

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: November 15, 2007

For the Period: 11/15/07 to 12/03/07 (07-319 – 07-337)

DSN OPSCHIEF (1) 230-102

SCIENCE

FLIGHT TEAM (14) 600-100

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 Howard, S. (3)
 Jaeger, J.
 Ludwig, R. (2)
 Massey, Ed
 Matsumoto, S.
 Medina
 Poynter, R.
 Weeks, T.
 Wong, R.
 Zottarelli, L.
 *odivers@san.rr.com

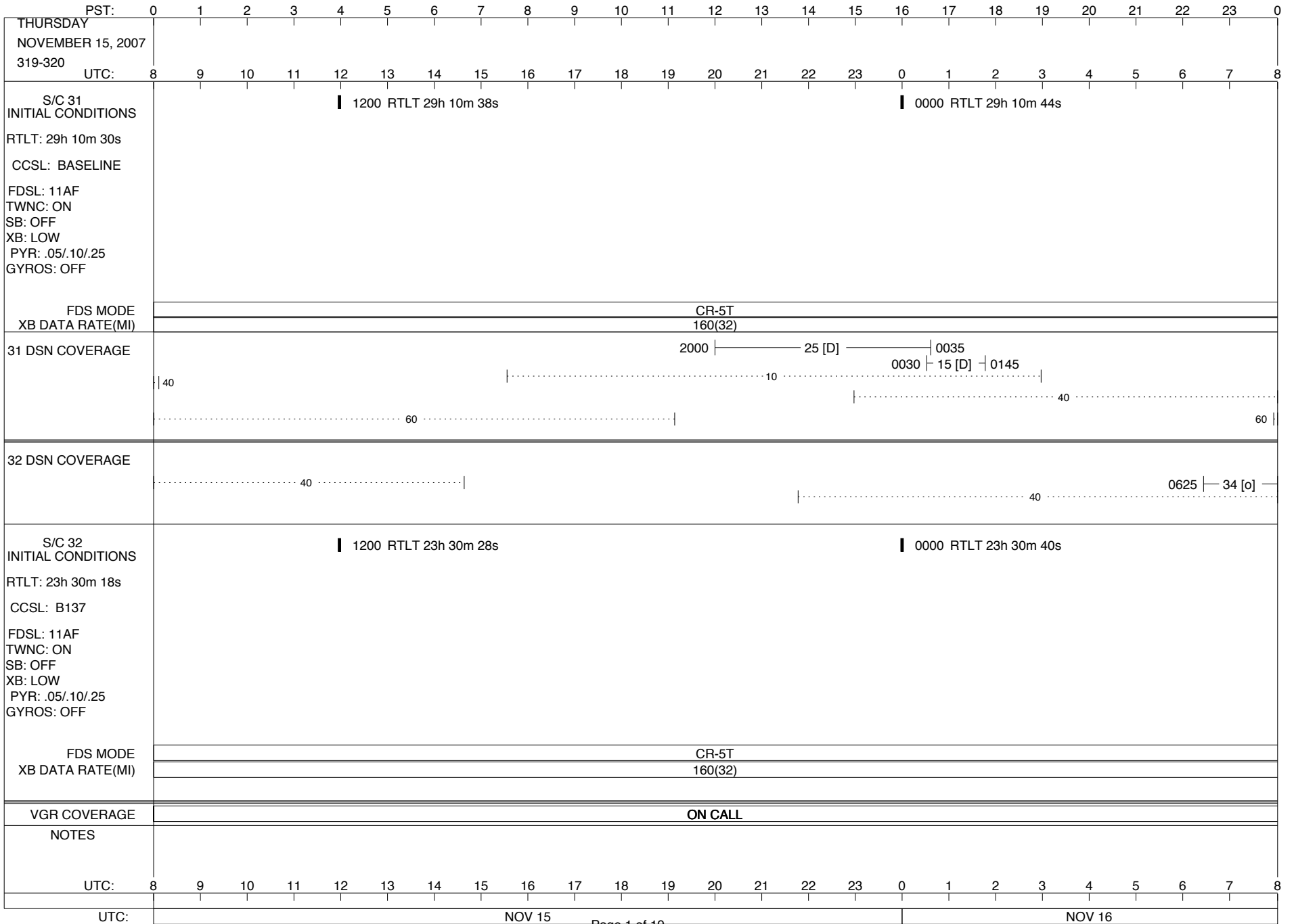
OTHER

* KMassey@jgld.gdscc.nasa.gov
 * Belinda.Arroyo@jpl.nasa.gov
 * Peter.T.Poon@jpl.nasa.gov
 * DSN-MPSETA@jjpl.jpl.nasa.gov

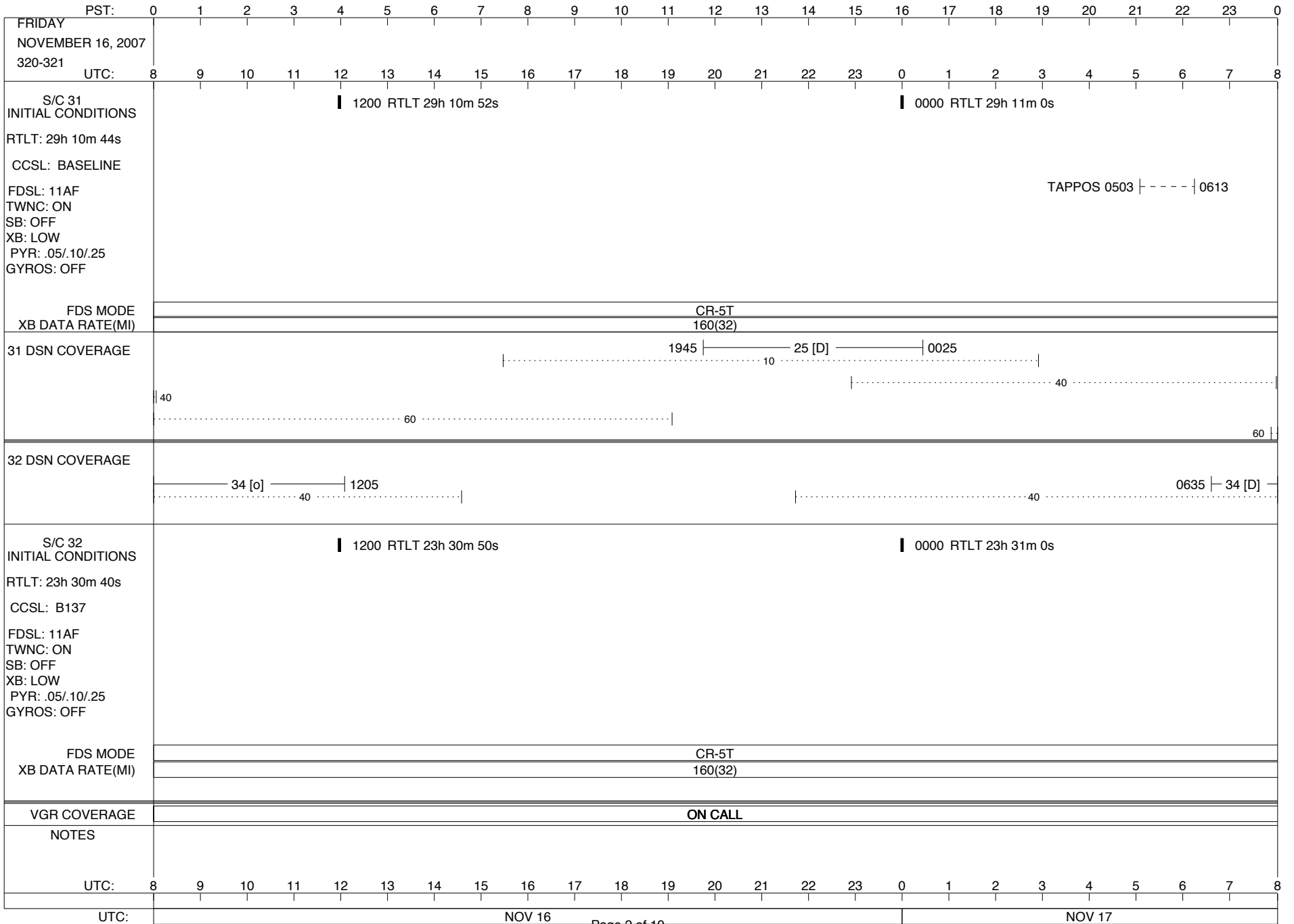
LEGEND:
 ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U =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

*Electronic Copy Only
 (16 – Dist/N: Paper Copies)
 08/30/07

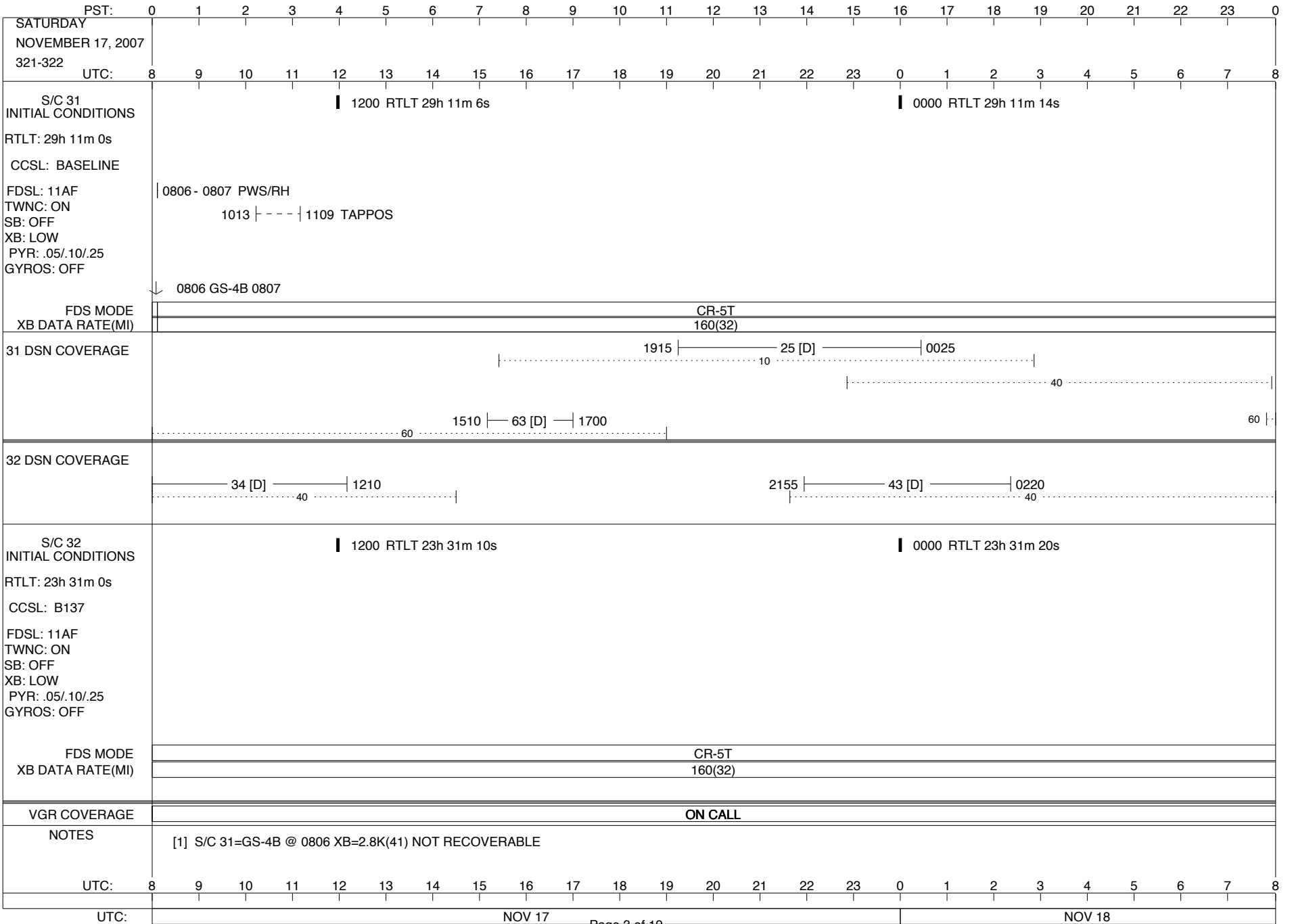
ISSUE DATE: 11/21/07 13:53



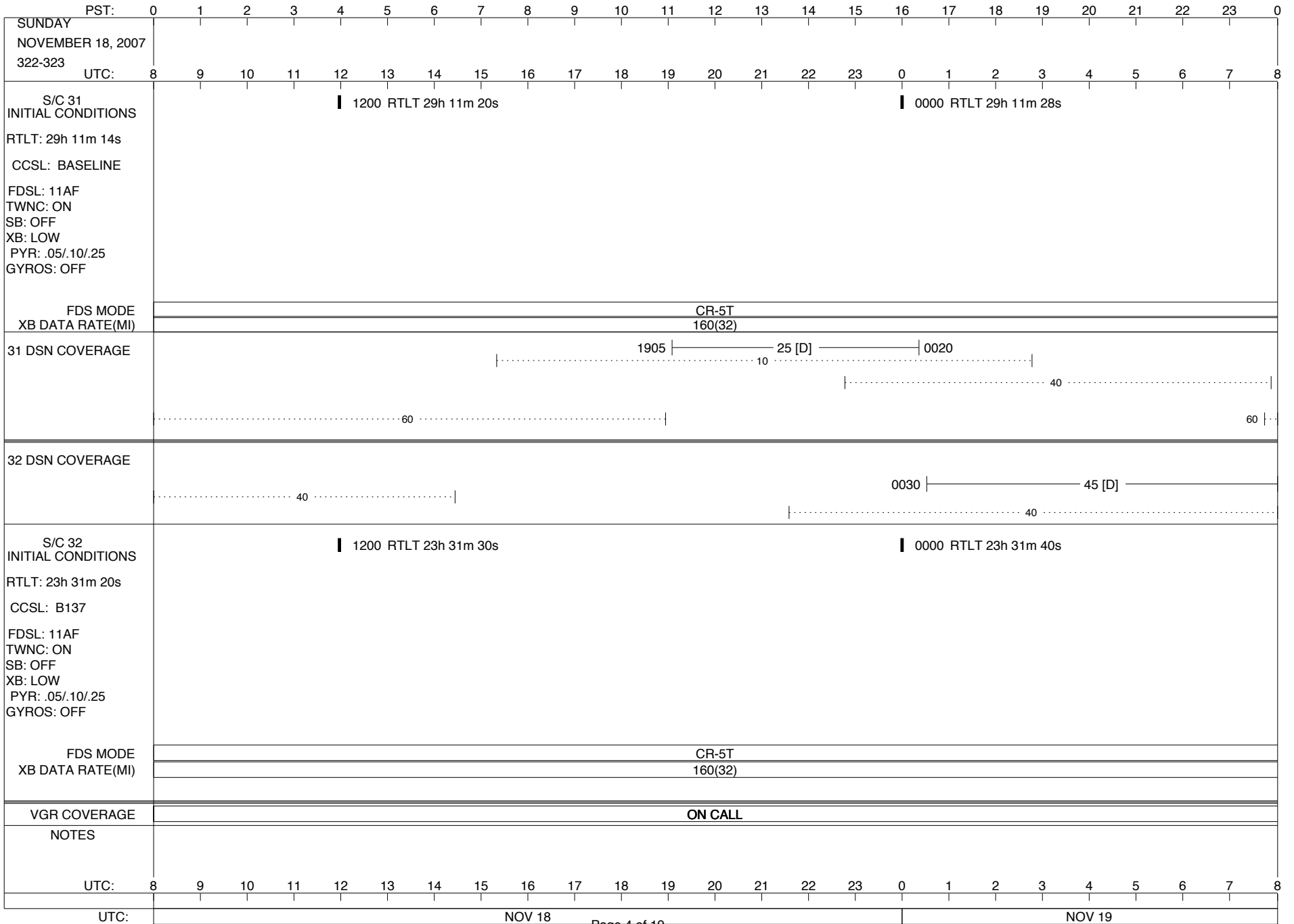
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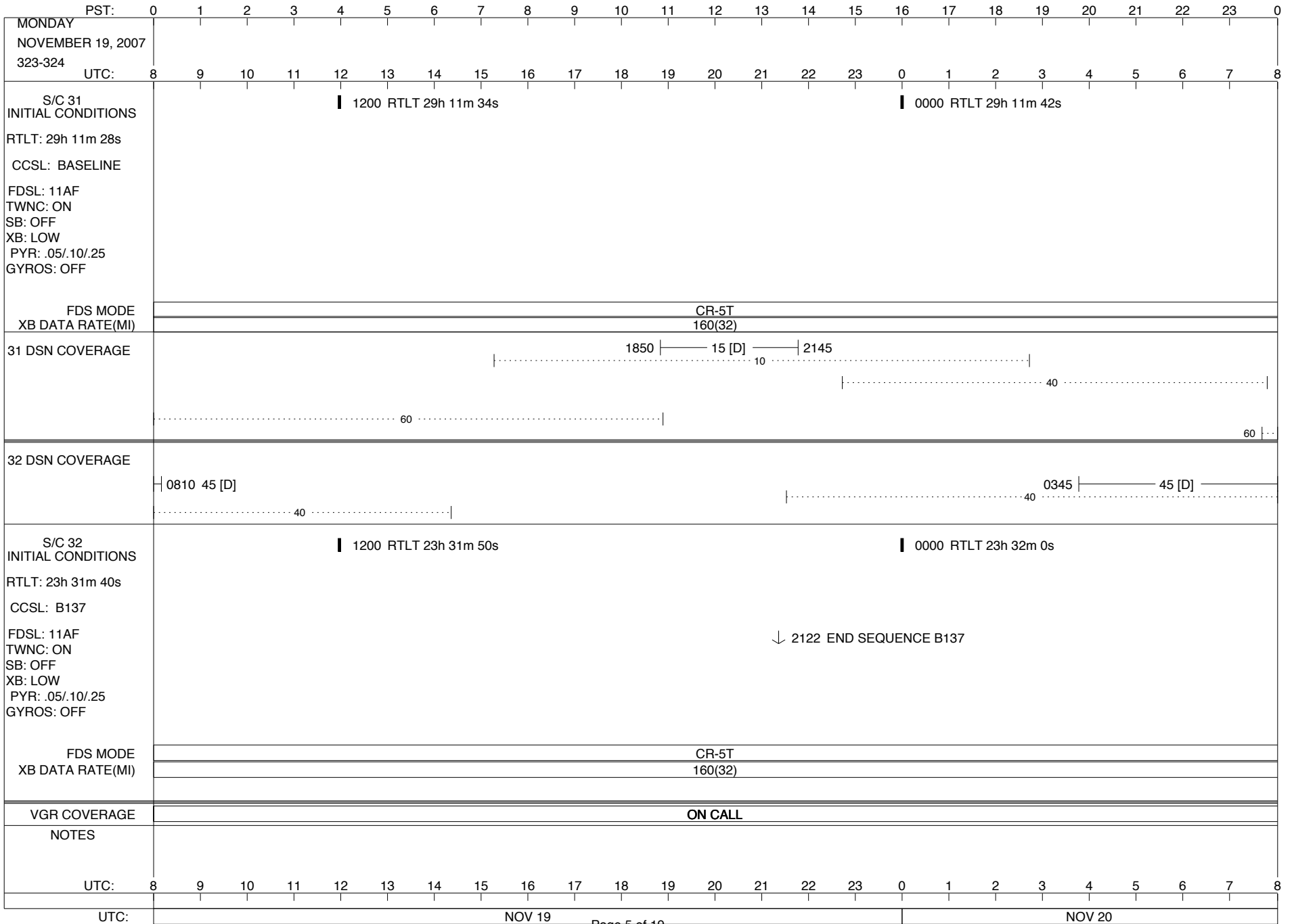
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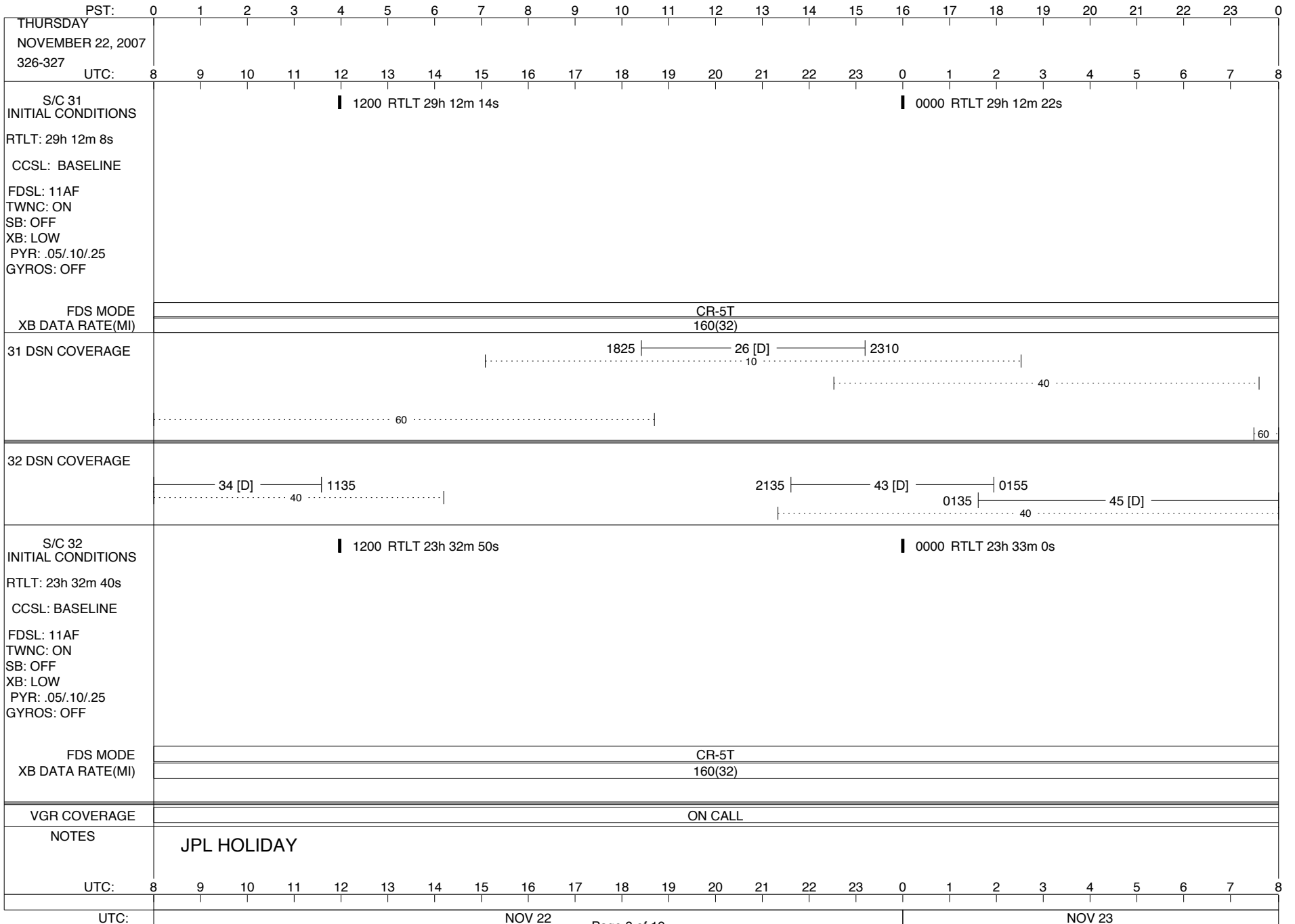
ISSUE DATE: 11/21/07 13:53



| 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 20, 2007 324-325 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 29h 11m 42s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF | 1200 RTLT 29h 11m 48s ▼ 1455 PSU INST ON (20:07) ▼ 1525 PSU INST OFF (20:37) ▼ 1555 DUMMY (21:07) ▼ 1600 CCSTIM (21:12) | | | | | | | | | | | | 0000 RTLT 29h 11m 54s U/L 1615 - - - - - - TLC (SHORT-FORM) - - - - - 0142 0143 PWS/RH ↓ 0142 GS-4B 0143 | | | | | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | | | | | | |
| 31 DSN COVERAGE | 2115 ----- 15 [D] ----- 0115 ----- 10 ----- 40 1215 ----- 63 [T] ----- 1645 ----- 60 ----- 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | 45 [D] ----- 1325 ----- 40 ----- 40 2215-0720 ----- 43 [H] ----- ----- 40 ----- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 23h 32m 0s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF | 1200 RTLT 23h 32m 10s | | | | | | | | | | | | 0000 RTLT 23h 32m 20s ▼ 0238 EL-40 (02:10) ▼ 0259 CCSL B138 (02:32) ▼ 0330 DUMMY (03:02) ▼ 0337 CR-5T (03:10) | | | | | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VGR COVERAGE | ON CALL | | | | | | VGR | | | | | | ON CALL | | | | | | VGR | | | | | | ON CALL | | | | | |
| NOTES | [1] S/C 31=GS-4B @ 0142 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 20 | | | | | | | | | | | | NOV 21 | | | | | | | | | | | | | | | | | |

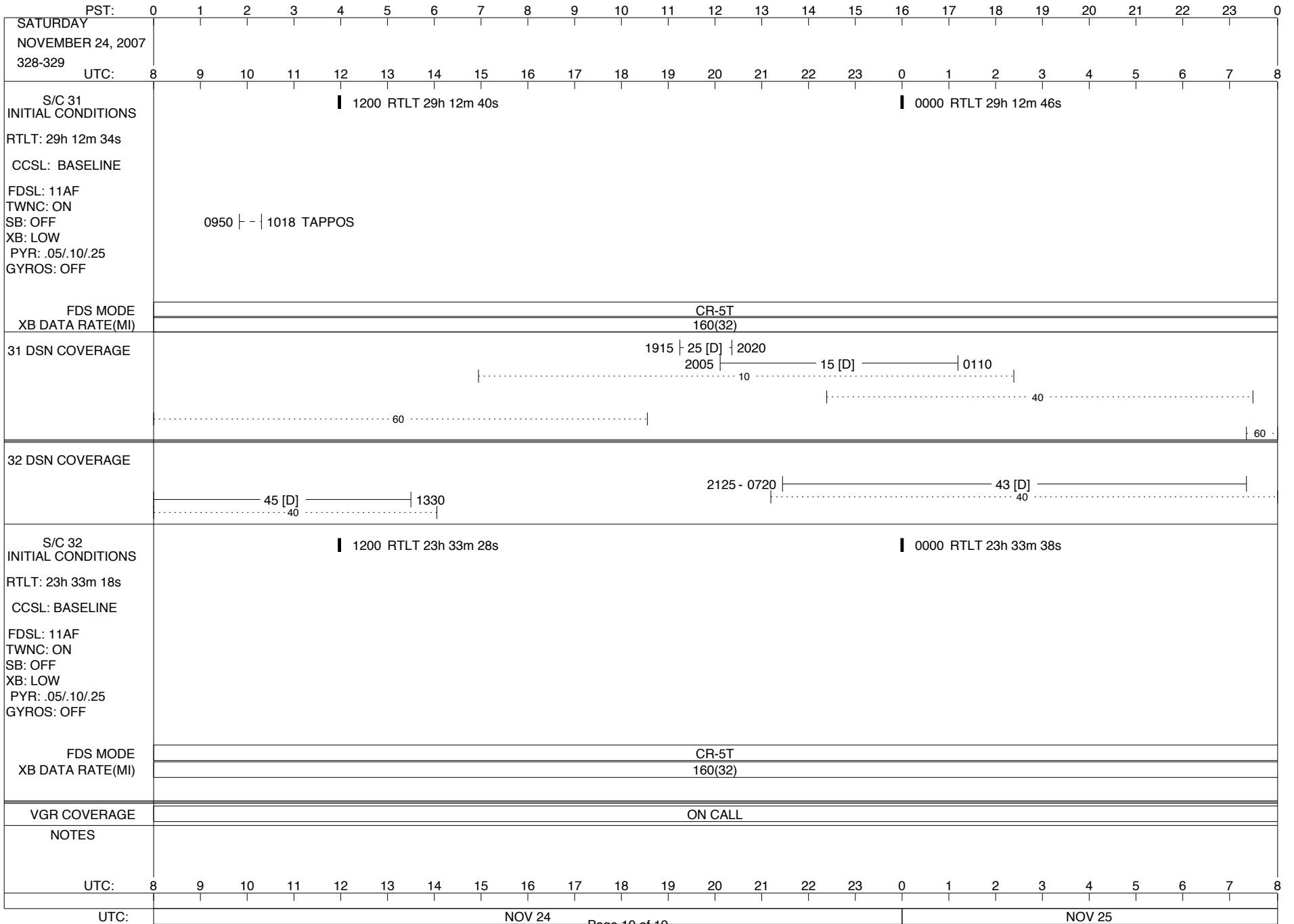
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|--|---|---|----|----|----|----|-----|----|----|----|----|----|--------------------------------|----|----|----|----|----|-----|----|----|----|----|----|---|
| WEDNESDAY NOVEMBER 21, 2007 325-326 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 29h 11m 54s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLTL 29h 12m 2s | | | | | | | | | | | | 0000 RTLTL 29h 12m 8s | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | CR-5T | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | 160(32) | | | | | | | | | | | | |
| 31 DSN COVERAGE | 2005 ----- 15 [D] ----- 0125 | | | | | | | | | | | | 10 ----- 40 ----- 60 | | | | | | | | | | | | |
| 32 DSN COVERAGE | 34 [D] ----- 0815 - 1150 | | | | | | | | | | | | 0140 ----- 34 [D] ----- 40 | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 23h 32m 20s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLTL 23h 32m 30s | | | | | | | | | | | | 0000 RTLTL 23h 32m 40s | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | EL-40 | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | 40(30) | | | | | | | | | | | | |
| VGR COVERAGE | ON CALL | | | | | | VGR | | | | | | ON CALL | | | | | | VGR | | | | | | |
| NOTES | [1] S/C 32=EL-40 @ 0212 XB=40(30) [2] S/C 32=CR-5T @ 0312 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 21 | | | | | | | | | | | | NOV 22 | | | | | | | | | | | | |

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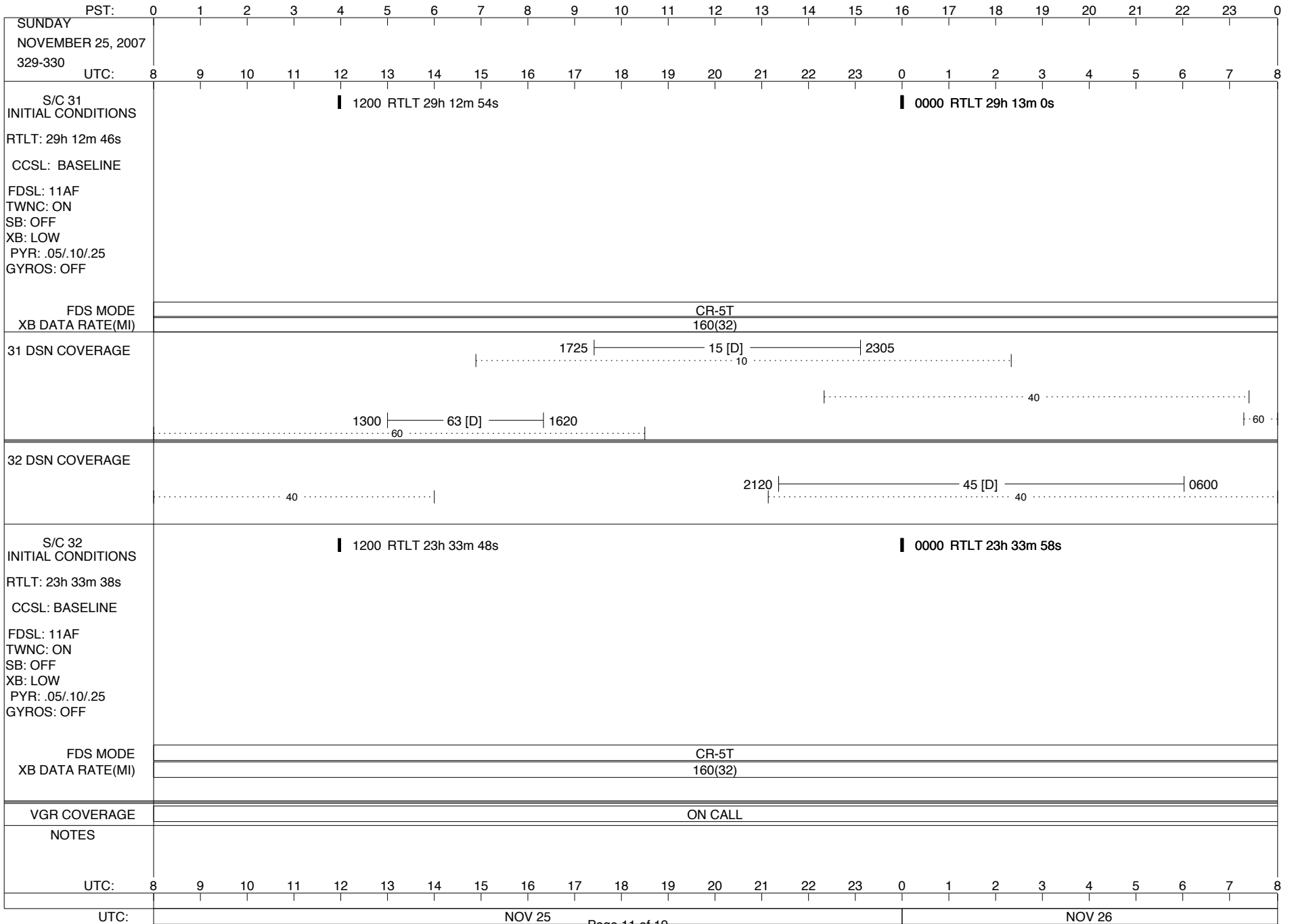


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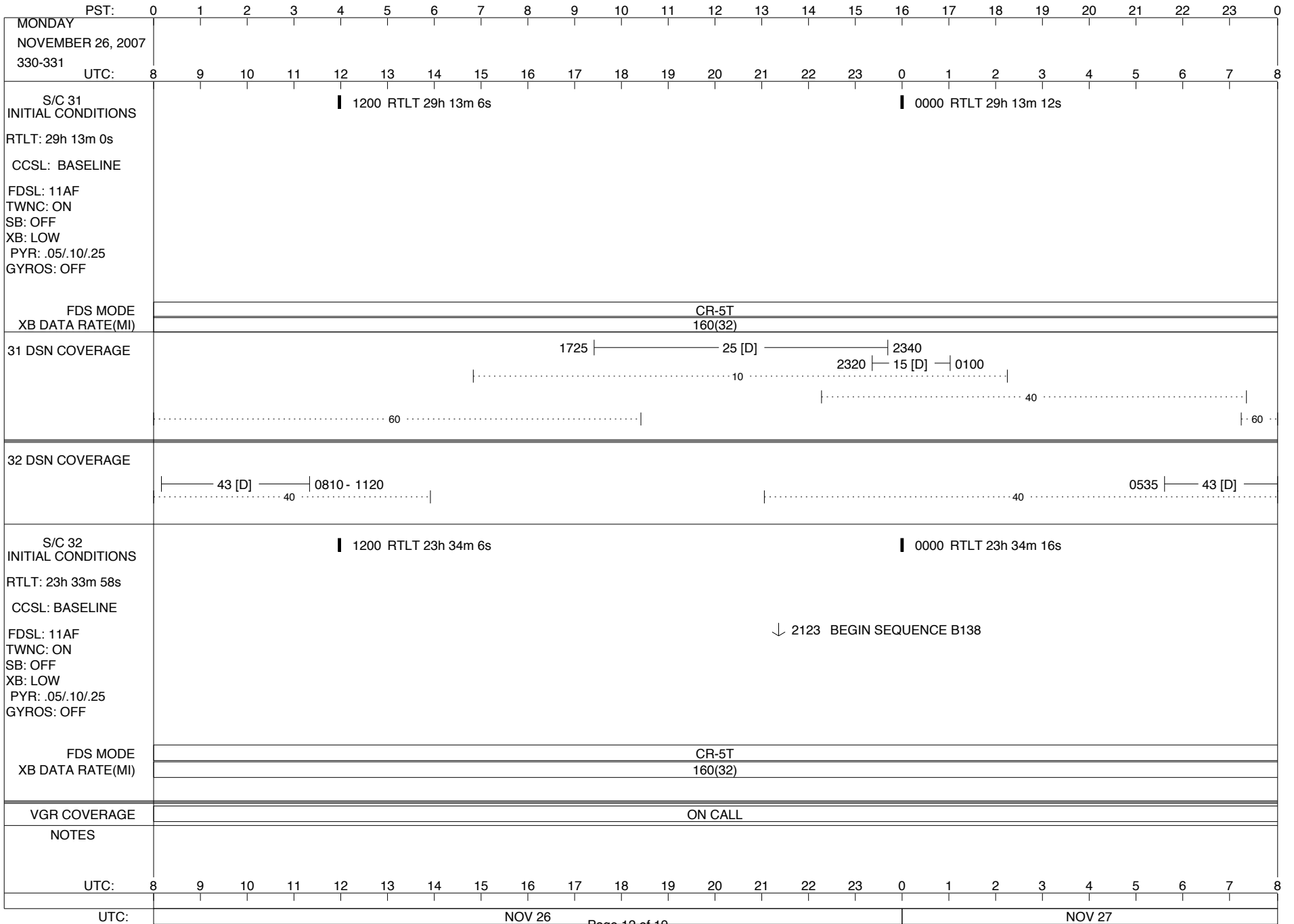
| | | PST: | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 |
|------------------------------|--|------|---|---|----|----|----|------|-----|-----|-----|-----|----|----|----|----|----|----|----|------|-----|-----|-----|-----|----|----|---|
| FRIDAY | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOVEMBER 23, 2007 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 INITIAL CONDITIONS | | | | | | | █ | 1200 | RTL | 29h | 12m | 28s | | | | | | | █ | 0000 | RTL | 29h | 12m | 34s | | | |
| RTL: 29h 12m 22s | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCSL: BASELINE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDSL: 11AF | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TWNC: ON | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SB: OFF | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XB: LOW | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PYR: .05/.10/.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GYROS: OFF | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XB DATA RATE(MI) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 DSN COVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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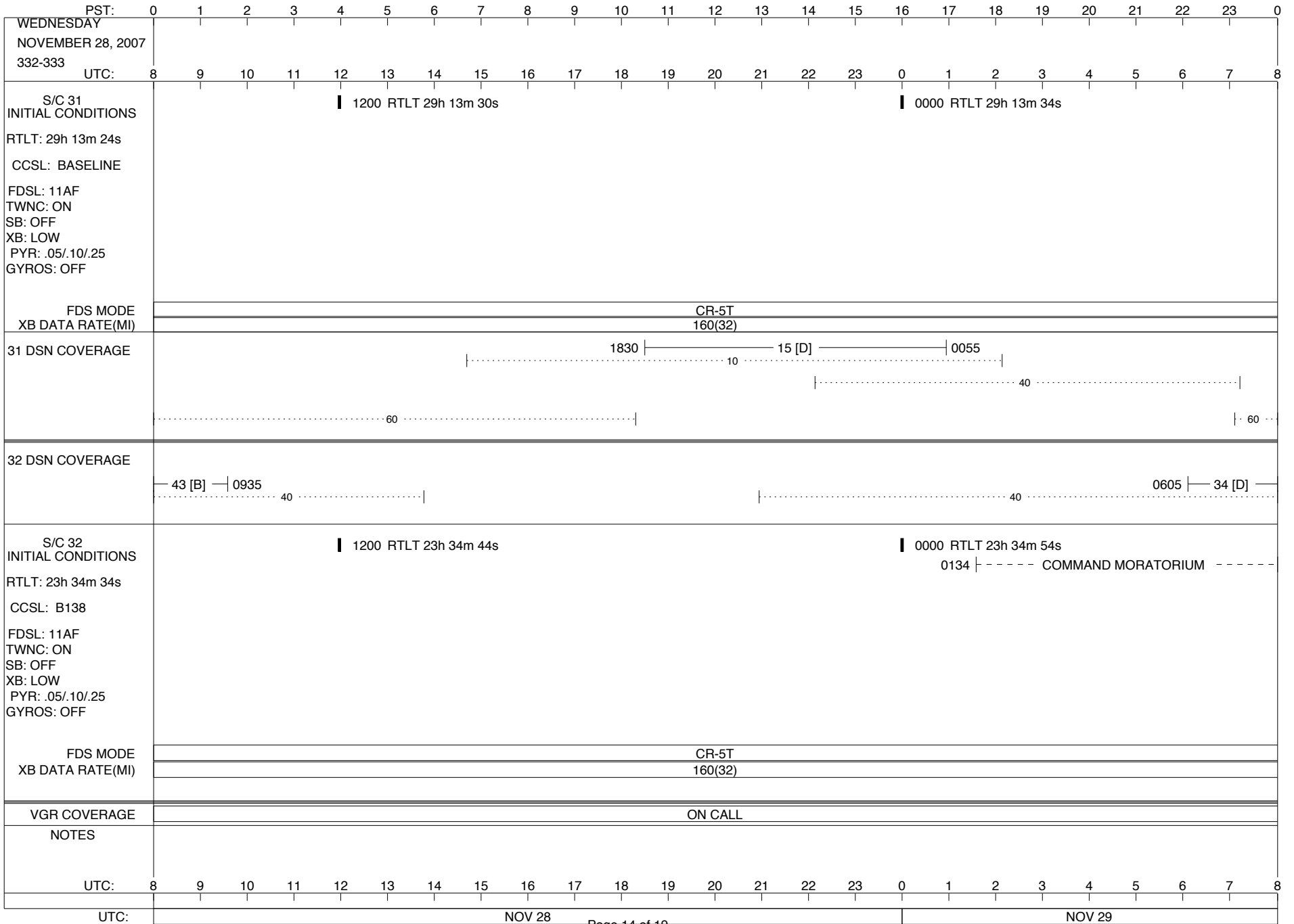
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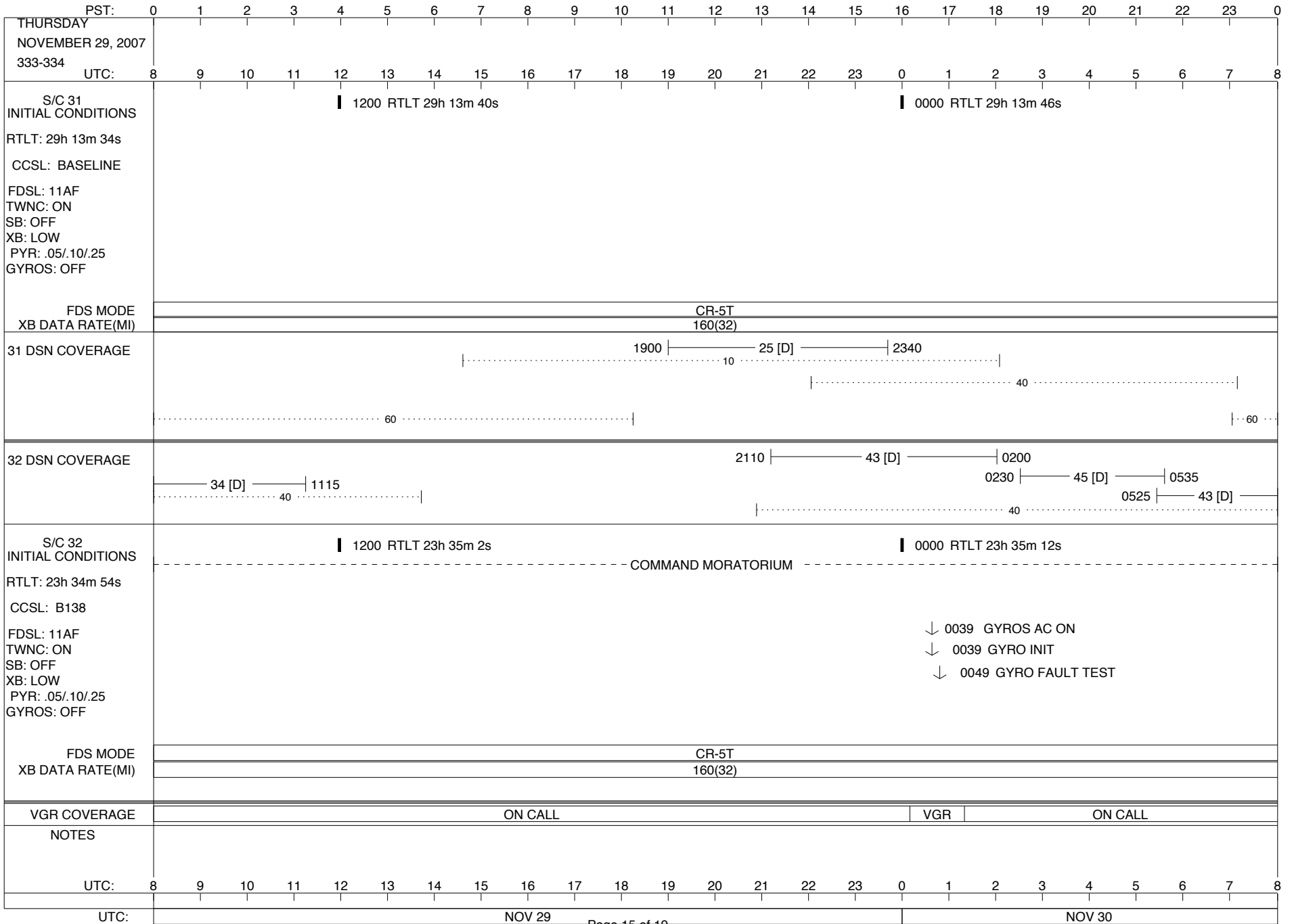


ISSUE DATE: 11/21/07 13:53

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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 | |
| TUESDAY NOVEMBER 27, 2007 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 RTLTL: 29h 13m 12s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | <p>1200 RTLT 29h 13m 18s</p> <p>0000 RTLT 29h 13m 24s</p> <p>0119 0120 PWS/RH</p> <p>↓ 0119 GS-4B 0120</p> |
| FDS MODE XB DATA RATE(MI) | <p>CR-5T 160(32)</p> <p>CR-5T 160(32)</p> |
| 31 DSN COVERAGE | <p>1715 ----- 15 [D] ----- 2145</p> <p>..... 10</p> <p>..... 40</p> <p>..... 60</p> <p>..... 60</p> |
| 32 DSN COVERAGE | <p>43 [D] ----- 1115</p> <p>..... 40</p> <p>2125 ----- 43 [B] ----- </p> <p>..... 40</p> |
| S/C 32 INITIAL CONDITIONS RTLTL: 23h 34m 16s CCSL: B138 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | <p>1200 RTLT 23h 34m 26s</p> <p>0000 RTLT 23h 34m 34s</p> <p>▼ 2217 DUMMY (5 MIN BRACKETED 21:52)</p> |
| FDS MODE XB DATA RATE(MI) | <p>CR-5T 160(32)</p> |
| VGR COVERAGE | <p>ON CALL</p> <p>VGR</p> <p>ON CALL</p> |
| NOTES | <p>[1] S/C 31=GS-4B @ 0119 XB=2.8K(41) NOT RECOVERABLE</p> |
| 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 Page 13 of 19 NOV 28 | |

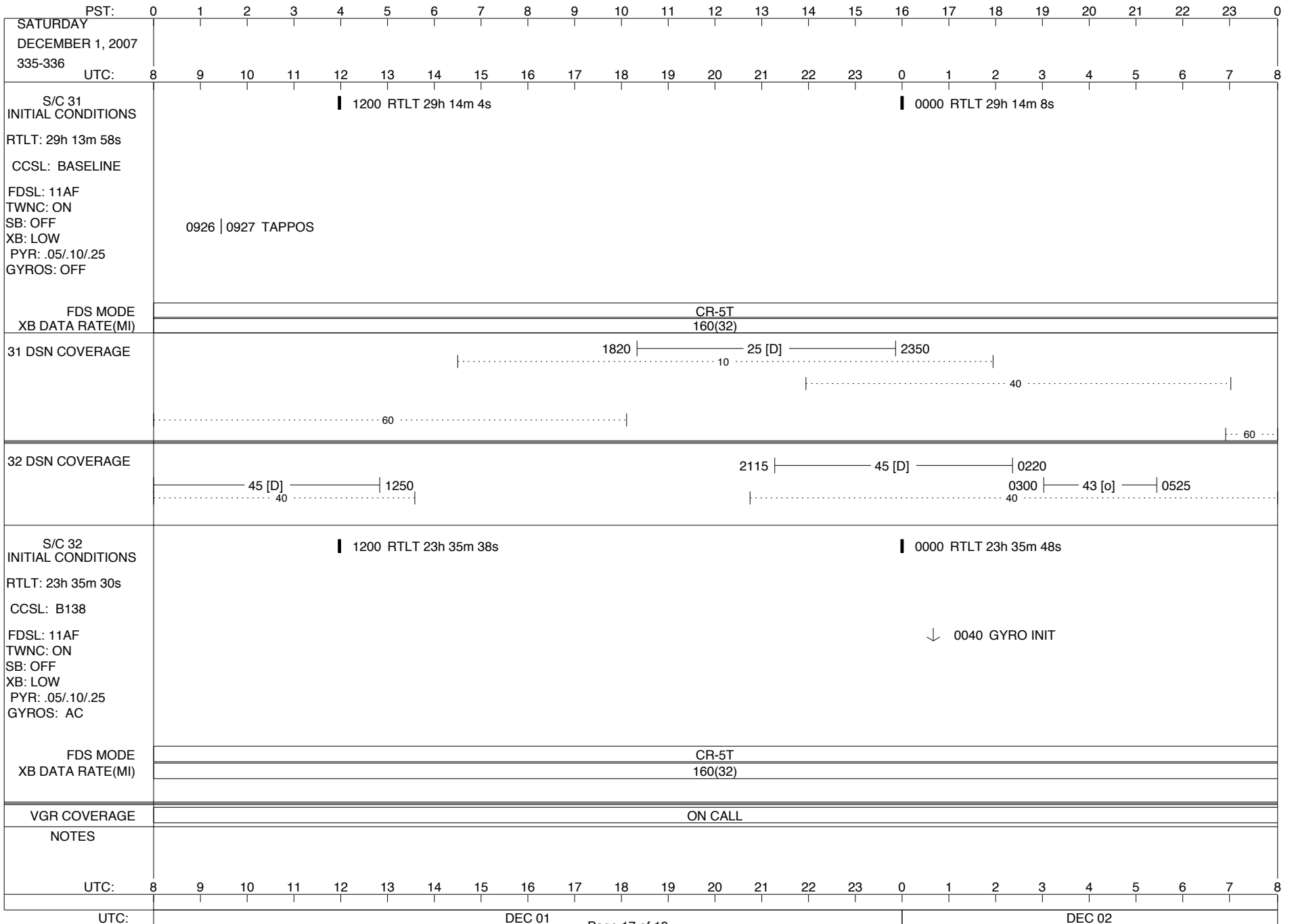
ISSUE DATE: 11/21/07 13:53



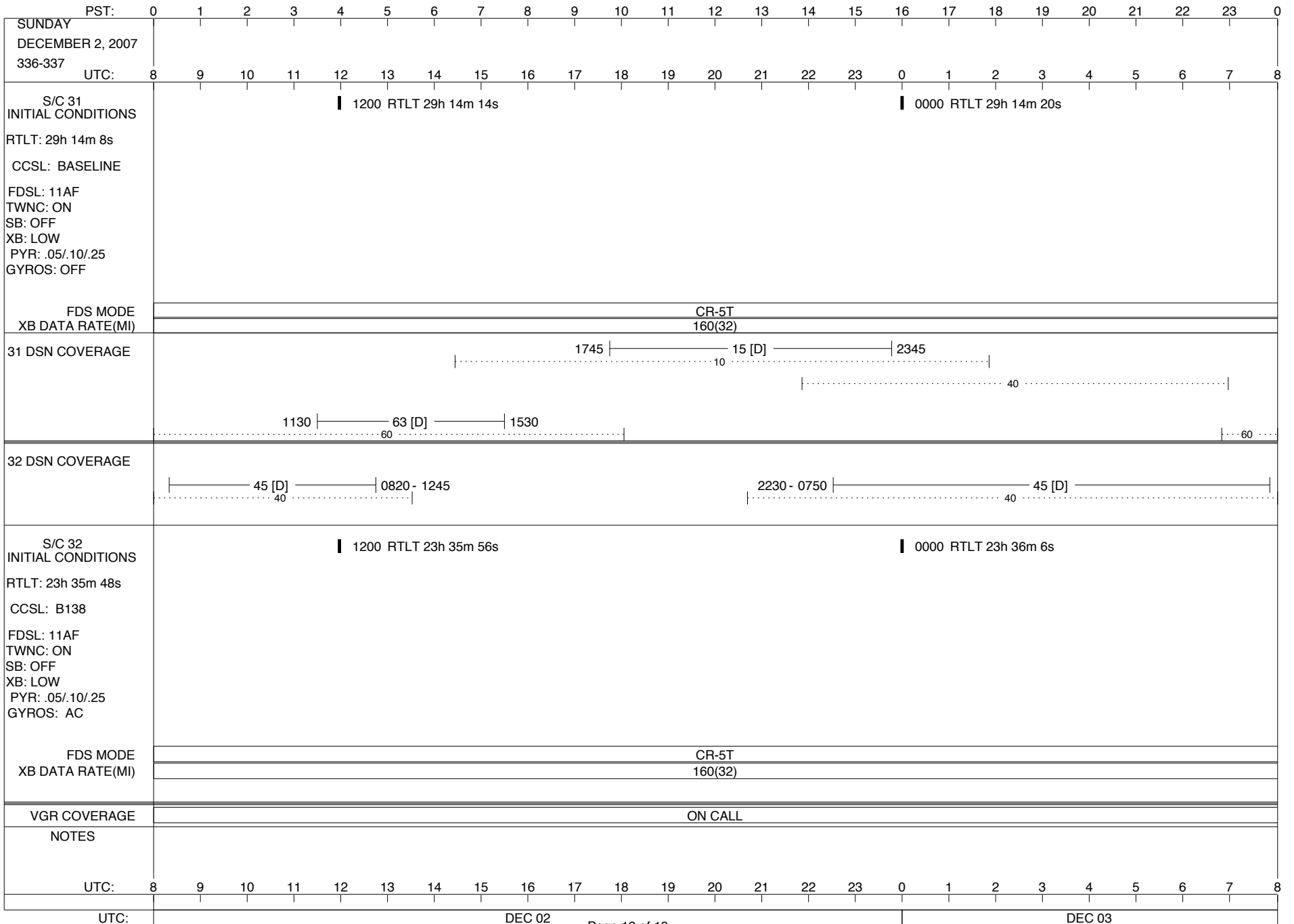


ISSUE DATE: 11/21/07 13:53

| 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 30, 2007 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 | 1200 RTLT 29h 13m 52s | | | | | | | | | | | | 0000 RTLT 29h 13m 58s | | | | | | | | | | | | | |
| RTLT: 29h 13m 46s | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSSL: BASELINE | | | | | | | | | | | | | | | | | | | | | | 0417 0431 TAPPOS | | | | |
| FDSL: 11AF | | | | | | | | | | | | | | | | | | | | | | PWS/RH 0719 - 0720 | | | | |
| TWNC: ON | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SB: OFF | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XB: LOW | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PYR: .05/.10/.25 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GYROS: OFF | | | | | | | | | | | | | | | | | | | | | | 0719 GS-4B 0720 ↓ | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | | | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 DSN COVERAGE | 1900 ----- 15 [D] ----- 0050 ----- 10 ----- ----- 40 ----- 60 60 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | 43 [D] ----- 0945 ----- ----- 40 ----- 2315 ----- 34 [D] ----- 0255 ----- 40 ----- 0655 45 [D] | | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS | 1200 RTLT 23h 35m 20s | | | | | | | | | | | | 0000 RTLT 23h 35m 30s | | | | | | | | | | | | | |
| RTLT: 23h 35m 12s | ----- COMMAND MORATORIUM ----- 0104 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSSL: B138 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDSL: 11AF | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TWNC: ON | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SB: OFF | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XB: LOW | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PYR: .05/.10/.25 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GYROS: AC | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | | | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VGR COVERAGE | ON CALL | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOTES | [1] S/C 31=GS-4B @ 0719 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 | | | | | | | | | |



ISSUE DATE: 11/21/07 13:53



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