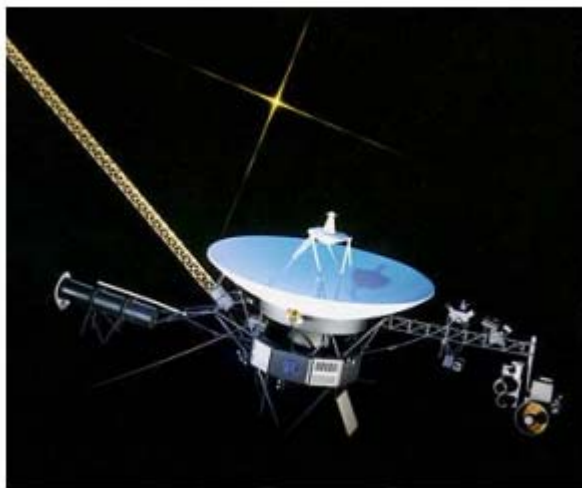


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: December 12, 2024

For the Period: 12/12/24 to 12/30/24 (24/347 – 24/365)



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

ISSUE DATE: 12/12/24 06:45

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

THURSDAY
DECEMBER 12, 2024
347-348
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

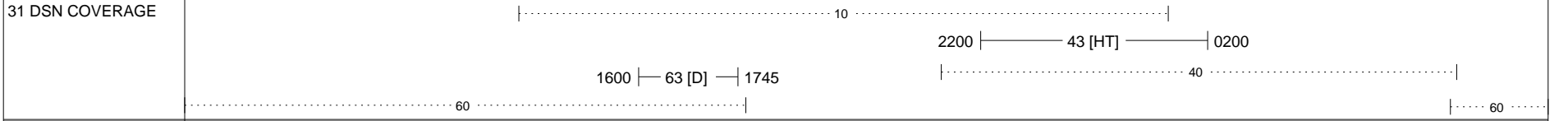
S/C 31
INITIAL CONDITIONS
RTLTL: 46h 6m 6s
CCSL: NONE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .10/.40/.95
GYROS: OFF

1200 RTLTL 46h 6m 10s
0000 RTLTL 46h 6m 14s

2320 YAW SSB (21:26)

U/L 2345 | - | - - - - - TLC (SHORT-FORM) - - - - -

FDS MODE CR-5T
XB DATA RATE(MI) 160(32)



S/C 32
INITIAL CONDITIONS
RTLTL: 38h 32m 36s
CCSL: B206
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .10/.30/.95
GYROS: OFF

1200 RTLTL 38h 32m 44s
0000 RTLTL 38h 32m 52s

DUMMY (5 MIN BRACKETED 22:10) 0737

FDS MODE CR-5T
XB DATA RATE(MI) 160(32)

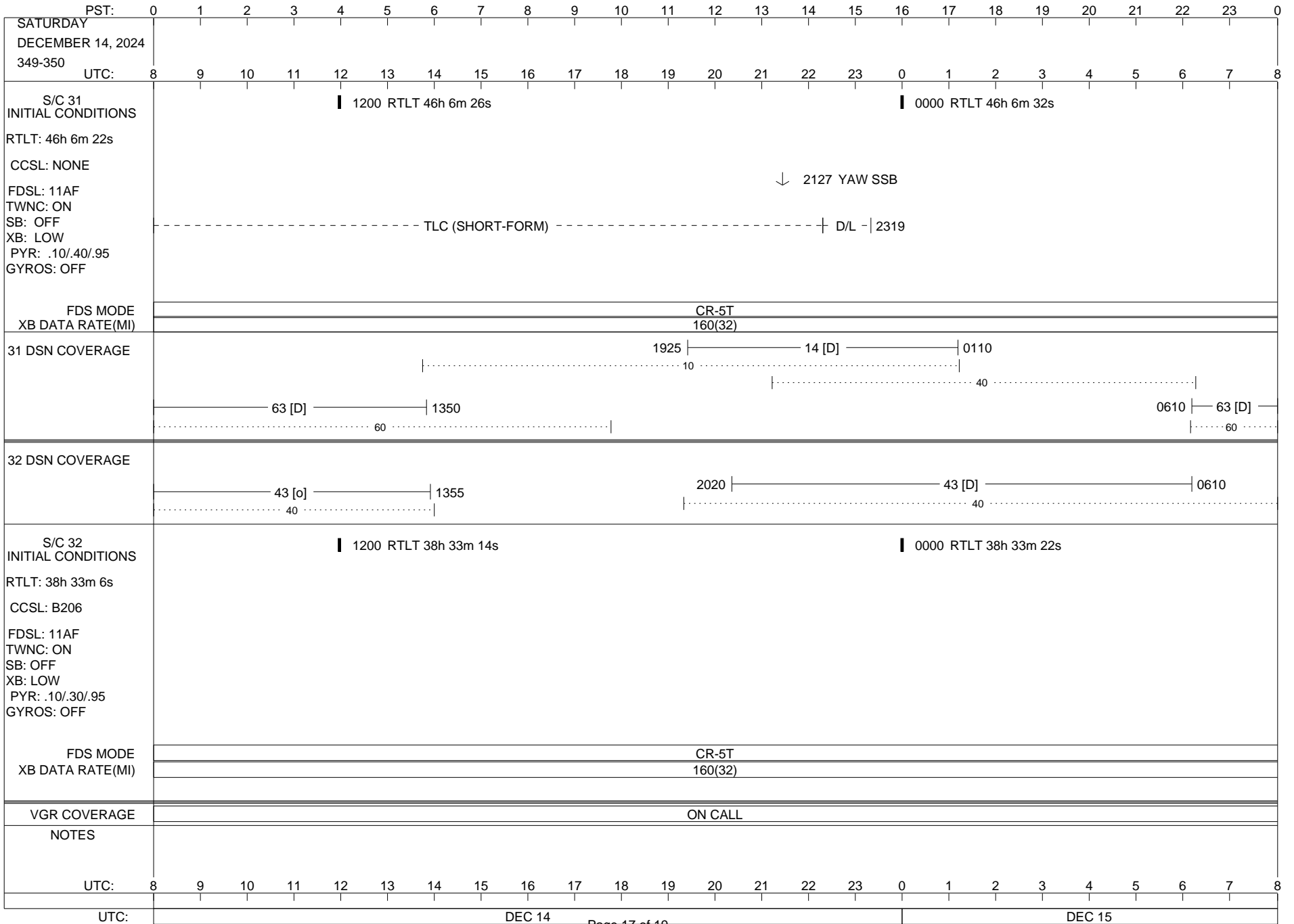
VGR COVERAGE ON CALL VGR ON CALL VGR

NOTES

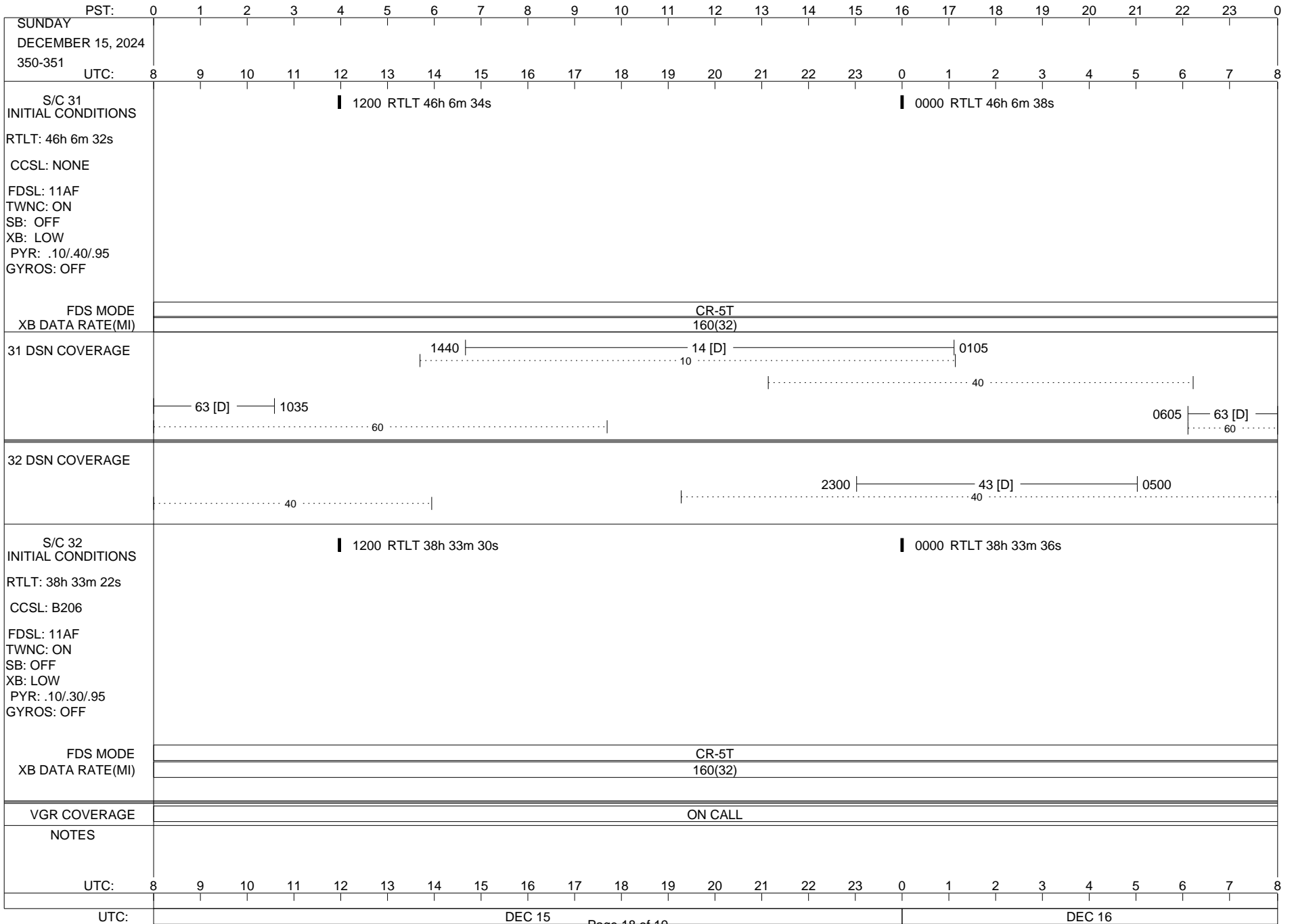
UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 12/12/24 06:45

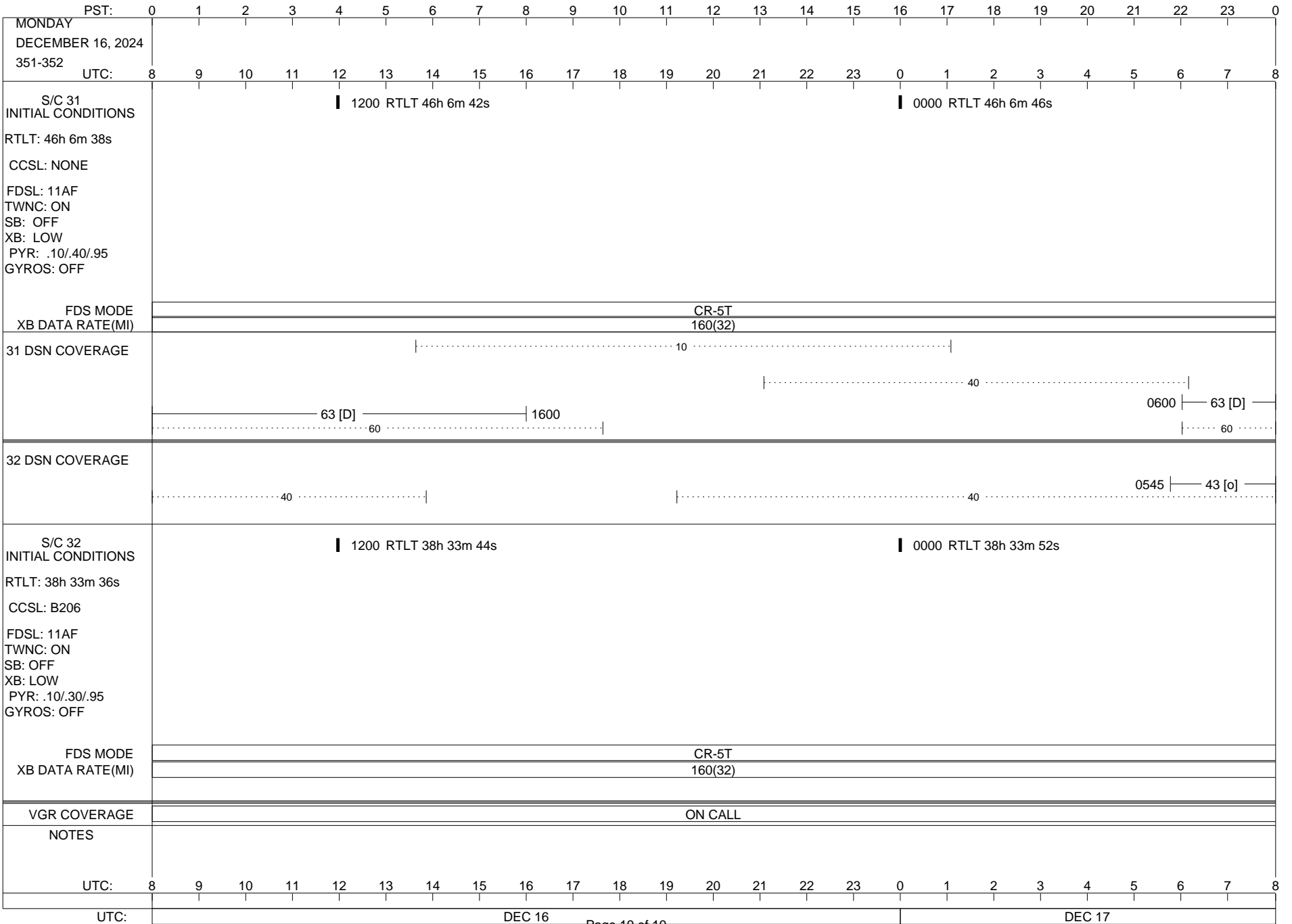
PST: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0	
FRIDAY DECEMBER 13, 2024 348-349	
UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8	
S/C 31 INITIAL CONDITIONS RTLT: 46h 6m 14s CCSL: NONE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.40/.95 GYROS: OFF	<p>1200 RTLT 46h 6m 18s</p> <p>0000 RTLT 46h 6m 22s</p> <p>----- TLC (SHORT-FORM) -----</p>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
31 DSN COVERAGE	<p>2330 14 [D] 0115</p> <p>..... 10 40</p> <p>1255 63 [D] 1725</p> <p>..... 60 0615 63 [D] </p> <p>..... 60</p>
32 DSN COVERAGE	<p>43 [H1B] 1235</p> <p>..... 40</p> <p>0240 43 [D] 0645</p> <p>..... 40 43 [o] 0750 </p>
S/C 32 INITIAL CONDITIONS RTLT: 38h 32m 52s CCSL: B206 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.30/.95 GYROS: OFF	<p>1200 RTLT 38h 33m 0s</p> <p>0000 RTLT 38h 33m 6s</p>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
VGR COVERAGE	VGR ON CALL
NOTES	[1] DSS-43 HP TXR DRV OFF <= 12:50
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 13 Page 16 of 19 DEC 14



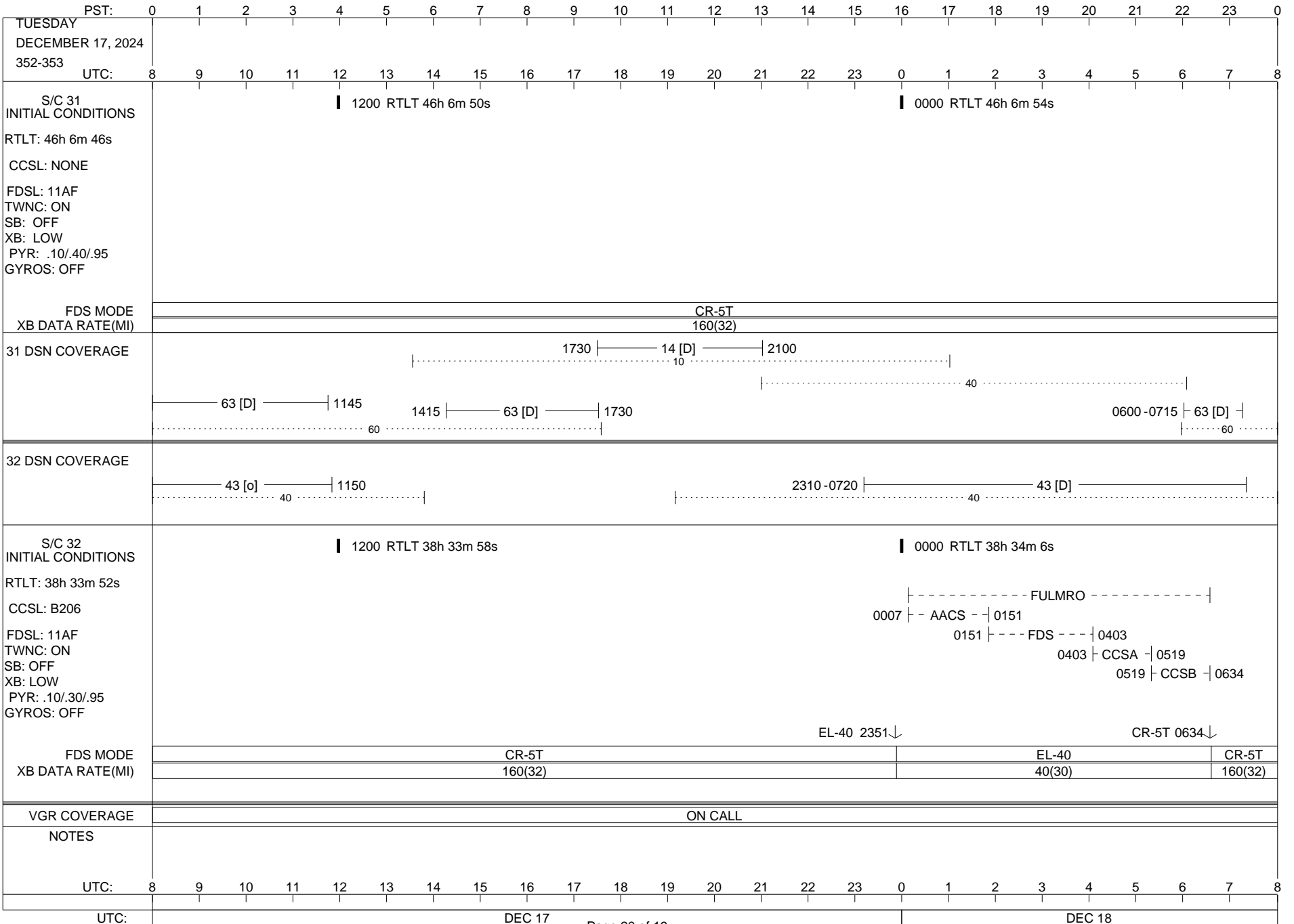
ISSUE DATE: 12/12/24 06:45



ISSUE DATE: 12/12/24 06:45



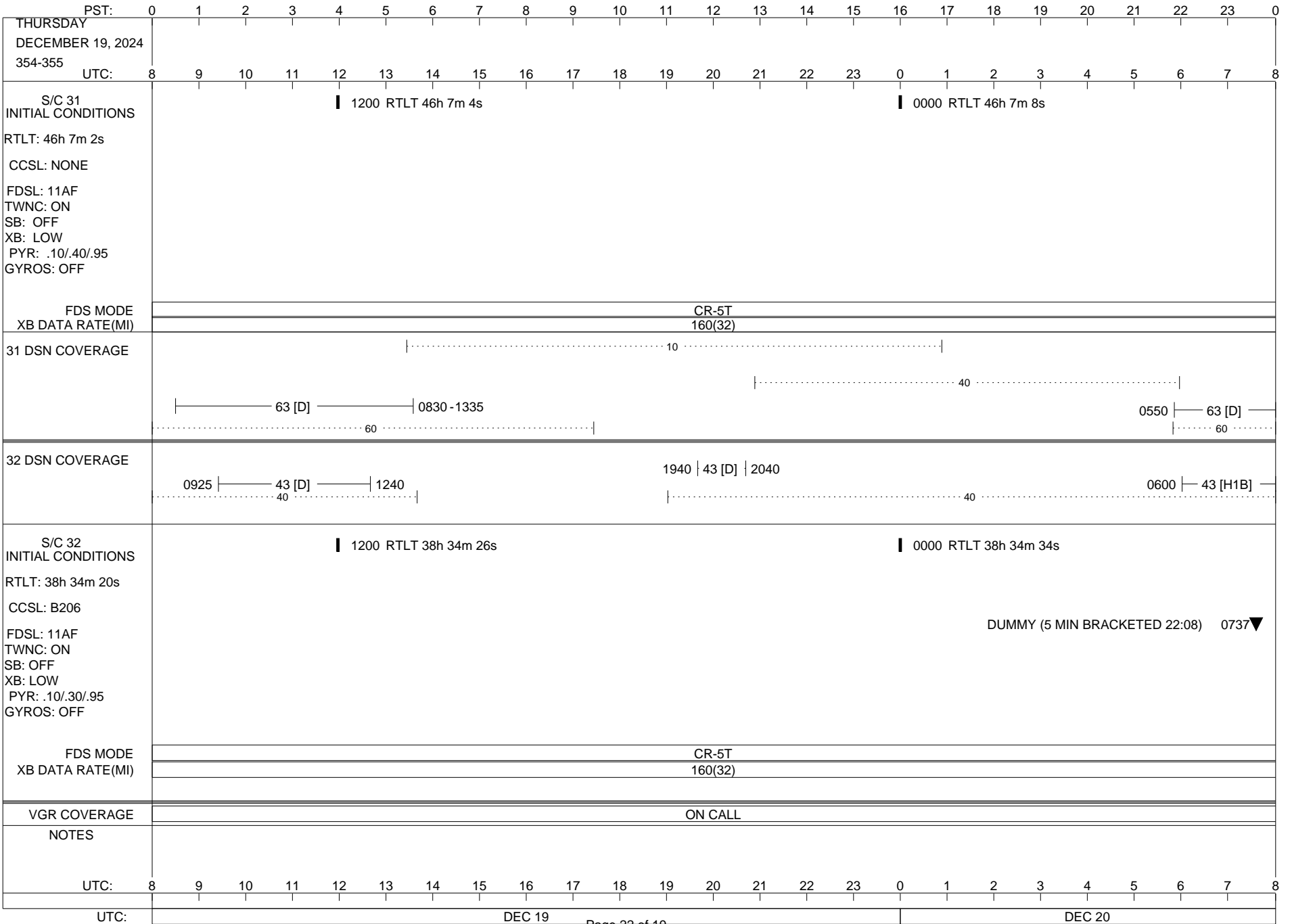
ISSUE DATE: 12/12/24 06:45



ISSUE DATE: 12/12/24 06:45

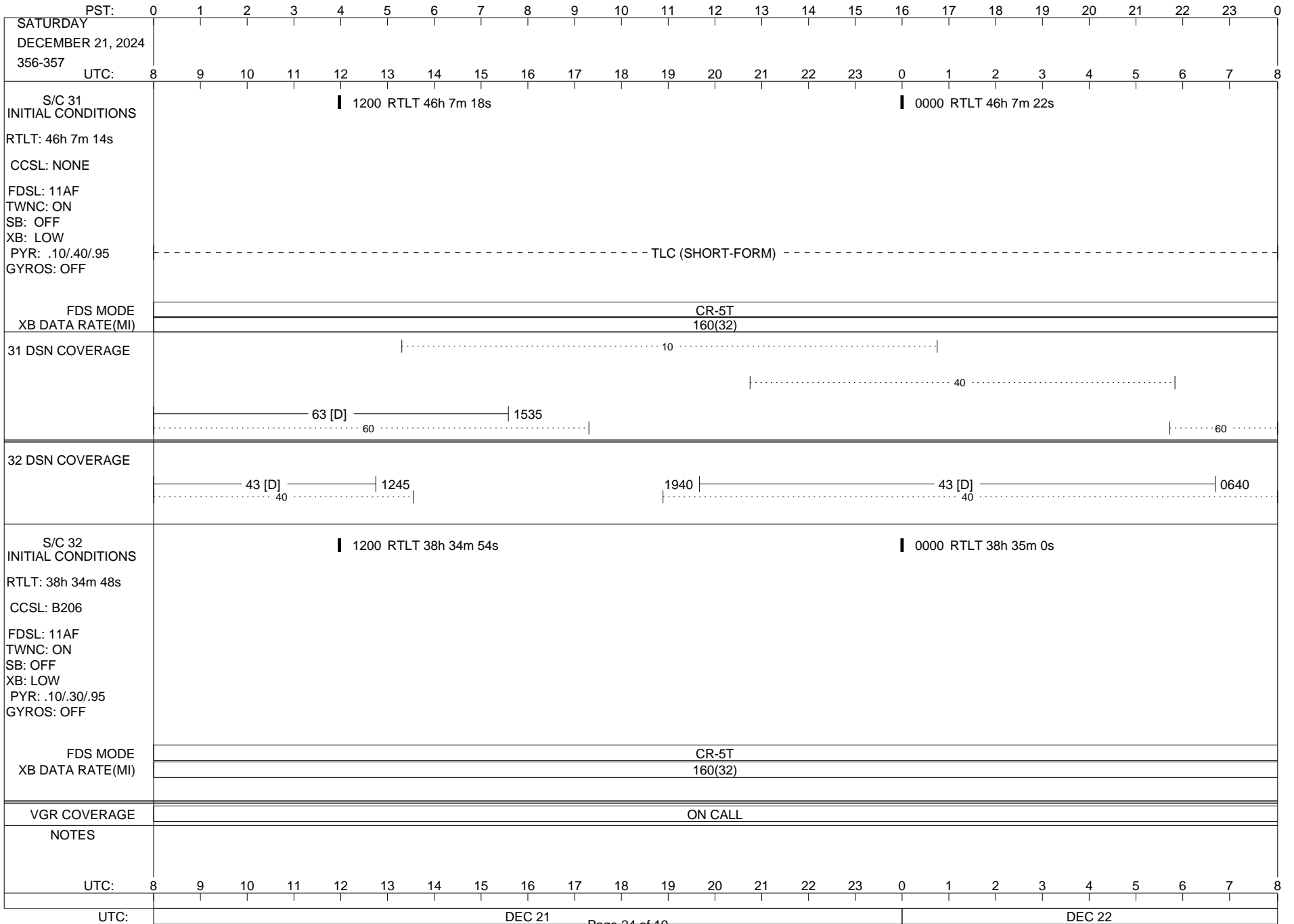
PST:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
WEDNESDAY DECEMBER 18, 2024 353-354																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 46h 6m 54s CCSL: NONE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.40/.95 GYROS: OFF					█ 1200																				
FDS MODE																									
XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 38h 34m 6s CCSL: B206 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.30/.95 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:																									

ISSUE DATE: 12/12/24 06:45

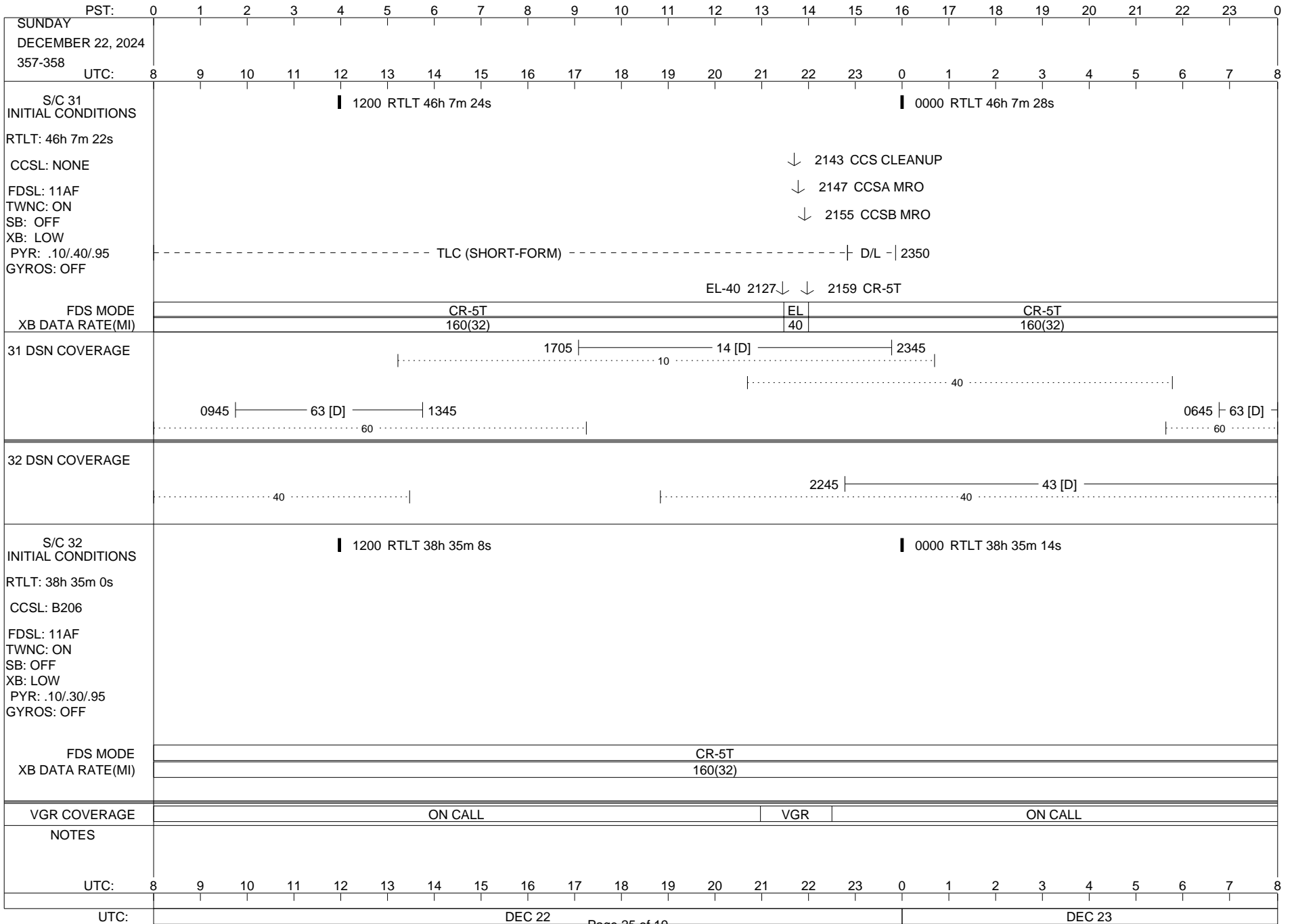


ISSUE DATE: 12/12/24 06:45

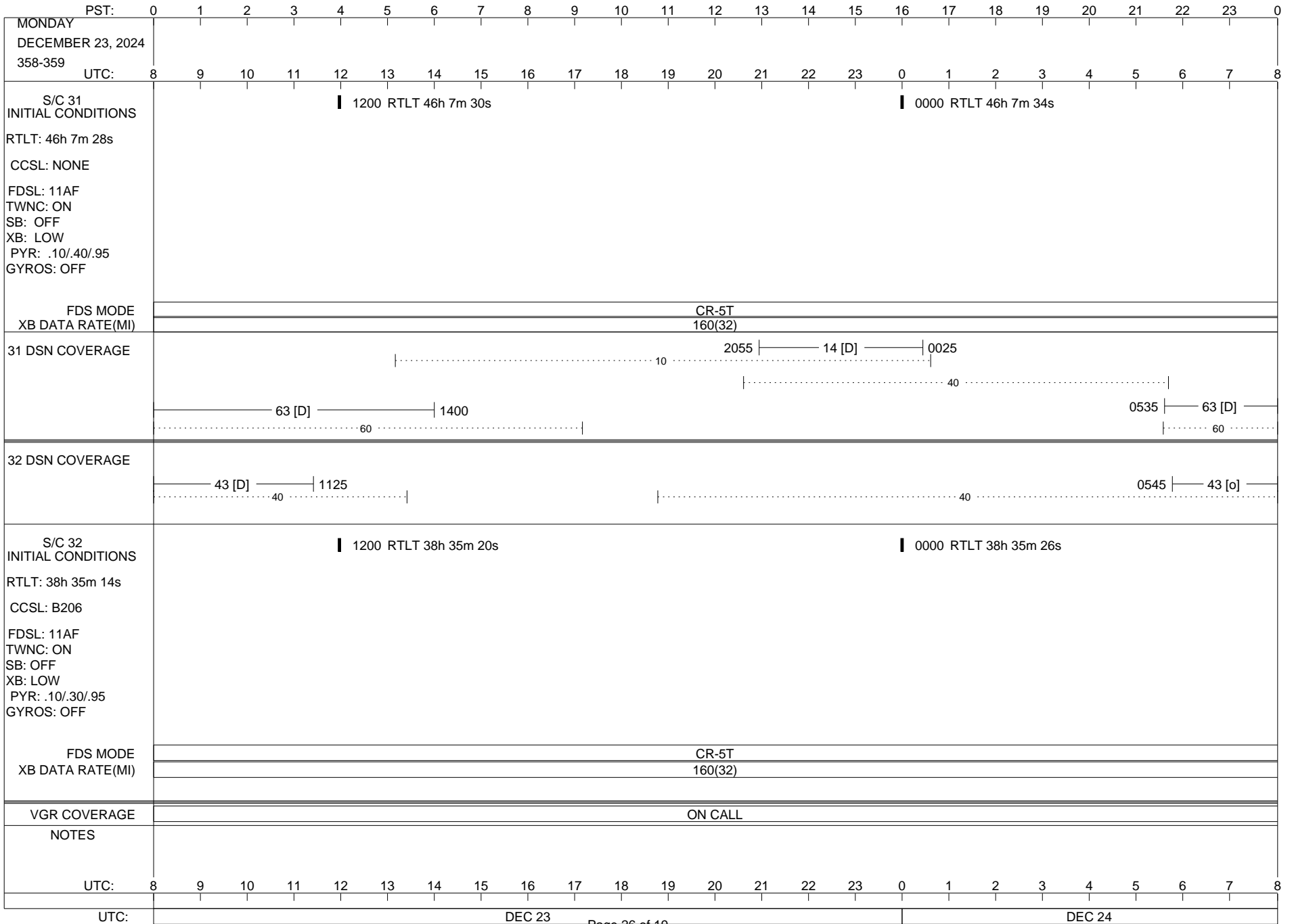
FRIDAY DECEMBER 20, 2024 355-356		PST: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0
UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8		
S/C 31 INITIAL CONDITIONS RTLTL: 46h 7m 8s CCSL: NONE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.40/.95 GYROS: OFF	<p>1200 RTLT 46h 7m 12s</p> <p>0000 RTLT 46h 7m 14s</p> <ul style="list-style-type: none"> ▼ 2319 EL-40 (21:26) ▼ 2335 CCS CLEANUP (21:42) ▼ 2339 CCSA MRO (21:46) ▼ 2350 CCSB MRO & CR-5T (21:54) <p>U/L 0015 - - - - - - TLC (SHORT-FORM) - - - - -</p>	
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)	
31 DSN COVERAGE	<p>1835 14 [D] 2220</p> <p>2215 43 [HT] 0425</p> <p>63 [D] 1615</p> <p>0605 63 [D] </p>	
32 DSN COVERAGE	<p>43 [H1B] 1140</p> <p>0510 43 [D] </p>	
S/C 32 INITIAL CONDITIONS RTLTL: 38h 34m 34s CCSL: B206 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.30/.95 GYROS: OFF	<p>1200 RTLT 38h 34m 40s</p> <p>0000 RTLT 38h 34m 48s</p>	
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)	
VGR COVERAGE	ON CALL	VGR ON CALL
NOTES	[1] DSS-43 HPTXR DRV OFF <=12:05	
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 20		DEC 21



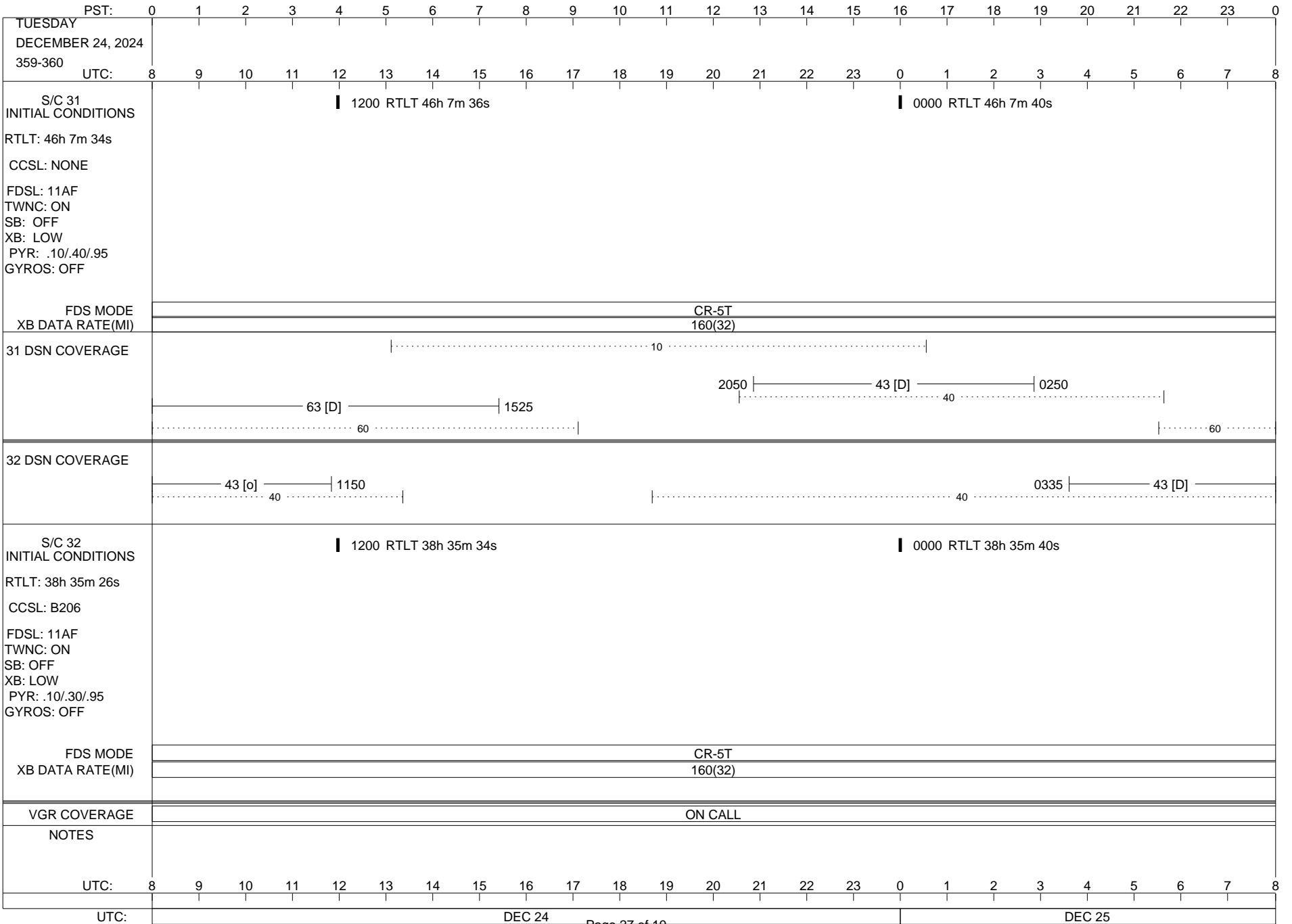
ISSUE DATE: 12/12/24 06:45



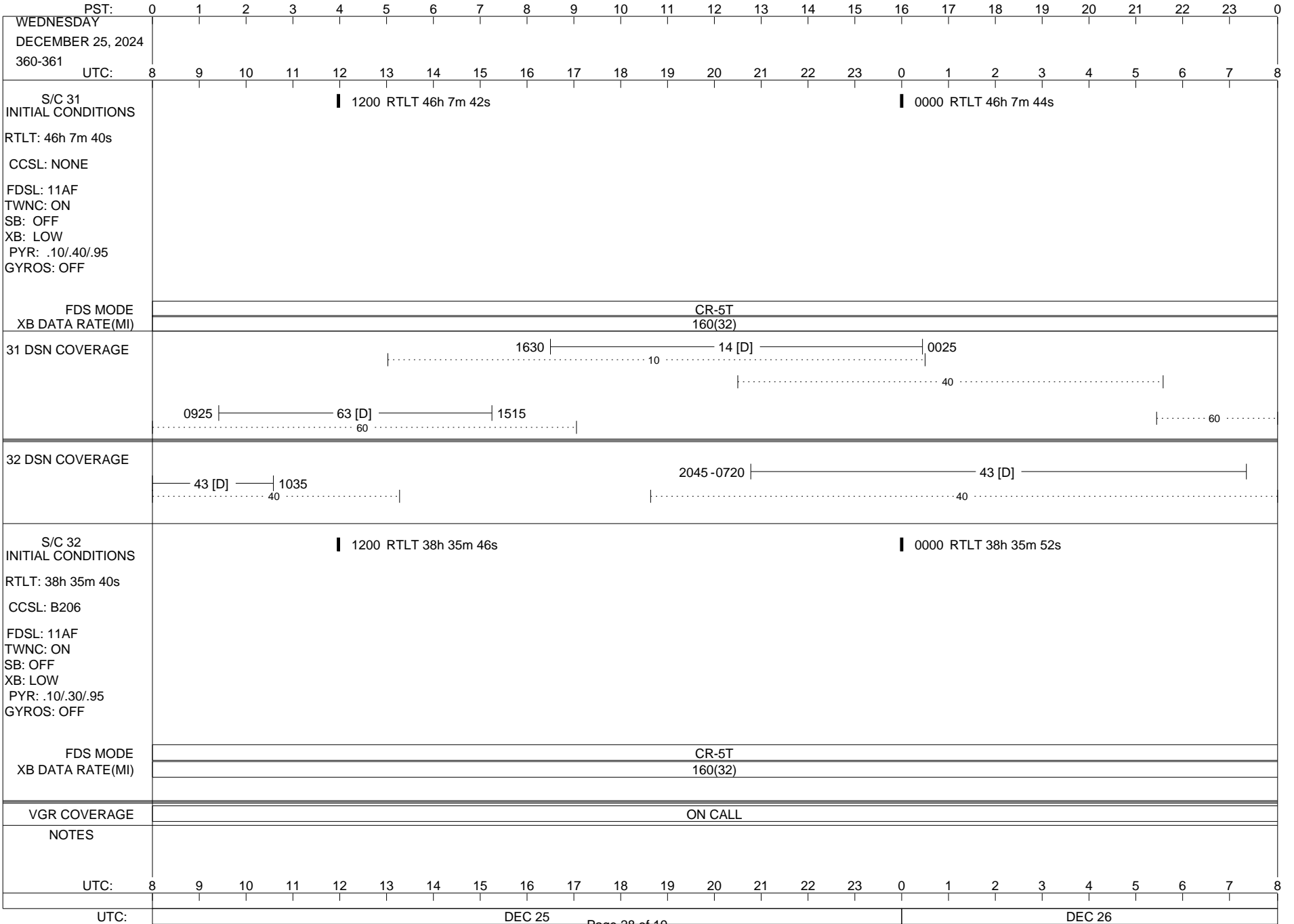
ISSUE DATE: 12/12/24 06:45



ISSUE DATE: 12/12/24 06:45



ISSUE DATE: 12/12/24 06:45



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			
THURSDAY DECEMBER 26, 2024 361-362																												
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: 46h 7m 44s CCSL: NONE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.40/.95 GYROS: OFF	█ 1200 RTLTL 46h 7m 48s													█ 0000 RTLTL 46h 7m 50s														
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)														
31 DSN COVERAGE	1620 ----- 14 [D] ----- 2110 ----- 10 -----													2110 ----- 43 [HT] ----- 0135 ----- 40 -----														
32 DSN COVERAGE 40 -----												 0220-0720 ----- 43 [D] ----- 40														
S/C 32 INITIAL CONDITIONS RTLTL: 38h 35m 52s CCSL: B206 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.30/.95 GYROS: OFF	█ 1200 RTLTL 38h 35m 58s													█ 0000 RTLTL 38h 36m 4s														
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)														
VGR COVERAGE	ON CALL													VGR			ON ALL											
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 26													DEC 27														

ISSUE DATE: 12/12/24 06:45

		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 DECEMBER 27, 2024 362-363		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: 46h 7m 50s CCSL: NONE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.40/.95 GYROS: OFF		█ 1200 RTLTL 46h 7m 52s											█ 0000 RTLTL 46h 7m 54s																
		----- TLC (SHORT-FORM) -----																											
FDS MODE XB DATA RATE(MI)																CR-5T 160(32)													
31 DSN COVERAGE		----- 63 [D] ----- 0830-1505										1850 ----- 14 [D] ----- 0020										----- 40 -----							
		----- 60 -----										----- 40 -----										----- 60 -----							
32 DSN COVERAGE		----- 40 -----										----- 40 -----										0450 ----- 43 [H1Bo] -----							
S/C 32 INITIAL CONDITIONS RTLTL: 38h 36m 4s CCSL: B206 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.30/.95 GYROS: OFF		█ 1200 RTLTL 38h 36m 10s											█ 0000 RTLTL 38h 36m 16s											DUMMY (5 MIN BRACKETED 21:14) 0637▼					
FDS MODE XB DATA RATE(MI)																CR-5T 160(32)													
VGR COVERAGE		ON ALL																								VGR			
NOTES		[1] DSS-43 HPTXR DRV OFF <= 11:35 ↓																											
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 27														DEC 28													

ISSUE DATE: 12/12/24 06:45

