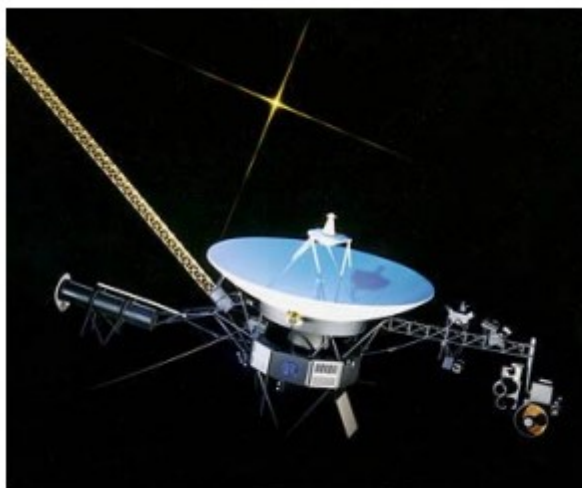


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: November 20, 2019

For the Period: 11/21/19 to 12/09/19 (19/325 – 19/343)



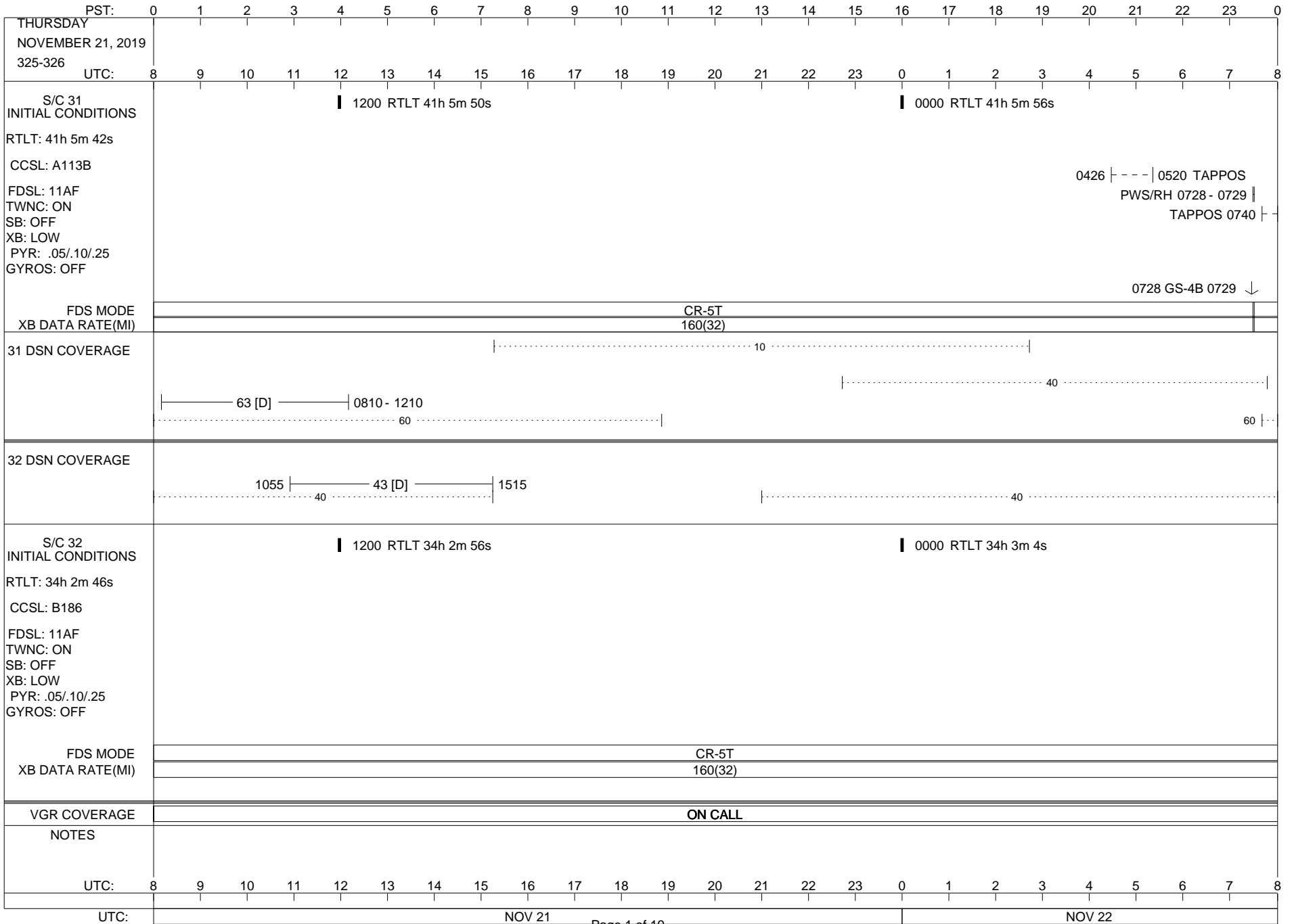
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

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

02/27/19

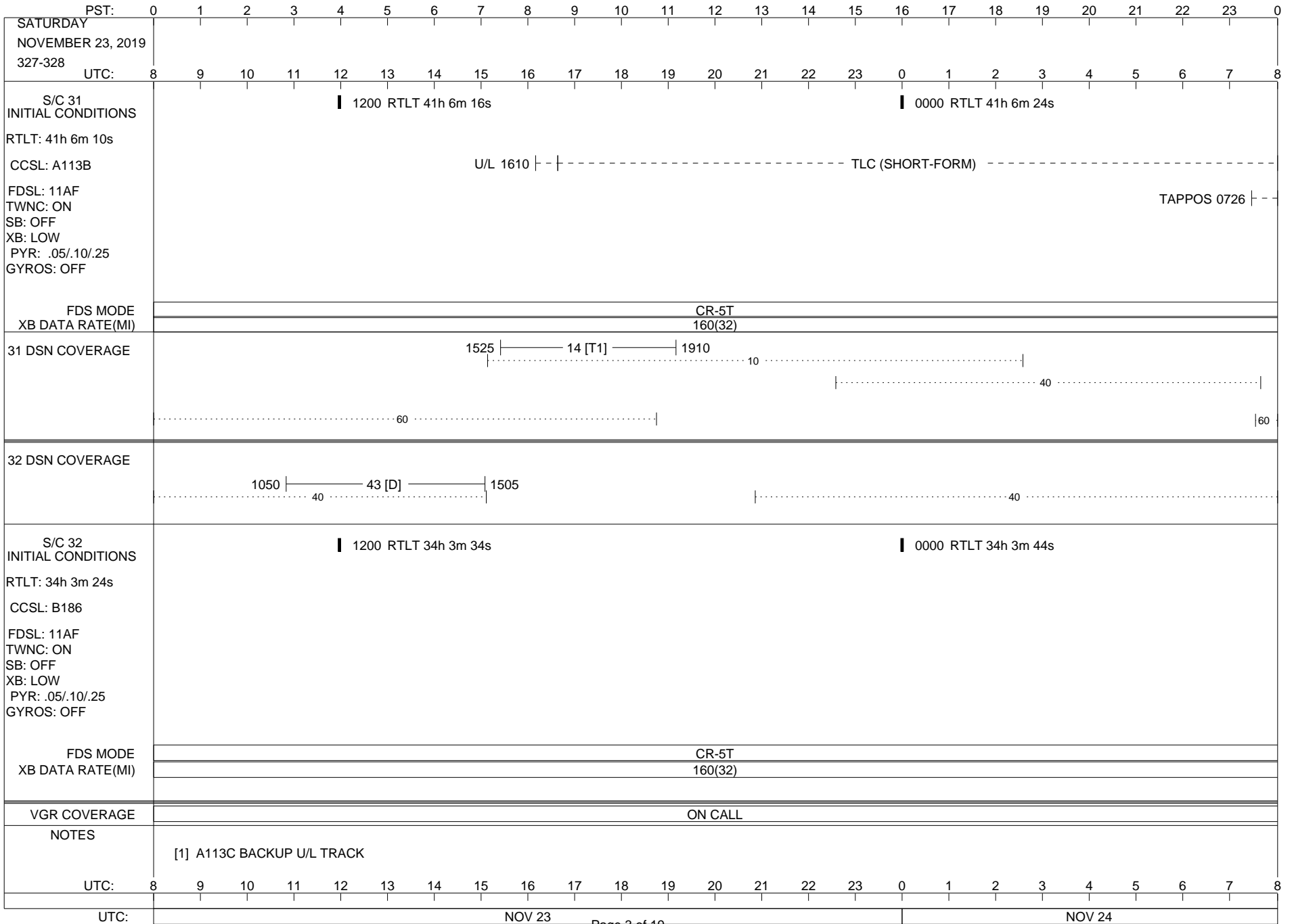
ISSUE DATE: 11/25/19 08:44



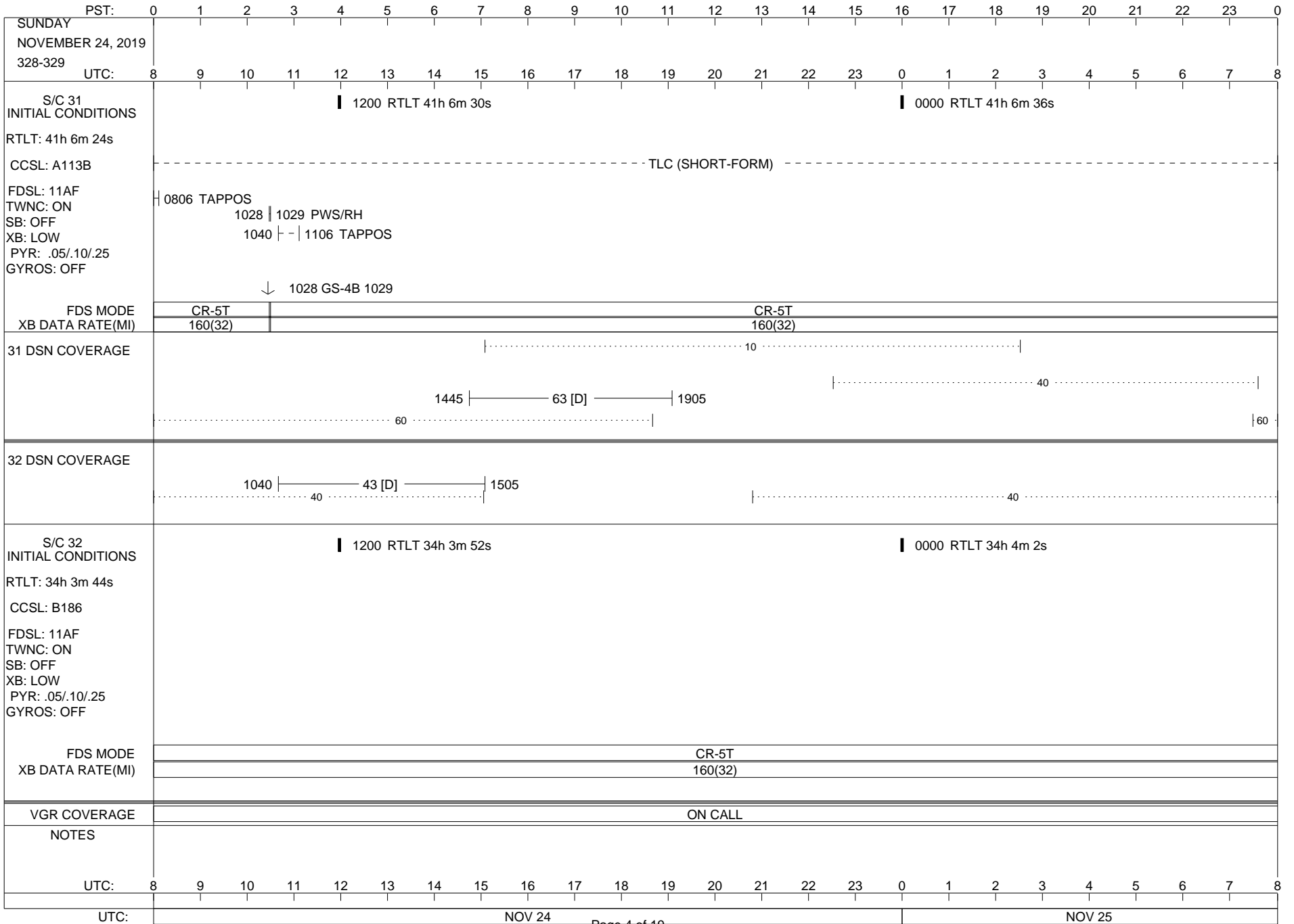
ISSUE DATE: 11/25/19 08:44

| 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 |
|--|---|---|----|----|--------|----|----|----|---------|----|----|----|------------------------------|----|----|----|----|----|----|----|----|----|----|----|---|
| FRIDAY NOVEMBER 22, 2019 326-327 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 INITIAL CONDITIONS | 1200 RTLT 41h 6m 4s | | | | | | | | | | | | 0000 RTLT 41h 6m 10s | | | | | | | | | | | | |
| RTLT: 41h 5m 56s | 1053 * 1057 A113C CHKSUM | | | | | | | | | | | | | | | | | | | | | | | | |
| CCSL: A113B | 1129 * 1136 CCSTIM FINE | | | | | | | | | | | | | | | | | | | | | | | | |
| FDSL: 11AF | 1148 * 1151 COARSE | | | | | | | | | | | | | | | | | | | | | | | | |
| TWNC: ON | 0820 TAPPOS | | | | | | | | | | | | 1157 * 1159 AHEL12 SID MRO'S | | | | | | | | | | | | |
| SB: OFF | | | | | | | | | | | | | 1212 YAW SSB UPD | | | | | | | | | | | | |
| XB: LOW | | | | | | | | | | | | | | | | | | | | | | | | | |
| PYR: .05/10/.25 | | | | | | | | | | | | | | | | | | | | | | | | | |
| GYROS: OFF | | | | | | | | | | | | | | | | | | | | | | | | | |
| EL-40 1025 * | 1200 CR-5T | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | EL-40 | | | | CR-5T | | | | | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | 40(30) | | | | 160(32) | | | | | | | | | | | | | | | | |
| 31 DSN COVERAGE | 63 [D] 0835 - 1235 | | | | | | | | | | | | 1810 63 [D] 1910 | | | | | | | | | | | | |
| | 60 | | | | | | | | | | | | 40 | | | | | | | | | | | | |
| 32 DSN COVERAGE | 43 [D] 0830 - 1325 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 40 | | | | | | | | | | | | 40 | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS | 1200 RTLT 34h 3m 14s | | | | | | | | | | | | 0000 RTLT 34h 3m 24s | | | | | | | | | | | | |
| RTLT: 34h 3m 4s | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCSL: B186 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 @ 1025 XB=40(30) [2] S/C 31=CR-5T @ 1200 XB=160(32) | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 22 | | | | | | | | | | | | NOV 23 | | | | | | | | | | | | |

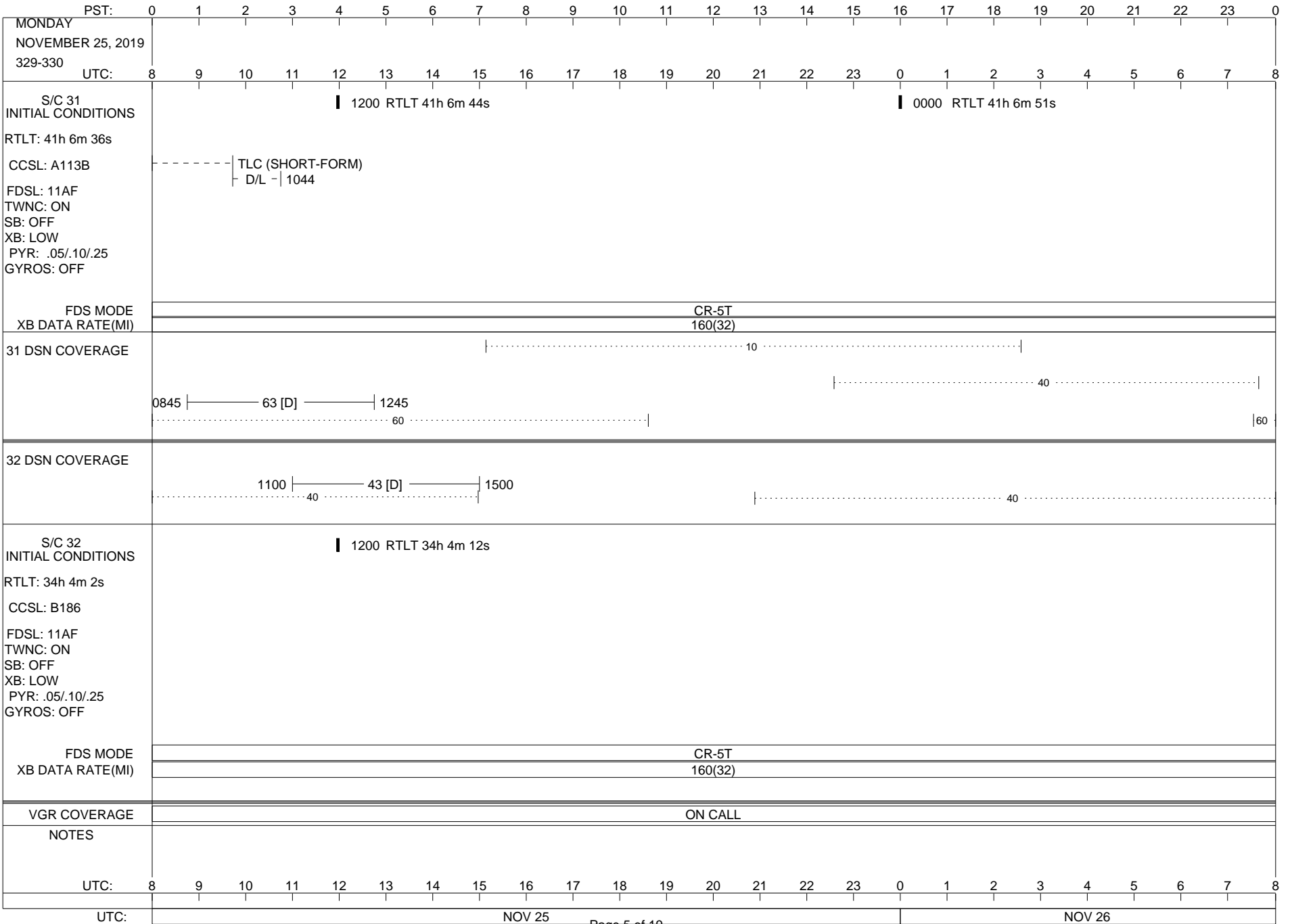
ISSUE DATE: 11/25/19 08:44



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ISSUE DATE: 11/25/19 08:44

| | |
|---|--|
| 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 | |
| TUESDAY NOVEMBER 26, 2019 330-331 | |
| 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 INITIAL CONDITIONS RTLT: 41h 6m 44s CCSL: A113B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLT 41h 6m 57s 0000 RTLT 41h 7m 2s 0051 0052 PWS/RH ↓ 0051 GS-4B 0052 |
| FDS MODE | CR-5T |
| XB DATA RATE(MI) | 160(32) |
| 31 DSN COVERAGE |10.....40..... 1425 ----- 63 [D] ----- 185560.....60 |
| 32 DSN COVERAGE | 1050 ----- 43 [D] ----- 145040.....40 |
| S/C 32 INITIAL CONDITIONS RTLT: 31h 6m 51s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 0000 RTLT 34h 4m 40s |
| 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: NOV 26 NOV 27 | |

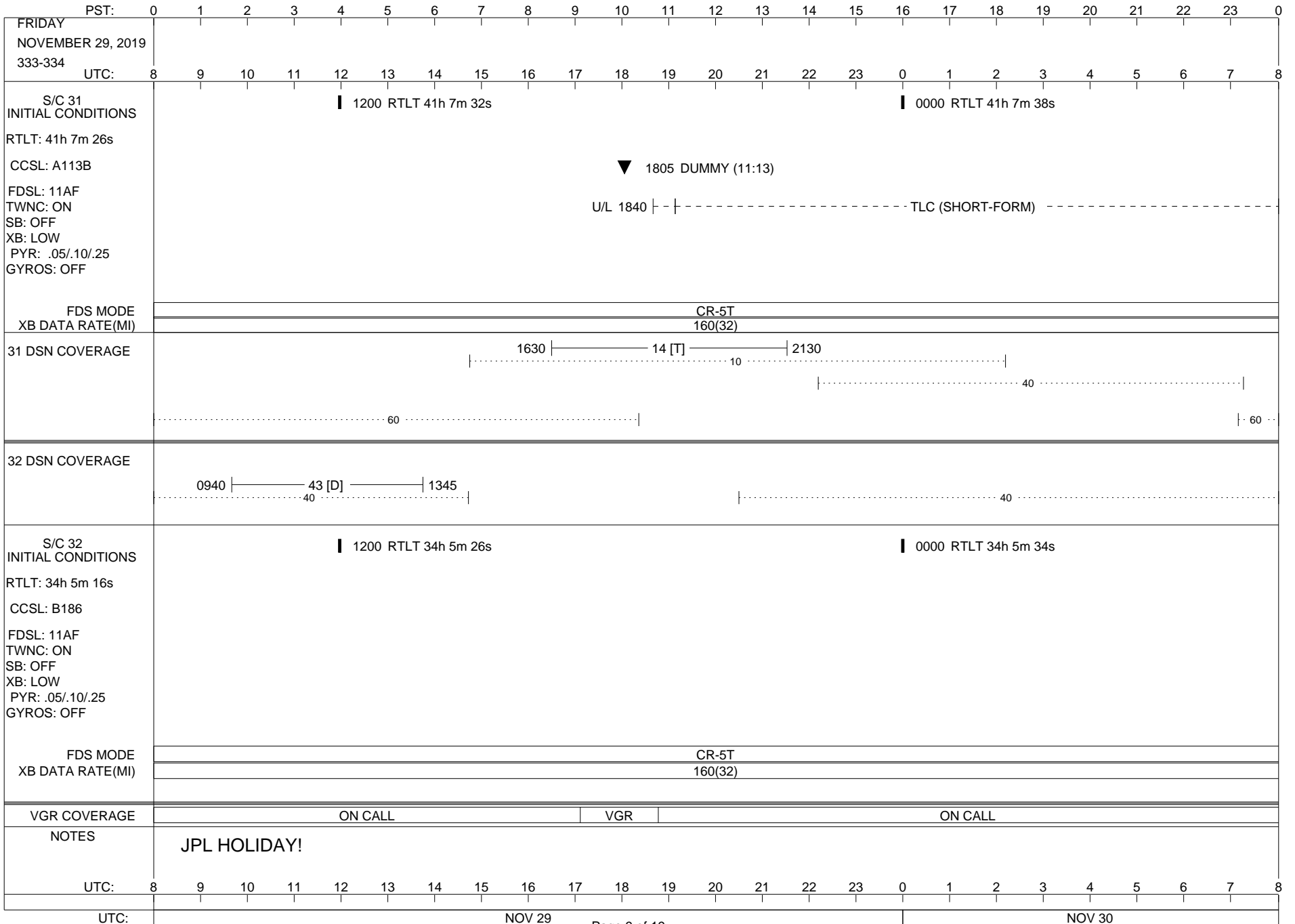
ISSUE DATE: 11/25/19 08:44

| 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 | | | |
|------------------------------|--|--|---|----|----|----|----|----|-----|----|----|----|----|----|----|------------------------|----|----|----|----|----|----|----|----|----|---|--|--|--|
| WEDNESDAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOVEMBER 27, 2019 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 331-332 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 INITIAL CONDITIONS | | █ 1200 RTLT 41h 7m 8s | | | | | | | | | | | | | | █ 0000 RTLT 41h 7m 14s | | | | | | | | | | | | | |
| RTLTL: 41h 7m 2s | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCSL: A113B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | <p>Detailed description: This plot shows coverage for 31 DSN COVERAGE. The x-axis represents UTC time from 08:00 to 08:00. The y-axis represents signal strength. A dotted line indicates the coverage level, which is mostly at the 60 level. There are two main signal events: one starting at 1600 and ending at 1850 with a data rate of 63 [D], and another starting at 0000 and ending at 0400 with a data rate of 40. The plot is bounded by vertical lines at 08:00 and 08:00.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | | <p>Detailed description: This plot shows coverage for 32 DSN COVERAGE. The x-axis represents UTC time from 08:00 to 08:00. The y-axis represents signal strength. A dotted line indicates the coverage level, which is mostly at the 40 level. There is one main signal event starting at 1105 and ending at 1450 with a data rate of 43 [B]. The plot is bounded by vertical lines at 08:00 and 08:00.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS | | █ 1200 RTLT 34h 4m 48s | | | | | | | | | | | | | | █ 0000 RTLT 34h 4m 58s | | | | | | | | | | | | | |
| RTLTL: 34h 4m 40s | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCSL: B186 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDSL: 11AF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TWNC: ON | | ▼ 1132 DUMMY (5 MIN BRACKETED 21:37) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 27 | | | | | | | | | | | | | | NOV 28 | | | | | | | | | | | | | |

ISSUE DATE: 11/25/19 08:44

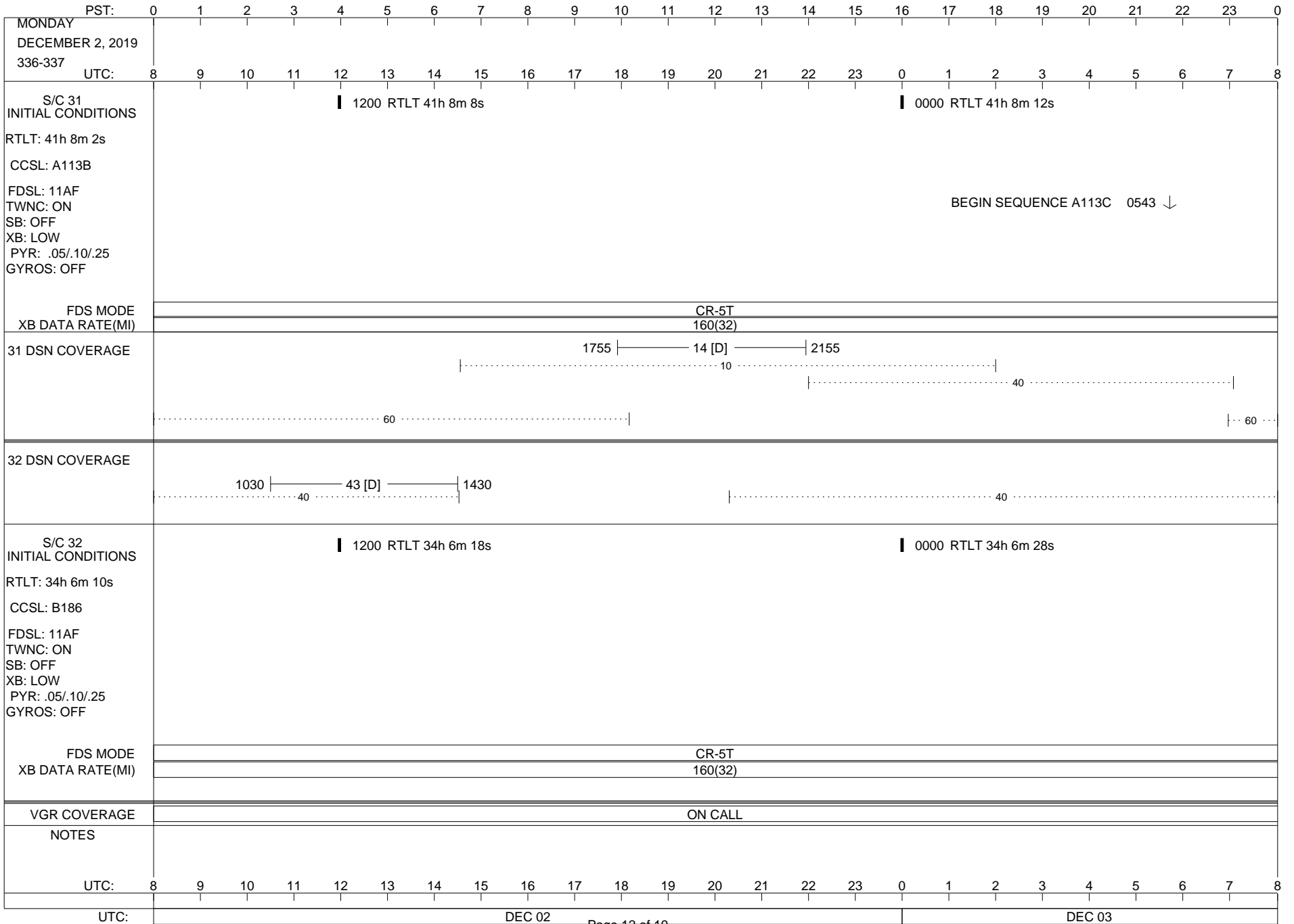
| PST: | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 |
|---|----------------------------|----|----|----|----|----|----|----|----|----|----|----|--|----|----|----|----|----|----|----|----|----|----|----|---|
| THURSDAY NOVEMBER 28, 2019 332-333 | 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 INITIAL CONDITIONS RTLT: 41h 7m 14s CCSL: A113B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLT 41h 7m 20s | | | | | | | | | | | | 0000 RTLT 41h 7m 26s | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 DSN COVERAGE | 60 | | | | | | | | | | | | 2215 14 [D] 0215 1715 63 [D] 1845 40 | | | | | | | | | | | | |
| 32 DSN COVERAGE | 0935 43 [D] 1420 40 | | | | | | | | | | | | 40 | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 34h 4m 58s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLT 34h 5m 8s | | | | | | | | | | | | 0000 RTLT 34h 5m 16s | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | | | | | | | | | | | | | |
| VGR COVERAGE | | | | | | | | | | | | | ON CALL | | | | | | | | | | | | |
| NOTES | 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 28 | | | | | | | | | | | | NOV 29 | | | | | | | | | | | | |

ISSUE DATE: 11/25/19 08:44



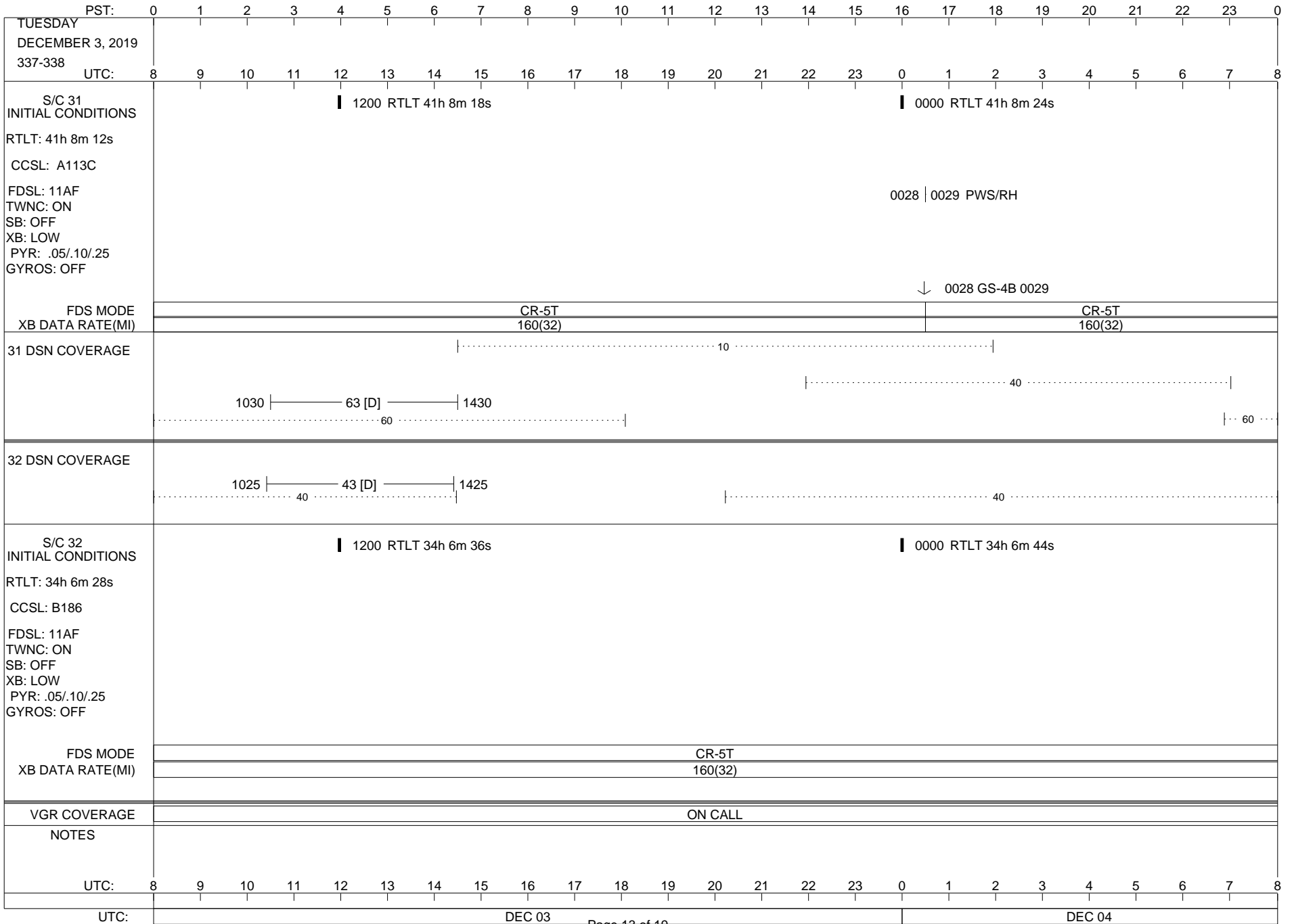
ISSUE DATE: 11/25/19 08:44

| 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 | | |
|--|--------------------------------|----|----|----|--------------|----|----|----|----|----|--------------------------------|----|-----------------------|--------|----|----|----|----|----|----|--------------|----|--------------|----|---|--|--------------|
| SATURDAY NOVEMBER 30, 2019 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 INITIAL CONDITIONS RTLTL: 41h 7m 38s CCSL: A113B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLTL 41h 7m 44s | | | | | | | | | | | | 0000 RTLTL 41h 7m 50s | | | | | | | | | | | | | | |
| TAPPOS 0703 0704 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ----- TLC (SHORT-FORM) ----- | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE | | | | | | | | | | | | | CR-5T | | | | | | | | | | | | | | |
| XB DATA RATE(MI) | | | | | | | | | | | | | 160(32) | | | | | | | | | | | | | | |
| 31 DSN COVERAGE |60..... | | | | | | | | | | 2205 ----- 14 [D] ----- 0205 | | | | | | | | | |40..... | | | | | |60..... |
| 32 DSN COVERAGE | 1020 ----- 43 [D] ----- 1435 | | | |40..... | | | | | | | | | | | | | | | | | |40..... | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 34h 5m 34s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLTL 34h 5m 44s | | | | | | | | | | | | 0000 RTLTL 34h 5m 52s | | | | | | | | | | | | | | |
| 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: | NOV 30 | | | | | | | | | | | | | DEC 01 | | | | | | | | | | | | | |

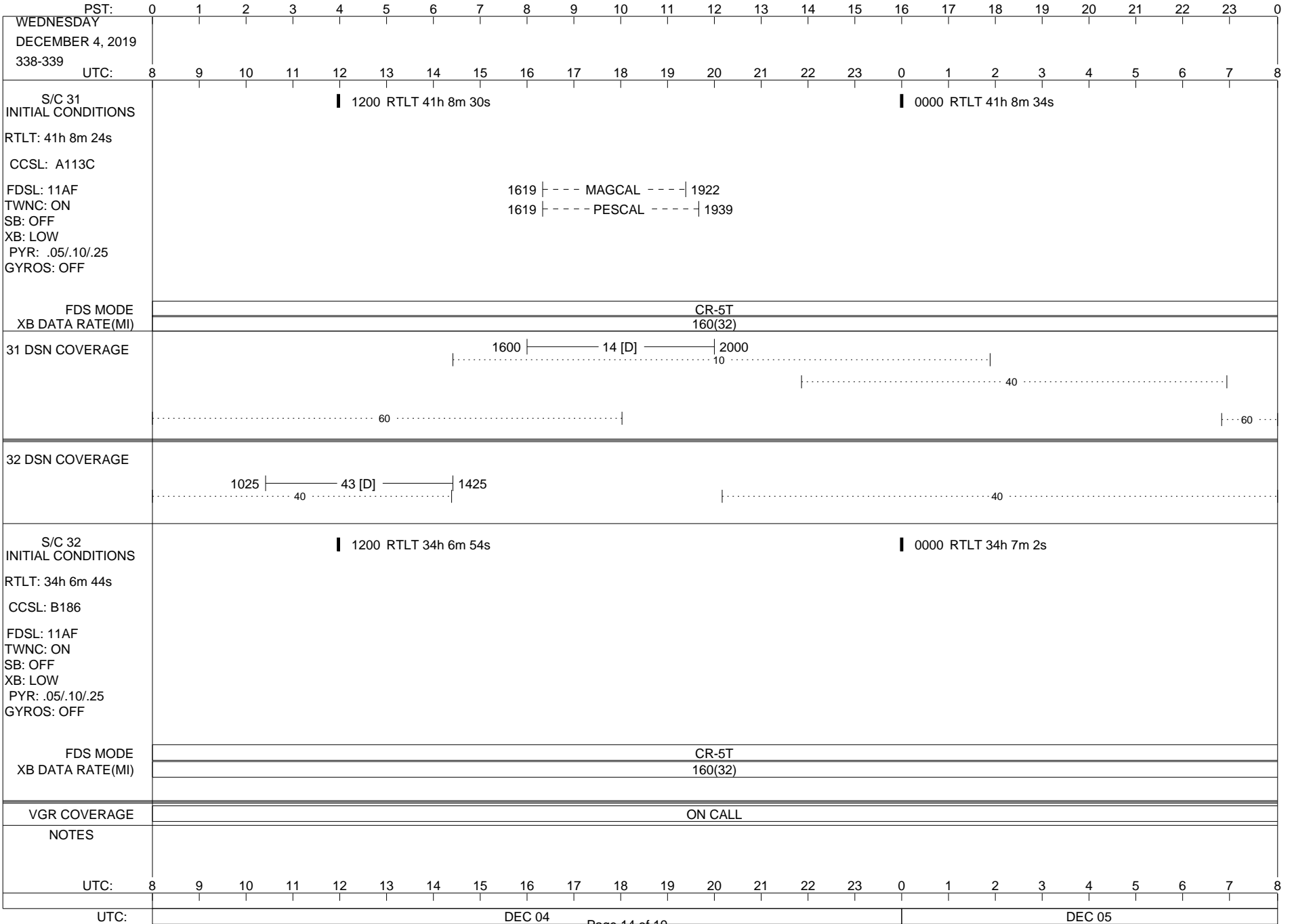


BEGIN SEQUENCE A113C 0543 ↓

ISSUE DATE: 11/25/19 08:44



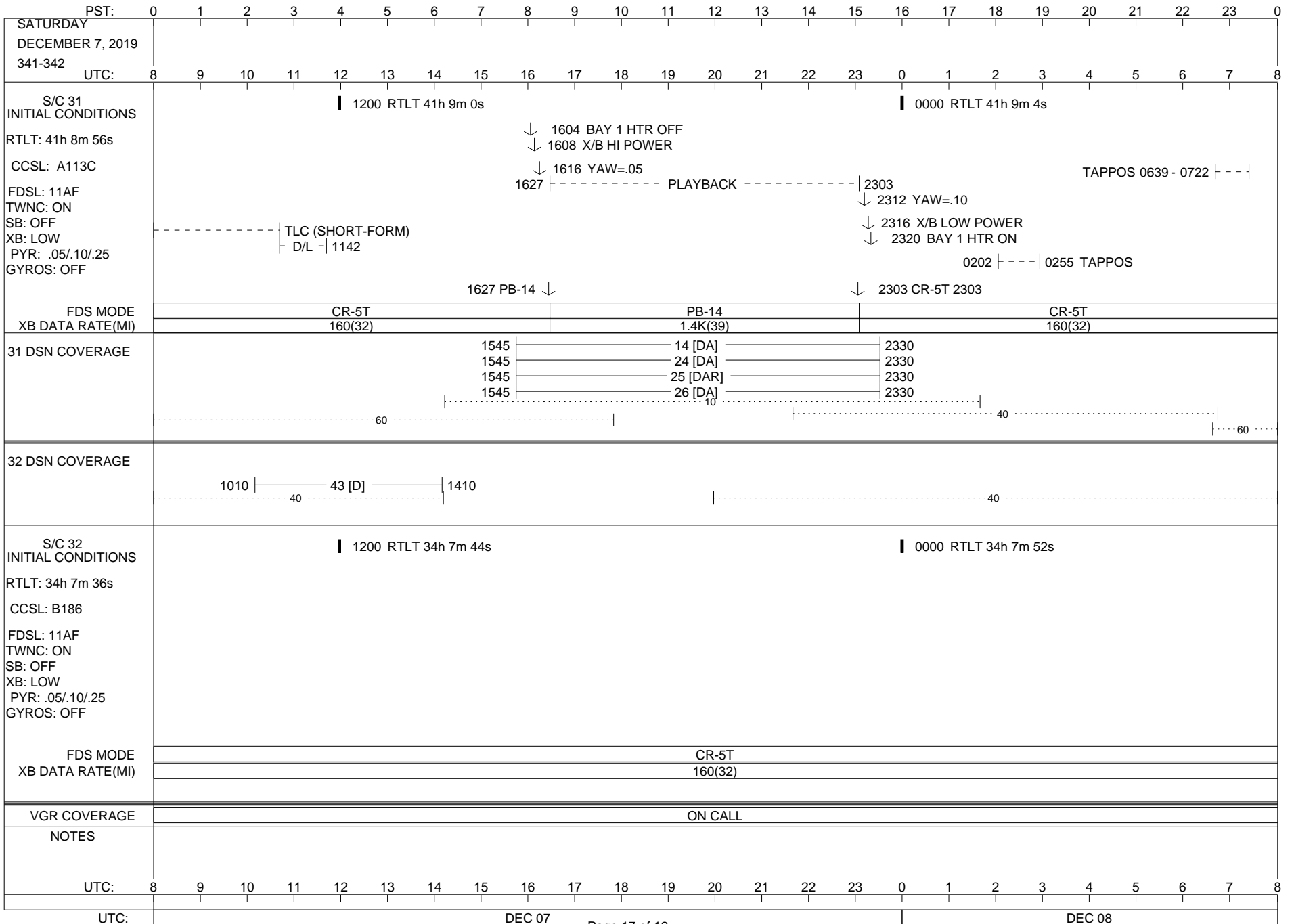
ISSUE DATE: 11/25/19 08:44



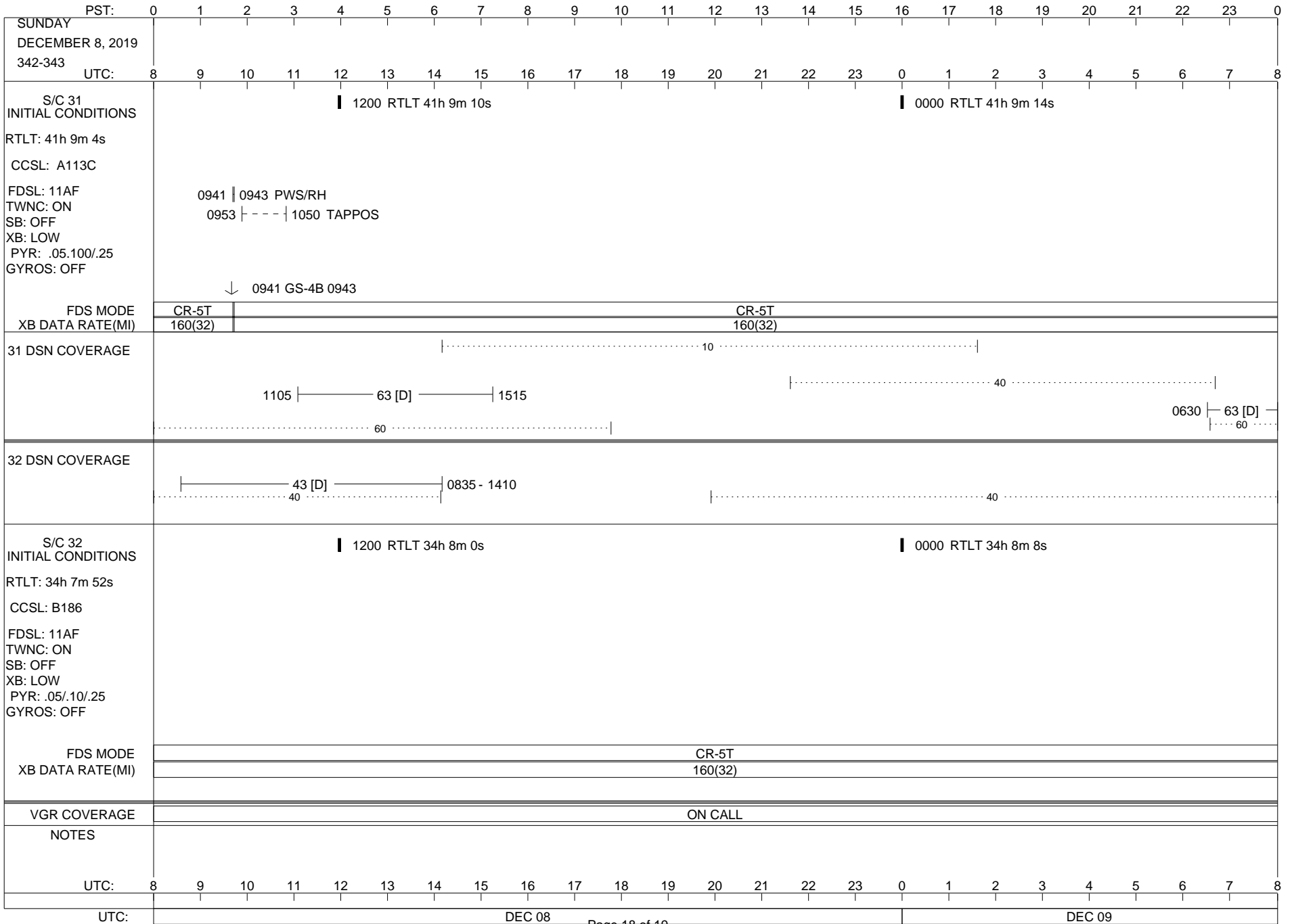
| PST: | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | | | | | | | | |
|--|--|---|----|----|----|----|----|-----|----|----|----|---|----|--------|---------|----|----|----|----|----|----|-----|----|----|---|--|--|---------|--|--|--|--|--|
| THURSDAY DECEMBER 5, 2019 339-340 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 INITIAL CONDITIONS RTLTL: 41h 8m 34s CCSL: A113C FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF | 1200 RTLTL 41h 8m 40s | | | | | | | | | | | 0000 RTLTL 41h 8m 44s | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | 0408 TAPPOS PWS/RH 0641 0643 TAPPOS 0653 - 0736 --- 1640 DUMMY (09:49) U/L 1705 --- ----- TLC (SHORT-FORM) ----- 0641 GS-4B 0643 ↓ | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | CR-5T | | | | | | | | | | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | 160(32) | | | | | | | | | | | | | | | | | | | | | |
| 31 DSN COVERAGE | 10 40 1615 --- 63 [T] --- 1820 60 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | 40 1020 --- 43 [D] --- 1420 40 40 2325 --- 43 [Bo] --- 0315 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 34h 7m 2s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF | 1200 RTLTL 34h 7m 10s | | | | | | | | | | | 0000 RTLTL 34h 7m 20s | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | 0047 DUMMY (5 MIN BRACKETED 10:55) | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | CR-5T | | | | | | | | | | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | 160(32) | | | | | | | | | | | | | | | | | | | | | |
| VGR COVERAGE | ON CALL | | | | | | | VGR | | | | | | | 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: | DEC 05 | | | | | | | | | | | | | DEC 06 | | | | | | | | | | | | | | | | | | | |

ISSUE DATE: 11/25/19 08:44

| | | |
|--|--|--|
| FRIDAY DECEMBER 6, 2019 340-341 | | 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 INITIAL CONDITIONS RTLT: 41h 8m 44s CCSL: A113C FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF FDS MODE XB DATA RATE(MI) | | 1200 RTLT 41h 8m 50s 0000 RTLT 41h 8m 56s 0347 - 0417 TAPPOS ----- TLC (SHORT-FORM) ----- CR-5T 160(32) |
| 31 DSN COVERAGE | |10.....0155 ----- 43 [D] ----- 0555 40.....60.....60..... |
| 32 DSN COVERAGE | |40.....40..... |
| S/C 32 INITIAL CONDITIONS RTLT: 34h 7m 20s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF FDS MODE XB DATA RATE(MI) | | 1200 RTLT 34h 7m 28s 0000 RTLT 34h 7m 36s CR-5T 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 06 DEC 07 |



ISSUE DATE: 11/25/19 08:44



ISSUE DATE: 11/25/19 08:44

| 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 DECEMBER 9, 2019 343-344 | 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 INITIAL CONDITIONS RTLTL: 41h 9m 14s CCSL: A113C FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/100/.25 GYROS: OFF | <p style="text-align: center;">█ 1200 RTLTL 41h 9m 20s</p> | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | |
| 31 DSN COVERAGE | <p style="text-align: center;">1405 ----- 14 [D] ----- 1835</p> <p style="text-align: center;">63 [D] ----- 0950</p> <p style="text-align: center;">.....60..... </p> | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | <p style="text-align: center;">1005 ----- 43 [D] ----- 1405</p> <p style="text-align: center;">.....40..... </p> | | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 34h 8m 8s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF | <p style="text-align: center;">█ 1200 RTLTL 34h 8m 16s</p> | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | | | | | | | | | | | | | CR-5T 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 09 | | | | | | | | | | | | | DEC 10 | | | | | | | | | | | | |