

<b>VOYAGER</b> <b>Space Flight Operations Schedule (SFOS)</b>
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Issue Date: November 21, 2017

For the Period: 11/23/17 to 12/11/17 (17/327 – 17/345)

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

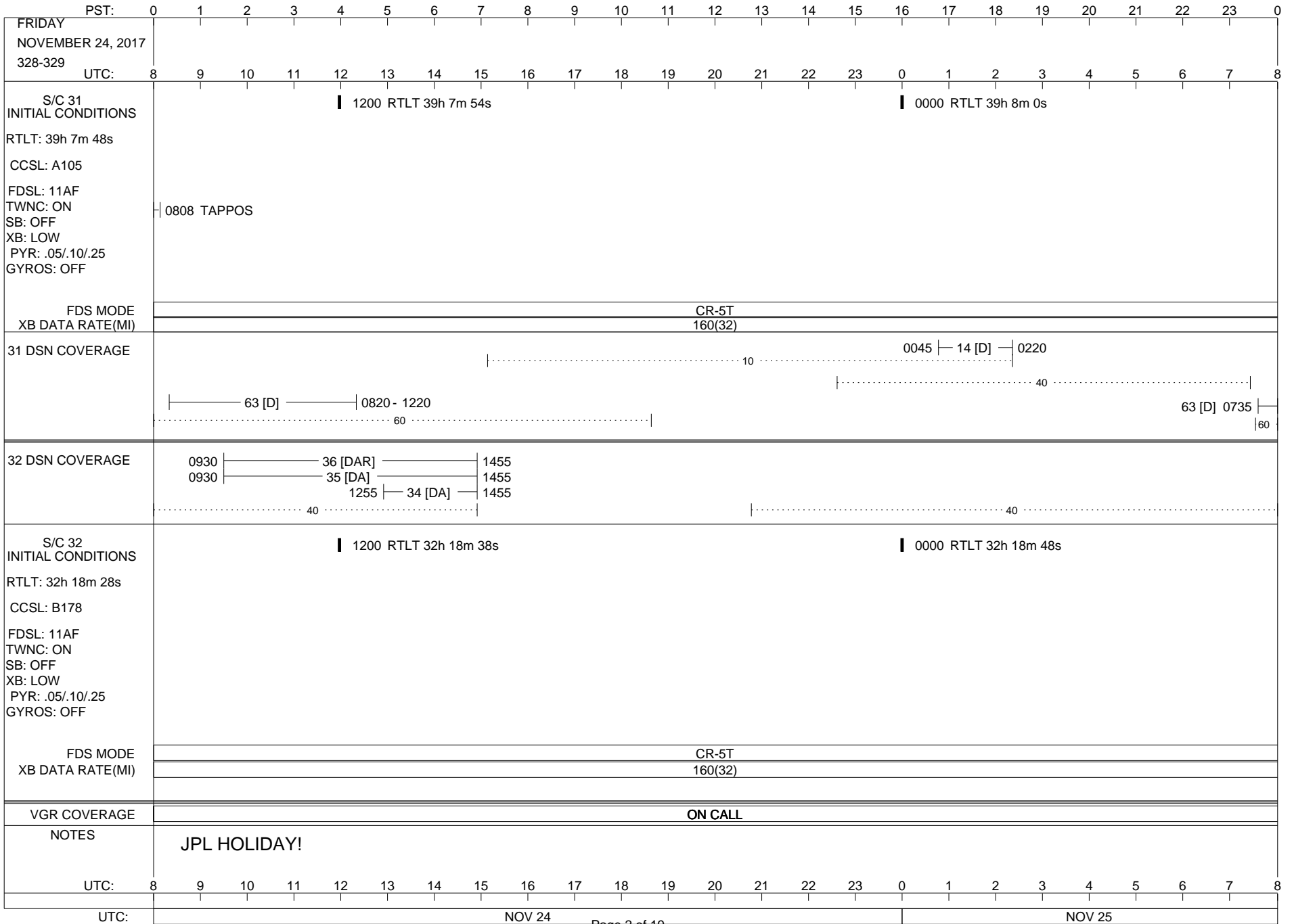
Posted at [http://voyager.jpl.nasa.gov/mission/soesfos/tracking\\_schedule.html](http://voyager.jpl.nasa.gov/mission/soesfos/tracking_schedule.html)

02/27/17

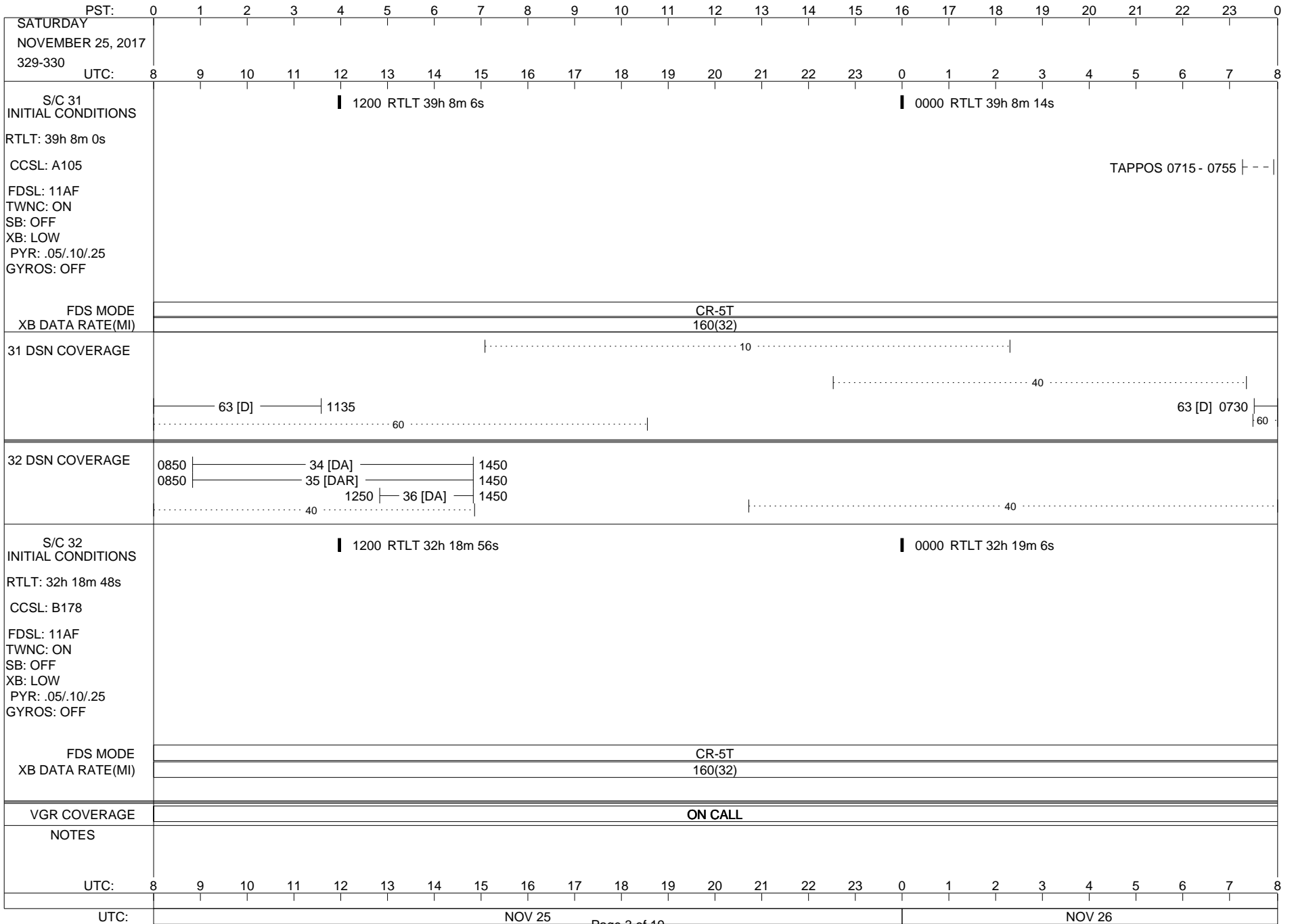
ISSUE DATE: 11/21/17 06:12

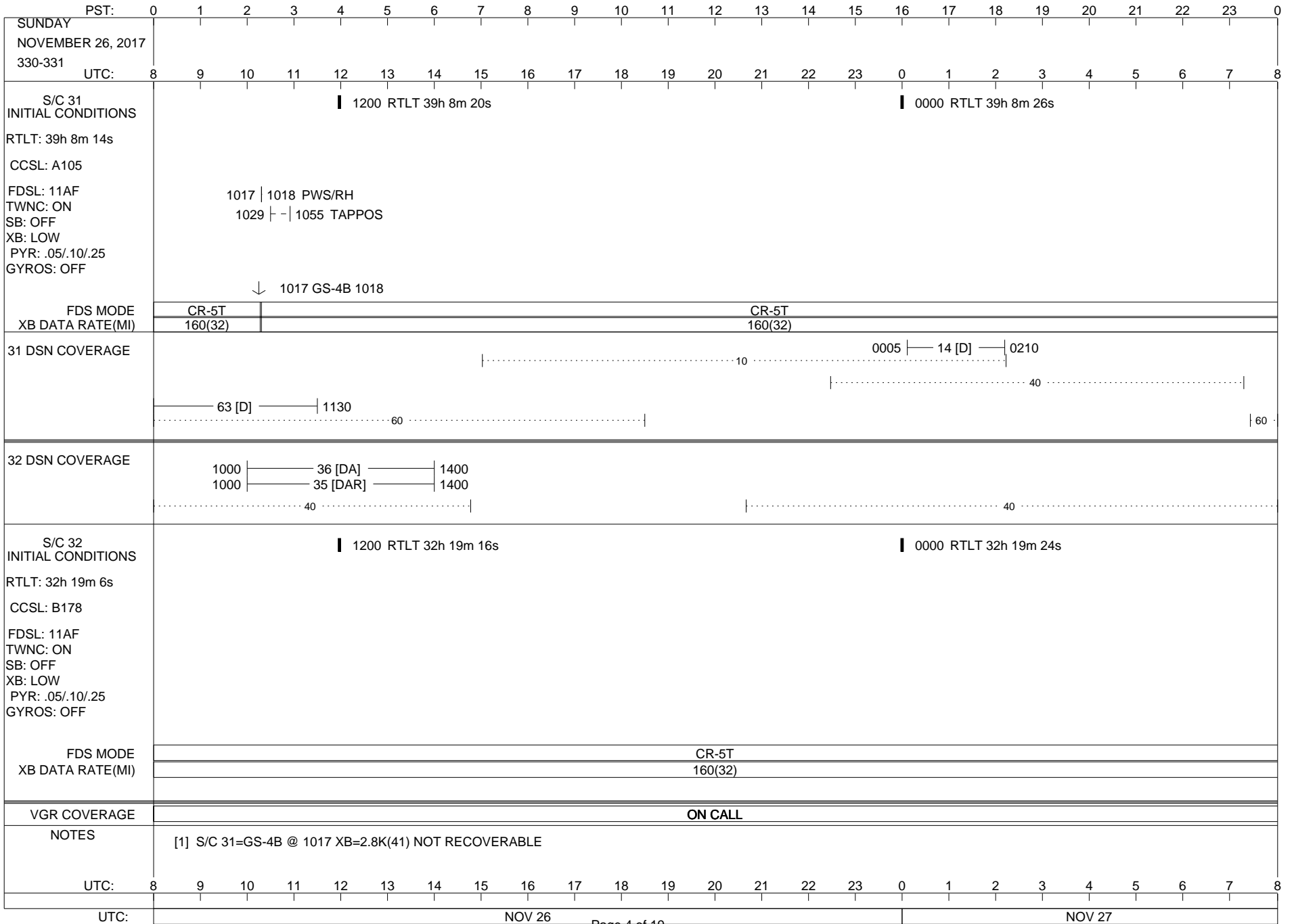
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THURSDAY NOVEMBER 23, 2017 327-328																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLT: 39h 7m 34s CCSL: A105 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 7m 42s												0000 RTLT 39h 7m 48s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	1545  -----  14 [D]  -----  1945												0045  -----  14 [D]  -----  0220													
	-----  60  -----												-----  40  -----													
32 DSN COVERAGE	0900  -----  35 [DA]  -----  1455																									
	0900  -----  36 [DAR]  -----  1455																									
	1320  -----  34 [DA]  -----  1455												-----  40  -----													
S/C 32 INITIAL CONDITIONS RTLT: 32h 18m 10s CCSL: B178 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 18m 18s												0000 RTLT 32h 18m 28s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
VGR COVERAGE	ON CALL																									
NOTES	JPL HOLIDAY! [1] S/C 31=GS-4B @ 0716 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 23												NOV 24													

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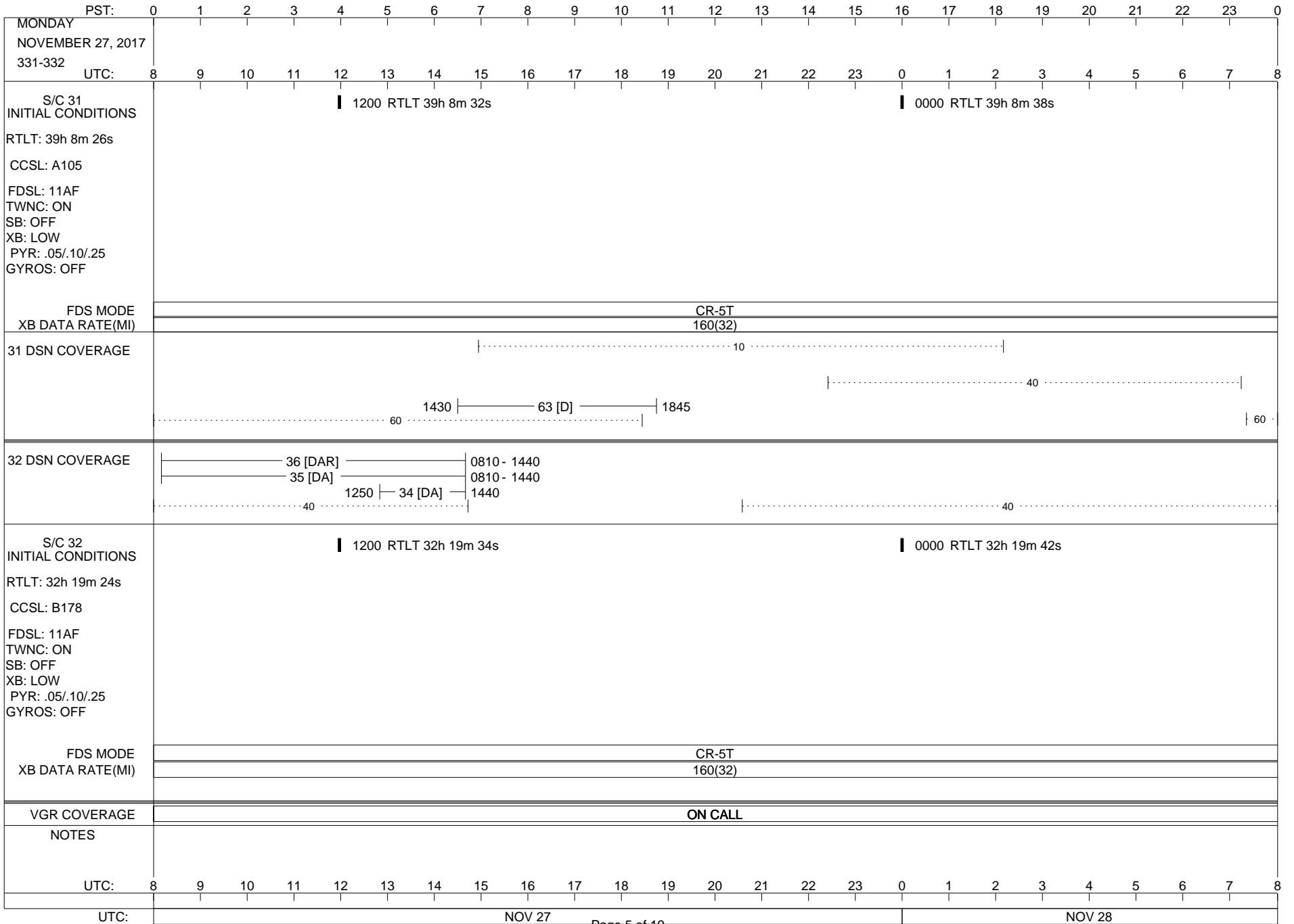


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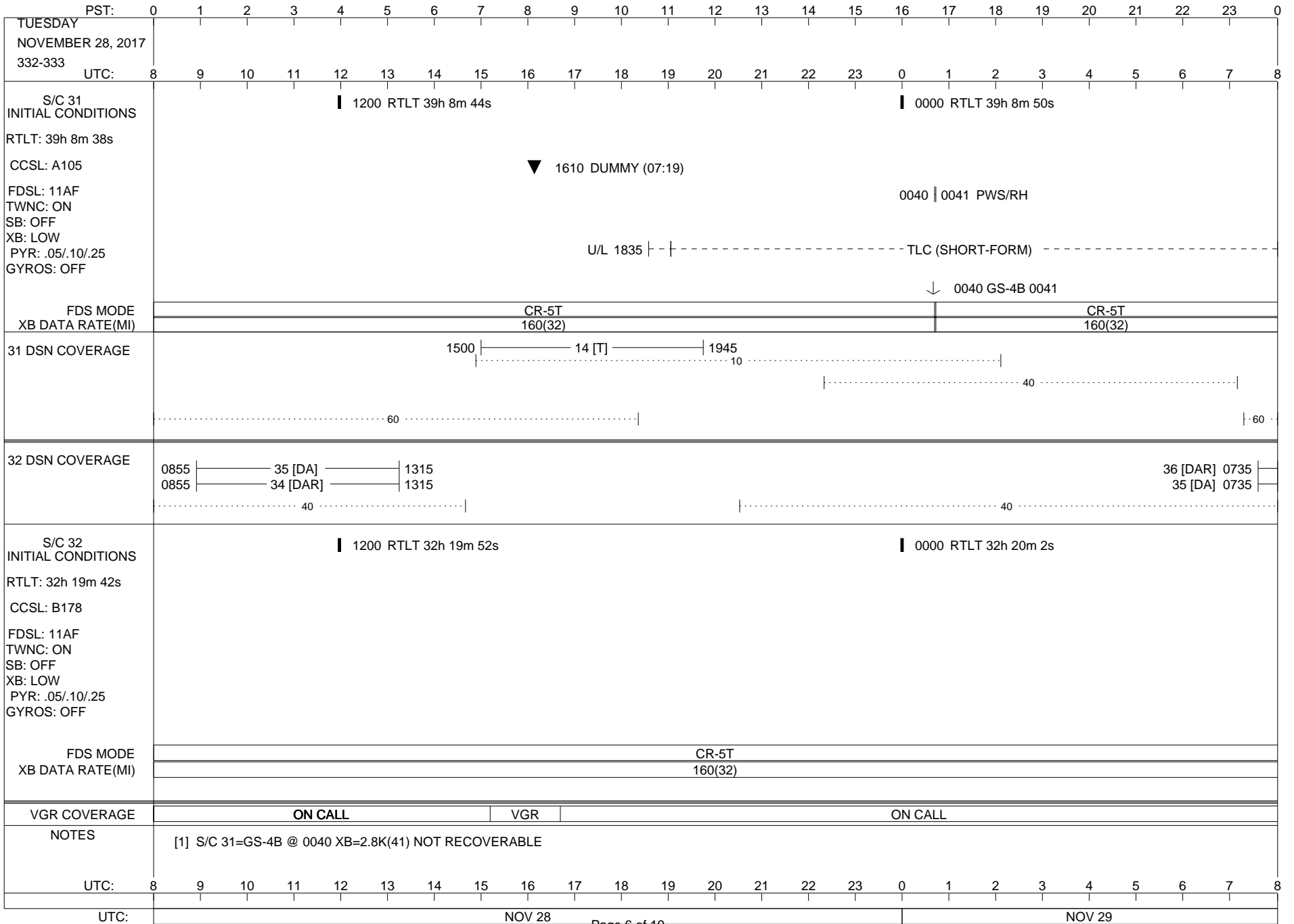




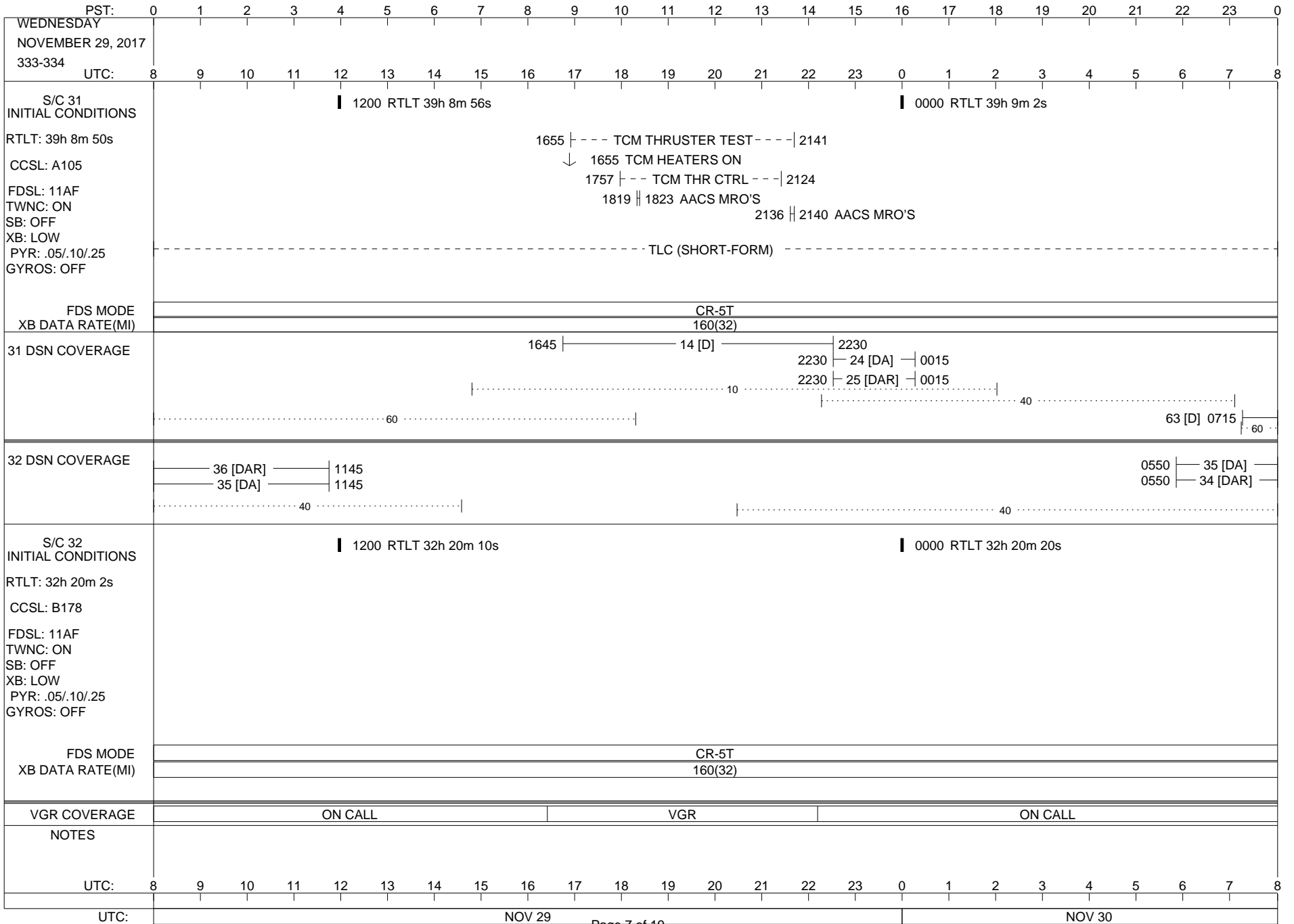
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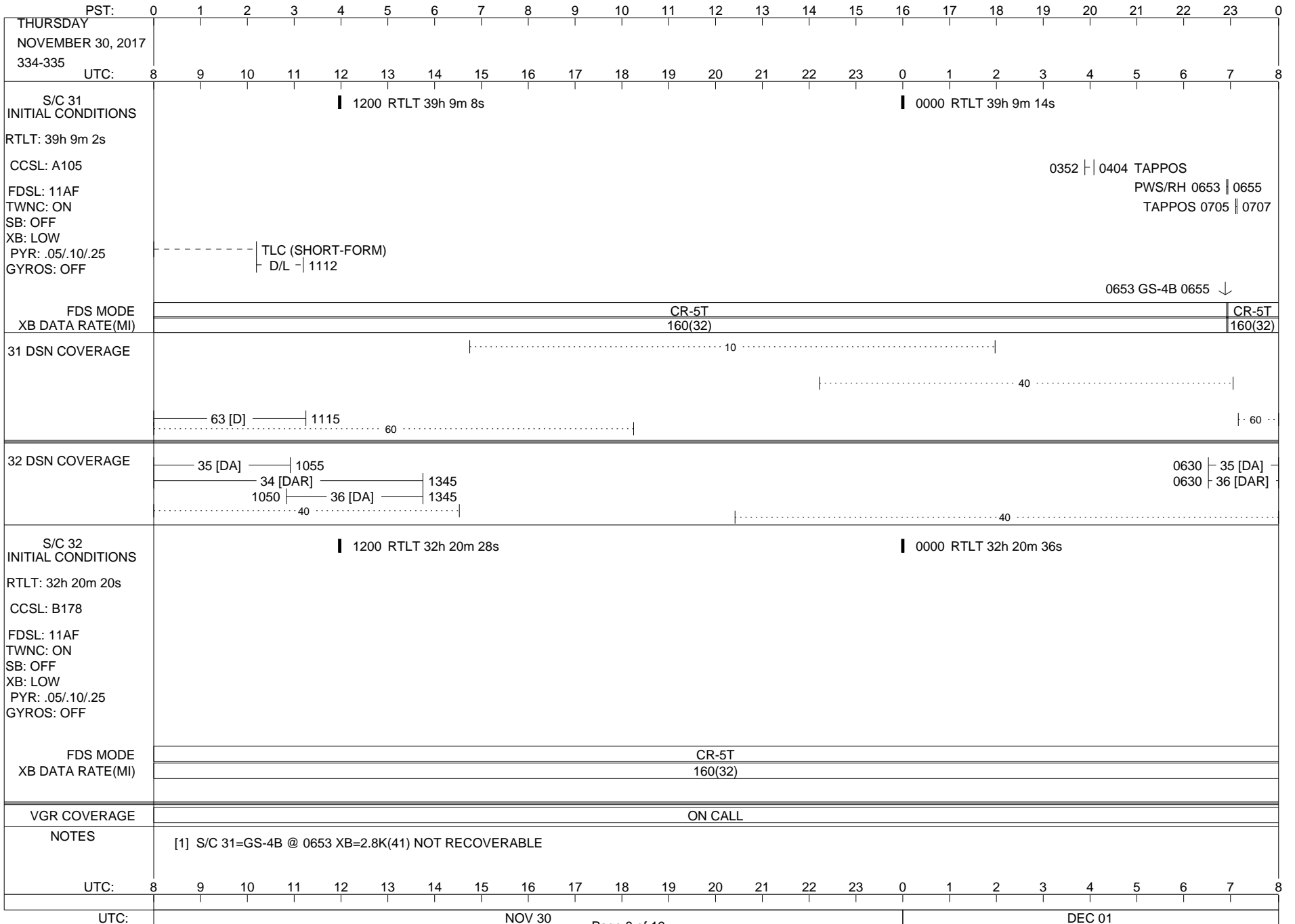


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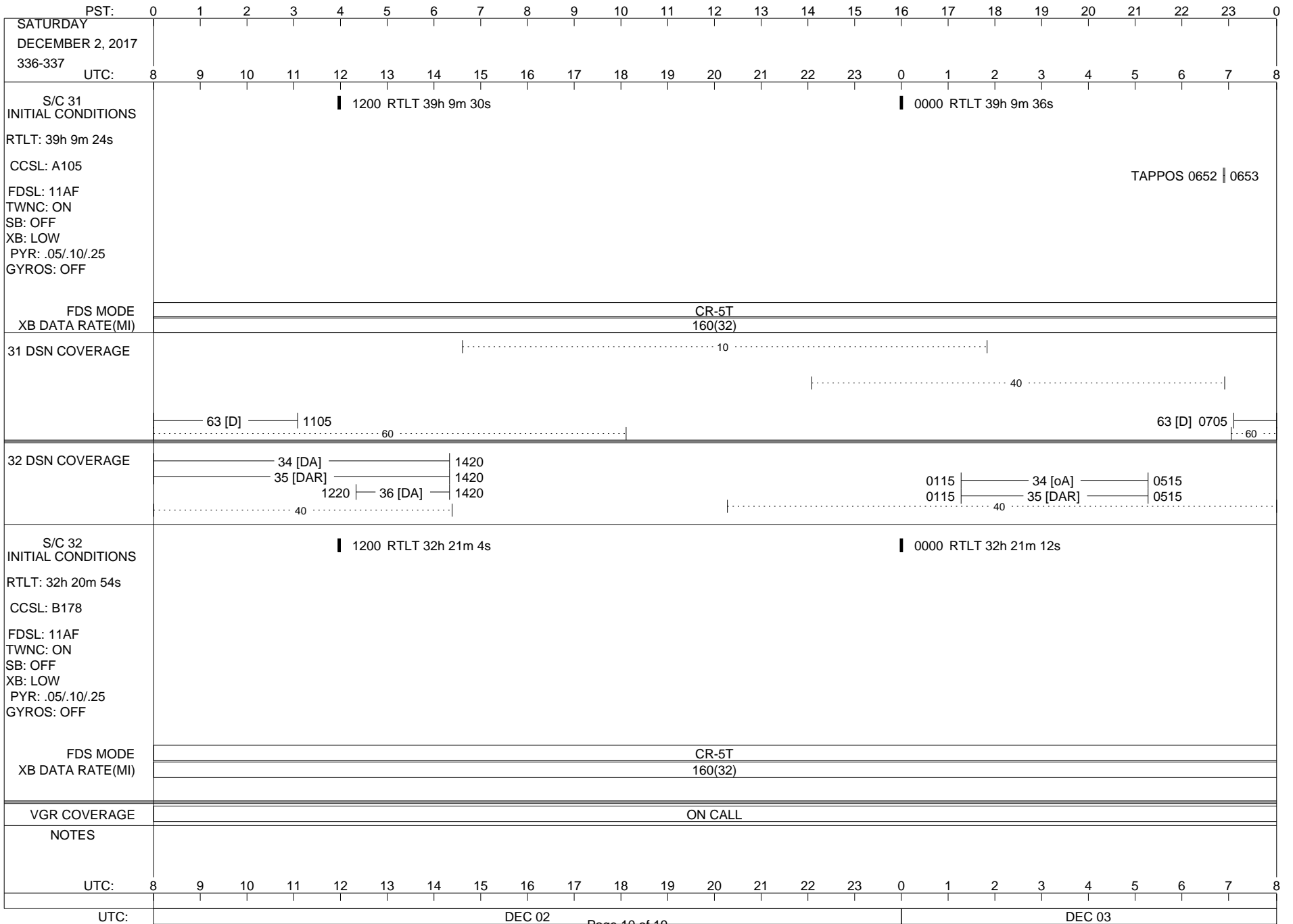
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FRIDAY DECEMBER 1, 2017 335-336																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLT: 39h 9m 14s CCSL: A105 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF					█ 1200																					
FDS MODE XB DATA RATE(MI)																										
31 DSN COVERAGE																										
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS RTLT: 32h 20m 36s CCSL: B178 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF					█ 1200																					
FDS MODE XB DATA RATE(MI)																										
VGR COVERAGE																										
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 01													DEC 02												

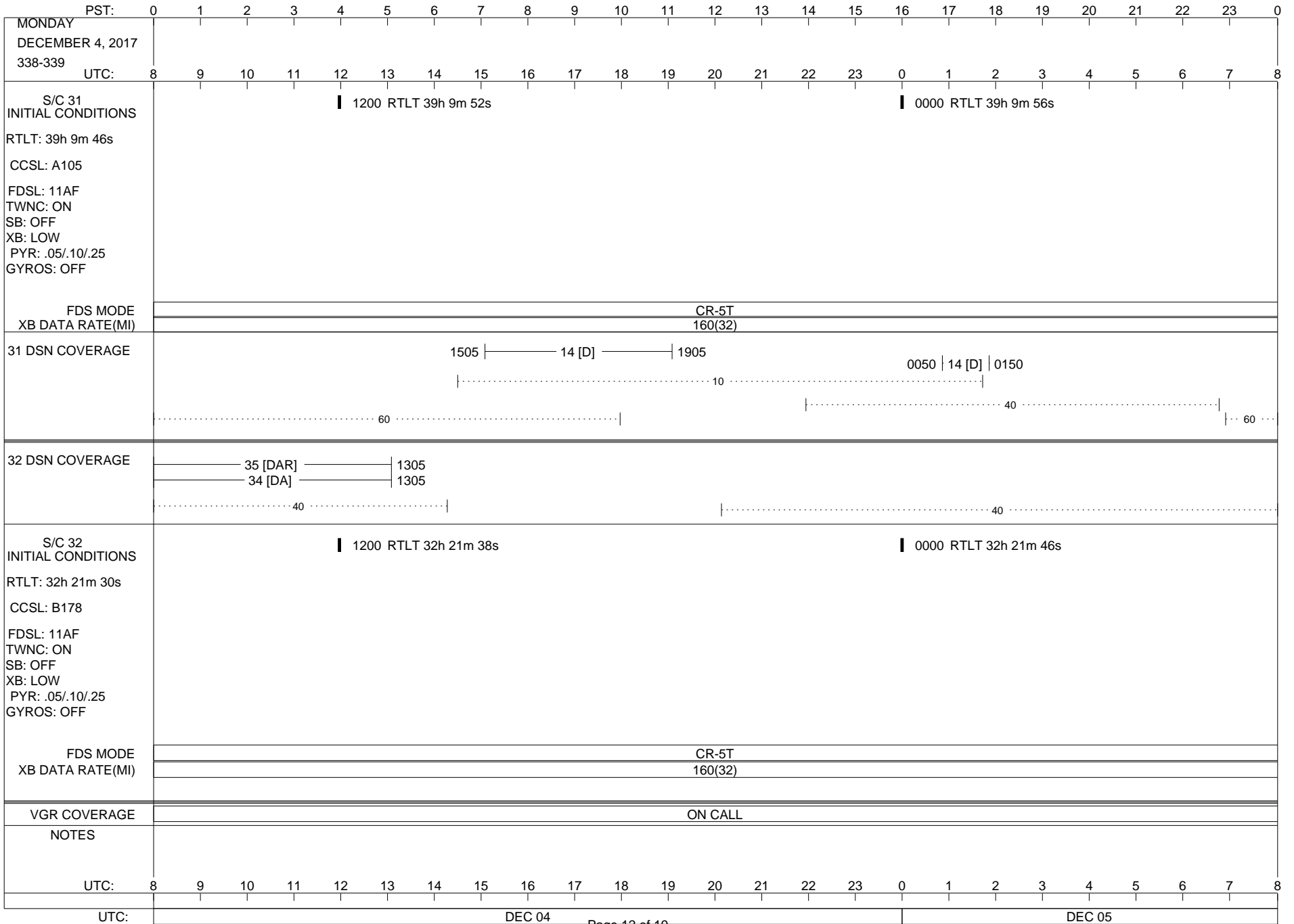
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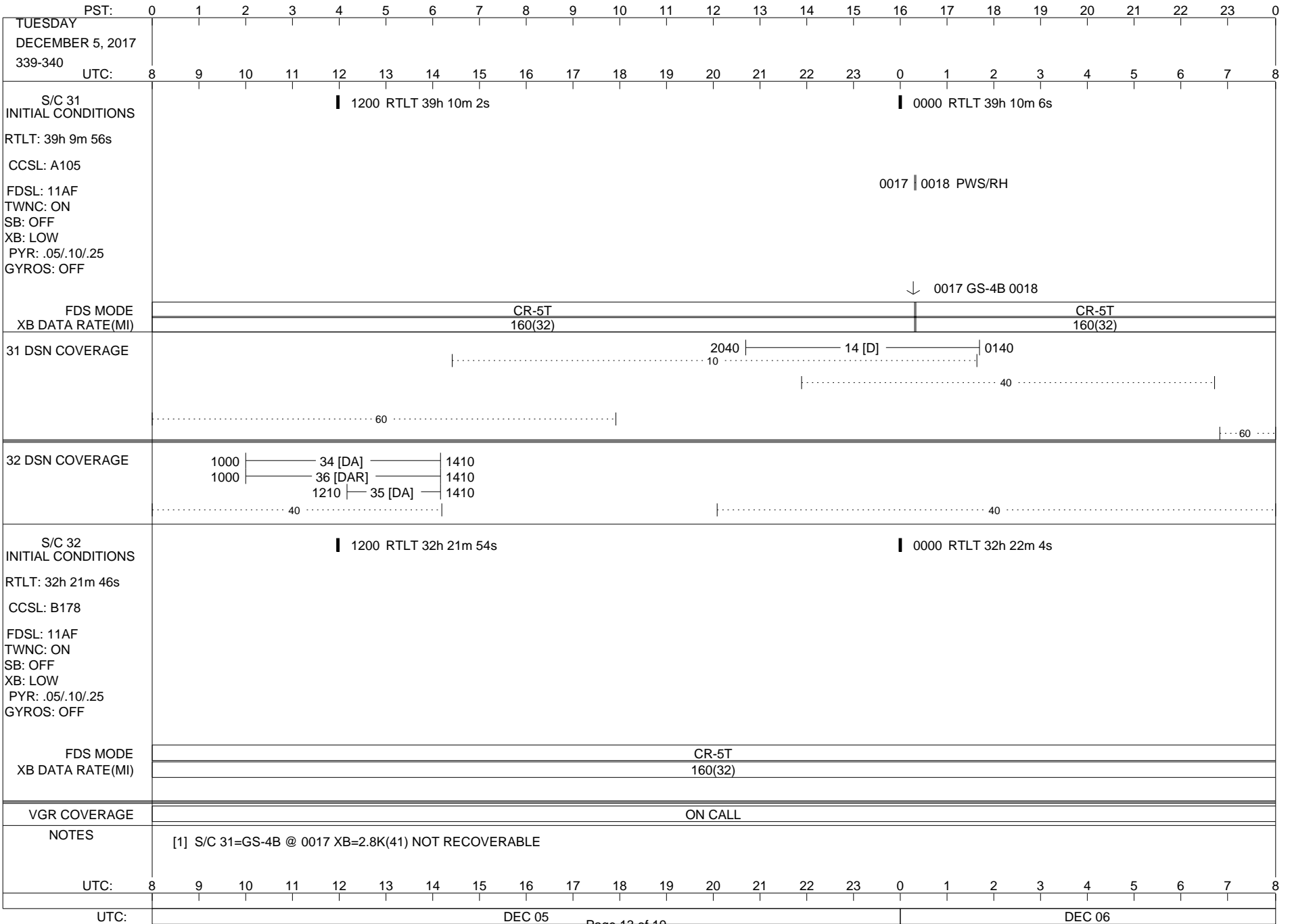


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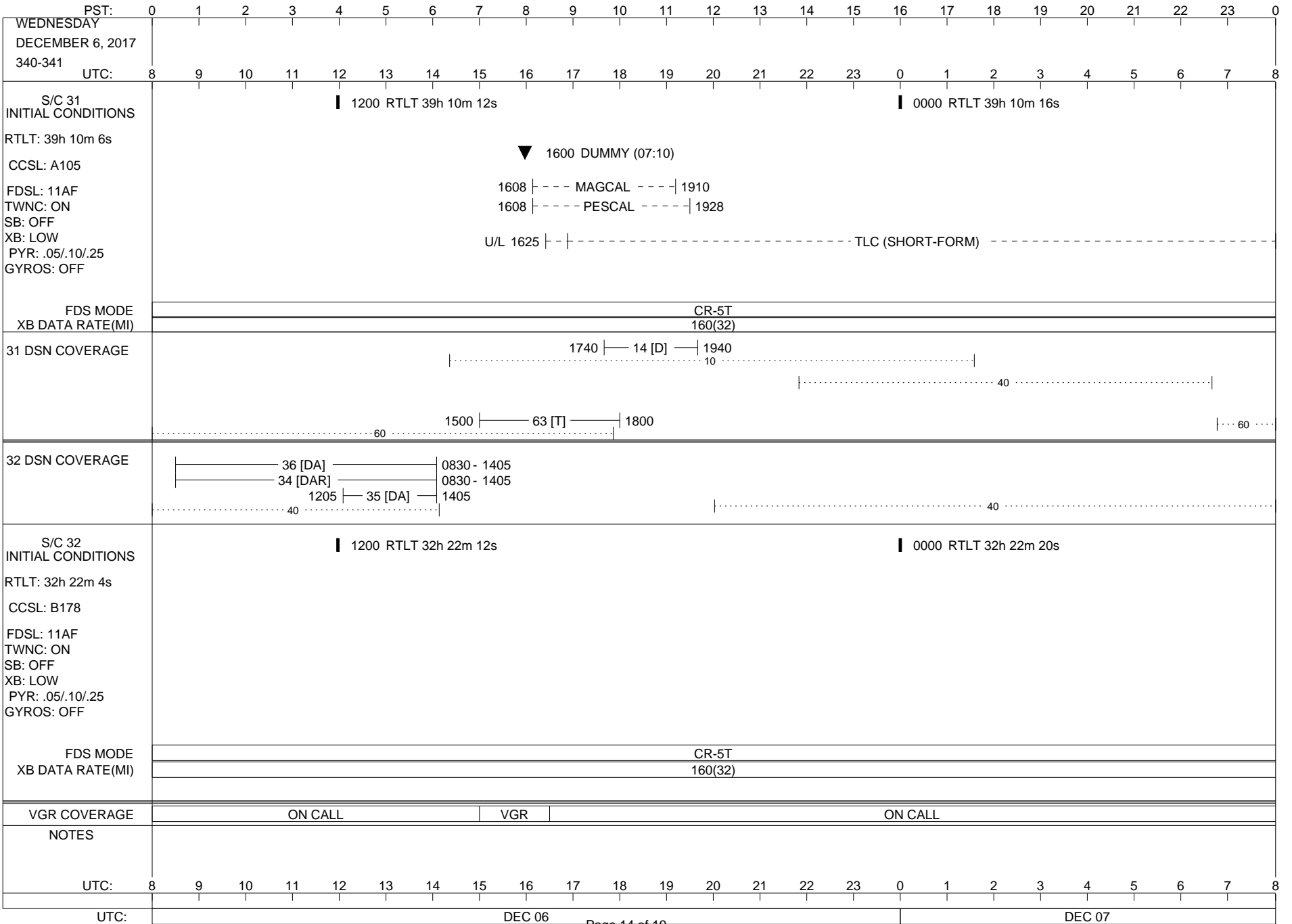
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SUNDAY DECEMBER 3, 2017 337-338																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS	1200 RTLT 39h 9m 40s												0000 RTLT 39h 9m 46s													
RTLT: 39h 9m 36s																										
CCSL: A105																										
FDSL: 11AF	0953   0955 PWS/RH																									
TWNC: ON	1005     1021 TAPPOS																									
SB: OFF																										
XB: LOW																										
PYR: .05/.10/.25																										
GYROS: OFF																										
	↓ 0953 GS-4B 0955																									
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE																										
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS	1200 RTLT 32h 21m 20s												0000 RTLT 32h 21m 30s													
RTLT: 32h 21m 12s																										
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	[1] S/C 31=GS-4B @ 0953 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:	DEC 03																DEC 04									

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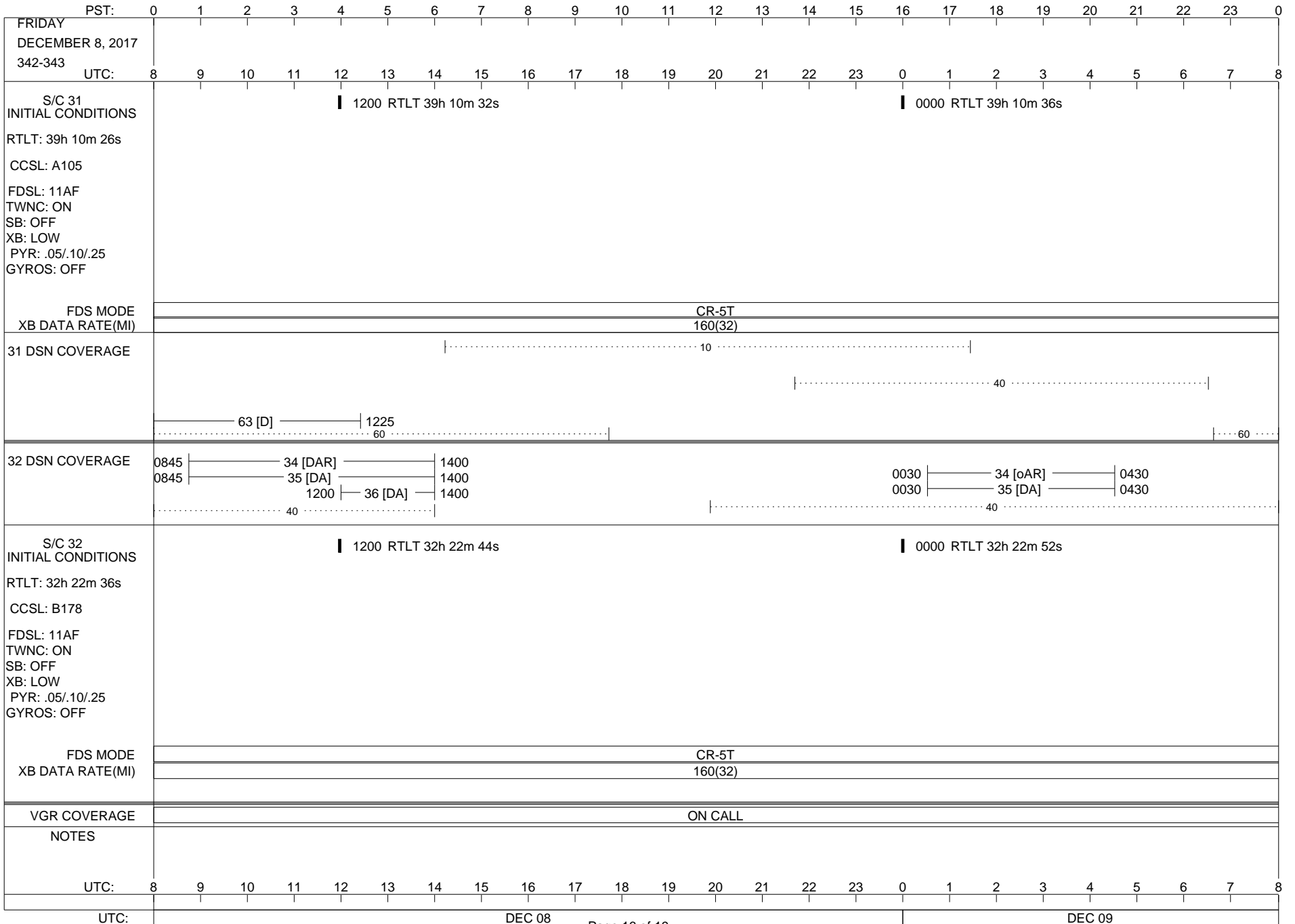


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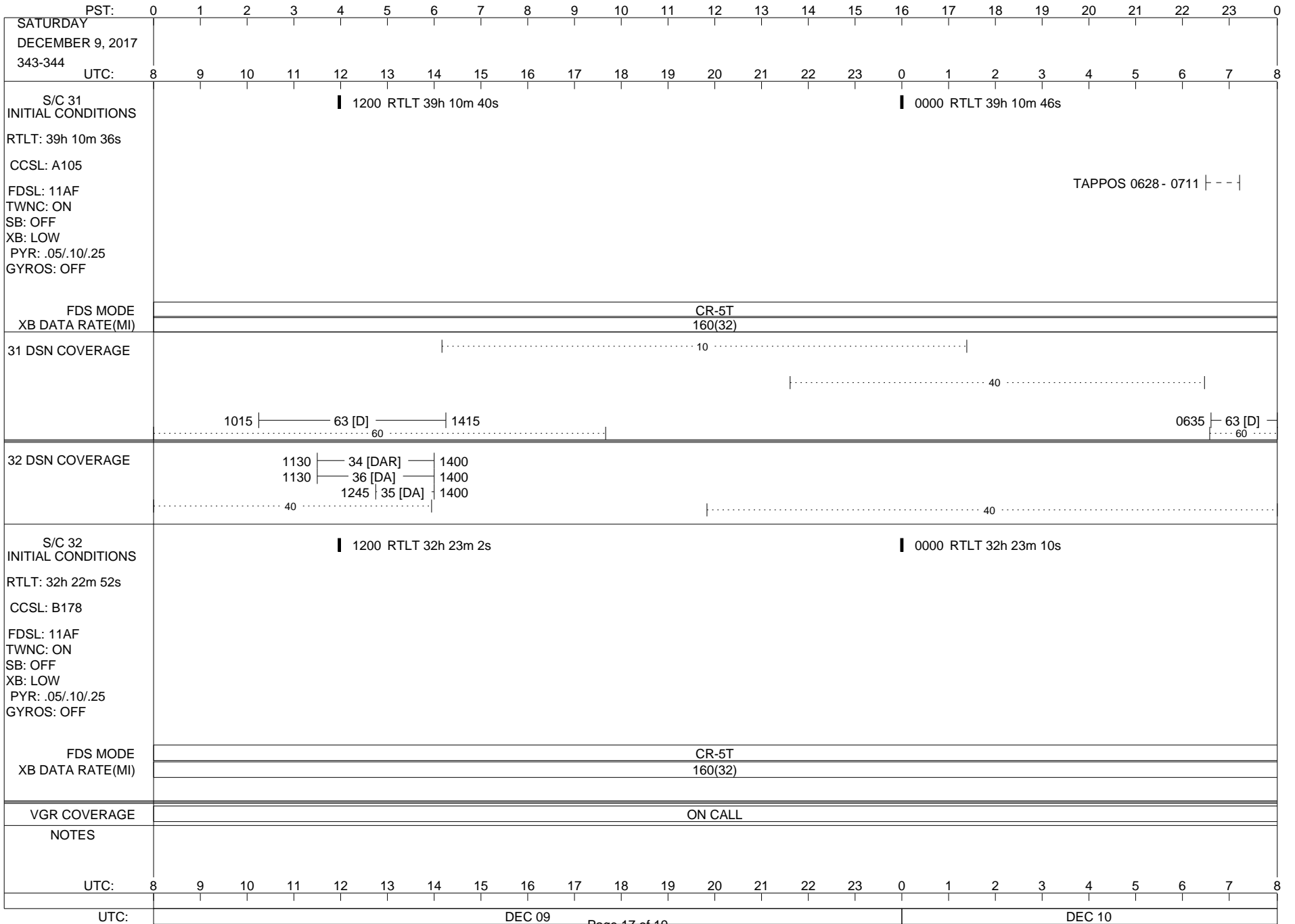
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THURSDAY DECEMBER 7, 2017 341-342																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLTL: 39h 10m 16s CCSL: A105 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	1200 RTLTL 39h 10m 22s												0000 RTLTL 39h 10m 26s													
													0328   -   0357 TAPPOS PWS/RH 0630   0631 TAPPOS 0642 - 0725   - -													
													- 0735   D/L -													
													0630 GS-4B 0631 ↓													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	..... 10 .....												..... 40 .....													
	1420   54 [DA]   1535 1420   1535 55 [DAR]												..... 40 .....													
	60 .....   1530   63 [D]   1820												0645   63 [D]   ..... 60 .....													
32 DSN COVERAGE	0910   34 [DA]   1400 0910   36 [DAR]   1400 1200   35 [DA]   1400												0105   0155 34 [DAR] 0105   0155 36 [DA]													
	40 .....												..... 40 .....													
S/C 32 INITIAL CONDITIONS RTLTL: 32h 22m 20s CCSL: B178 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	1200 RTLTL 32h 22m 28s												0000 RTLTL 32h 22m 36s													
													0112   0119 CCSTIMB FINE													
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 @ 0630 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:	DEC 07												DEC 08													



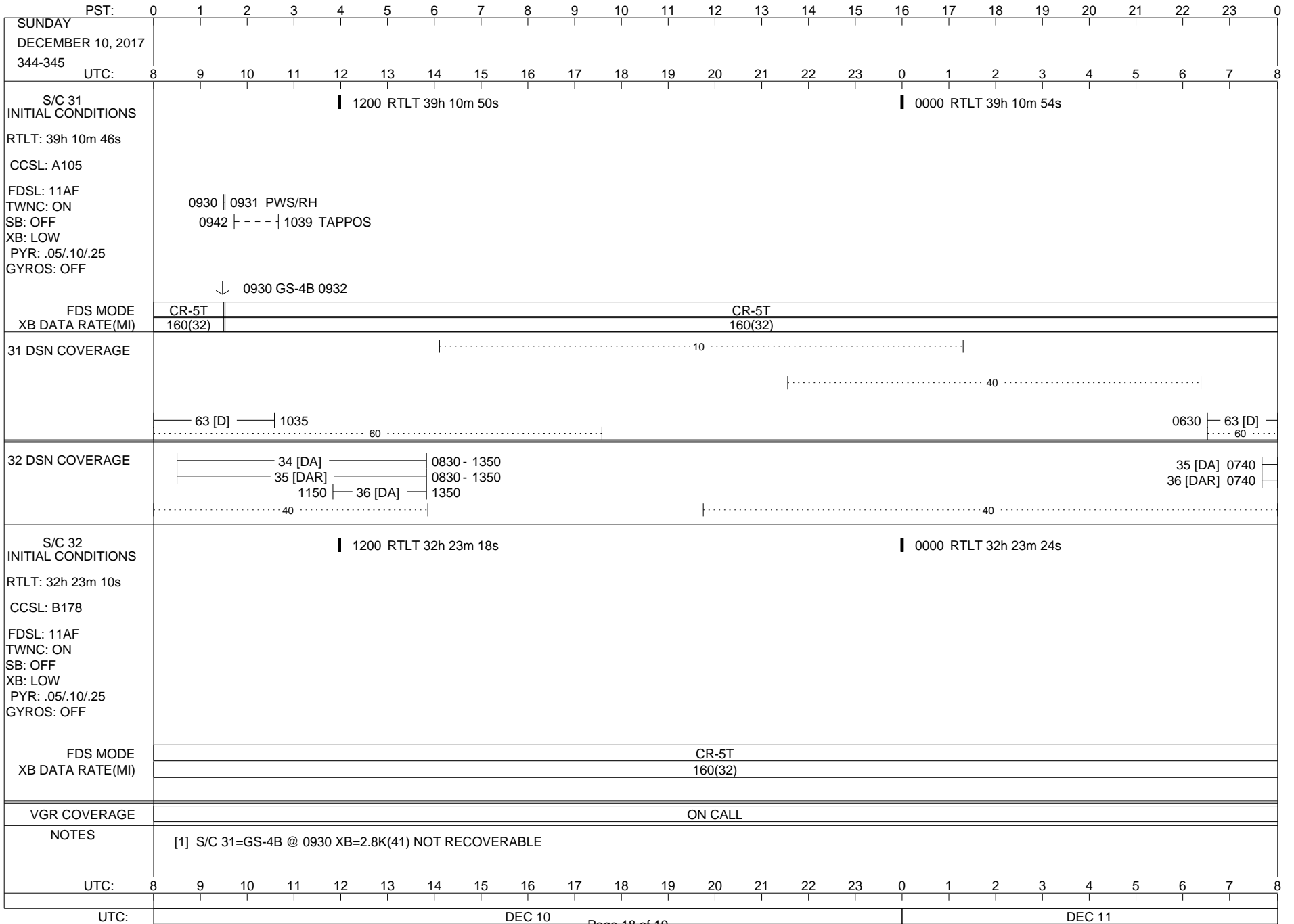
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