

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: December 8, 2020

For the Period: 12/10/20 to 12/28/20 (20/345 – 20/363)



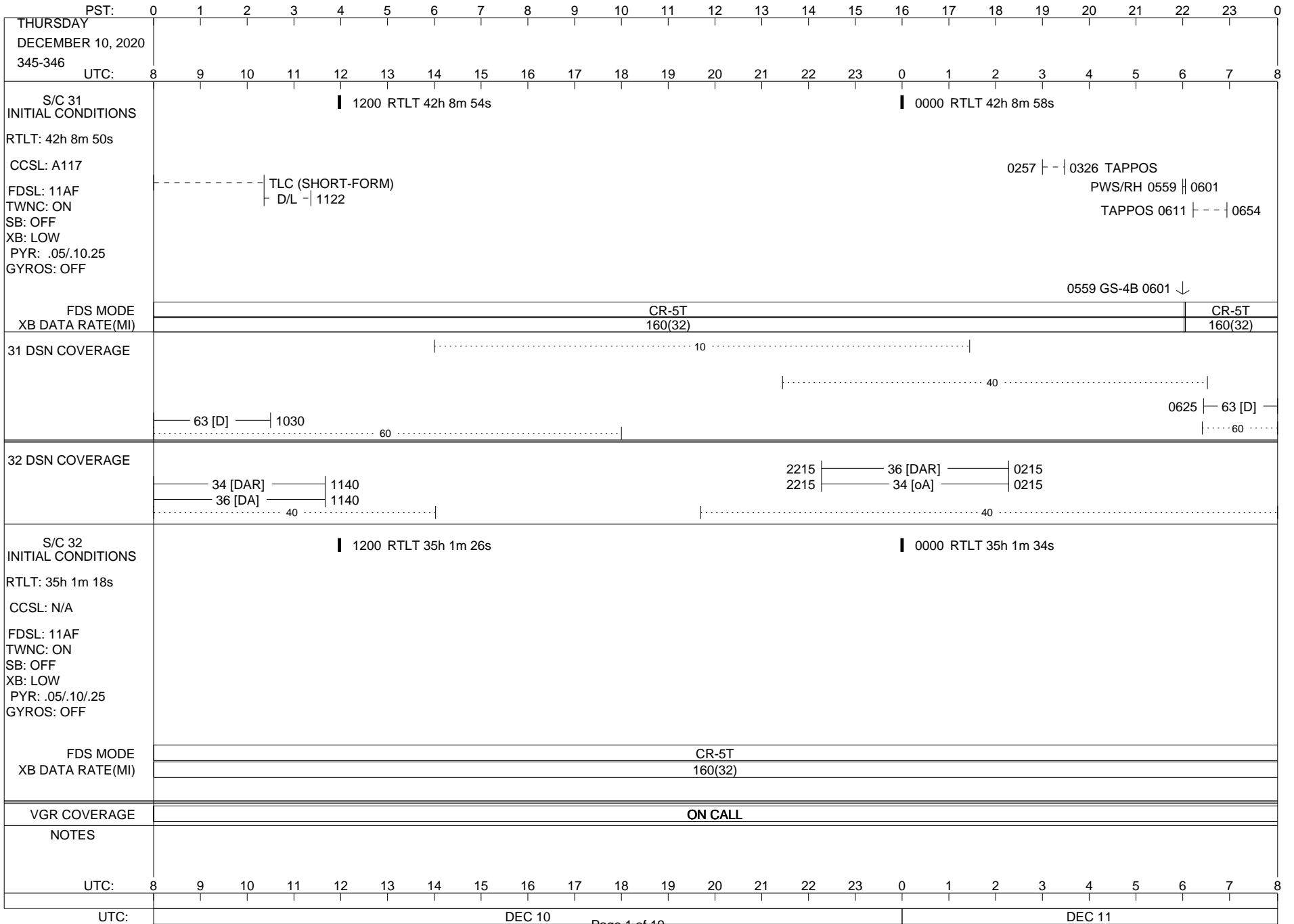
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

**LEGEND:**

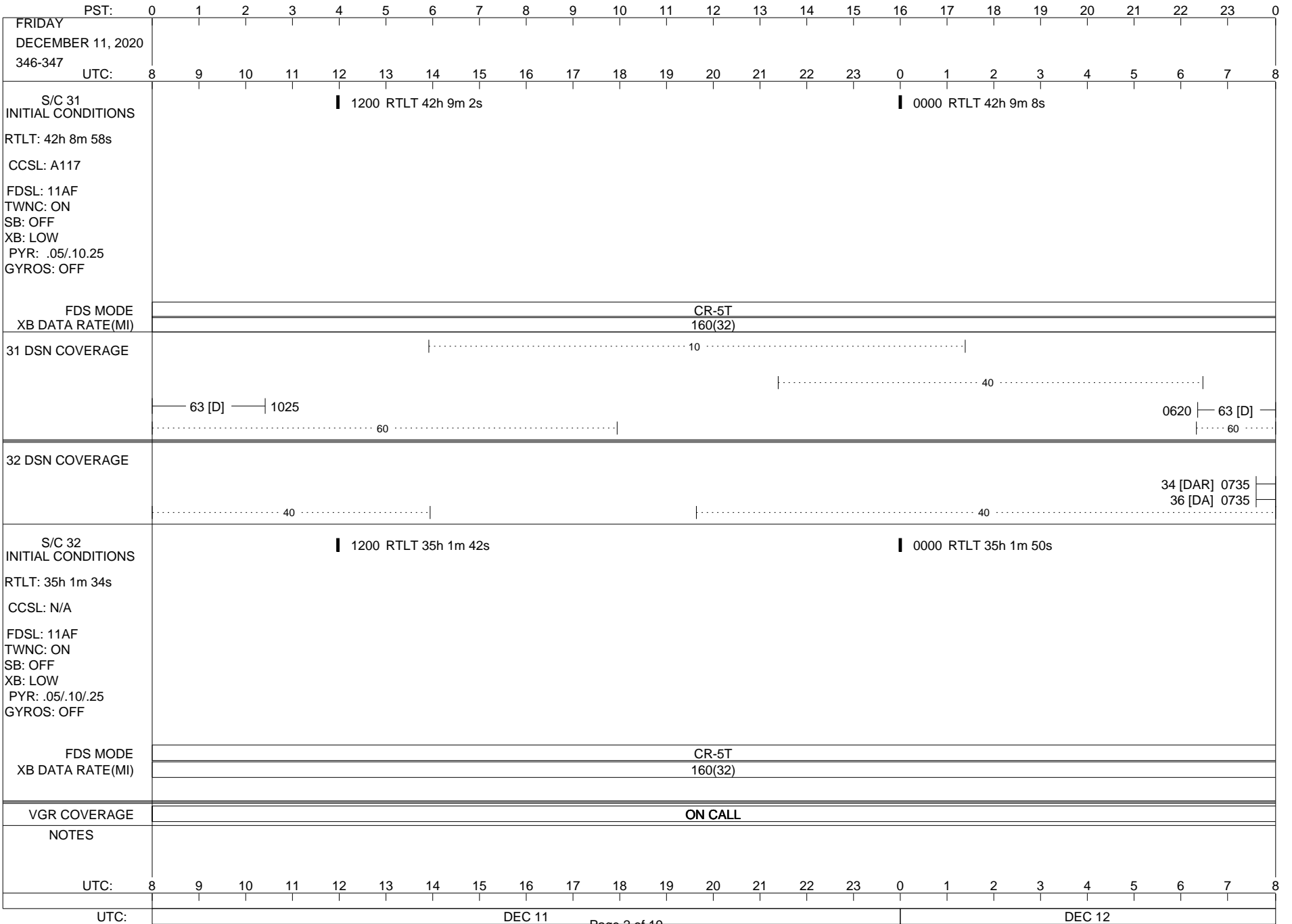
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- \* = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
-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

02/27/19

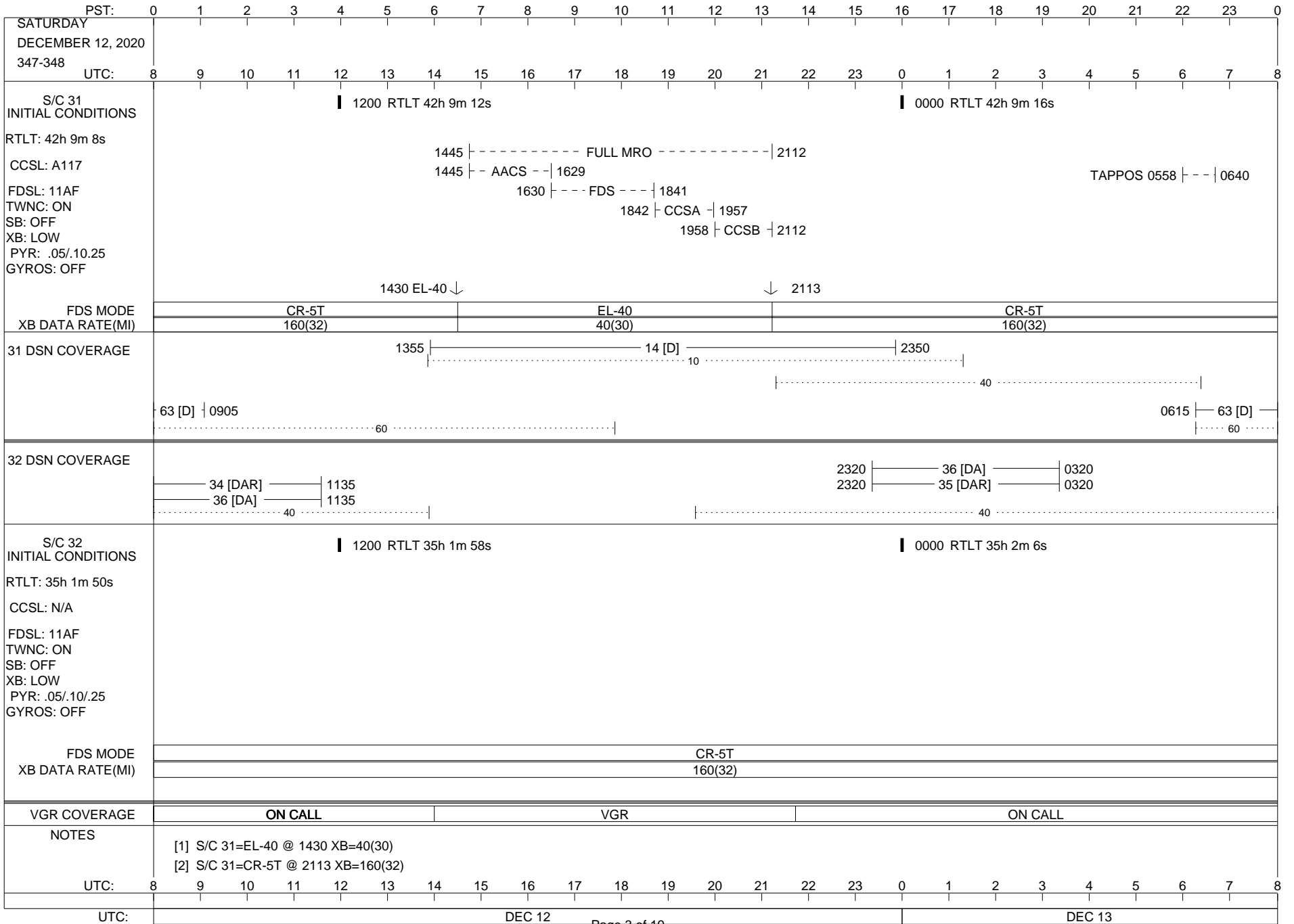
ISSUE DATE: 12/08/20 16:21



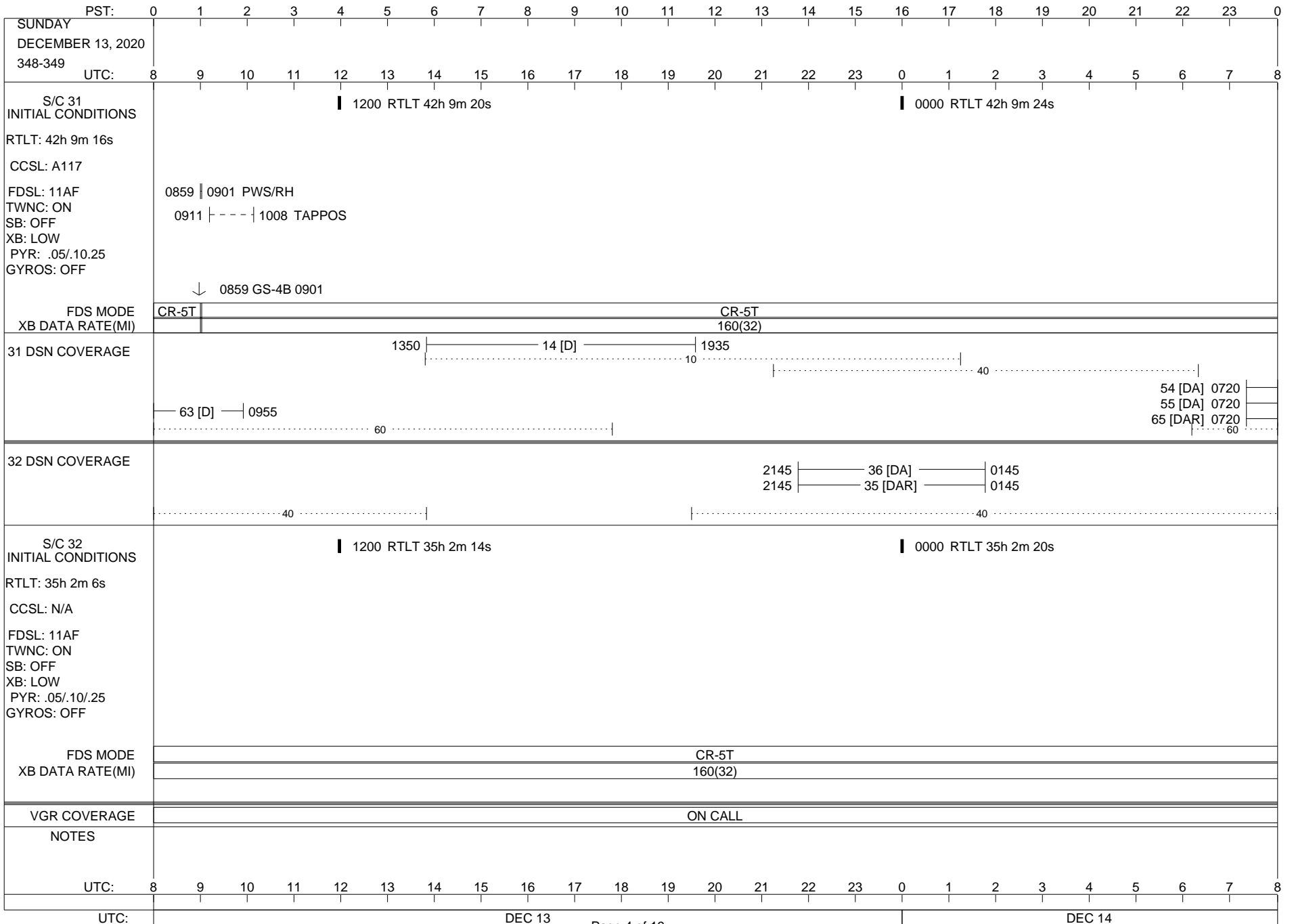
ISSUE DATE: 12/08/20 16:21



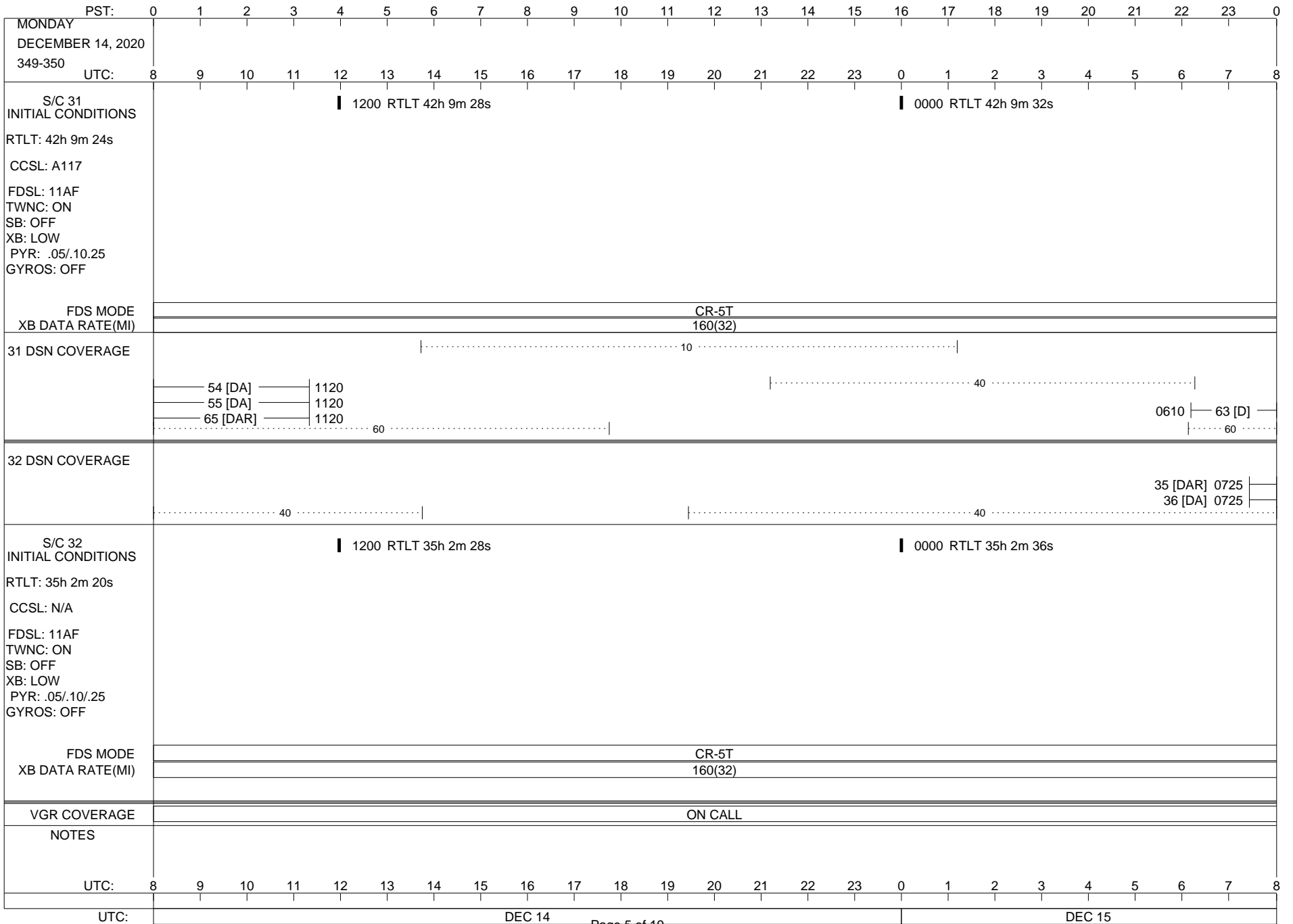
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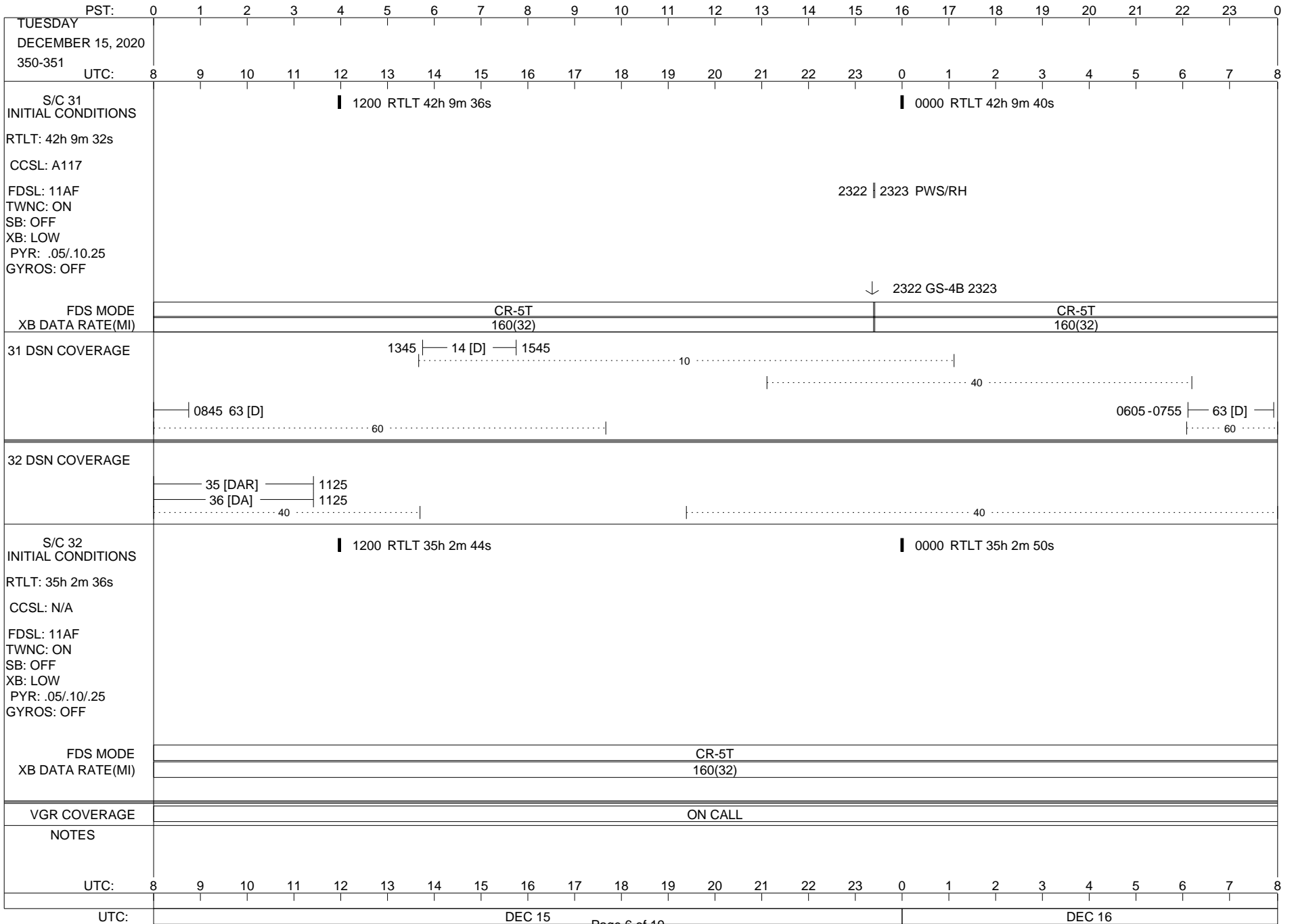
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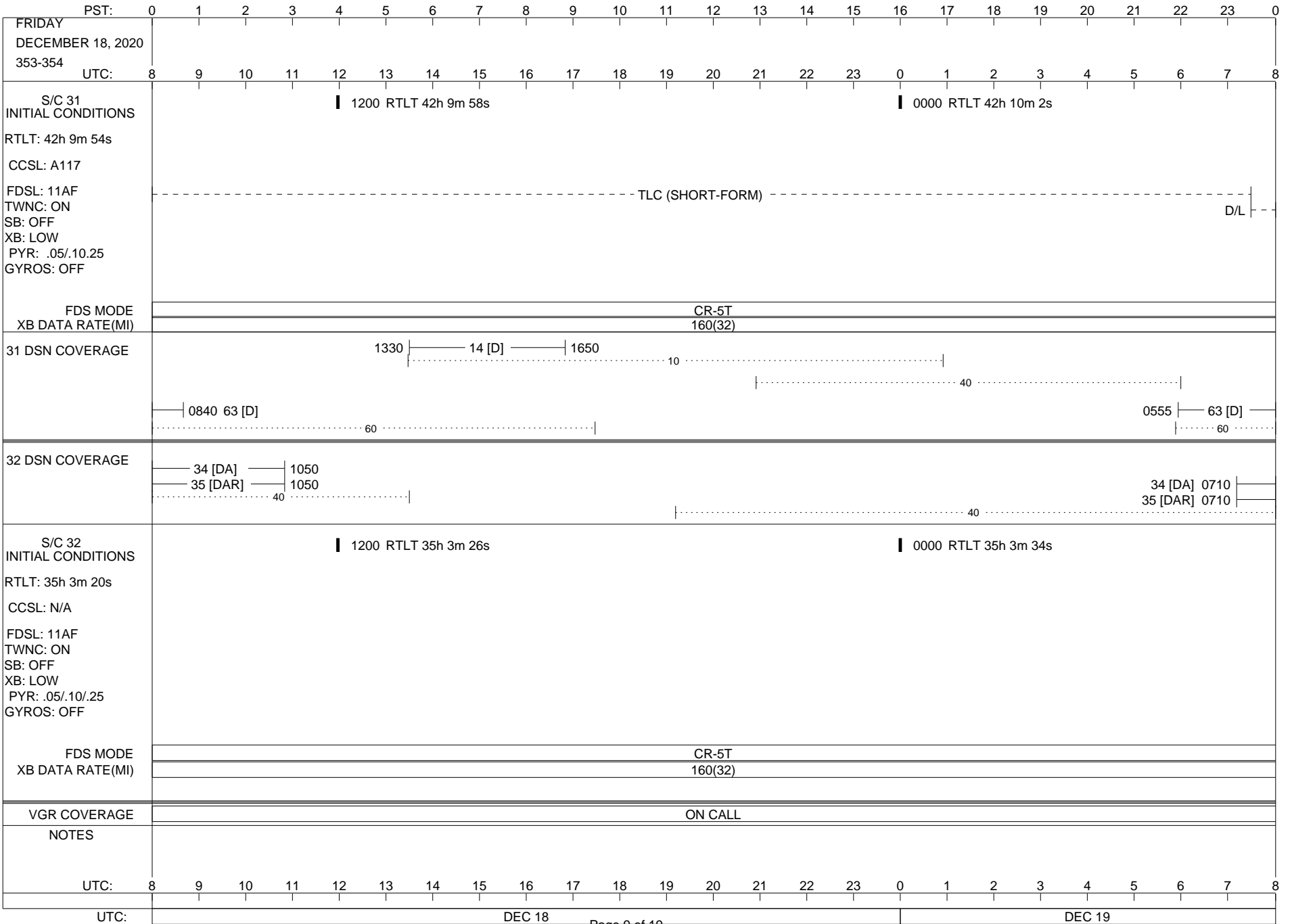
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WEDNESDAY DECEMBER 16, 2020 351-352																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLT: 42h 9m 40s CCSL: A117 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10.25 GYROS: OFF					█ 1200																					
FDS MODE																										
XB DATA RATE(MI)																										
31 DSN COVERAGE																										
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS RTLT: 35h 2m 50s CCSL: N/A 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 16													DEC 17												



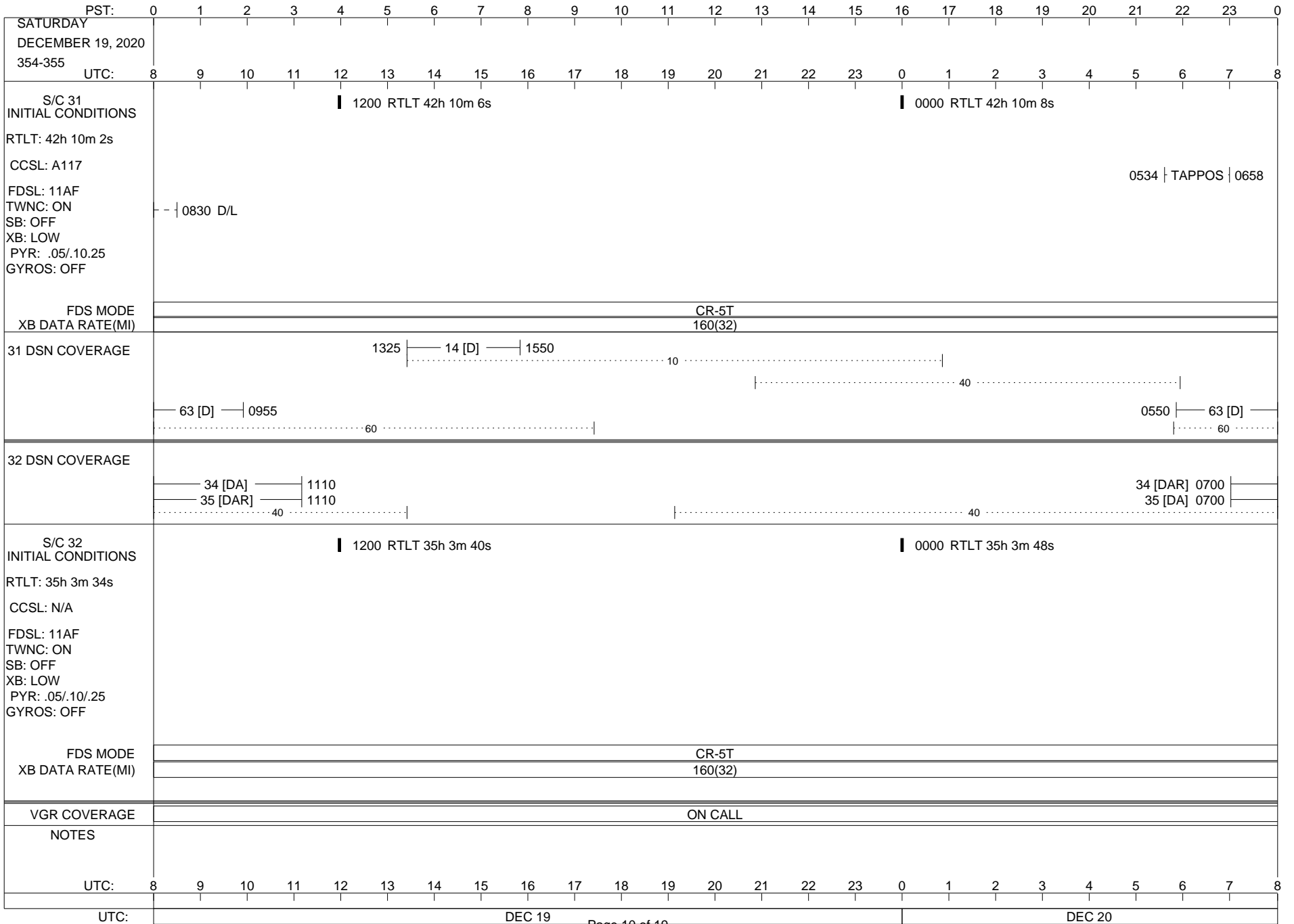
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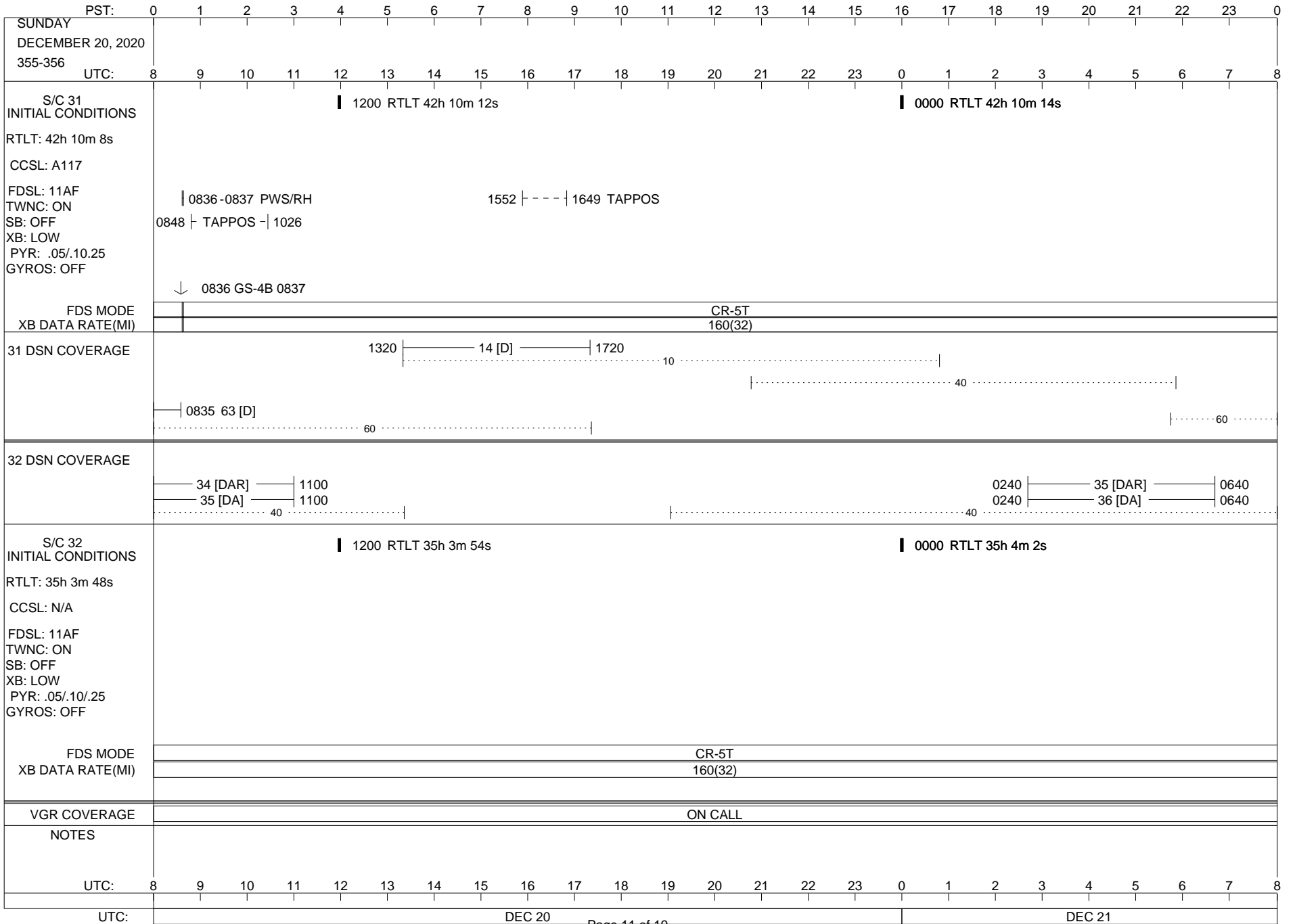
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THURSDAY DECEMBER 17, 2020 352-353	UTC: 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 42h 9m 48s CCSL: A117 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10.25 GYROS: OFF	1200 RTLT 42h 9m 50s												0000 RTLT 42h 9m 54s												
	▼ 1420 CCS DIAG (08:30)																								
	1427     1443 SHUNT POWER TEST																								
	U/L 1445   -												----- TLC (SHORT-FORM) -----												
													0234   - - - -   0344 TAPPOS												
													0535   0537 PWS/RH												
													0547 -0712   TAPPOS												
													0535 GS-4B 0537 ↓												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1350   - 14 [T] -   1545												..... 10 .....												
													..... 40 .....												
	..... 60 .....												0555   - 63 [D] -												
													..... 60 .....												
32 DSN COVERAGE	34 [DA]   1115												34 [DA] 0650												
	35 [DAR]   1115												35 [DAR] 0650												
	..... 40 .....												..... 40 .....												
S/C 32 INITIAL CONDITIONS RTLT: 35h 3m 6s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10.25 GYROS: OFF	1200 RTLT 35h 3m 12s												0000 RTLT 35h 3m 20s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												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:	DEC 17												DEC 18												

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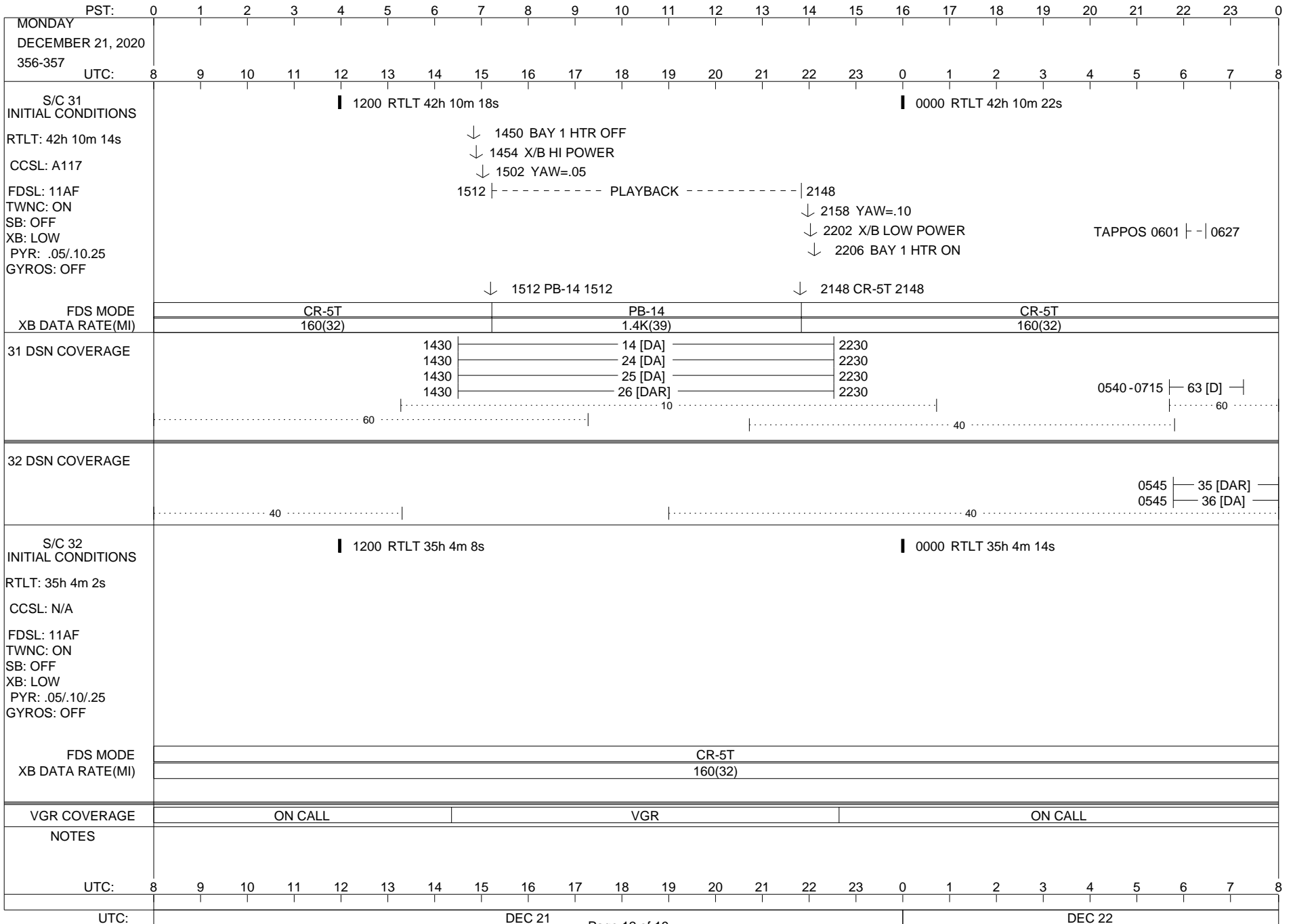


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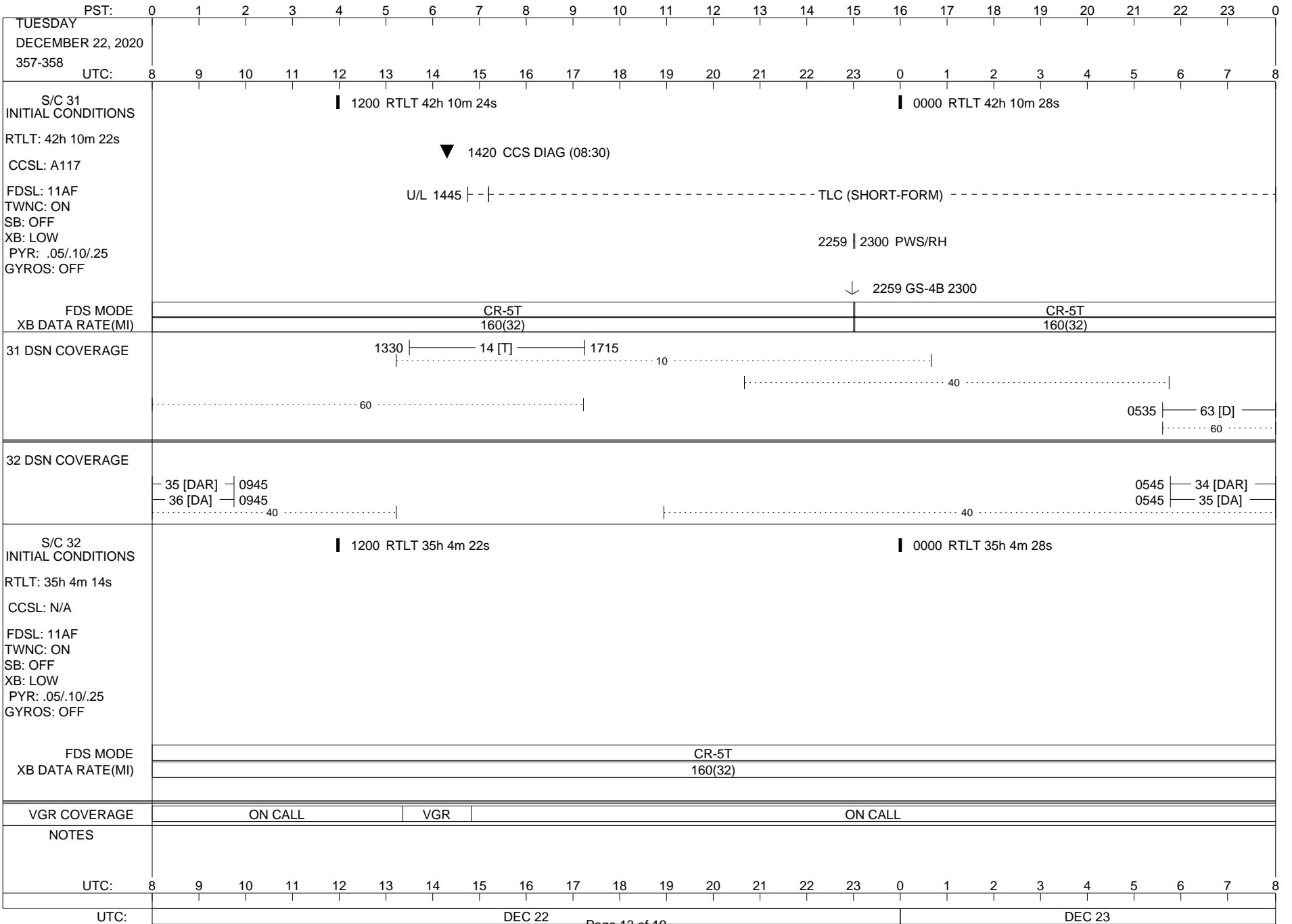




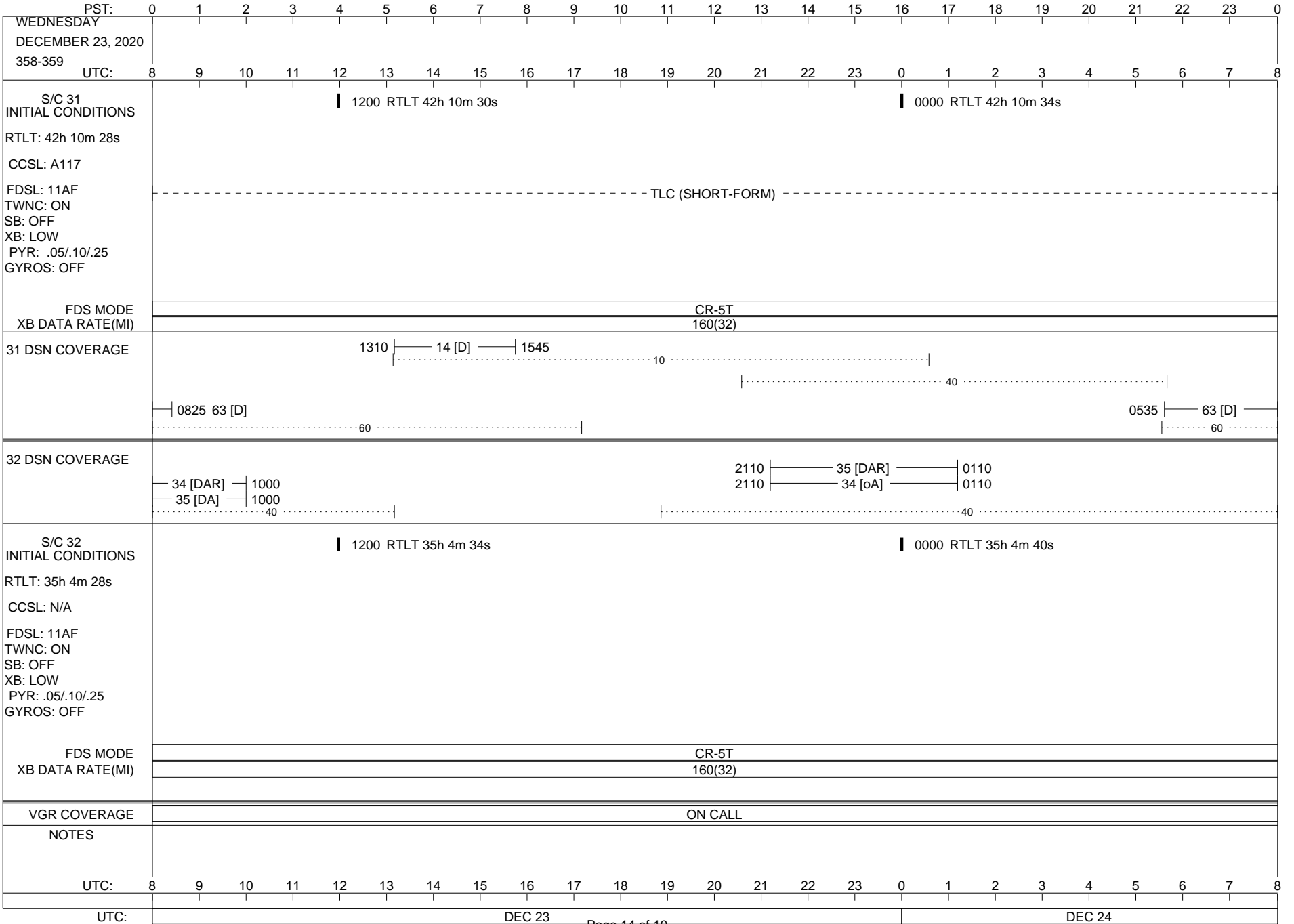
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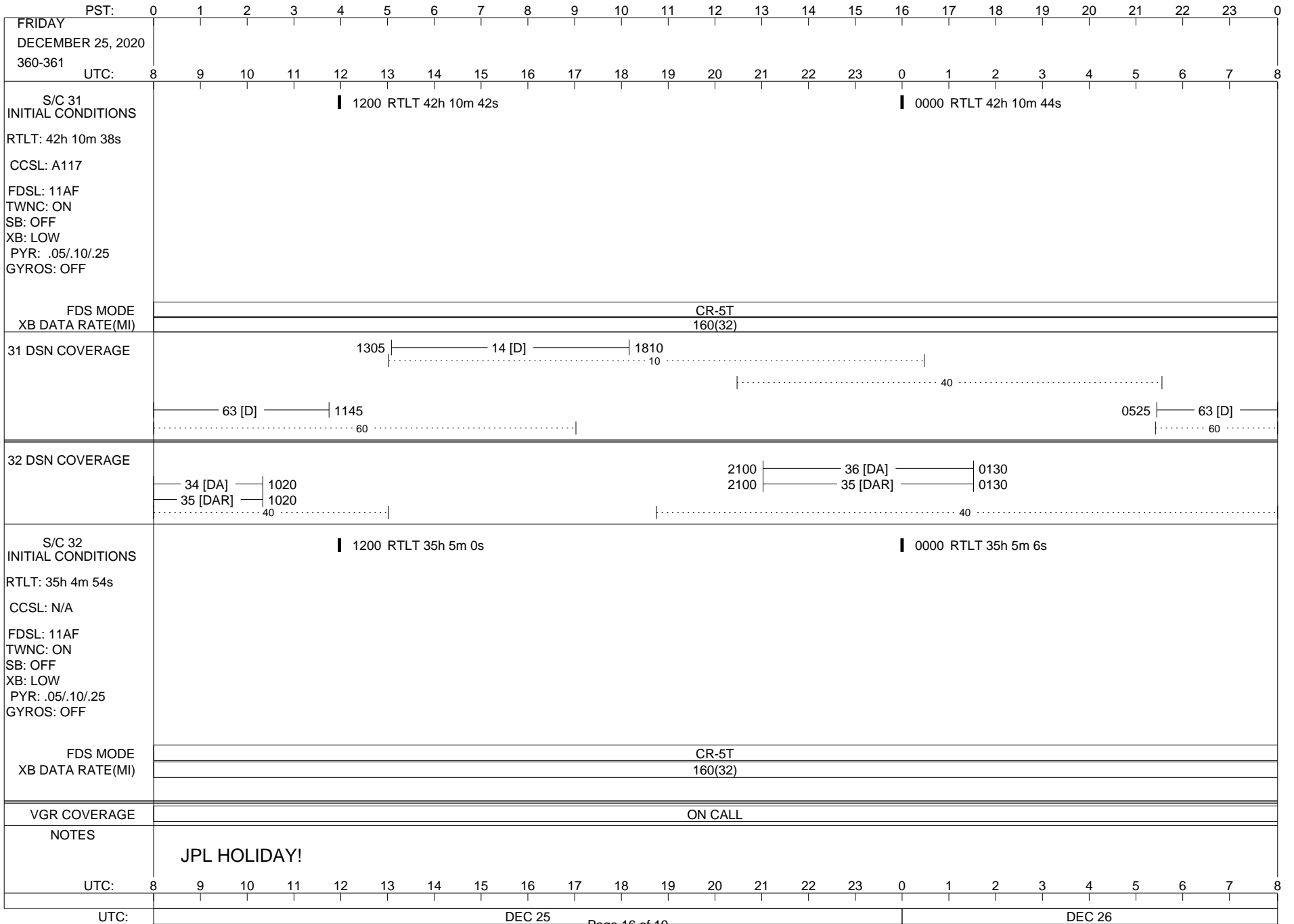
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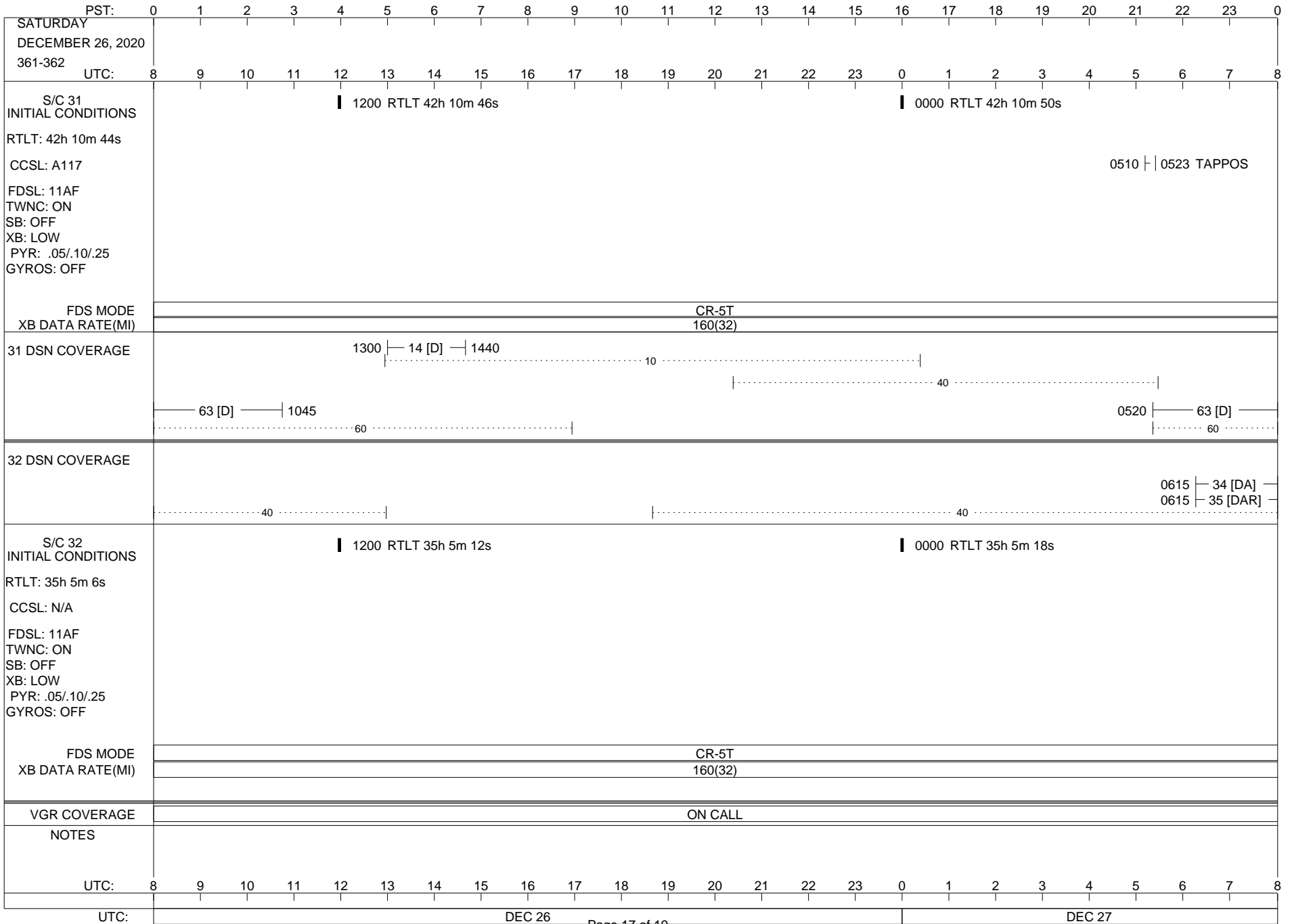
ISSUE DATE: 12/08/20 16:21

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THURSDAY DECEMBER 24, 2020 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 RTLT: 42h 10m 34s CCSL: A117 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 42h 10m 36s</p> <p>0000 RTLT 42h 10m 38s</p> <p>0210   - TAPPOS -   0402</p> <p>0512   0513 PWS/RH</p> <p>0524-0730   - TAPPOS - -  </p> <p>0512 GS-4B 0513</p>
FDS MODE XB DATA RATE(MI)	<p>CR-5T 160(32)</p> <p>CR-5T 160(32)</p>
31 DSN COVERAGE	<p>1305  ----- 14 [D] -----  1705</p> <p>63 [D]  ----- 1045</p> <p>0530  ----- 63 [D] -----</p>
32 DSN COVERAGE	<p>0620  ----- 34 [DA] -----</p> <p>0620  ----- 35 [DAR] -----</p>
S/C 32 INITIAL CONDITIONS RTLT: 35h 4m 40s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 35h 4m 48s</p> <p>0000 RTLT 35h 4m 54s</p>
FDS MODE XB DATA RATE(MI)	<p>CR-5T 160(32)</p>
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: DEC 24 DEC 25	

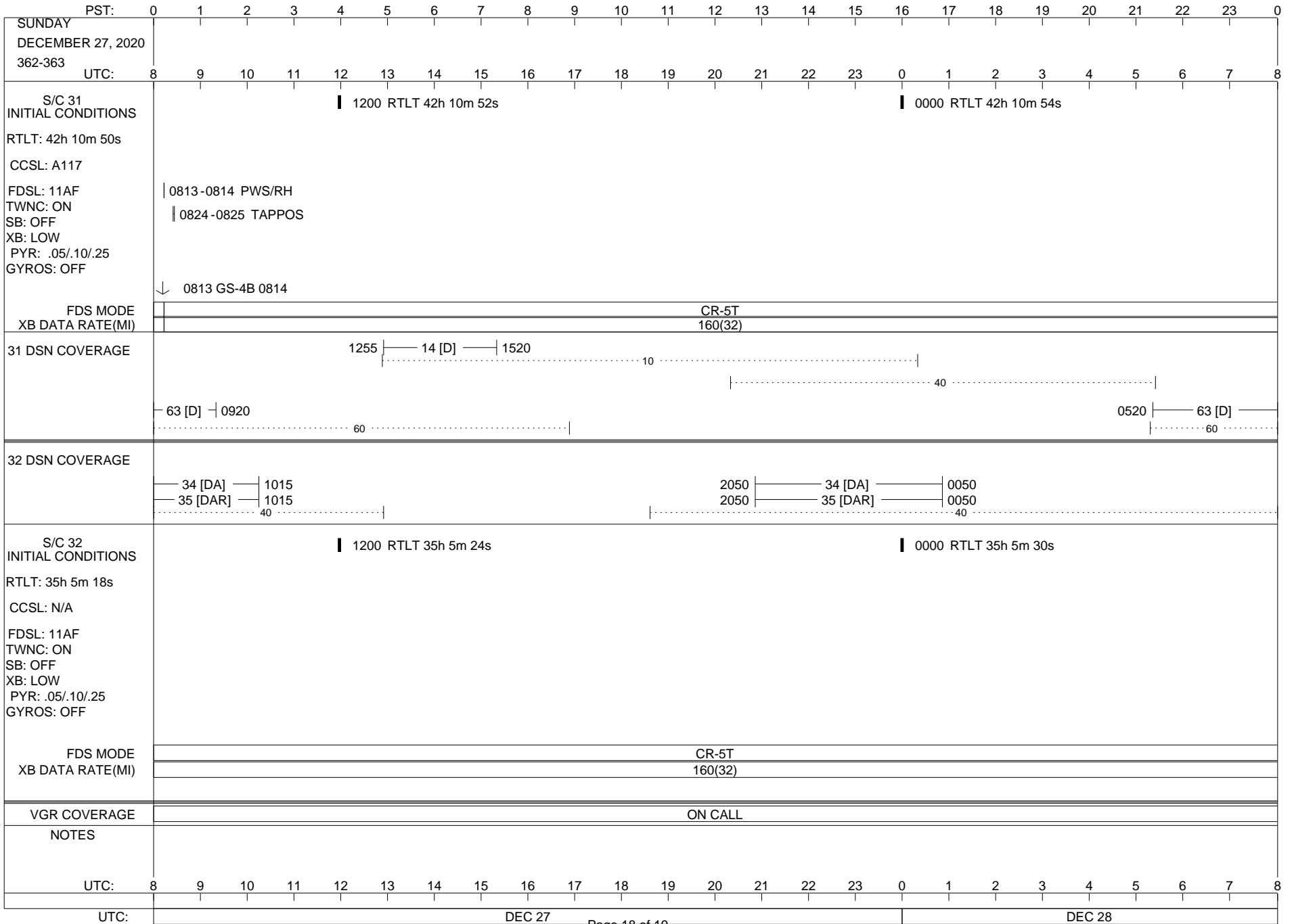




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PST:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
MONDAY DECEMBER 28, 2020 363-364	UTC: 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 42h 10m 54s CCSL: A117 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 42h 10m 56s</p> </div>																								
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	<div style="text-align: center;"> <p>1250  ----- 14 [D] -----  1650</p> <p>63 [D]   0915</p> <p>60</p> </div>																								
32 DSN COVERAGE	<div style="text-align: center;"> <p>40</p> </div>																								
S/C 32 INITIAL CONDITIONS RTLT: 35h 5m 30s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 35h 5m 36s</p> </div>																								
FDS MODE XB DATA RATE(MI)													CR-5T 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:	DEC 28												DEC 29												