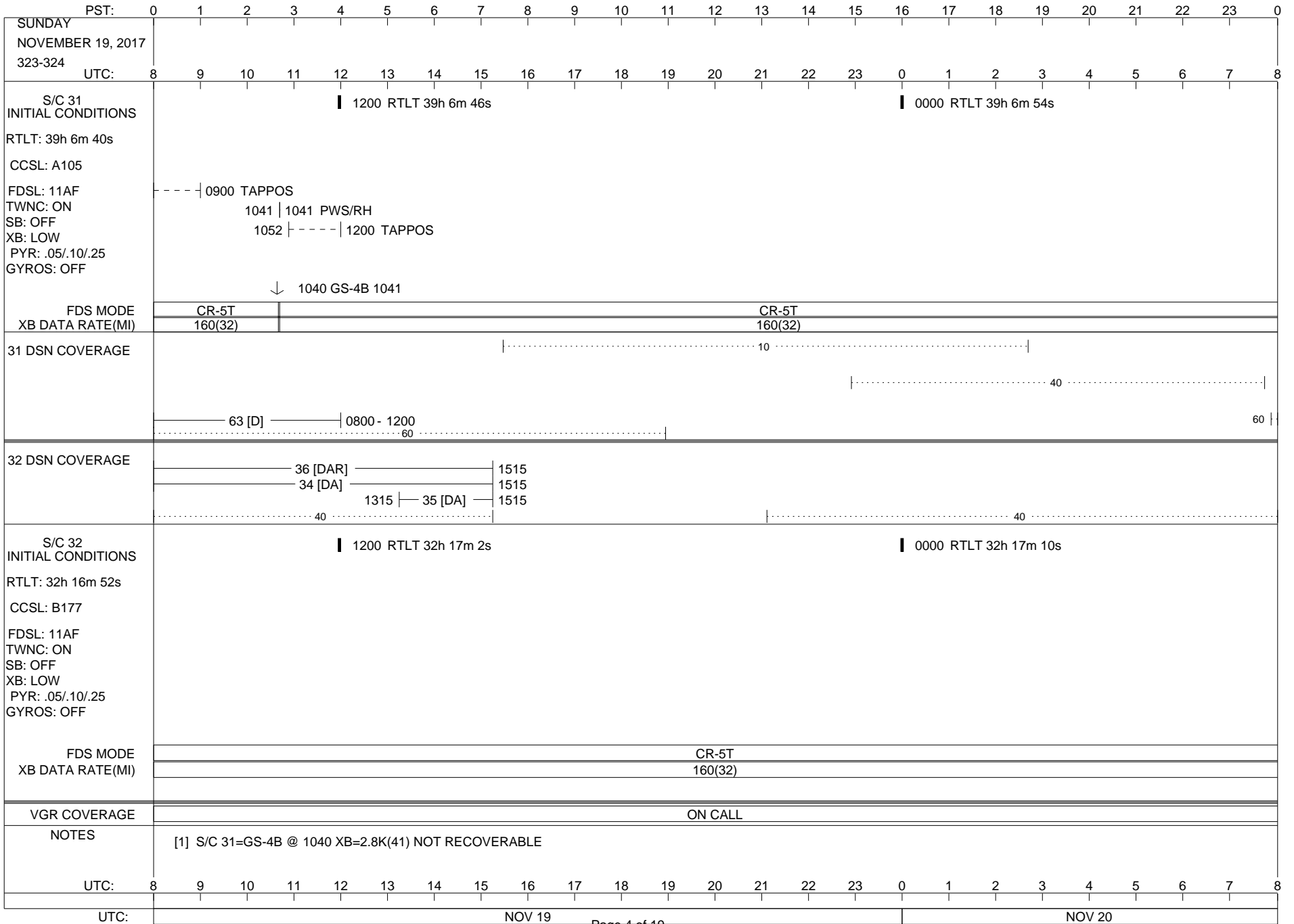
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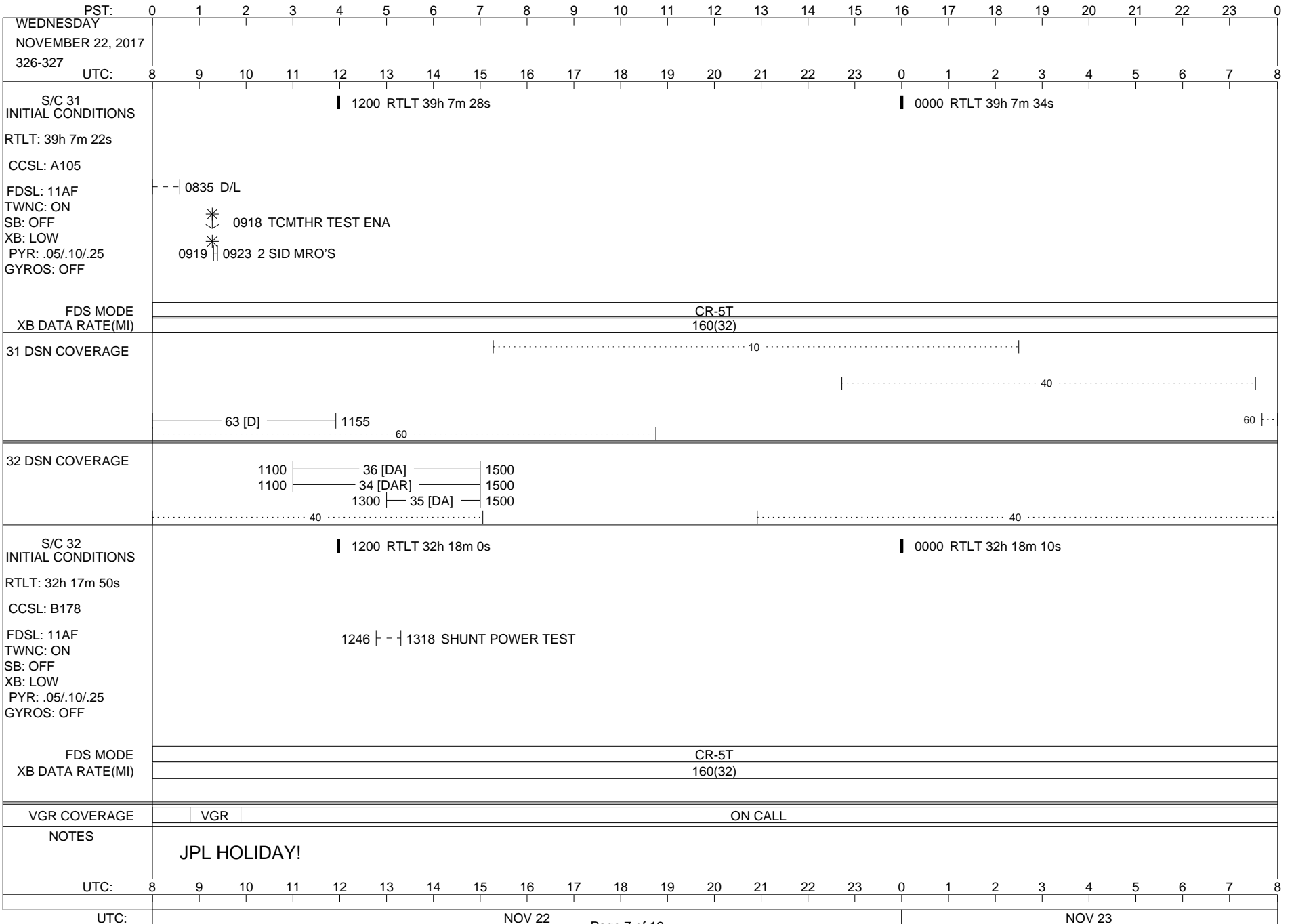




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|  |  |   |  |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |  |
|--|--|---|--|--|--|--|--|--|--|--|--|--|--|------------------------|--|--|--|--|--|--|--|--|--|--|--|
| TUESDAY<br>NOVEMBER 21, 2017<br>325-326  |  | PST: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0  |  |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |  |
| UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8   |  |   |  |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |  |
| S/C 31<br>INITIAL CONDITIONS<br>RTLTL: 39h 7m 8s<br>CCSL: A105<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF   |  | 1200 RTLTL 39h 7m 14s   |  |  |  |  |  |  |  |  |  |  |  | 0000 RTLTL 39h 7m 22s  |  |  |  |  |  |  |  |  |  |  |  |
| FDS MODE<br>XB DATA RATE(MI)   |  | CR-5T<br>160(32)  |  |  |  |  |  |  |  |  |  |  |  | CR-5T<br>160(32)       |  |  |  |  |  |  |  |  |  |  |  |
| 31 DSN COVERAGE  |  | <p>0945  ----- 63 [D] -----  1350</p> <p>60</p> <p>63 [D] 0755</p> <p>60</p>  |  |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |  |
| 32 DSN COVERAGE  |  | <p>1110  ----- 36 [DAR] -----  1510</p> <p>1110  ----- 35 [DA] -----  1510</p> <p>1310  ----- 34 [DA] -----  1510</p> <p>40</p> <p>40</p> |  |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |  |
| S/C 32<br>INITIAL CONDITIONS<br>RTLTL: 32h 17m 30s<br>CCSL: B178<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF |  | 1200 RTLTL 32h 17m 40s  |  |  |  |  |  |  |  |  |  |  |  | 0000 RTLTL 32h 17m 50s |  |  |  |  |  |  |  |  |  |  |  |
| FDS MODE<br>XB DATA RATE(MI)   |  | CR-5T<br>160(32)  |  |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |  |
| VGR COVERAGE   |  | ON CALL   |  |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |  |
| NOTES  |  | [1] S/C 31=GS-4B @ 0103 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:   |  | NOV 21  |  |  |  |  |  |  |  |  |  |  |  | NOV 22                 |  |  |  |  |  |  |  |  |  |  |  |

ISSUE DATE: 11/14/17 22:45

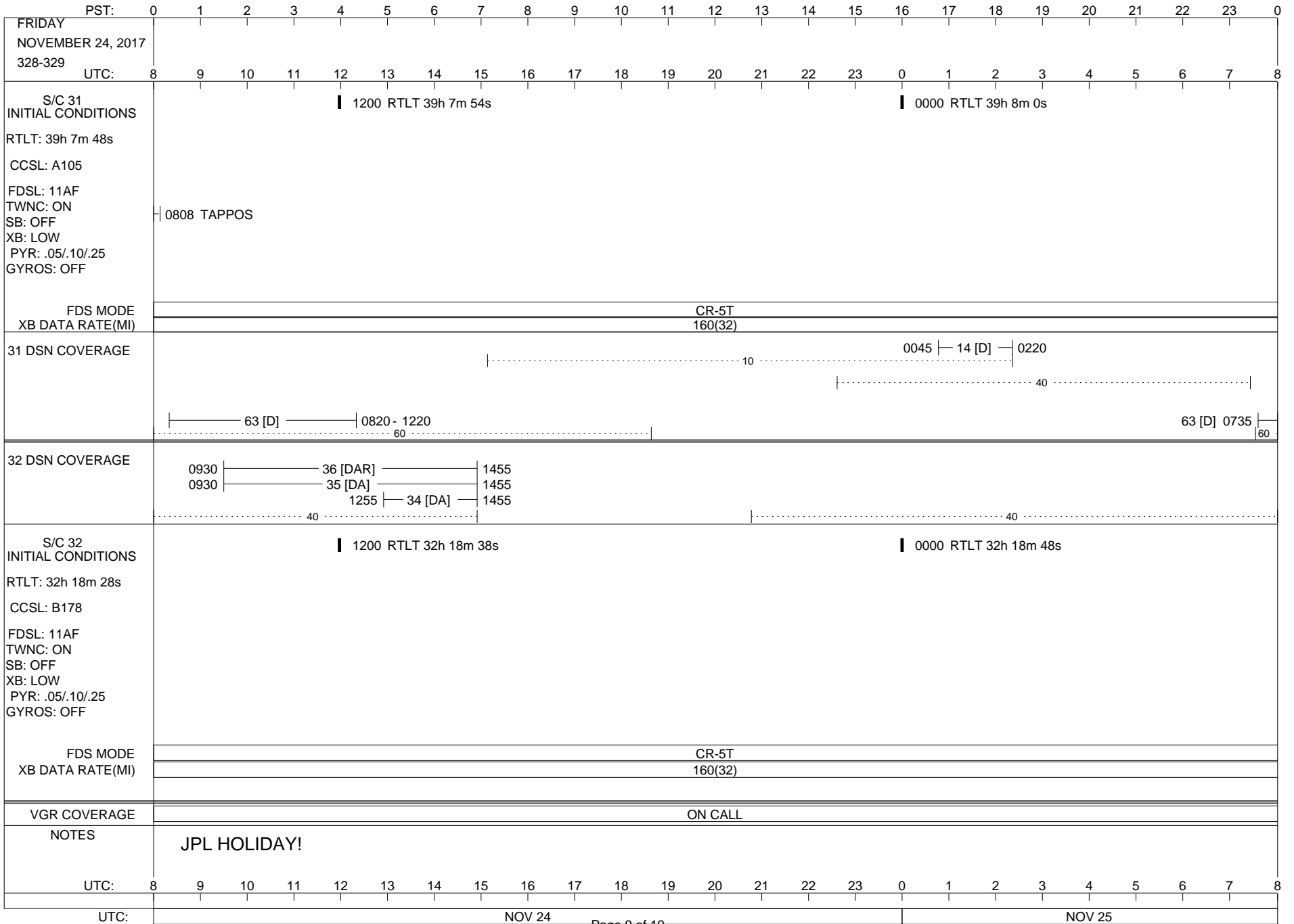




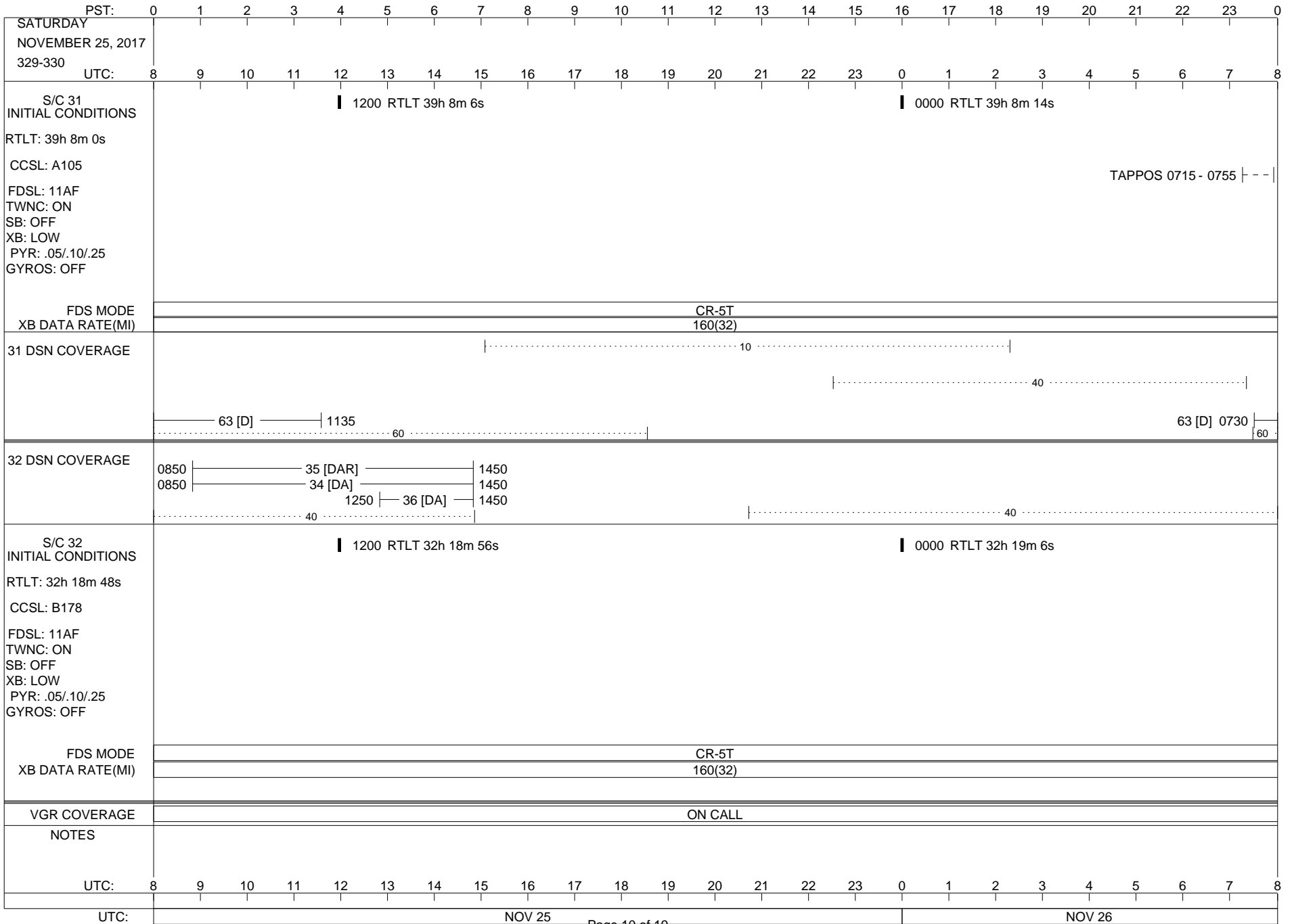
ISSUE DATE: 11/14/17 22:45

| PST:   | 0   | 1 | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12                               | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 |
|--|---|---|----|----|----|----|----|----|----|----|----|----|----------------------------------|----|----|----|----|----|----|----|----|----|----|----|---|
| THURSDAY<br>NOVEMBER 23, 2017<br>327-328   |   |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
| 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>RTLTL: 39h 7m 34s<br>CCSL: A105<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF  | 1200 RTLTL 39h 7m 42s   |   |    |    |    |    |    |    |    |    |    |    | 0000 RTLTL 39h 7m 48s            |    |    |    |    |    |    |    |    |    |    |    |   |
| FDS MODE   | CR-5T   |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
| XB DATA RATE(MI)   | 160(32)   |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
| 31 DSN COVERAGE  | 1545  -----  14 [D]  -----  1945                                    |   |    |    |    |    |    |    |    |    |    |    | 0045  -----  14 [D]  -----  0220 |    |    |    |    |    |    |    |    |    |    |    |   |
|  | ..... -----  10  -----  |   |    |    |    |    |    |    |    |    |    |    | ..... -----  40  -----           |    |    |    |    |    |    |    |    |    |    |    |   |
|  | ..... -----  60  -----  |   |    |    |    |    |    |    |    |    |    |    | ..... -----  60  -----           |    |    |    |    |    |    |    |    |    |    |    |   |
| 32 DSN COVERAGE  | 0900  -----  36 [DAR]  -----  1455                                  |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
|  | 0900  -----  35 [DA]  -----  1455                                   |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
|  | 1320  -----  34 [DA]  -----  1455                                   |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
|  | ..... -----  40  -----  |   |    |    |    |    |    |    |    |    |    |    | ..... -----  40  -----           |    |    |    |    |    |    |    |    |    |    |    |   |
| S/C 32<br>INITIAL CONDITIONS<br>RTLTL: 32h 18m 10s<br>CCSL: B178<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/.10/.25<br>GYROS: OFF | 1200 RTLTL 32h 18m 18s  |   |    |    |    |    |    |    |    |    |    |    | 0000 RTLTL 32h 18m 28s           |    |    |    |    |    |    |    |    |    |    |    |   |
| FDS MODE   | CR-5T   |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
| XB DATA RATE(MI)   | 160(32)   |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
| VGR COVERAGE   | ON CALL   |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
| NOTES  | [1] S/C 31=GS-4B @ 0716 XB=2.8K(41) NOT RECOVERABLE<br>JPL HOLIDAY! |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
| 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:   | NOV 23  |   |    |    |    |    |    |    |    |    |    |    | NOV 24                           |    |    |    |    |    |    |    |    |    |    |    |   |

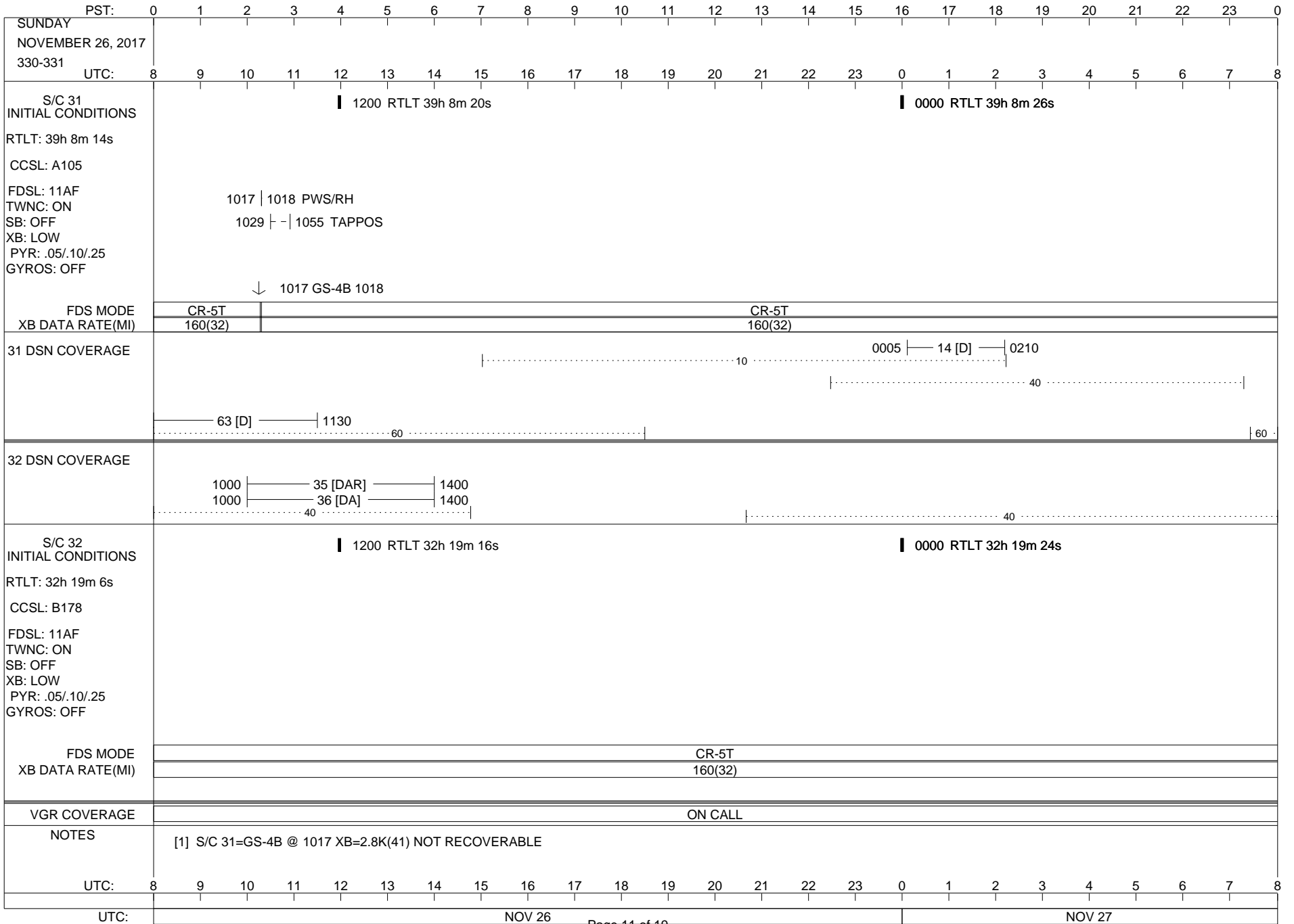
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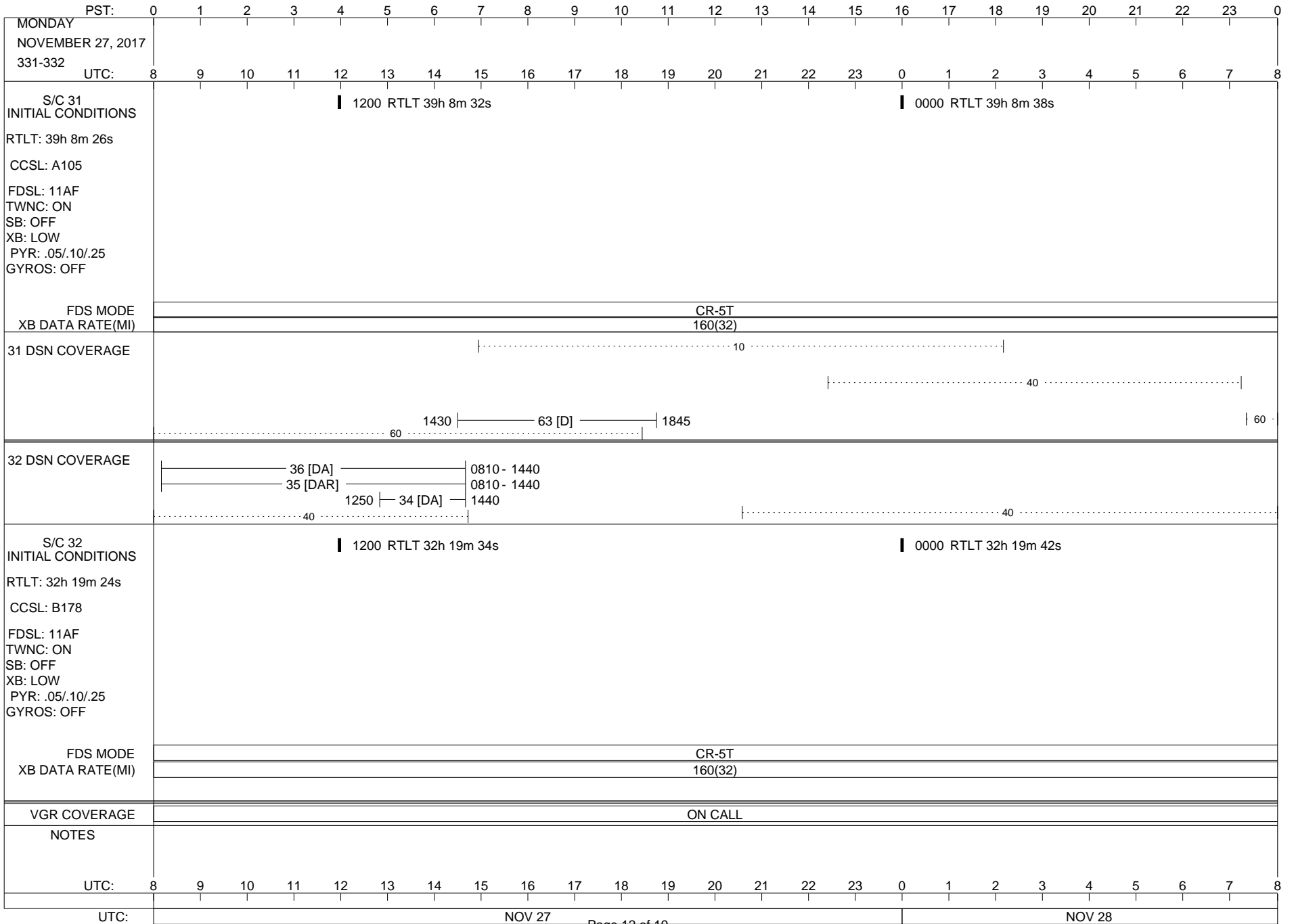
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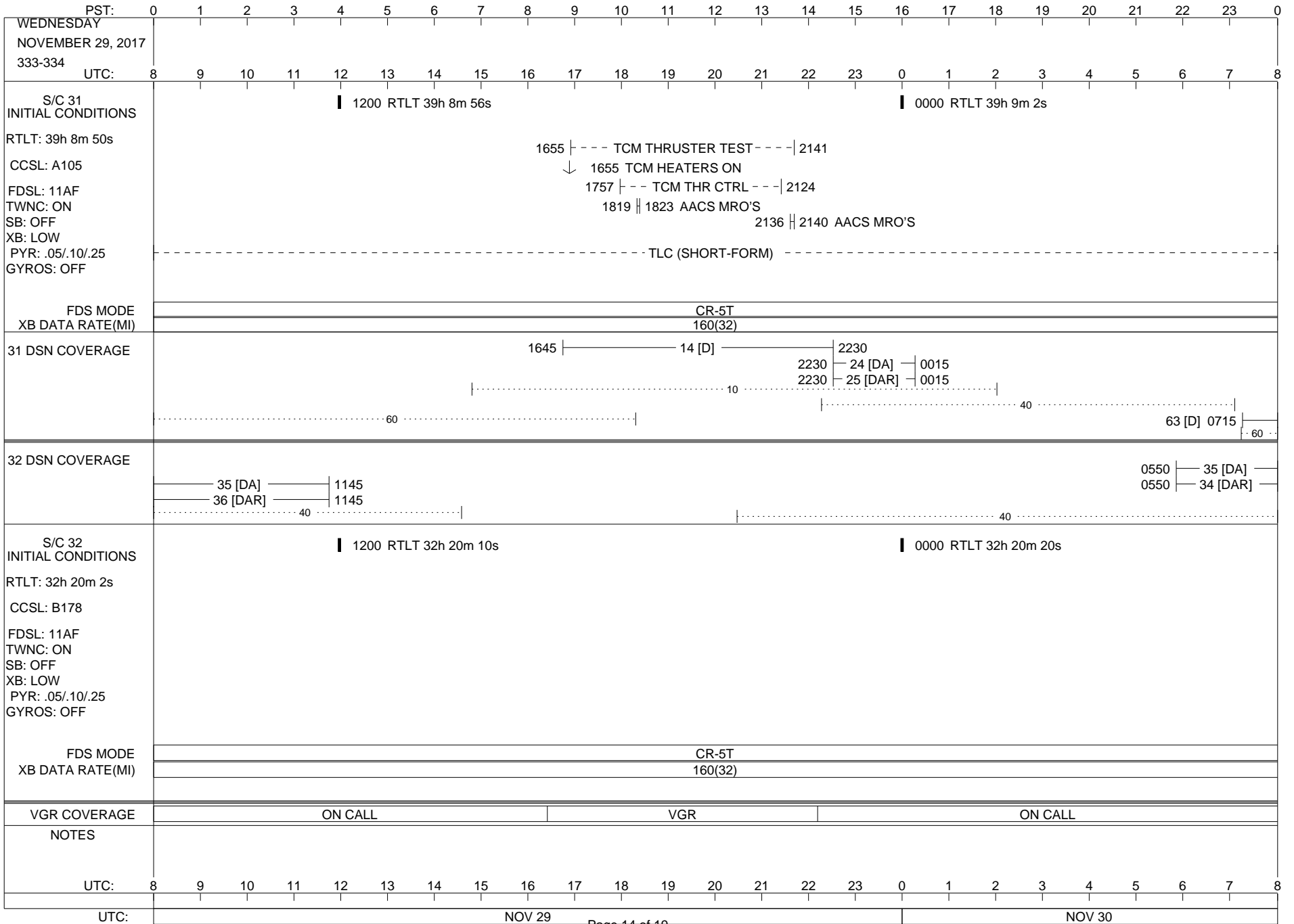


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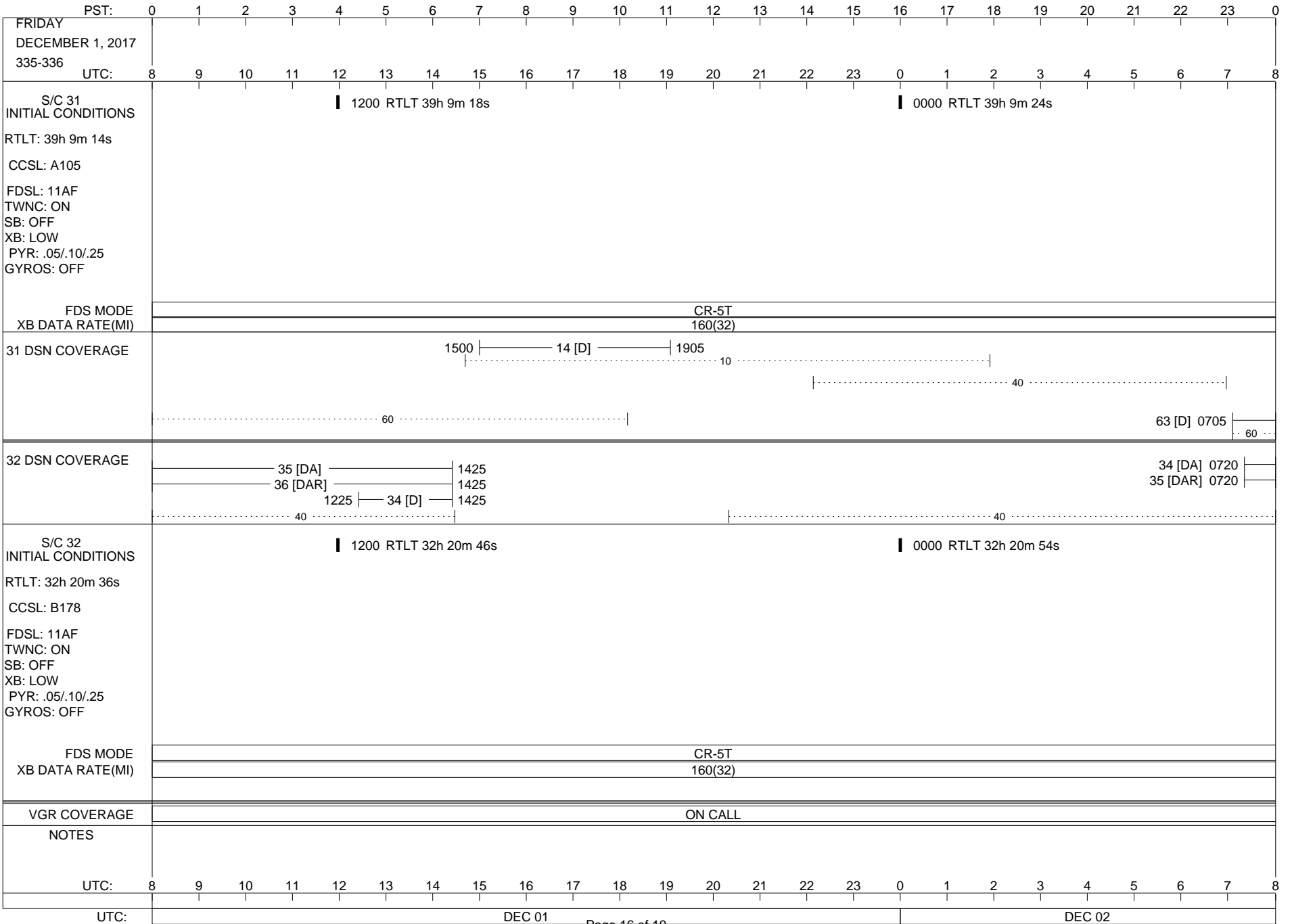


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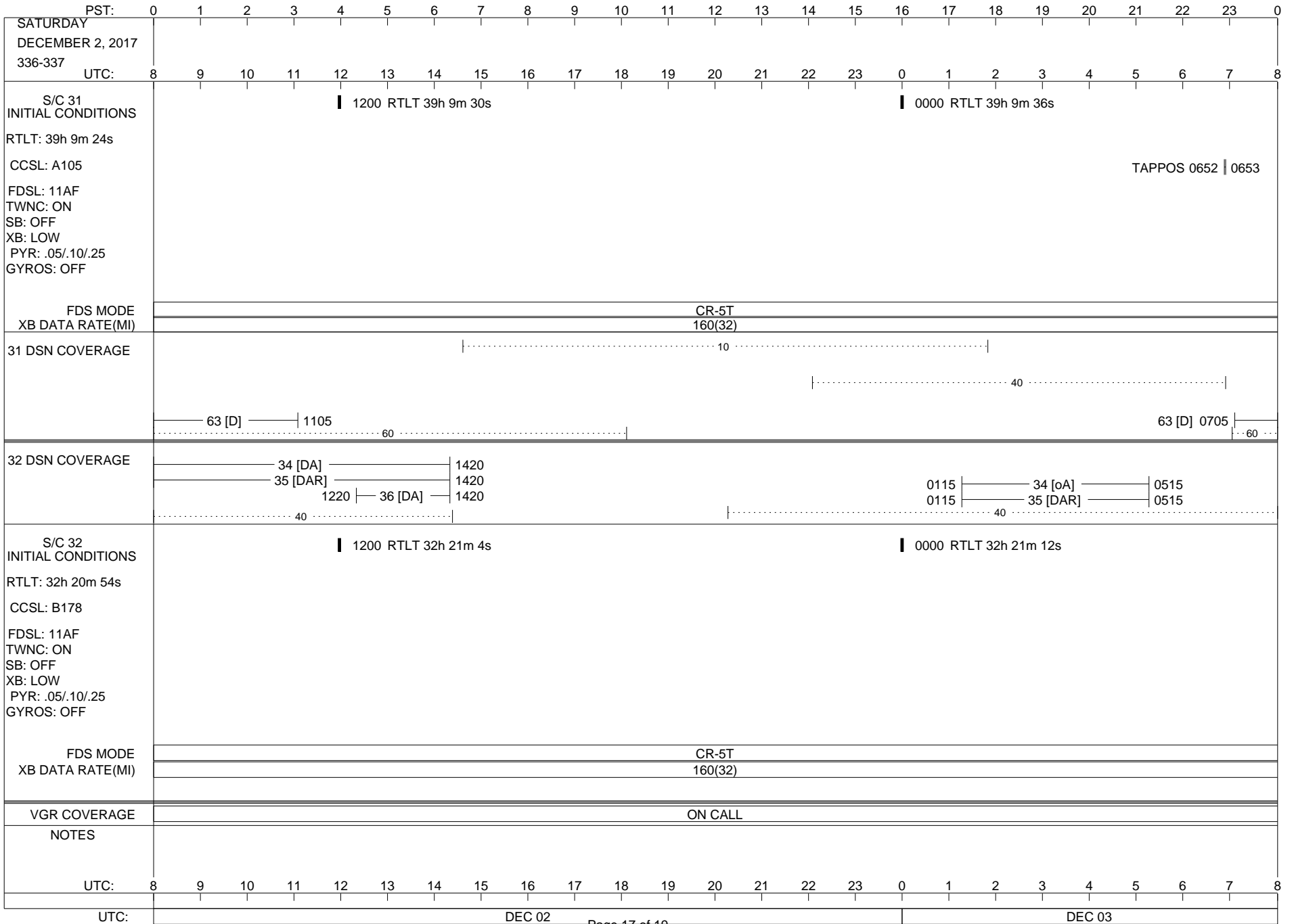
| PST:  | 0  | 1 | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12  | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 |
|---|--|---|----|----|----|----|----|----|----|----|----|----|---|----|----|----|----|----|----|----|----|----|----|----|---|
| THURSDAY<br>NOVEMBER 30, 2017<br>334-335  |  |   |    |    |    |    |    |    |    |    |    |    |   |    |    |    |    |    |    |    |    |    |    |    |   |
| 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>RTLTL: 39h 9m 2s<br>CCSL: A105<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/10/.25<br>GYROS: OFF   | 1200 RTLTL 39h 9m 8s                                       |   |    |    |    |    |    |    |    |    |    |    | 0000 RTLTL 39h 9m 14s   |    |    |    |    |    |    |    |    |    |    |    |   |
|   | TLC (SHORT-FORM)<br>D/L - 1112                             |   |    |    |    |    |    |    |    |    |    |    | 0352   0404 TAPPOS<br>PWS/RH 0653   0655<br>TAPPOS 0705   0707<br><br>0653 GS-4B 0655 ↓ |    |    |    |    |    |    |    |    |    |    |    |   |
| FDS MODE  | CR-5T  |   |    |    |    |    |    |    |    |    |    |    | CR-5T   |    |    |    |    |    |    |    |    |    |    |    |   |
| XB DATA RATE(MI)  | 160(32)  |   |    |    |    |    |    |    |    |    |    |    | 160(32)   |    |    |    |    |    |    |    |    |    |    |    |   |
| 31 DSN COVERAGE   | 63 [D]   1115  |   |    |    |    |    |    |    |    |    |    |    | 40  |    |    |    |    |    |    |    |    |    |    |    |   |
| 32 DSN COVERAGE   | 35 [DA]   1055<br>34 [DAR]   1345<br>1050   36 [DA]   1345 |   |    |    |    |    |    |    |    |    |    |    | 0630   35 [DA]<br>0630   36 [DAR]   |    |    |    |    |    |    |    |    |    |    |    |   |
| S/C 32<br>INITIAL CONDITIONS<br>RTLTL: 32h 20m 20s<br>CCSL: B178<br>FDSL: 11AF<br>TWNC: ON<br>SB: OFF<br>XB: LOW<br>PYR: .05/10/.25<br>GYROS: OFF | 1200 RTLTL 32h 20m 28s                                     |   |    |    |    |    |    |    |    |    |    |    | 0000 RTLTL 32h 20m 36s  |    |    |    |    |    |    |    |    |    |    |    |   |
| FDS MODE  | CR-5T  |   |    |    |    |    |    |    |    |    |    |    | CR-5T   |    |    |    |    |    |    |    |    |    |    |    |   |
| XB DATA RATE(MI)  | 160(32)  |   |    |    |    |    |    |    |    |    |    |    | 160(32)   |    |    |    |    |    |    |    |    |    |    |    |   |
| VGR COVERAGE  | ON CALL  |   |    |    |    |    |    |    |    |    |    |    | ON CALL   |    |    |    |    |    |    |    |    |    |    |    |   |
| NOTES   | [1] S/C 31=GS-4B @ 0653 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:  | NOV 30   |   |    |    |    |    |    |    |    |    |    |    | DEC 01  |    |    |    |    |    |    |    |    |    |    |    |   |



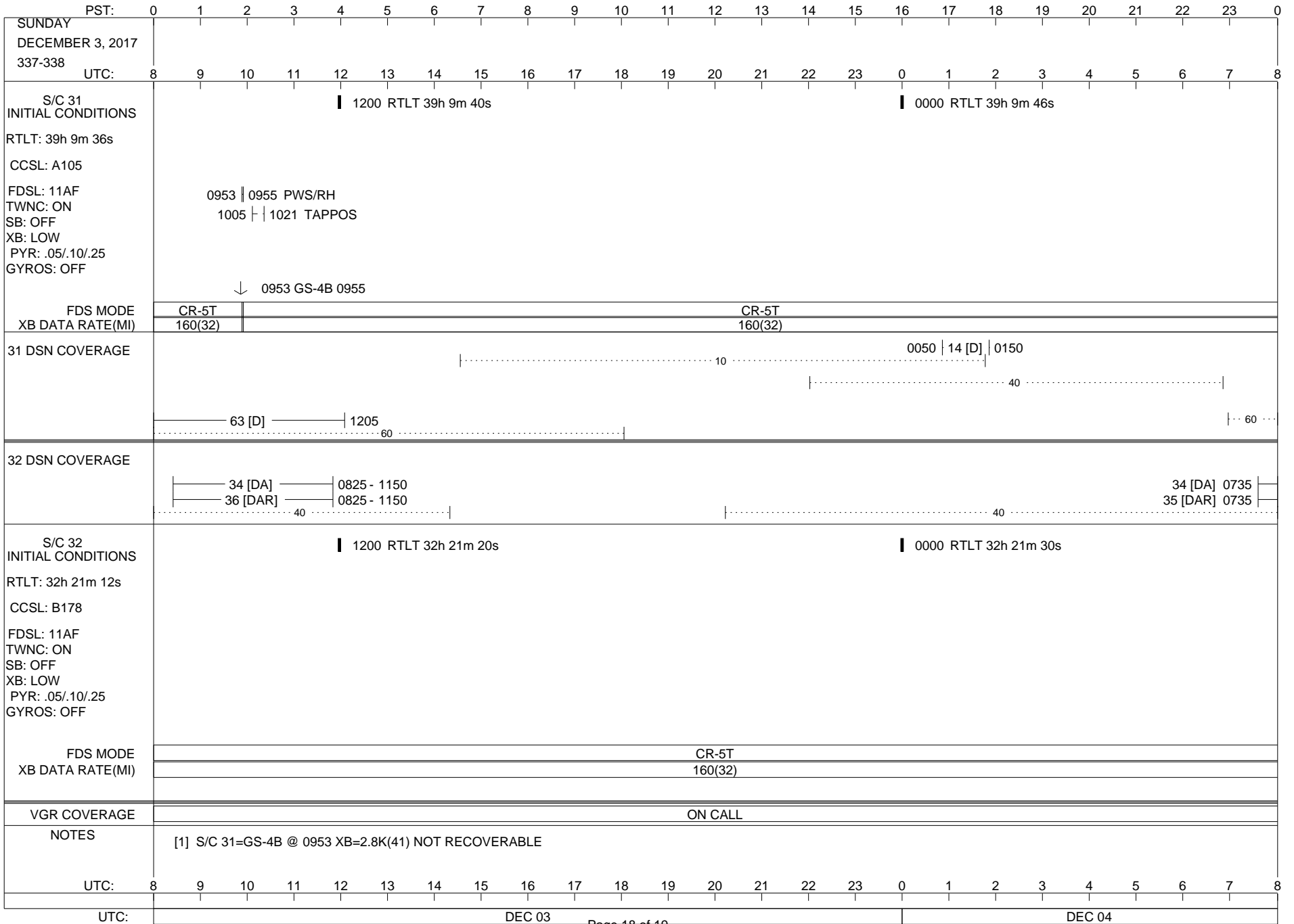
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| PST:                                  | 0                       | 1 | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12                               | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 |
|---------------------------------------|-------------------------|---|----|----|----|----|----|----|----|----|----|----|----------------------------------|----|----|----|----|----|----|----|----|----|----|----|---|
| MONDAY<br>DECEMBER 4, 2017<br>338-339 |                         |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
| 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 39h 9m 52s  |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
| RTLT: 39h 9m 46s                      |                         |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
| CCSL: A105                            |                         |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
| FDSL: 11AF                            |                         |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
| TWNC: ON                              |                         |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
| SB: OFF                               |                         |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
| XB: LOW                               |                         |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
| PYR: .05/.10/.25                      |                         |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
| GYROS: OFF                            |                         |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
| FDS MODE                              |                         |   |    |    |    |    |    |    |    |    |    |    | CR-5T                            |    |    |    |    |    |    |    |    |    |    |    |   |
| XB DATA RATE(MI)                      |                         |   |    |    |    |    |    |    |    |    |    |    | 160(32)                          |    |    |    |    |    |    |    |    |    |    |    |   |
| 31 DSN COVERAGE                       |                         |   |    |    |    |    |    |    |    |    |    |    | 1505  -----  14 [D]  -----  1905 |    |    |    |    |    |    |    |    |    |    |    |   |
|                                       | ..... 60 .....          |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
| 32 DSN COVERAGE                       |                         |   |    |    |    |    |    |    |    |    |    |    | 34 [DA]  -----  1305             |    |    |    |    |    |    |    |    |    |    |    |   |
|                                       |                         |   |    |    |    |    |    |    |    |    |    |    | 35 [DAR]  -----  1305            |    |    |    |    |    |    |    |    |    |    |    |   |
|                                       | ..... 40 .....          |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
| S/C 32<br>INITIAL CONDITIONS          | █ 1200 RTLT 32h 21m 38s |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
| RTLT: 32h 21m 30s                     |                         |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
| CCSL: B178                            |                         |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
| 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                                 |                         |   |    |    |    |    |    |    |    |    |    |    |                                  |    |    |    |    |    |    |    |    |    |    |    |   |
| 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:                                  | DEC 04                  |   |    |    |    |    |    |    |    |    |    |    | DEC 05                           |    |    |    |    |    |    |    |    |    |    |    |   |