

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: August 4, 2004

For the Period: 08/05/04 to 08/22/04 (04-218 - 04-235)

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SCIENCE (1) 600-100

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- PWS *wsk@space.physics.uiowa.edu
- *Leonard.F.Burlaga@nasa.gov
- *Donald-Gurnett@uiowa.edu

FLIGHT TEAM (17) 600-100

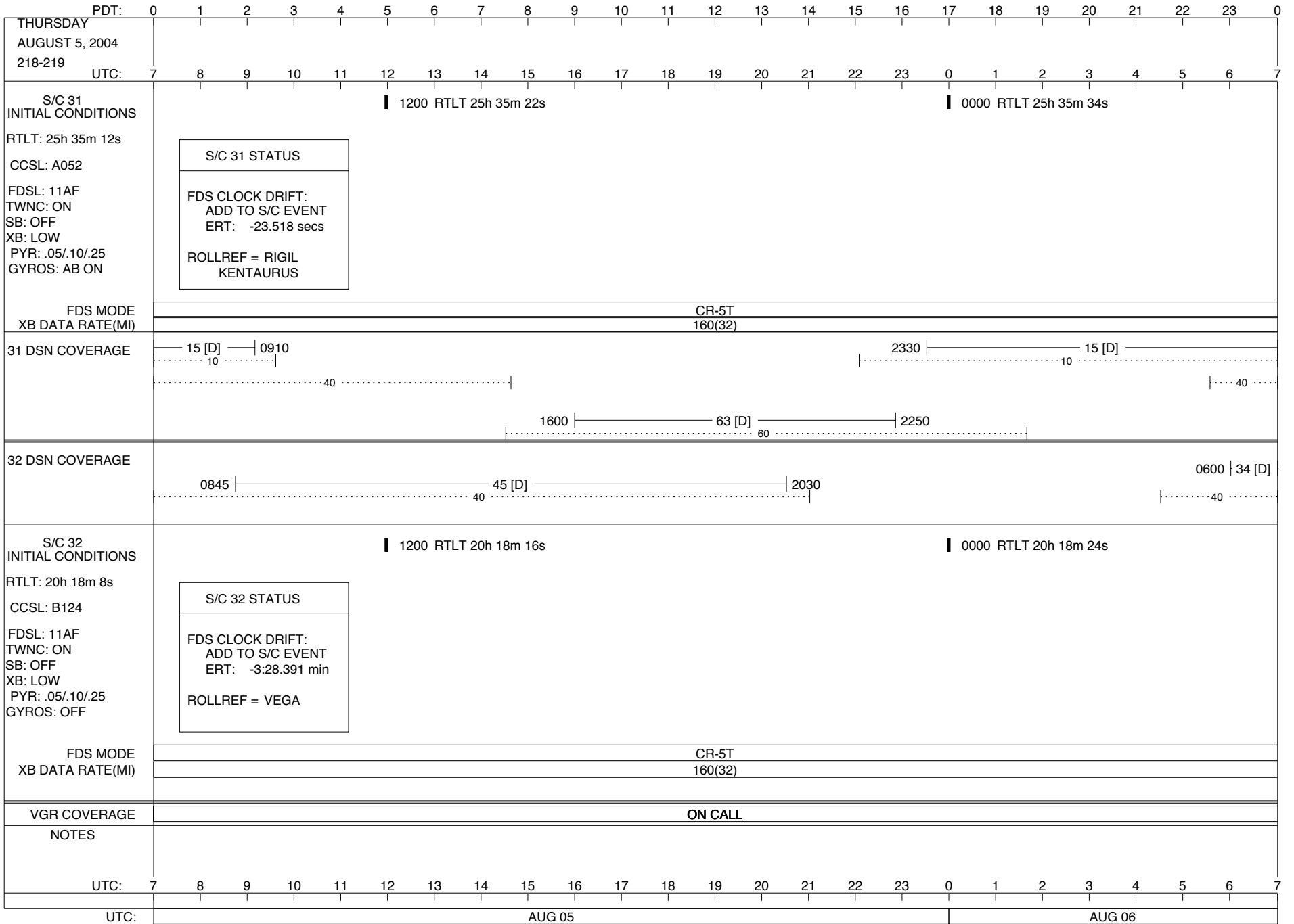
- Hall, J.
- Hogle, T. (2)
- Howard, S. (3)
- Ludwig, R. (2)
- Massey, Ed
- Matsumoto, S.
- Medina (AACS)
- Poynter, R.
- Presley (3) (DSE)
- Weeks, T.
- Zottarelli, L.
- *odivers@san.rr.com

NOPEs (1) 507-120
Millner, I

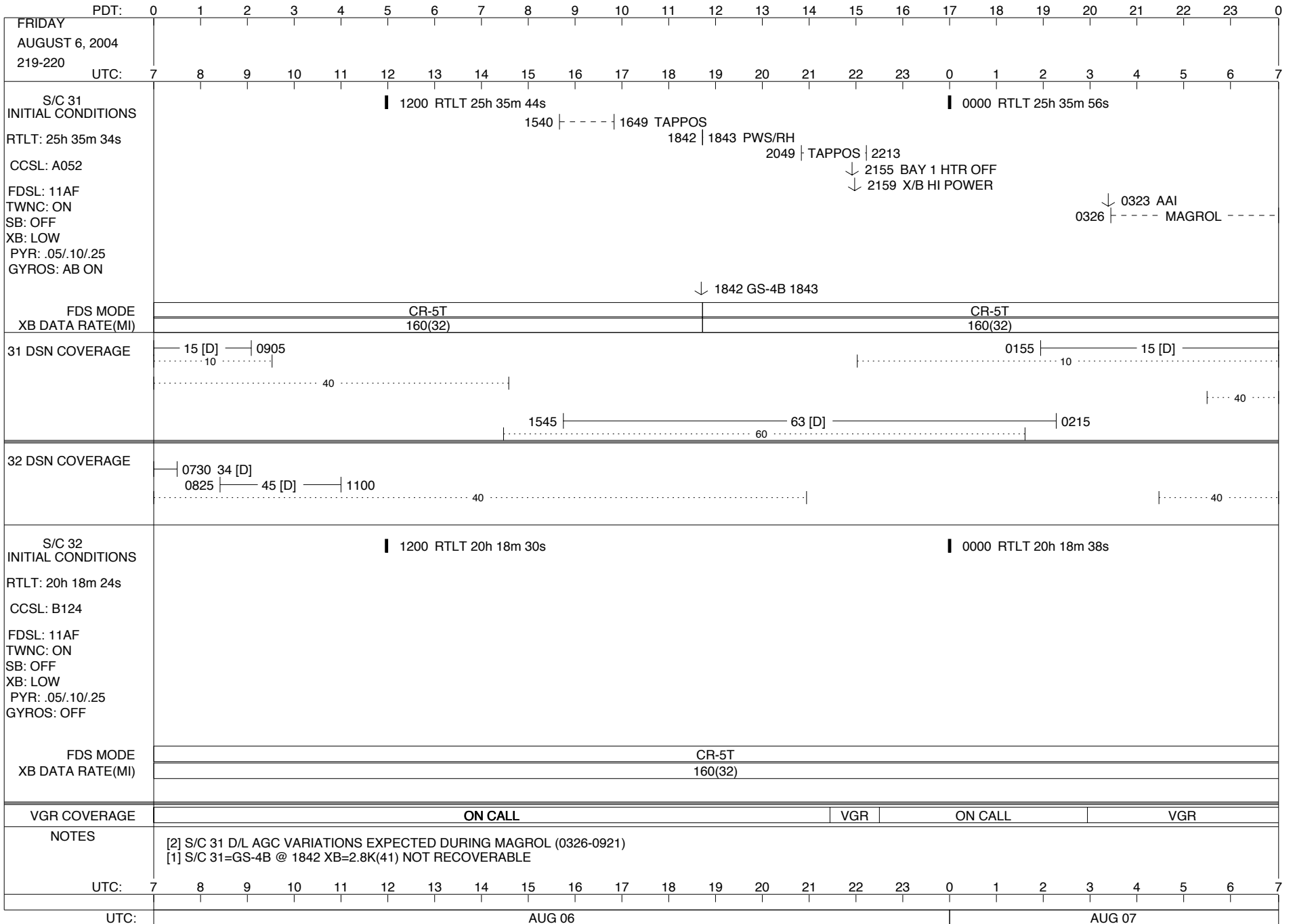
- LEGEND:**
- ∇ = R/T Command (Last chance or Contingency)
 - ▼ = R/T Command (Scheduled)
 - * = Result of R/T Command
 - n = (where n = 1,2,3 ..) Special Note, see bottom of page
 - D = Downlink only pass
 - A = Arrayed station
 - U = Uplink only pass
 - B = BLF
 - [o] = Ramp-through
 - H = High Power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

*Electronic Copy Only
(21 – Dist/N: Paper Copies)
04/02/04

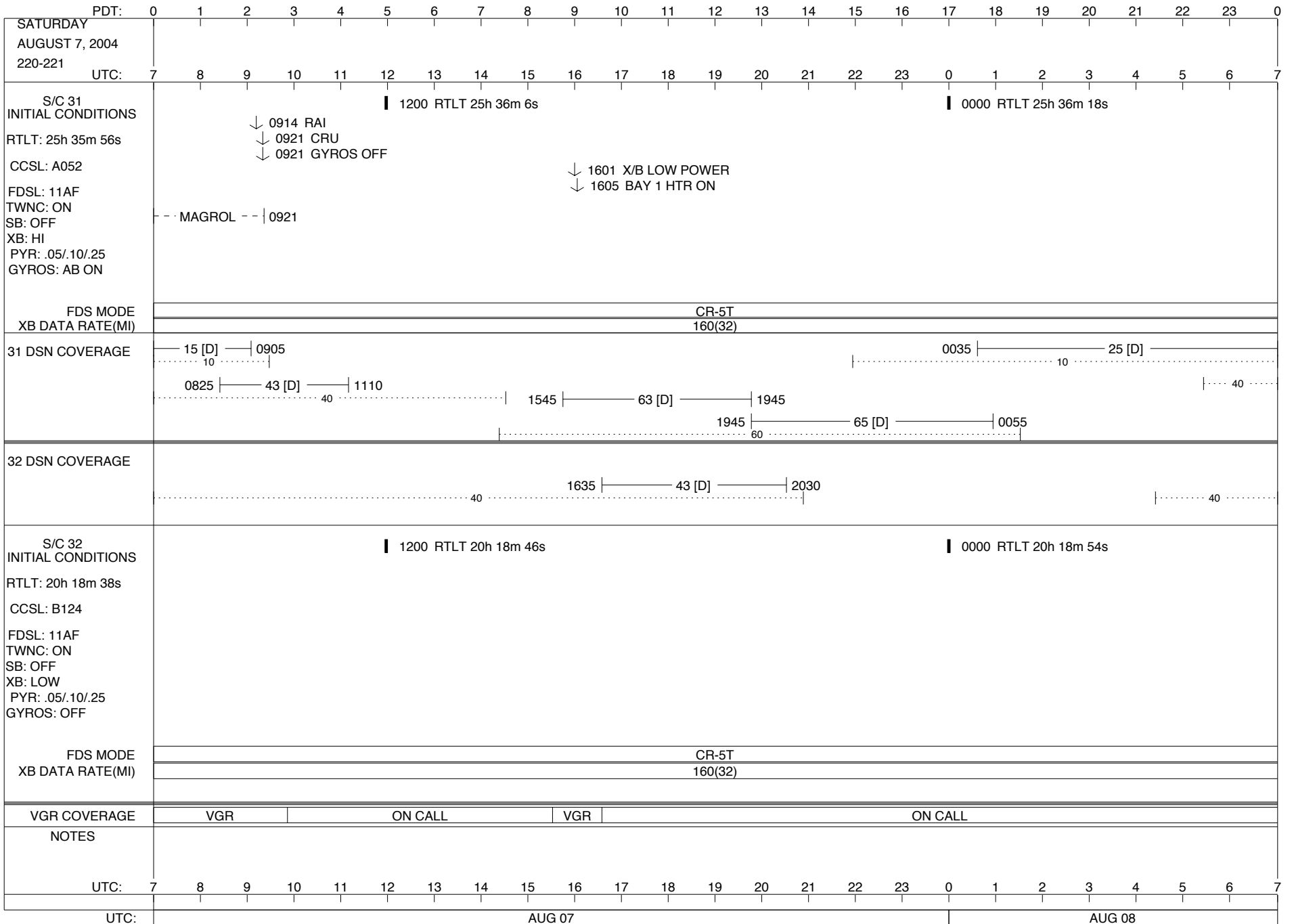
ISSUE DATE: 08/04/04 16:31



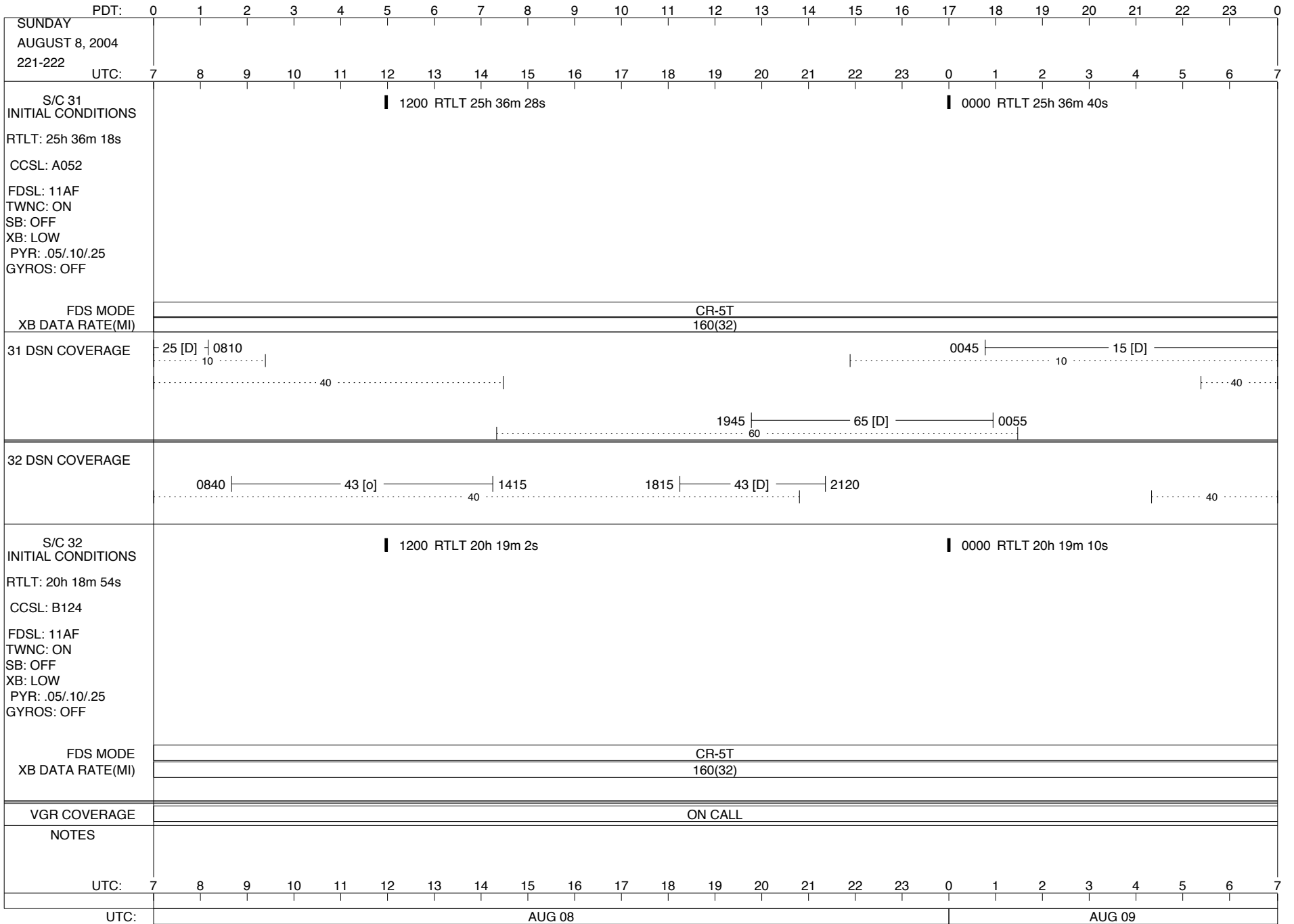
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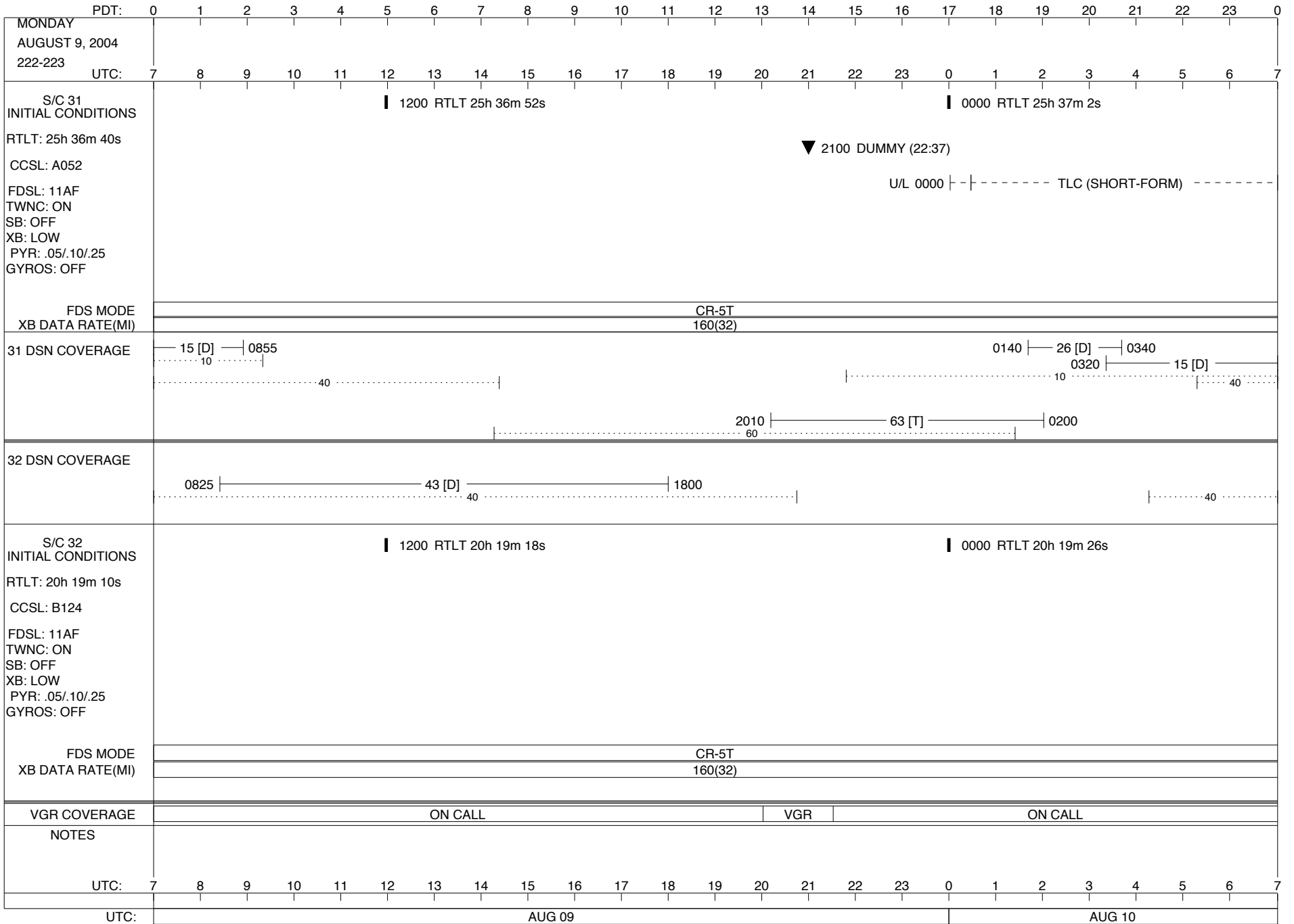
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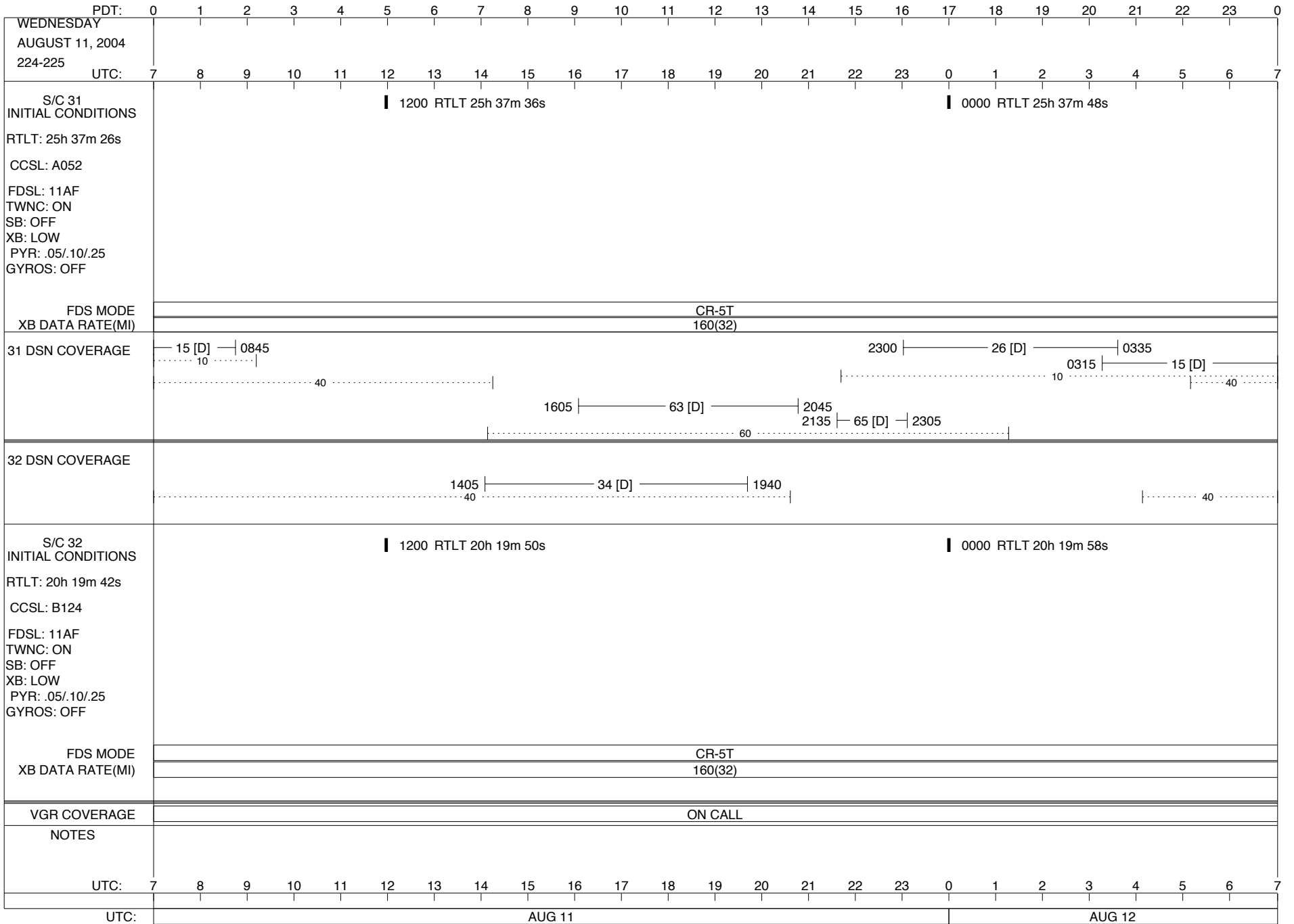
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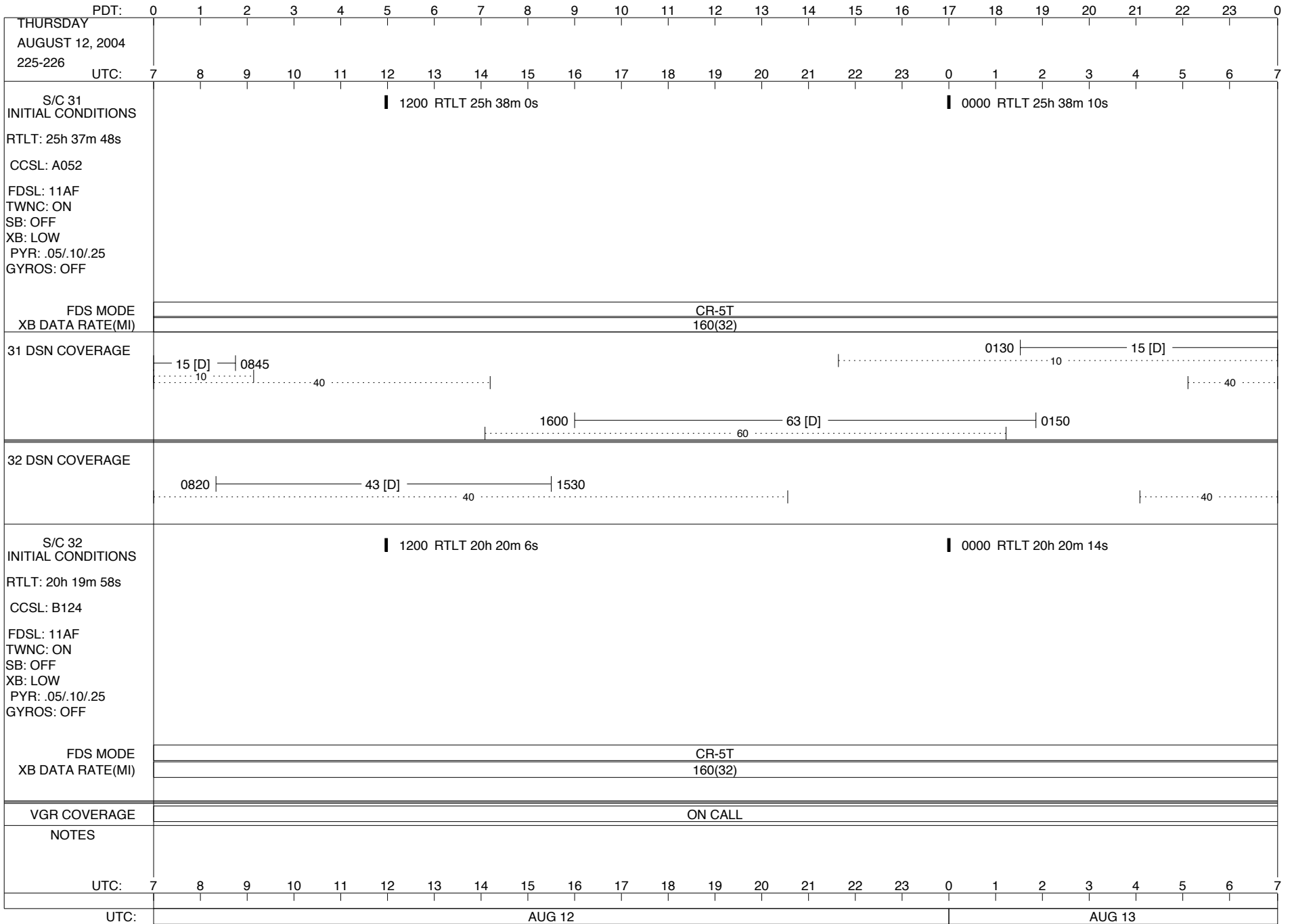
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| PDT: | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 |
|--|--|---|---|----|----|----|----|----|----|----|----|----|--|----|----|----|----|----|---------|----|----|----|----|----|---|
| TUESDAY AUGUST 10, 2004 223-224 | 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 INITIAL CONDITIONS RTLTL: 25h 37m 2s CCSL: A052 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLTL 25h 37m 14s 1219 1220 PWS/RH | | | | | | | | | | | | 0000 RTLTL 25h 37m 26s | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | CR-5T | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | 160(32) | | | | | | | | | | | | |
| 31 DSN COVERAGE | 15 [D] 0850 10 40 | | | | | | | | | | | | 0045 15 [D] 10 40 | | | | | | | | | | | | |
| 32 DSN COVERAGE | 1045 43 [HB] 40 2005 | | | | | | | | | | | | 1945 65 [D] 60 0050 | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 20h 19m 26s CCSL: B124 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLTL 20h 19m 34s 1103 1103 PWS/RH | | | | | | | | | | | | 0000 RTLTL 20h 19m 42s ▼ 1752 DUMMY (5 MIN BRACKETED 14:12) | | | | | | | | | | | | |
| 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 @ 1219 XB=2.8K(41) NOT RECOVERABLE [2] S/C 32=GS-4B @ 1103 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: | AUG 10 | | | | | | | | | | | | AUG 11 | | | | | | | | | | | | |

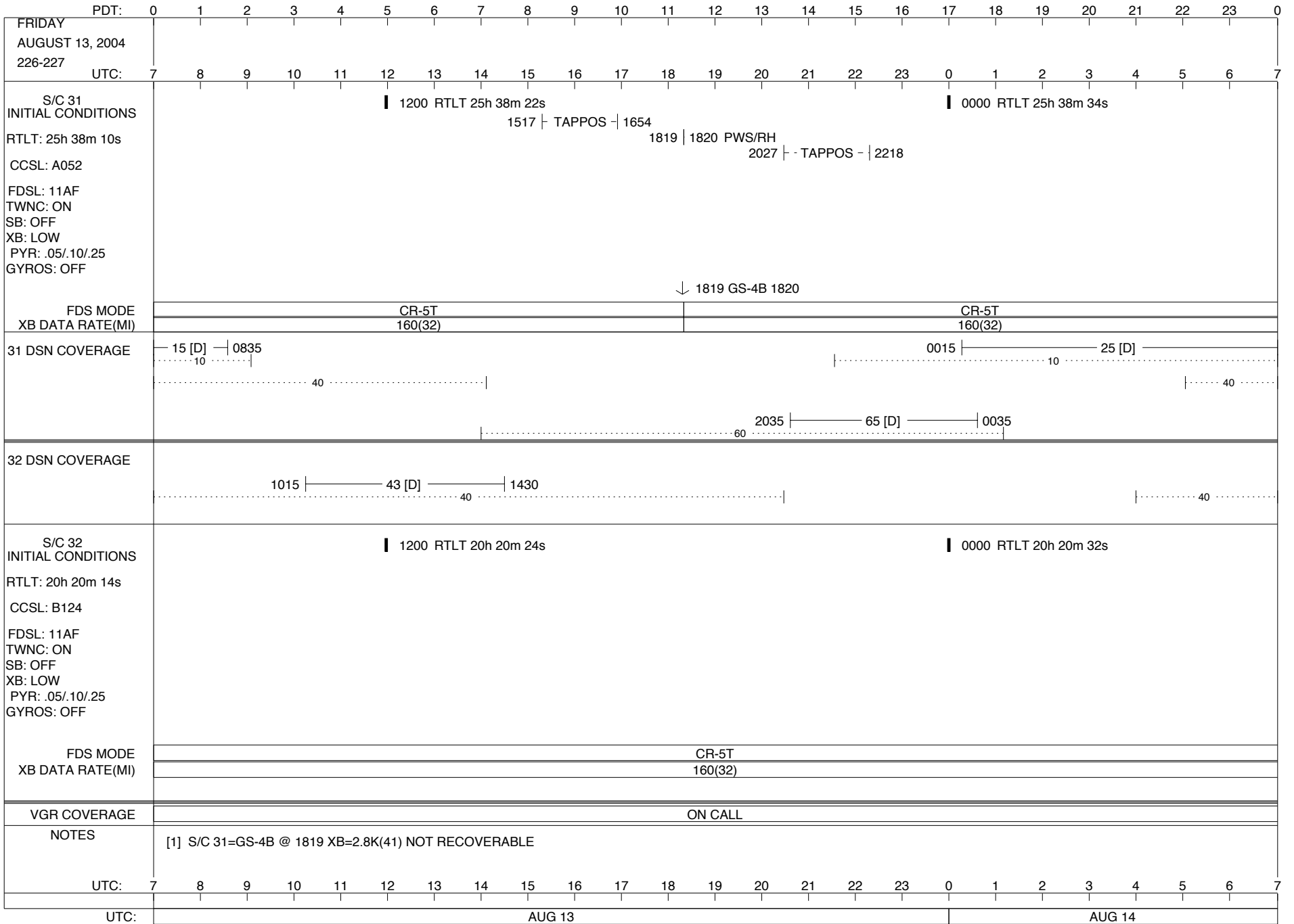
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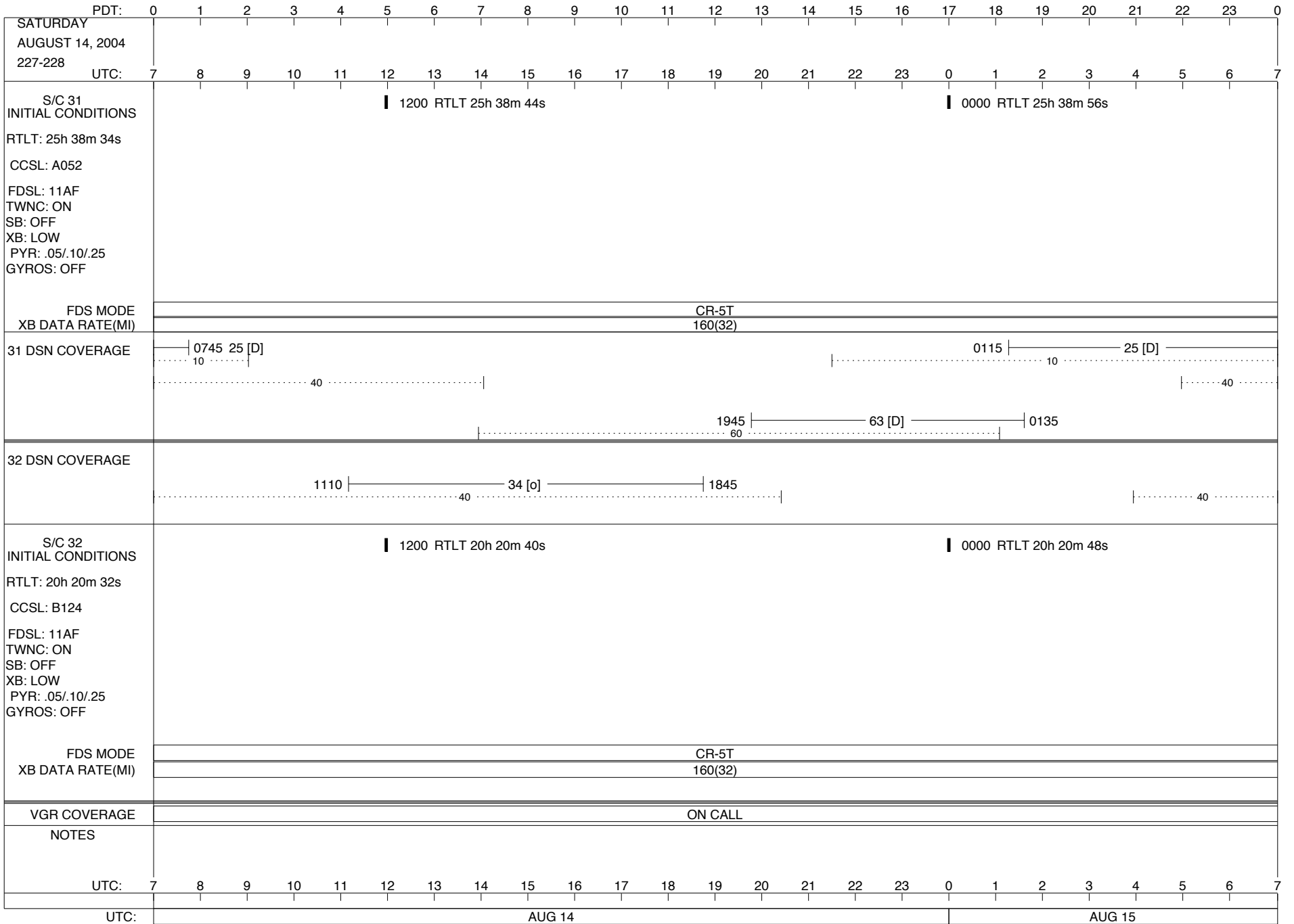
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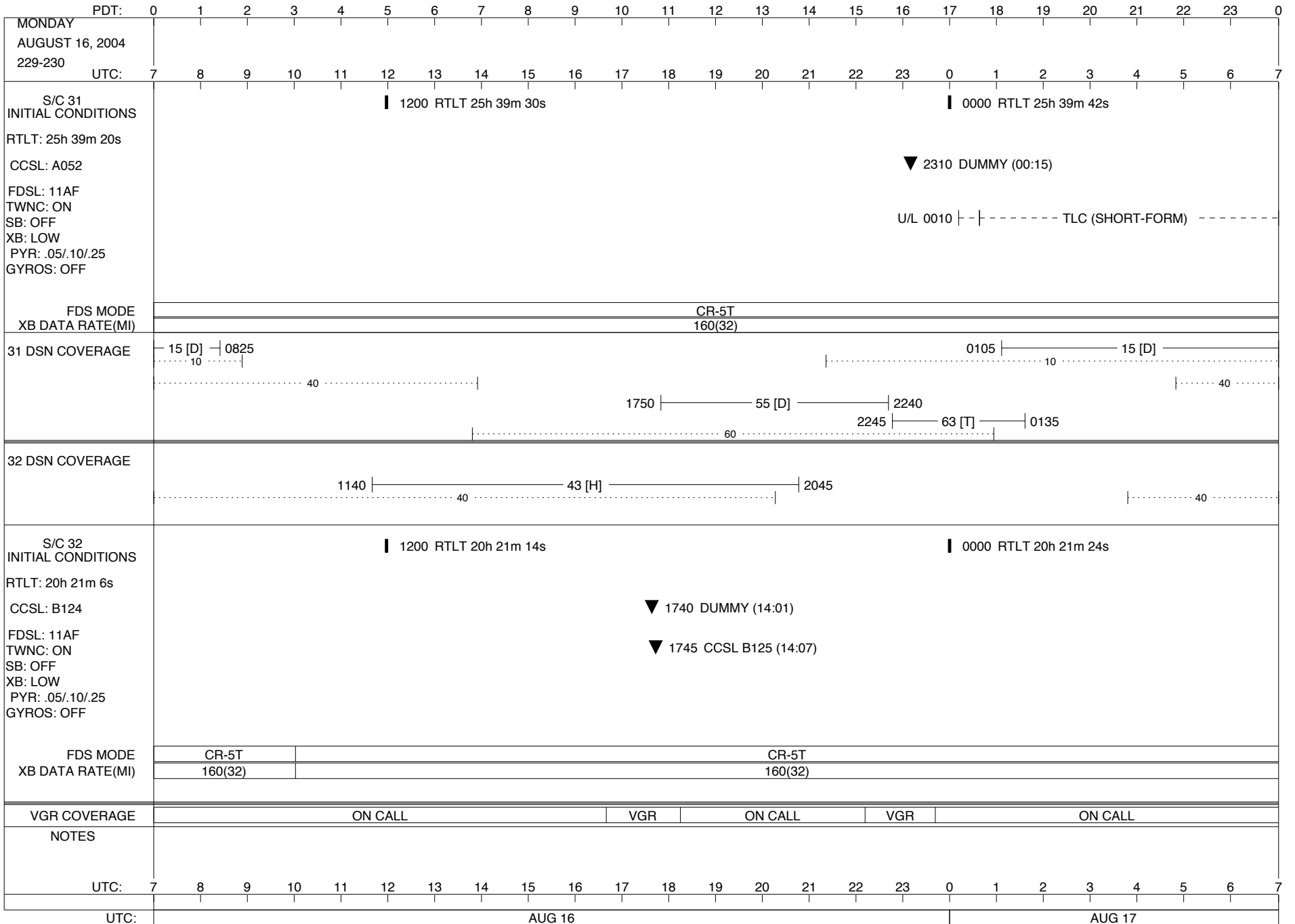
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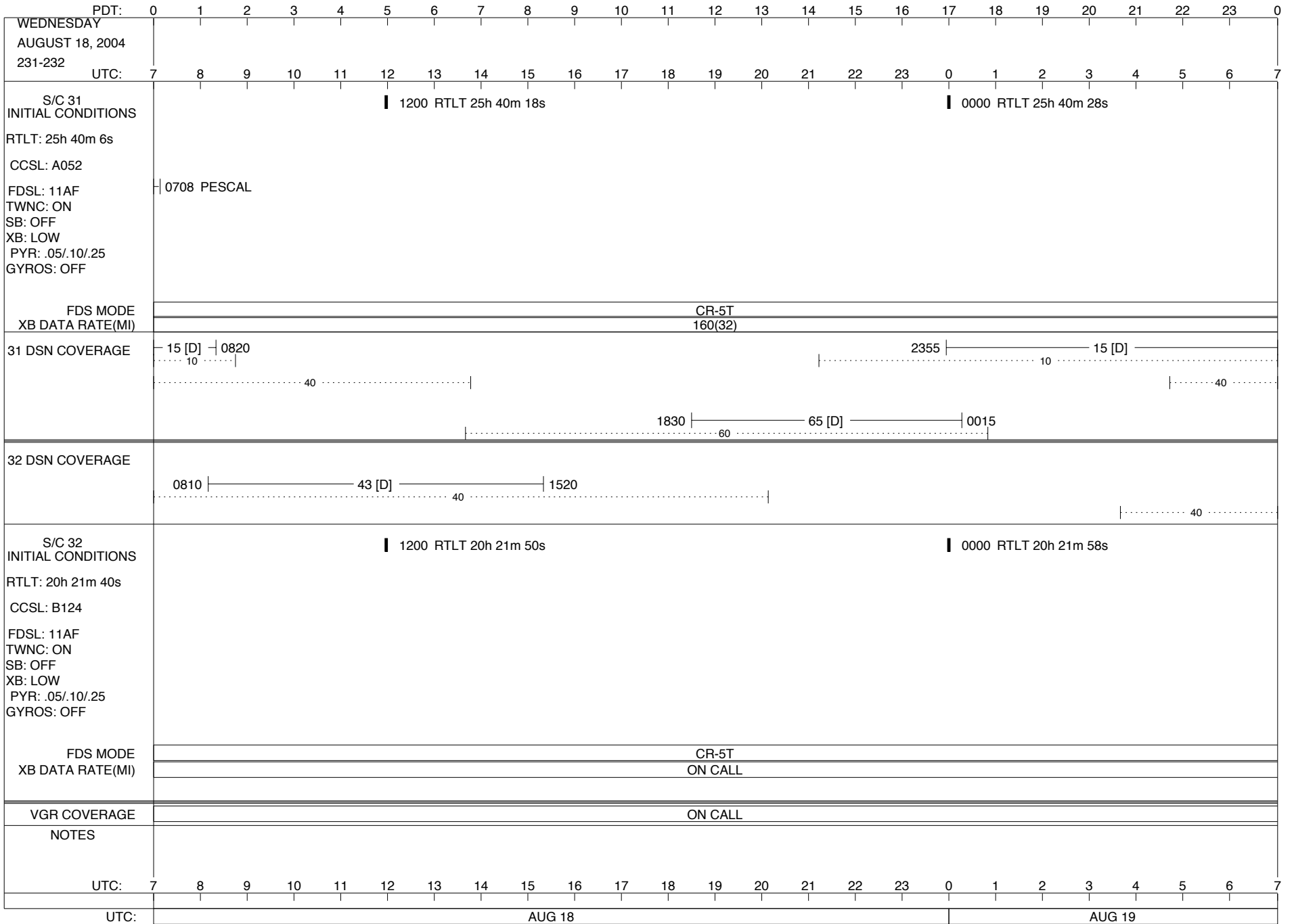
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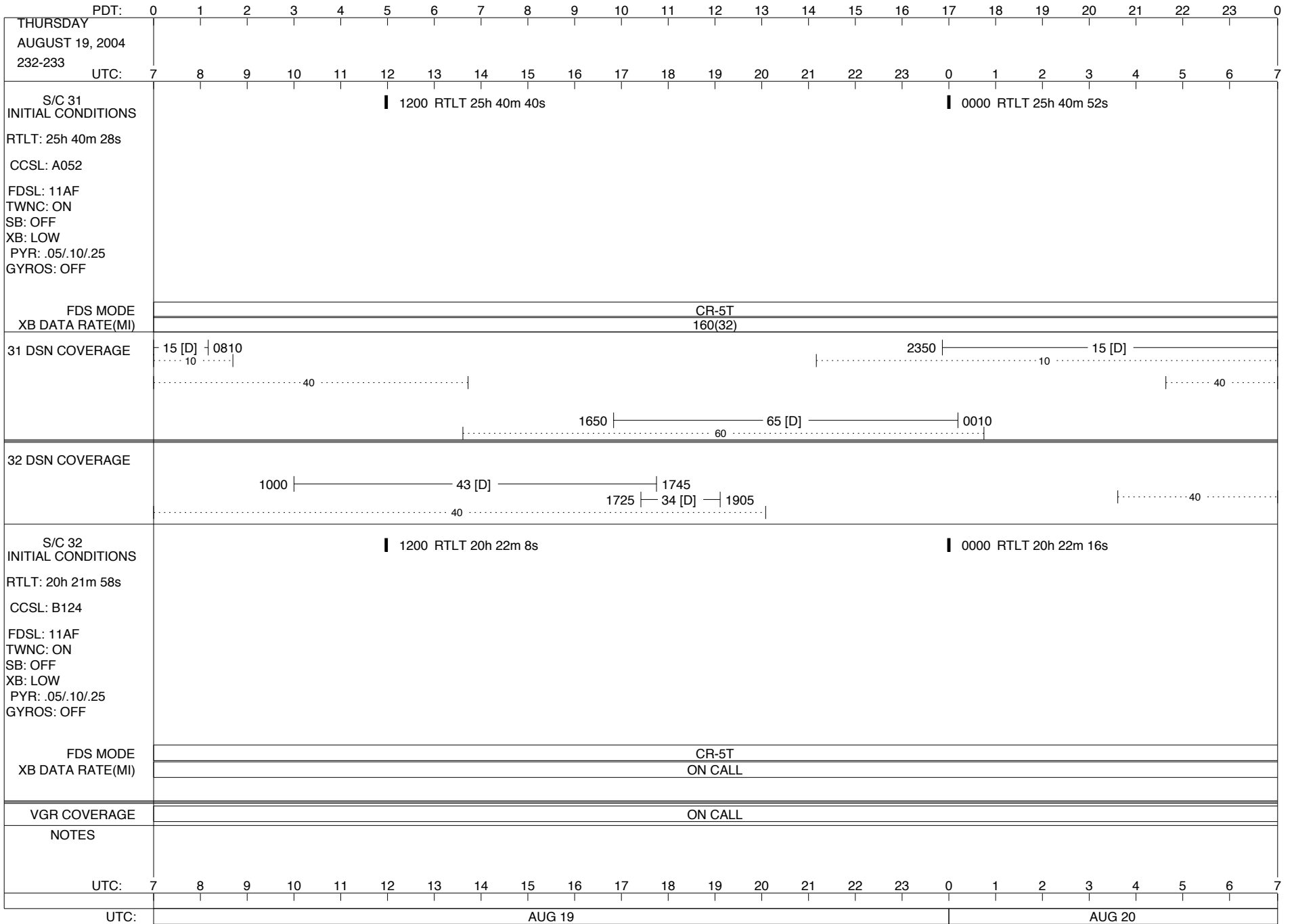
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| PDT: | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | | | |
|--|--|--|---|---|----|----|----|----|----|----|----|----|----|----|----|----------------------------------|----|----|----|----|----|----|----|----|----|---|--|--|--|
| 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 | | | |
| TUESDAY AUGUST 17, 2004 230-231 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 31 INITIAL CONDITIONS RTLT: 25h 39m 42s CCSL: A052 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | | <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>1200 RTLT 25h 39m 54s</p> <p>1156 1157 PWS/RH</p> <p>1208 ----- DTR MAINT ----- 1732</p> <p>1736 1739 TAPPOS</p> <p>----- TLC (SHORT-FORM) ----- D/L - 0317</p> <p>↓ 1156 GS-4B 1157</p> </div> <div style="width: 45%;"> <p>0000 RTLT 25h 40m 6s</p> <p>0347 PLSCAL - 0530</p> <p>0347 - 0650 --- MAGCAL --- </p> <p>0347 ----- PESCAL ----- </p> </div> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | CR-5T 160(32) | | | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | | |
| 31 DSN COVERAGE | | <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>15 [D] 0820</p> <p>..... 10</p> <p>..... 40</p> </div> <div style="width: 45%;"> <p>2235 ----- 15 [D] -----</p> <p>..... 10</p> <p>..... 40</p> </div> </div> <div style="display: flex; justify-content: center; margin-top: 10px;"> <p>1655 ----- 54 [D] ----- 1940</p> <p>..... 60</p> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | | <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>1015 ----- 43 [D] ----- 1730</p> <p>..... 40</p> </div> <div style="width: 45%;"> <p>..... 40</p> </div> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 20h 21m 24s CCSL: B124 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | | <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>1200 RTLT 20h 21m 32s</p> <p>1039 1040 PWS/RH</p> <p>*****</p> <p>1425 1445 CCS CHKSUM</p> <p>↓ 1040 GS-4B 1040</p> </div> <div style="width: 45%;"> <p>0000 RTLT 20h 21m 40s</p> </div> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | CR-5T 160(32) | | | | | | | | | | | | | | CR-5T 160(32) VGR ON CALL | | | | | | | | | | | | | |
| VGR COVERAGE | | ON CALL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOTES | | [1] S/C 31=GS-4B @ 1156 XB=2.8K(41) NOT RECOVERABLE [2] S/C 32=GS-4B @ 1040 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: | | AUG 17 | | | | | | | | | | | | | | AUG 18 | | | | | | | | | | | | | |

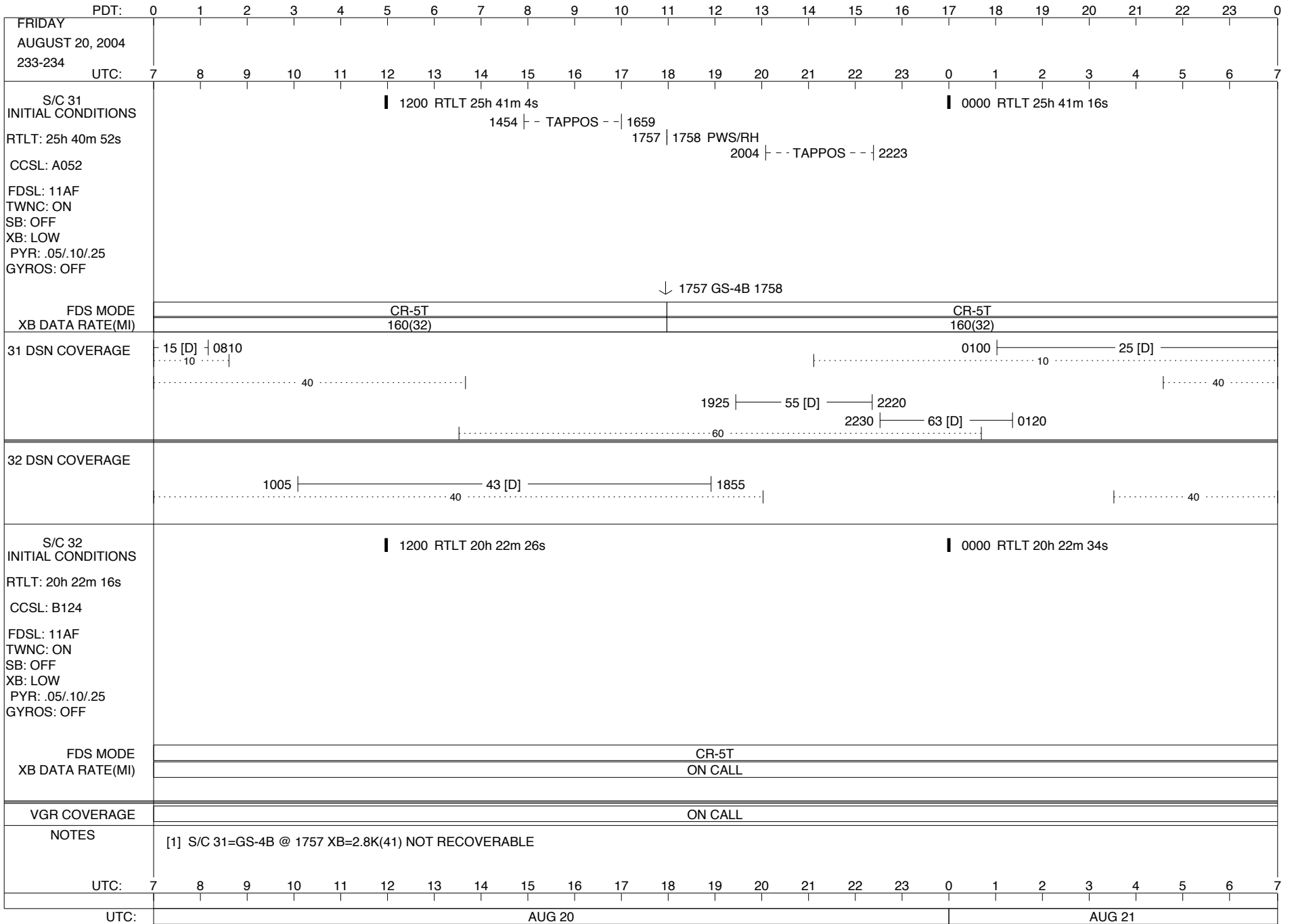
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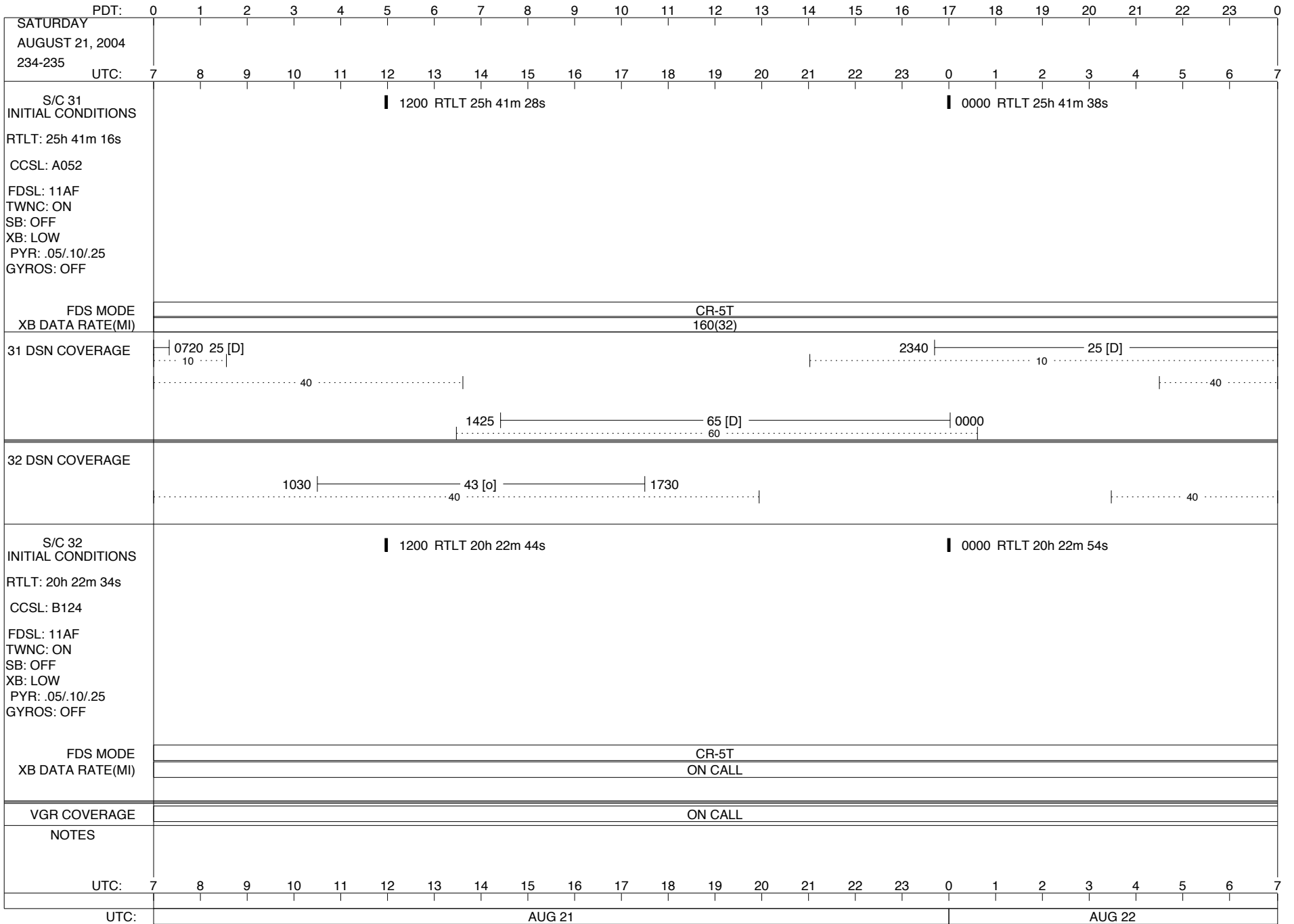
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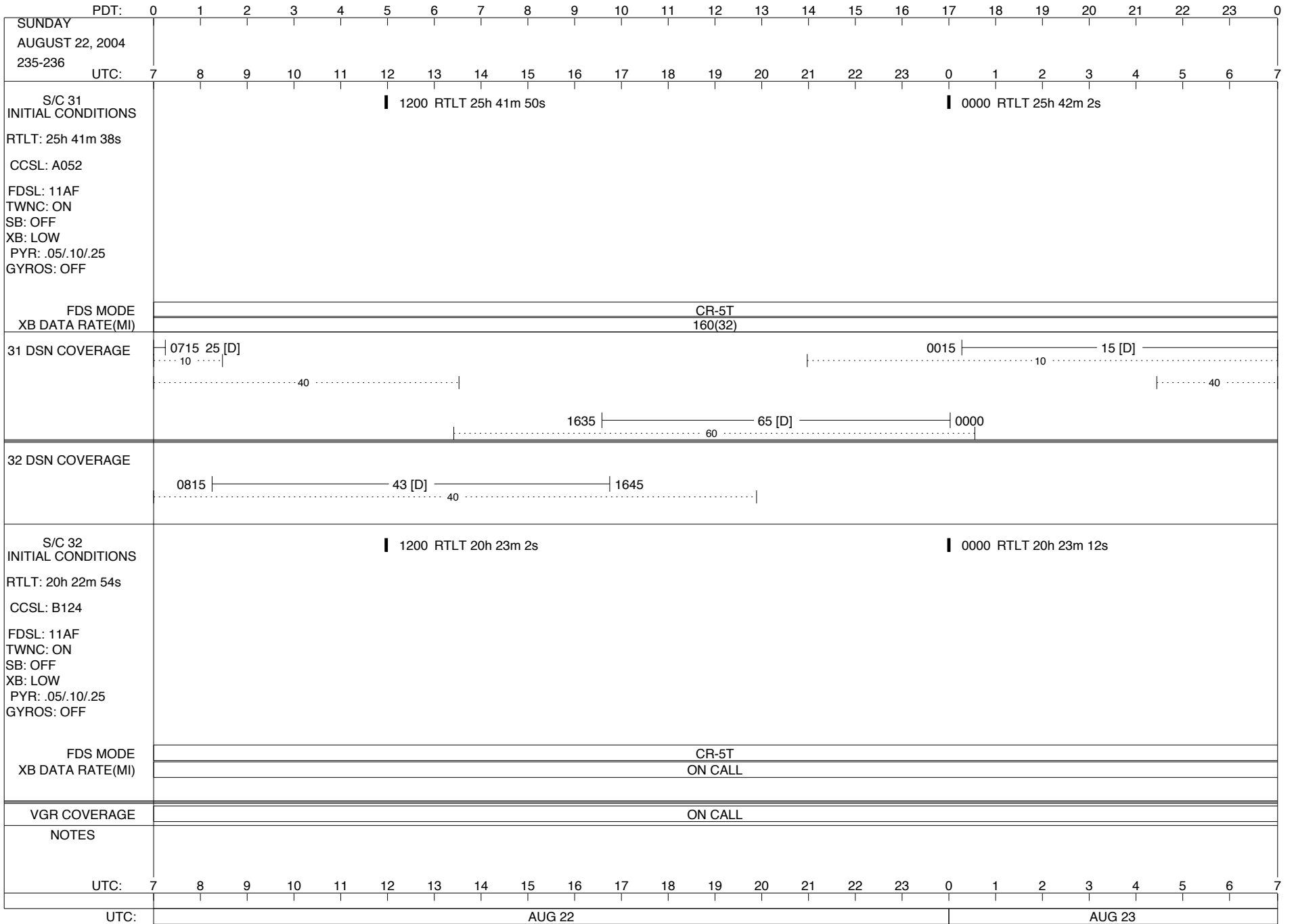
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| PDT: | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | | |
|---|--|---|---|----|----|----|----|----|----|----|----|----|----|---------|----|----|----|----|----|----|----|----|----|----|---|--|--|
| MONDAY AUGUST 23, 2004 236-237 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 INITIAL CONDITIONS RTLT: 25h 42m 2s CCSL: A052 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | <div style="text-align: center;"> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE | | | | | | | | | | | | | | CR-5T | | | | | | | | | | | | | |
| XB DATA RATE(MI) | | | | | | | | | | | | | | 160(32) | | | | | | | | | | | | | |
| 31 DSN COVERAGE | <div style="text-align: center;"> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 20h 23m 12s CCSL: B124 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | <div style="text-align: center;"> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE | | | | | | | | | | | | | | CR-5T | | | | | | | | | | | | | |
| XB DATA RATE(MI) | | | | | | | | | | | | | | ON CALL | | | | | | | | | | | | | |
| 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: | AUG 23 | | | | | | | | | | | | | AUG 24 | | | | | | | | | | | | | |