

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: December 6, 2017

For the Period: 12/07/17 to 12/25/17 (17/341 – 17/359)

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

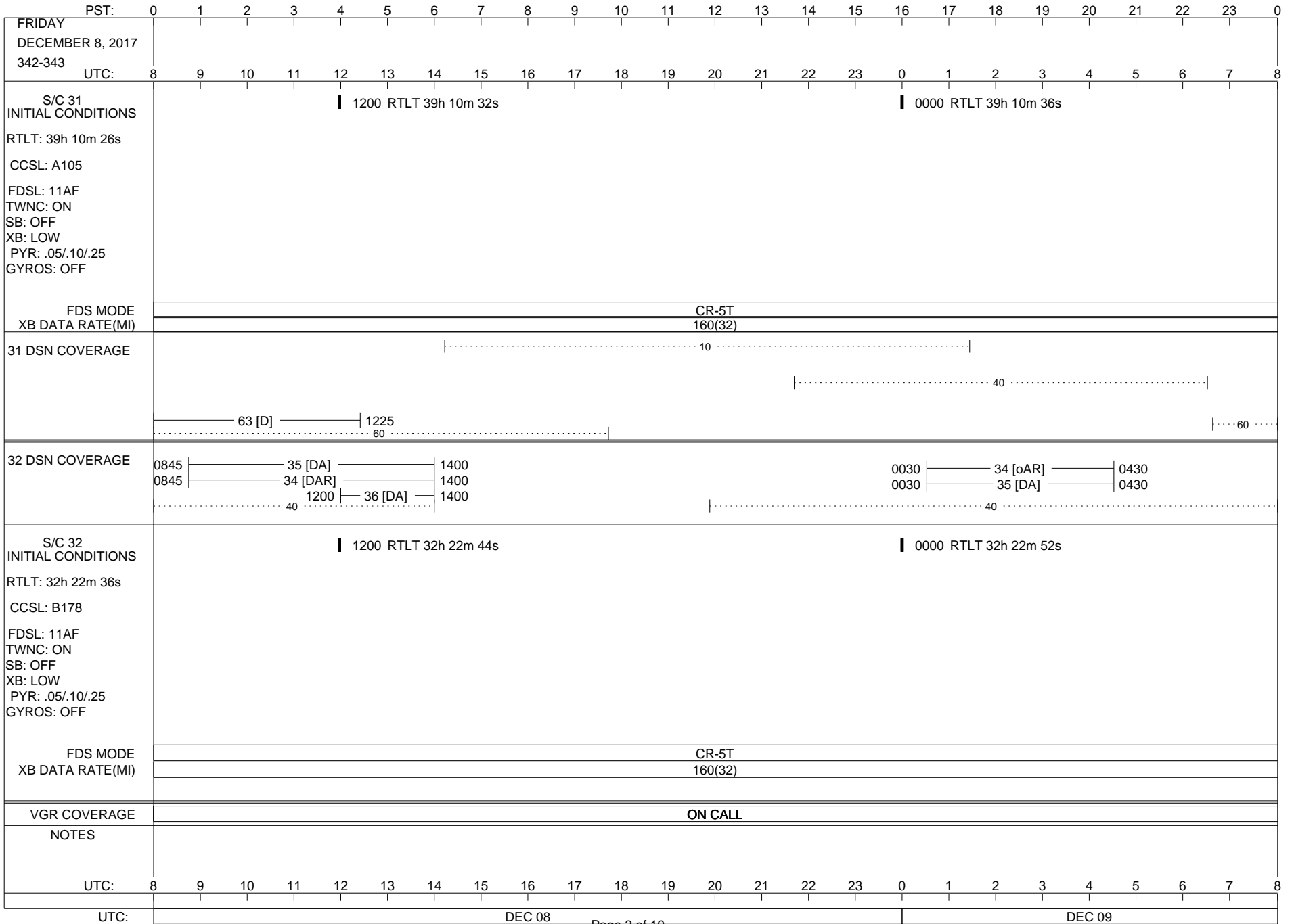
Posted at http://voyager.jpl.nasa.gov/mission/soesfos/tracking_schedule.html

02/27/17

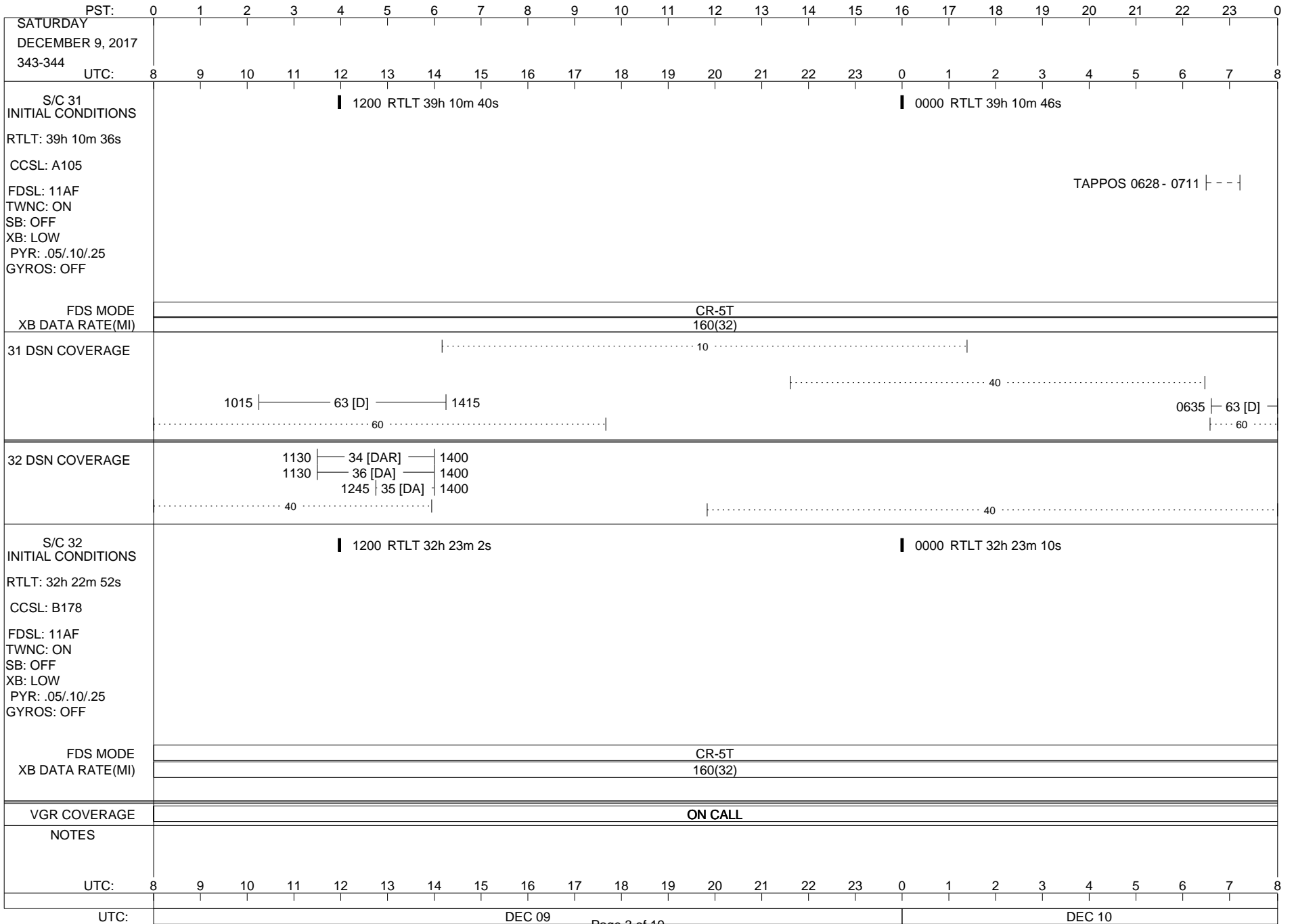
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S/C 31 INITIAL CONDITIONS RTLTL: 39h 10m 16s CCSL: A105 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 39h 10m 22s														0000 RTLTL 39h 10m 26s													
TLC (SHORT-FORM)																												
0328 - 0357 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	<p>.....10..... </p> <p>1420 54 [DA] 1535 1420 1535 55 [DAR] 40</p> <p>1530 63 [D] 182060..... </p> <p>0645 63 [D] 60..... </p>																											
32 DSN COVERAGE	<p>0910 36 [DAR] 1400 0910 34 [DA] 1400 1200 35 [DA] 140040..... </p> <p>0105 0155 34 [DAR] 0105 0155 36 [DA] 40</p>																											
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																											
XB DATA RATE(MI)	160(32)																											
VGR COVERAGE	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			
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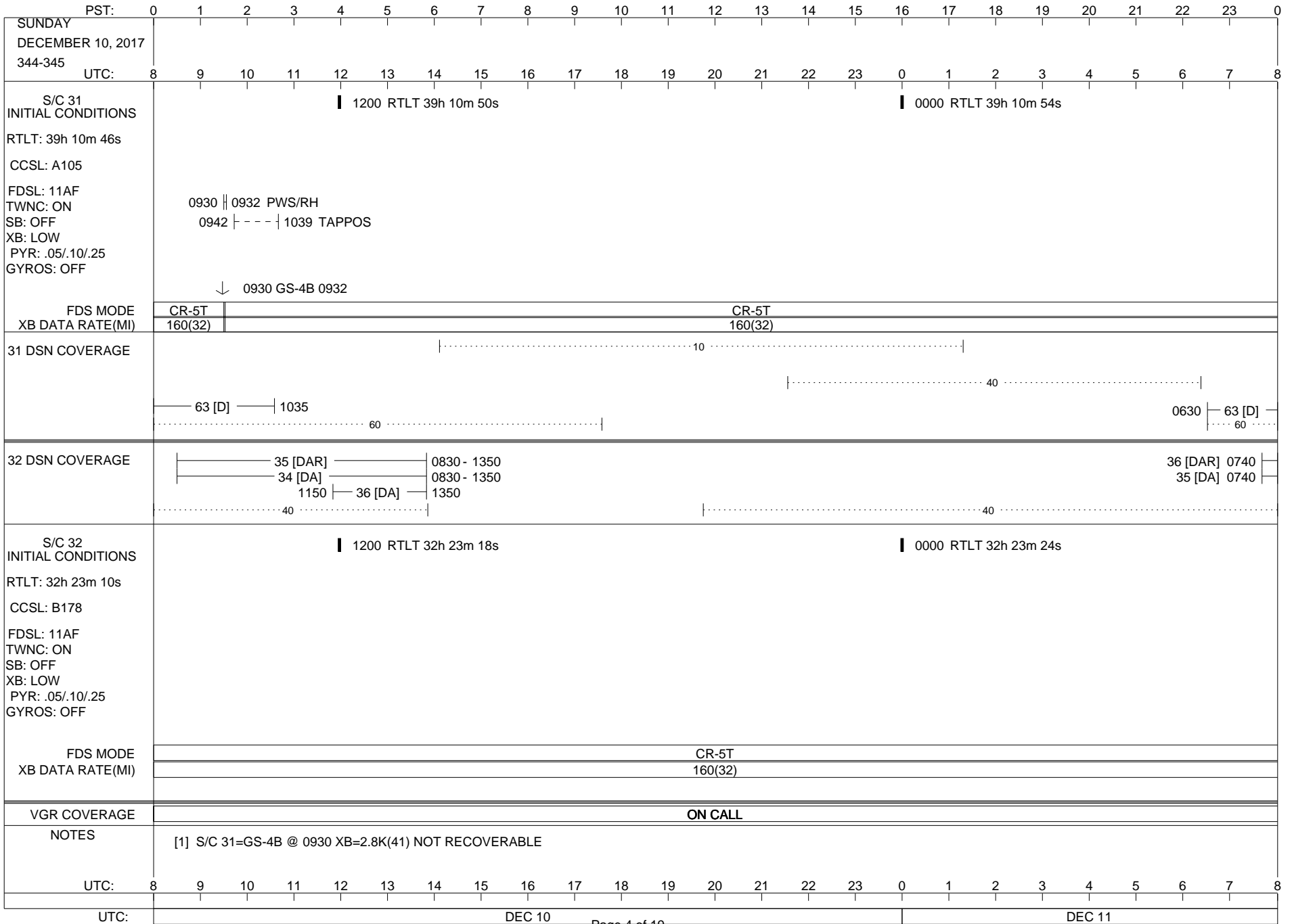
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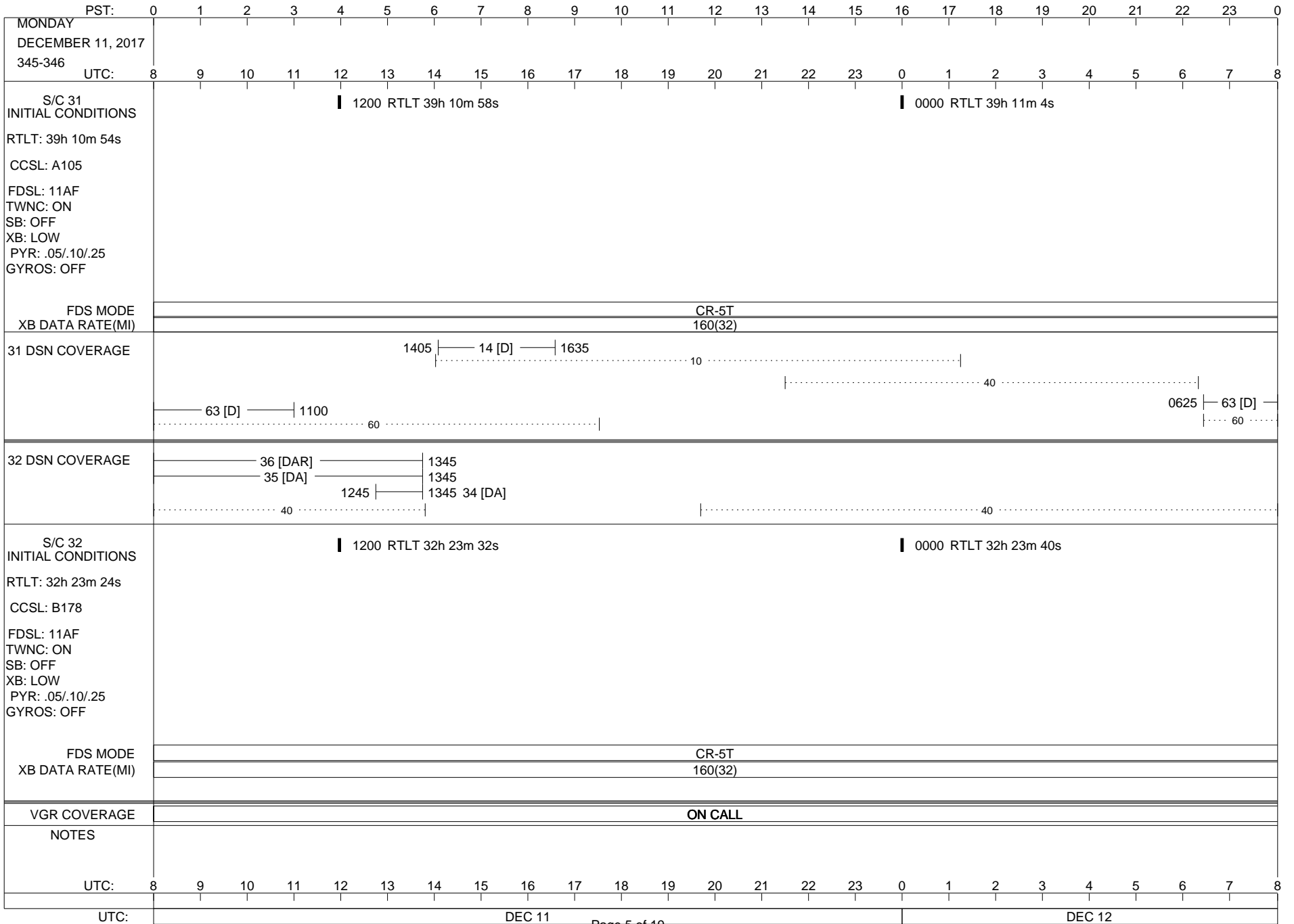
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UTC: DEC 10

DEC 11

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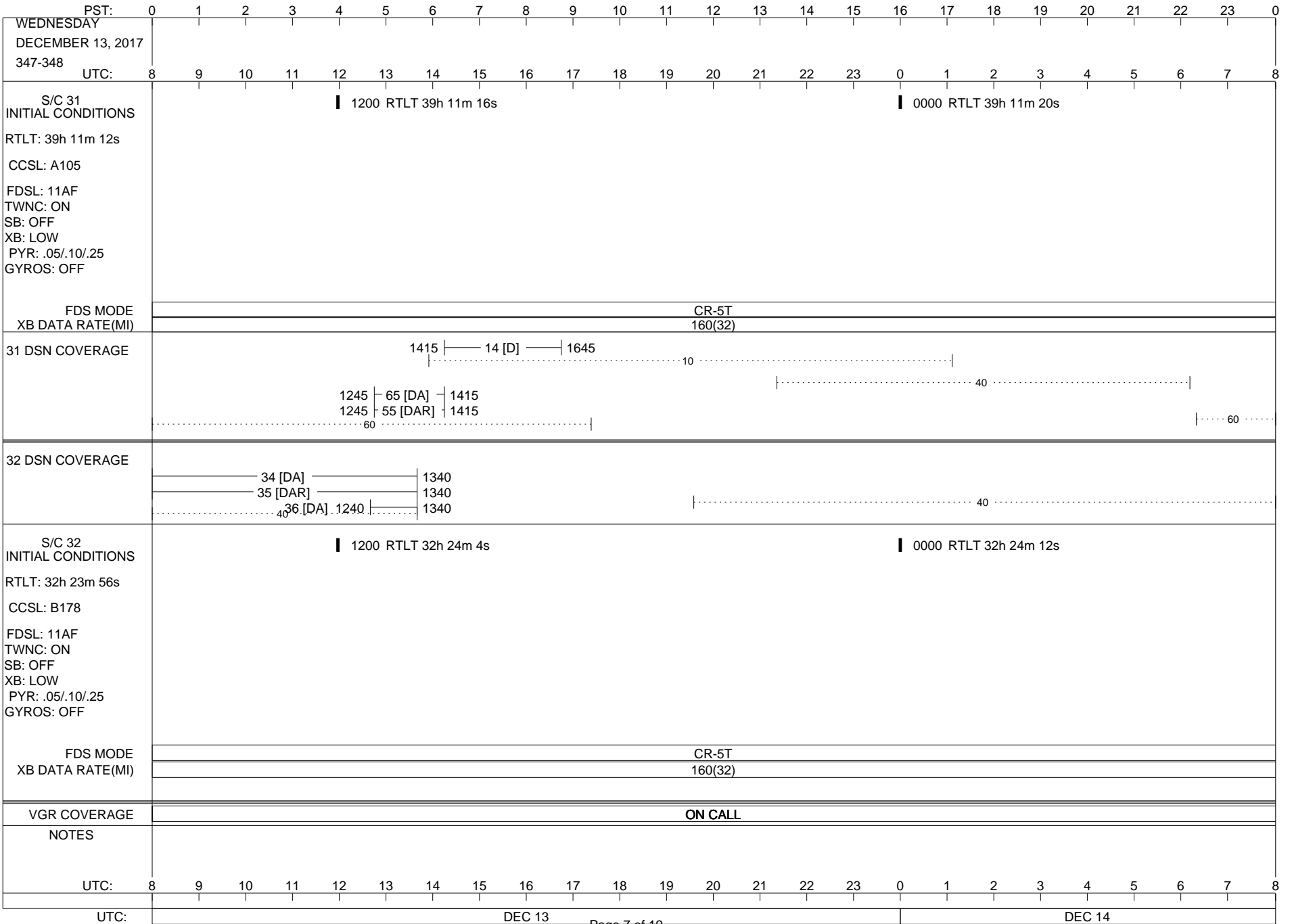


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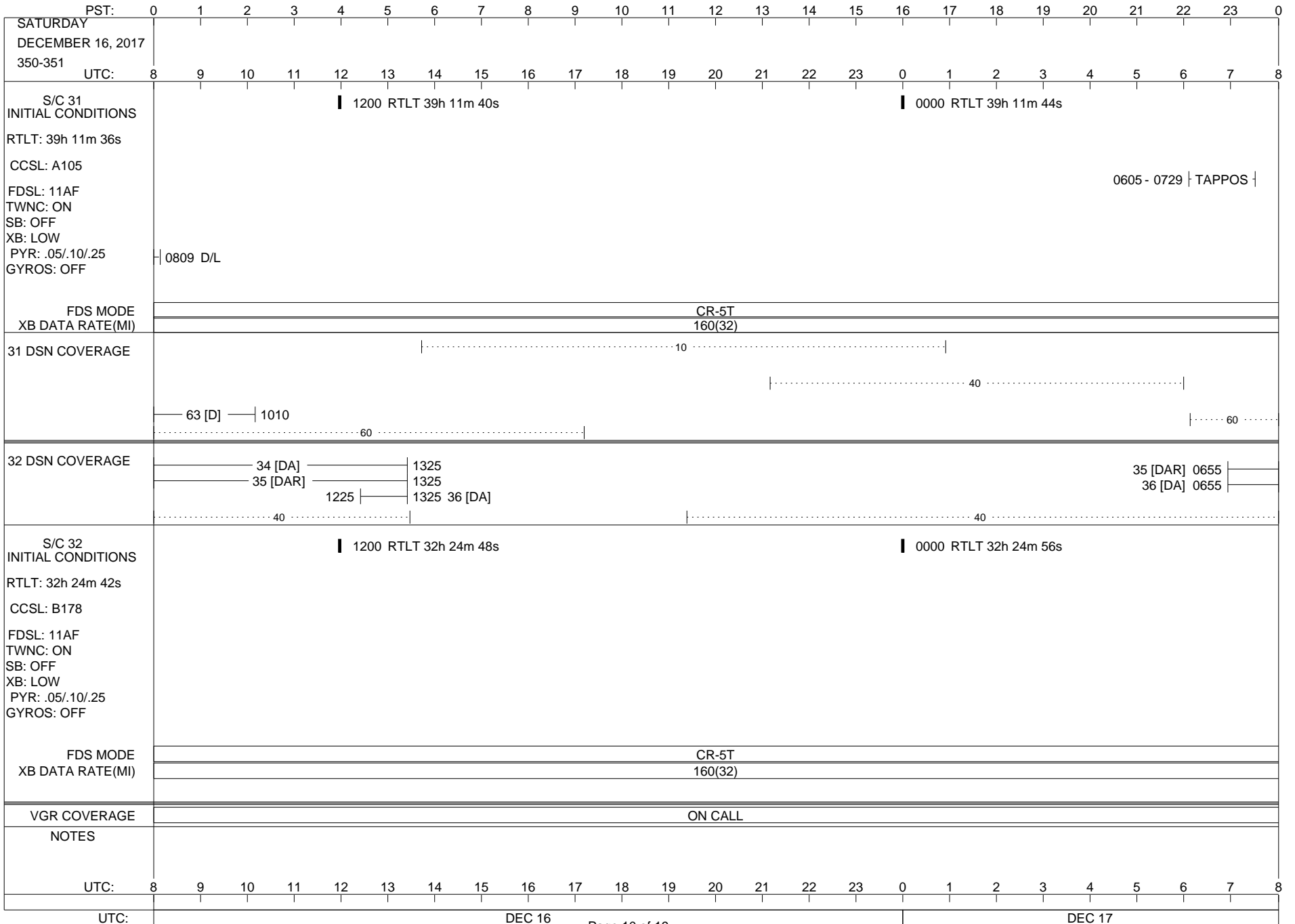
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S/C 31 INITIAL CONDITIONS RTLTL: 39h 11m 4s CCSL: A105 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						1200												0000								
																			2353 2354							
																			↓ 2353 GS-4B 2354							
FDS MODE XB DATA RATE(MI)																										
31 DSN COVERAGE																										
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS RTLTL: 32h 23m 40s CCSL: B178 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						1200													0000							
FDS MODE XB DATA RATE(MI)																										
VGR COVERAGE																										
NOTES																										
UTC:																										
UTC:																										

[1] S/C 31=GS-4B @ 2353 XB=2.8K(41) NOT RECOVERABLE

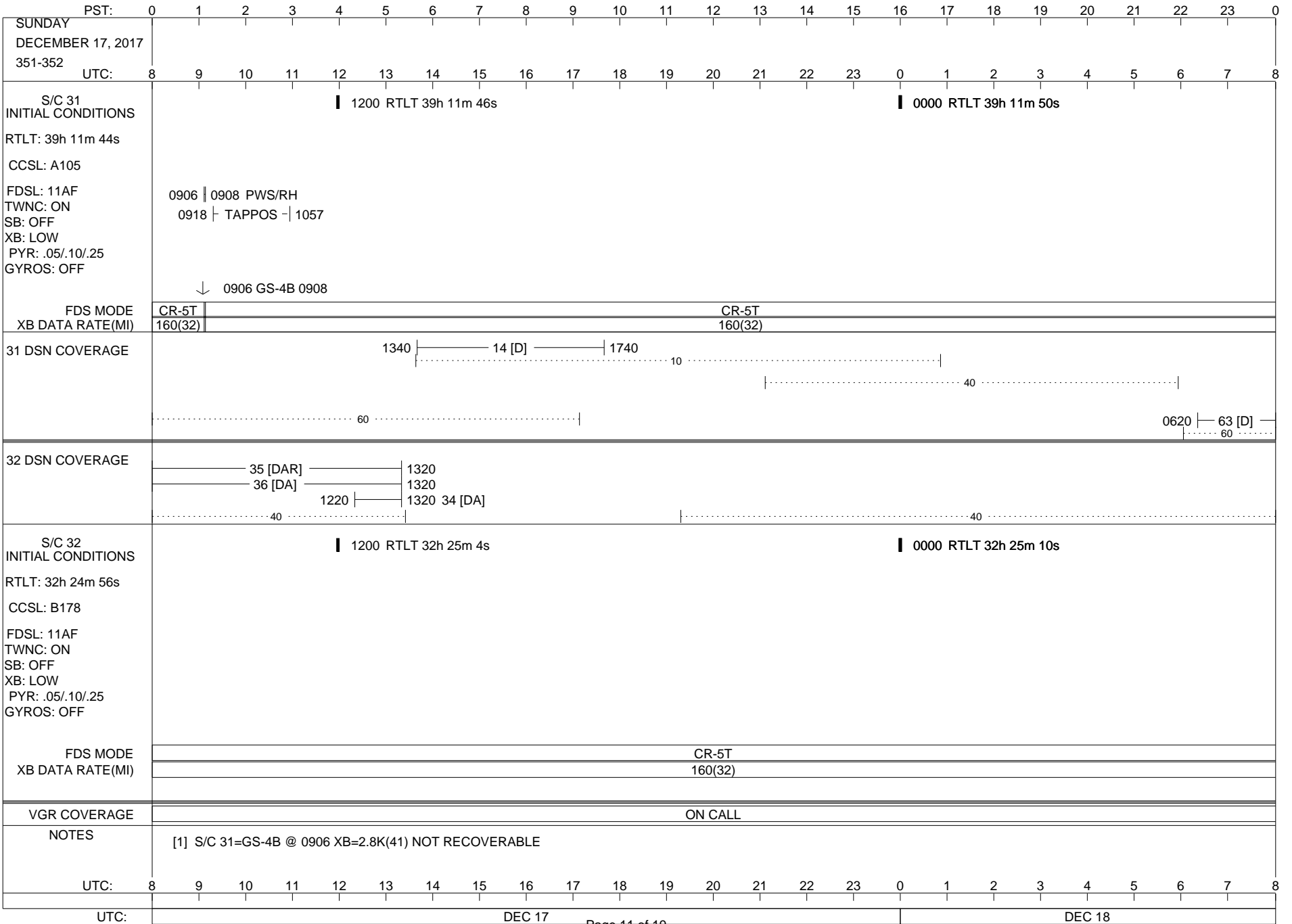
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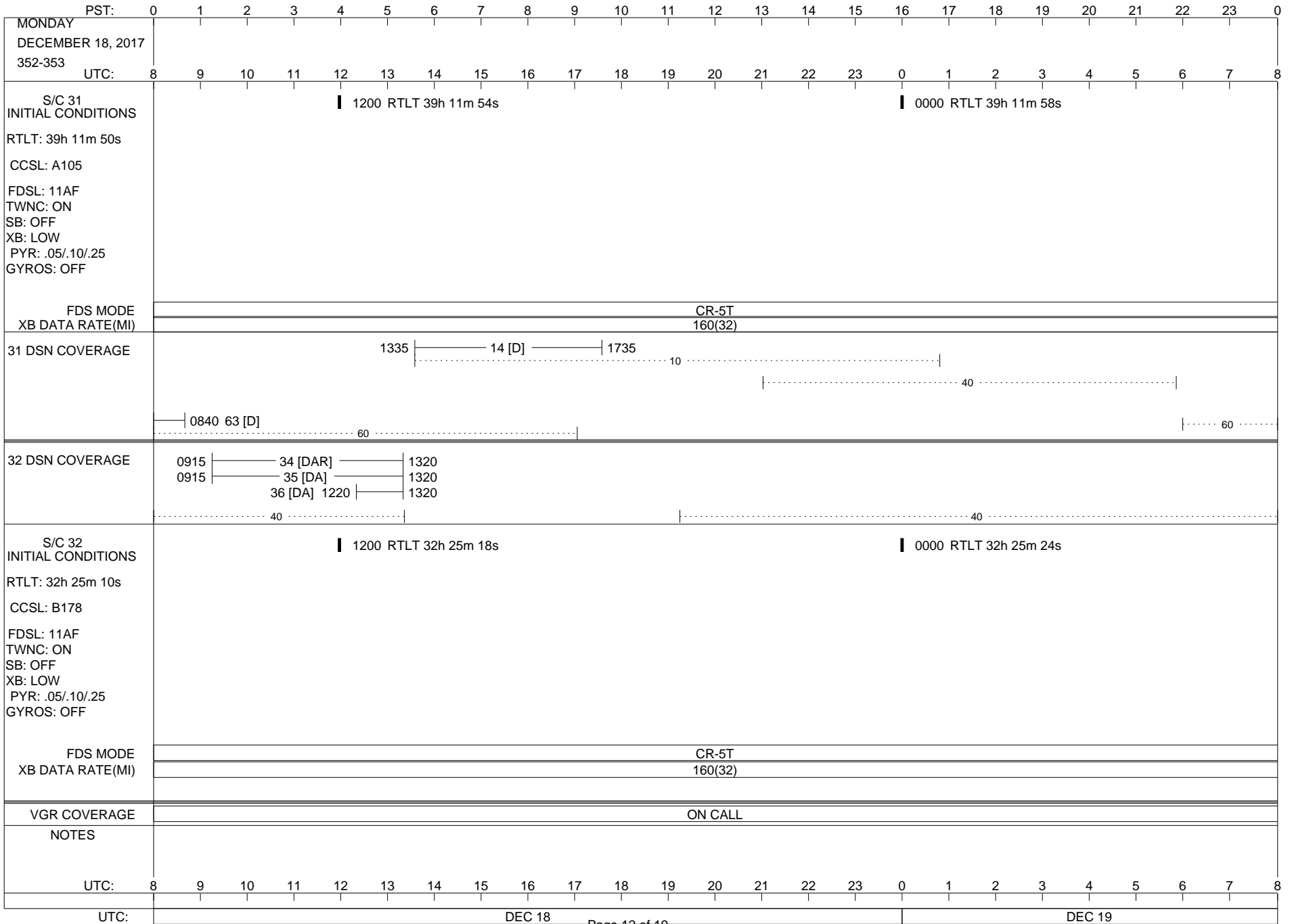
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S/C 31 INITIAL CONDITIONS		1200 RTLT 39h 11m 32s												0000 RTLT 39h 11m 36s											
RTLT: 39h 11m 28s		1601 ----- FULMRO ----- 2244																							
CCSL: A105		1615 - AACS - 1758																							
FDSL: 11AF		1759 --- FDS --- 2011																							
TWNC: ON		2011 CCSA 2127																							
SB: OFF		2127 CCSB 2243																							
XB: LOW		----- TLC (SHORT-FORM) -----																							
PYR: .05/.10/.25																									
GYROS: OFF																									
FDS MODE		CR-5T								EL-40								CR-5T							
XB DATA RATE(MI)		160(32)								40(30)								160(32)							
31 DSN COVERAGE		1500 14 [D] 1600																							
		1600 ----- 24 [DA] ----- 2330																							
		2230 ----- 2330 25 [DAR] -----																							
		----- 10 -----																							
		----- 60 -----																							
		----- 40 -----																							
		----- 60 -----																							
		----- 63 [D] -----																							
		----- 60 -----																							
32 DSN COVERAGE		----- 34 [DA] ----- 1245																							
		----- 35 [DAR] ----- 1245																							
		----- 40 -----																							
		----- 40 -----																							
S/C 32 INITIAL CONDITIONS		1200 RTLT 32h 24m 34s												0000 RTLT 32h 24m 42s											
RTLT: 32h 24m 26s																									
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								VGR								ON CALL							
NOTES		[1] S/C 31=EL-40 @ 2129 XB=40(30)																							
		[2] S/C 31=CR-5T @ 2244 XB=160(32)																							
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ISSUE DATE: 12/06/17 09:35



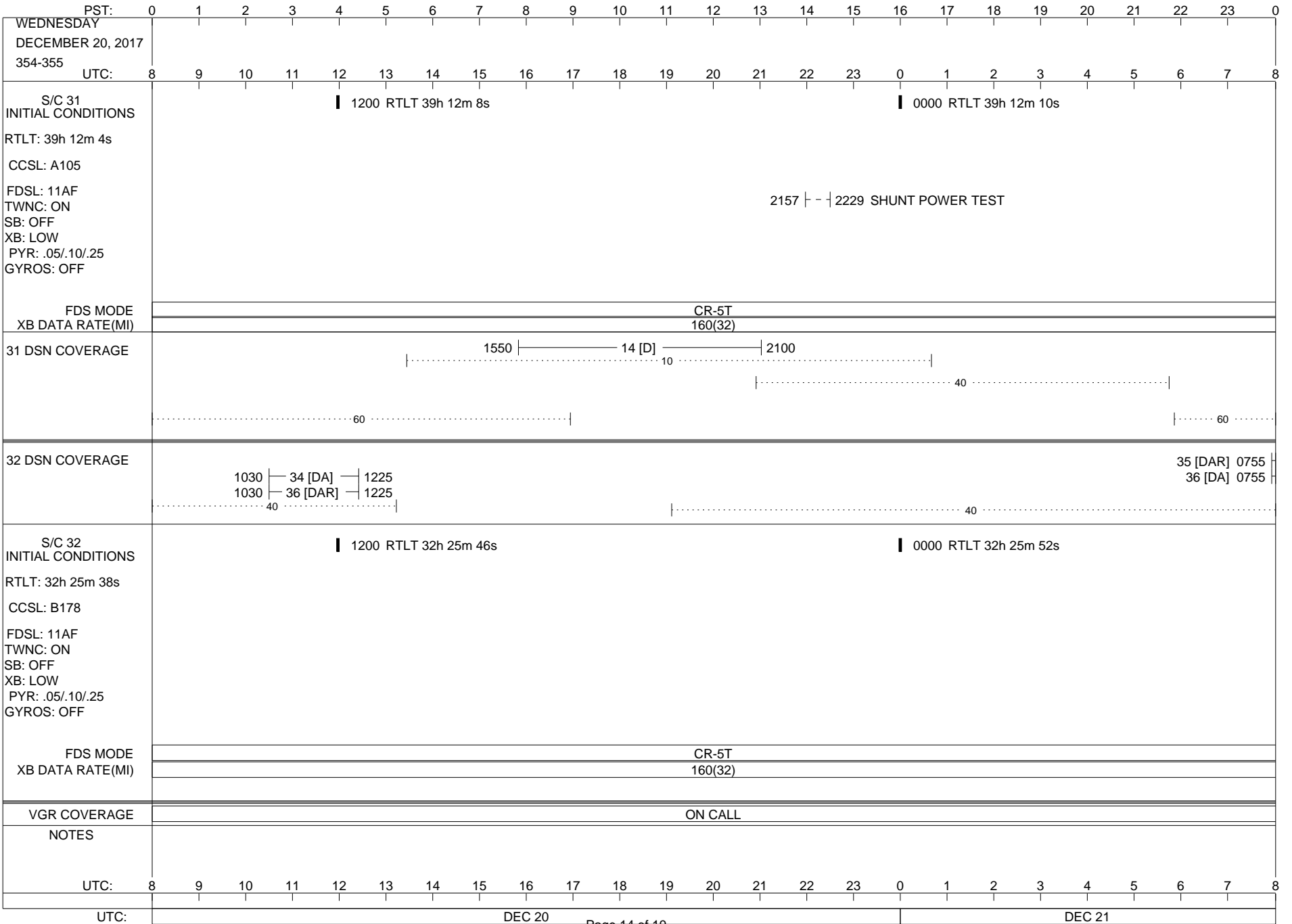
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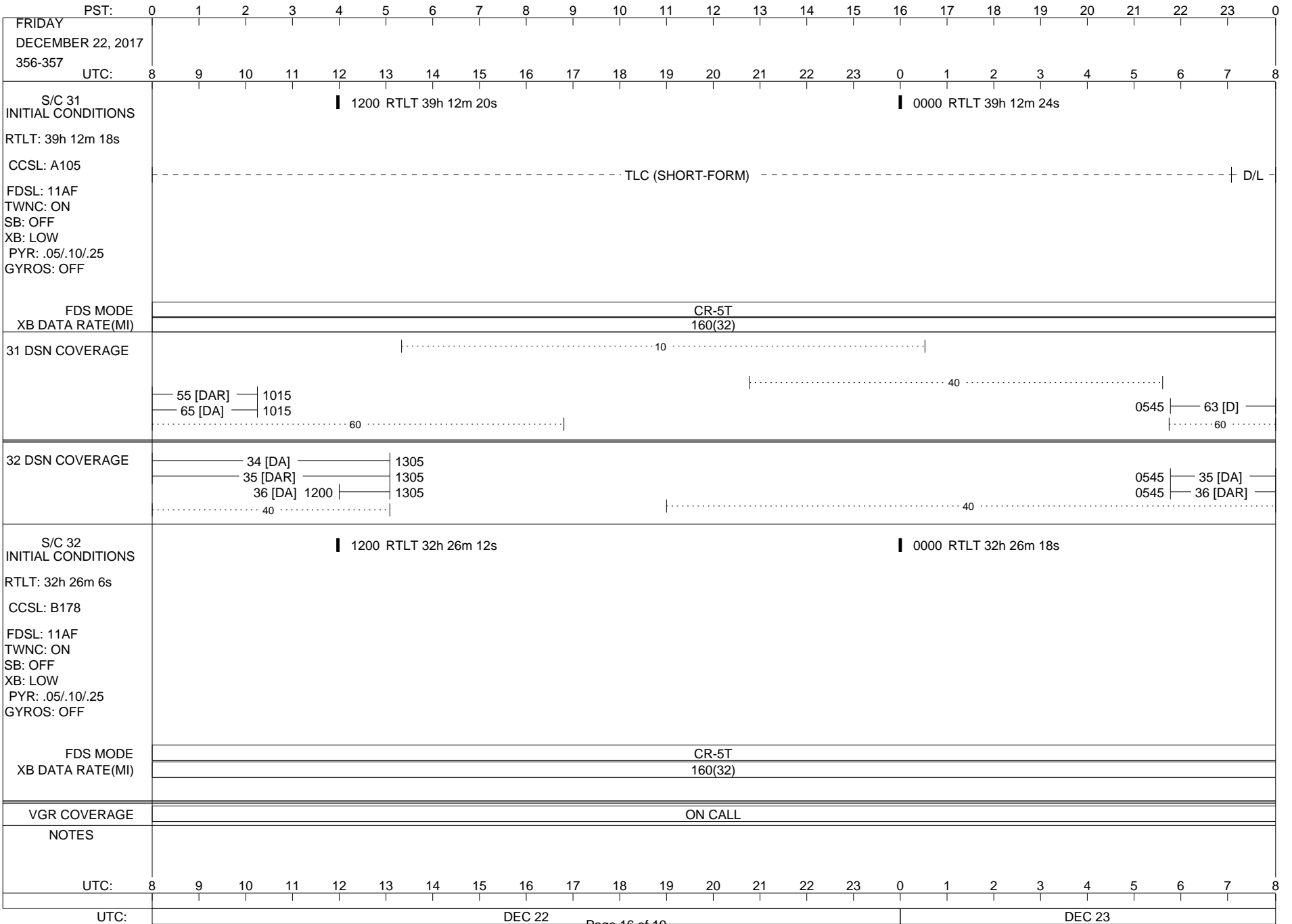
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UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8																									
S/C 31 INITIAL CONDITIONS RTLTL: 39h 11m 58s CCSL: A105 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLTL 39h 12m 0s												0000 RTLTL 39h 12m 4s											
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)												CR-5T 160(32)											
31 DSN COVERAGE		<p>0930 55 [DAR] 1330 0930 54 [DA] 1330</p> <p>60 40 60</p>																							
32 DSN COVERAGE		<p>34 [DA] 0810 - 1315 35 [DAR] 0810 - 1315 36 [DA] 1215 1315</p> <p>2345 - 0725 34 [o] </p> <p>40 40</p>																							
S/C 32 INITIAL CONDITIONS RTLTL: 32h 25m 24s CCSL: B178 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLTL 32h 25m 32s												0000 RTLTL 32h 25m 38s											
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)												EL-40 40(30)						CR-5T 160(32)					
VGR COVERAGE		ON CALL												VGR											
NOTES		<p>[1] S/C 31=GS-4B @ 2330 XB=2.8K(41) NOT RECOVERABLE</p> <p>[2] S/C 32=EL-40 @ 0515 XB=40(30)</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: DEC 19		Page 13 of 19												DEC 20											

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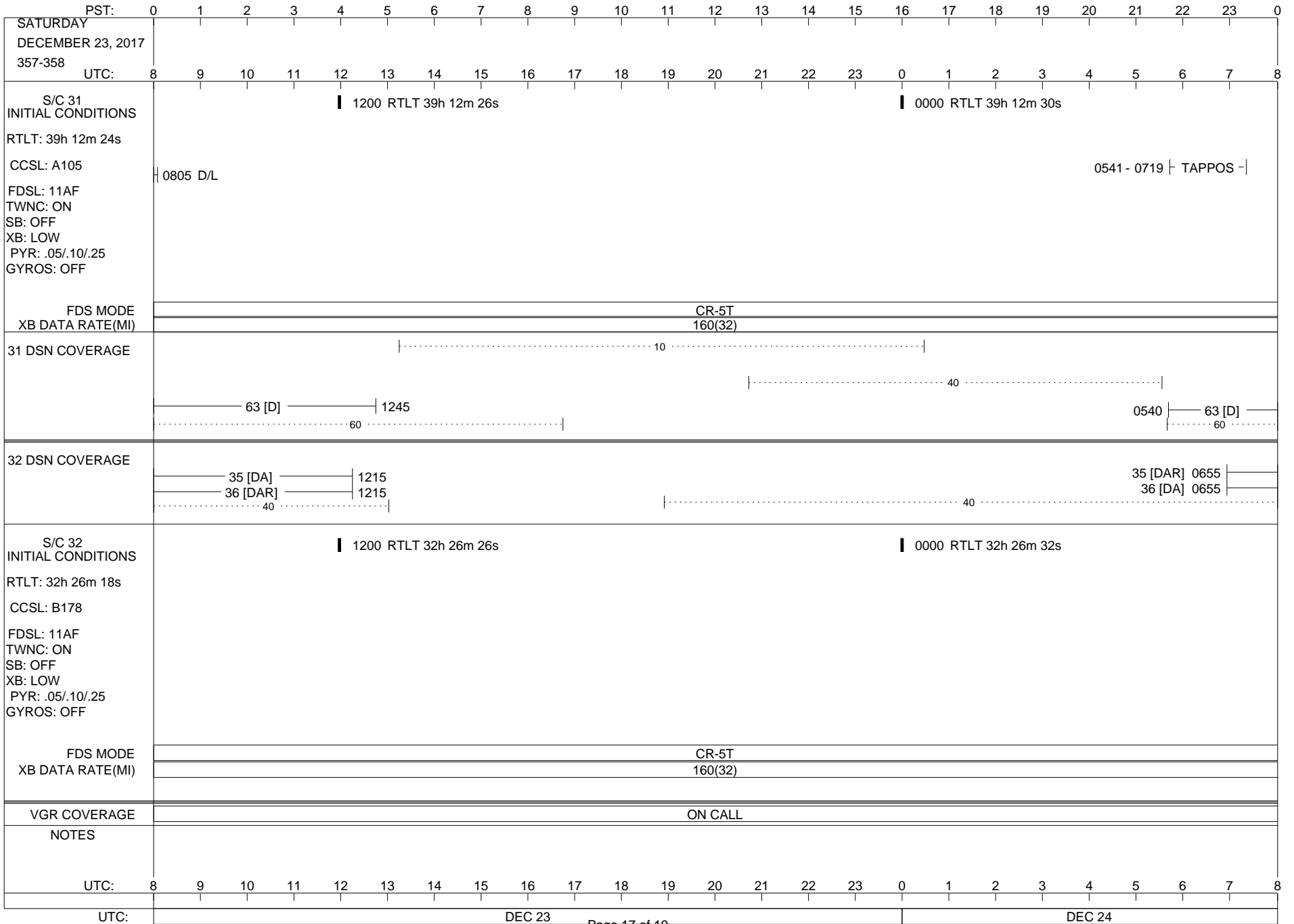


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S/C 31 INITIAL CONDITIONS RTLTL: 39h 12m 10s CCSL: A105 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 39h 12m 14s														0000 RTLTL 39h 12m 18s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)														CR-5T 160(32)													
31 DSN COVERAGE	1340 ----- 14 [T] ----- 1725														2100 24 [DA] 2245 2100 25 [DAR] 2245 10 60 40													
32 DSN COVERAGE	35 [DAR] ----- 1305 36 [DA] ----- 1305 34 [DA] 1200 ----- 1305 40														0550 - 0745 ----- 63 [D] ----- 55 [DAR] 0745 ----- 65 [DA] 0745 ----- 60													
S/C 32 INITIAL CONDITIONS RTLTL: 32h 25m 52s CCSL: B178 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 32h 25m 58s														0000 RTLTL 32h 26m 6s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																											
VGR COVERAGE	ON CALL							VGR							ON CALL													
NOTES	[1] S/C 31=GS-4B @ 0543 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			
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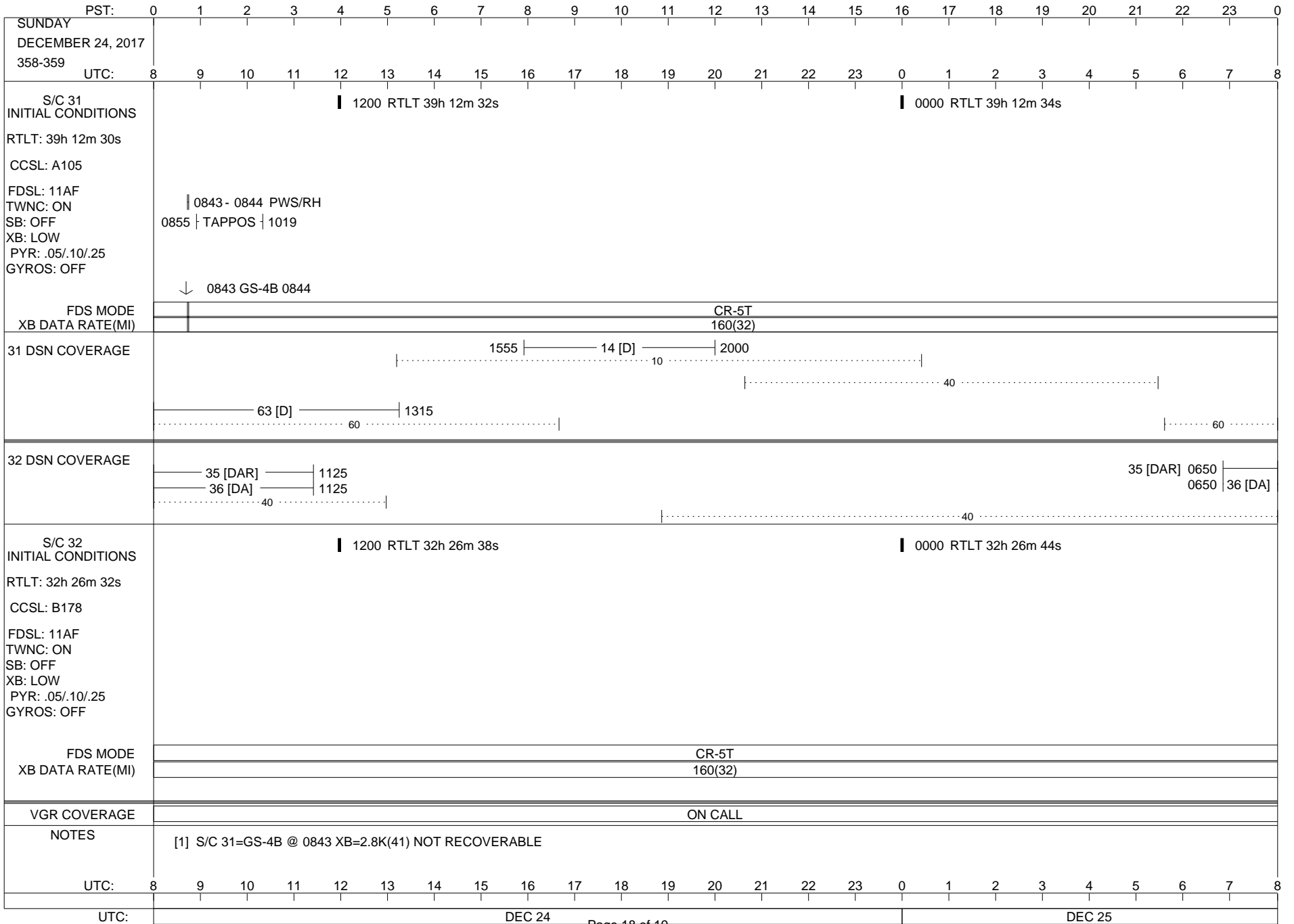
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MONDAY																												
DECEMBER 25, 2017																												
359-360		UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS		█ 1200 RTLT 39h 12m 38s																										
RTLT: 39h 12m 34s																												
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																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS		█ 1200 RTLT 32h 26m 52s																										
RTLT: 32h 26m 44s																												
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		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		
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