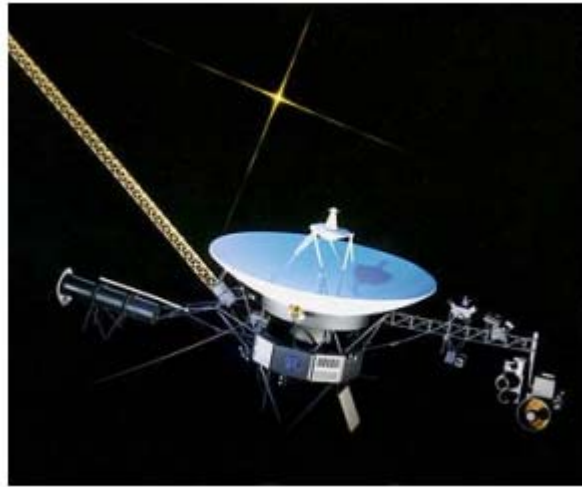


# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: October 17, 2024

For the Period: 10/17/24 to 11/04/24 (24/291 – 24/309)



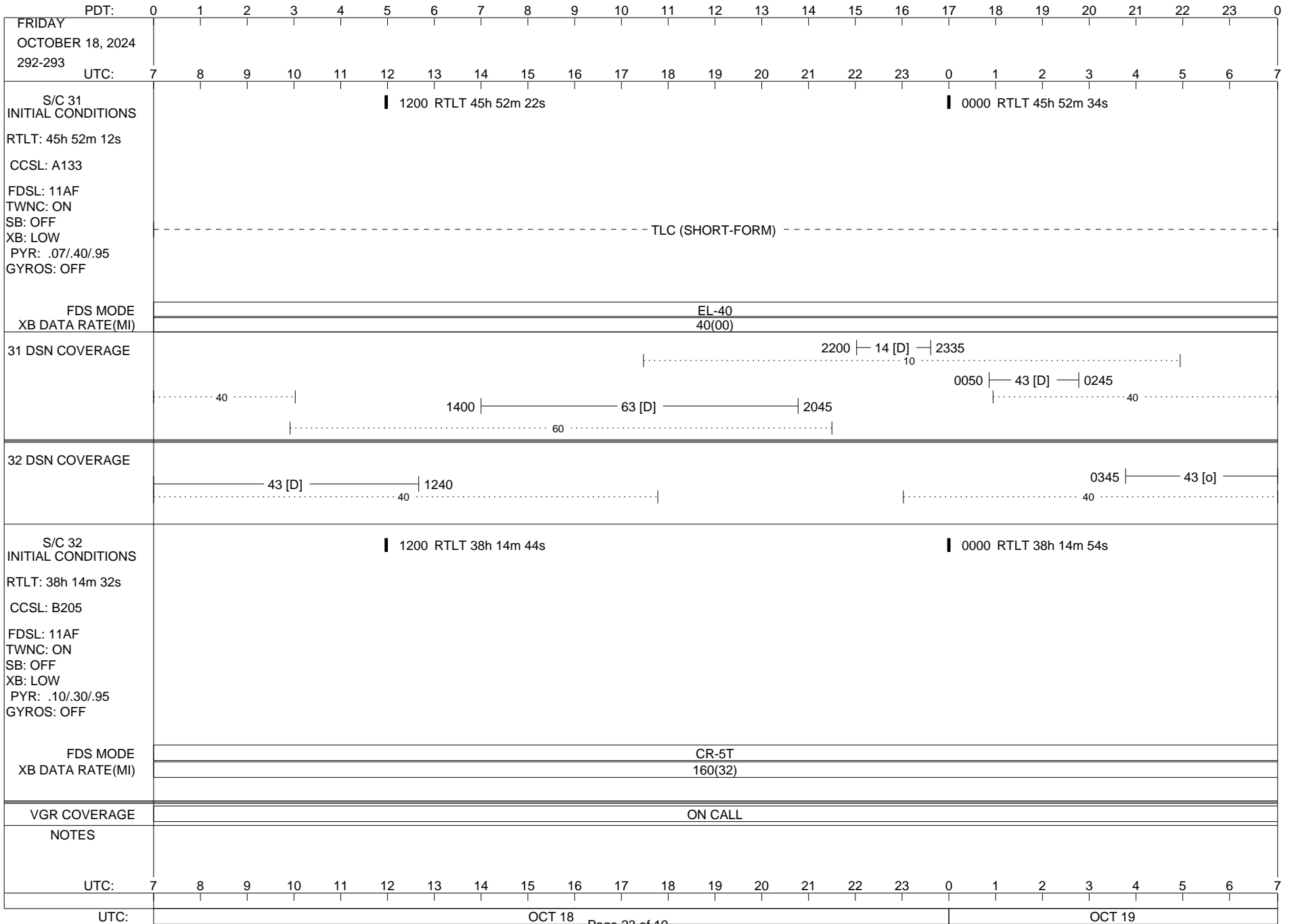
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

**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

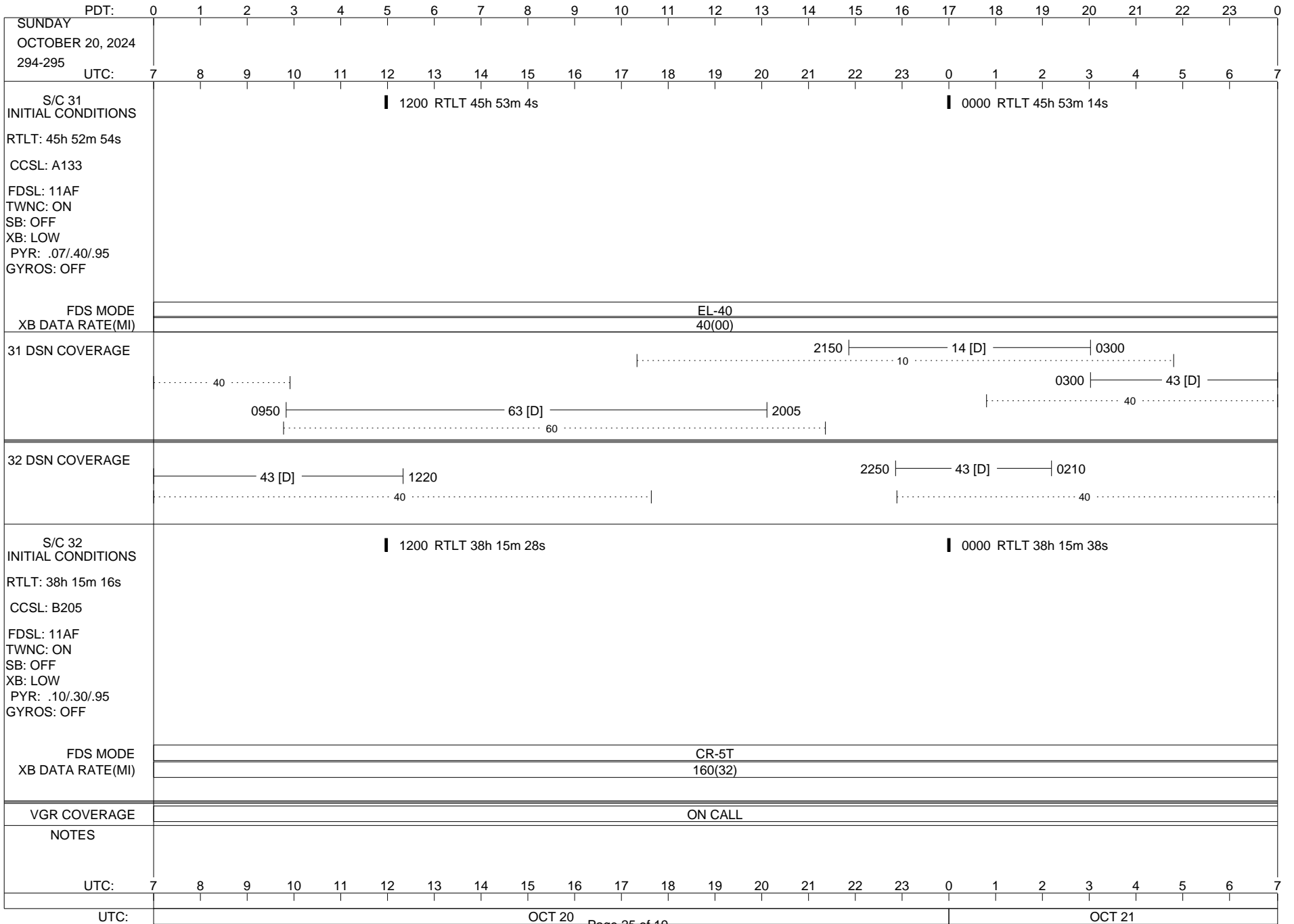
ISSUE DATE: 10/24/24 09:26

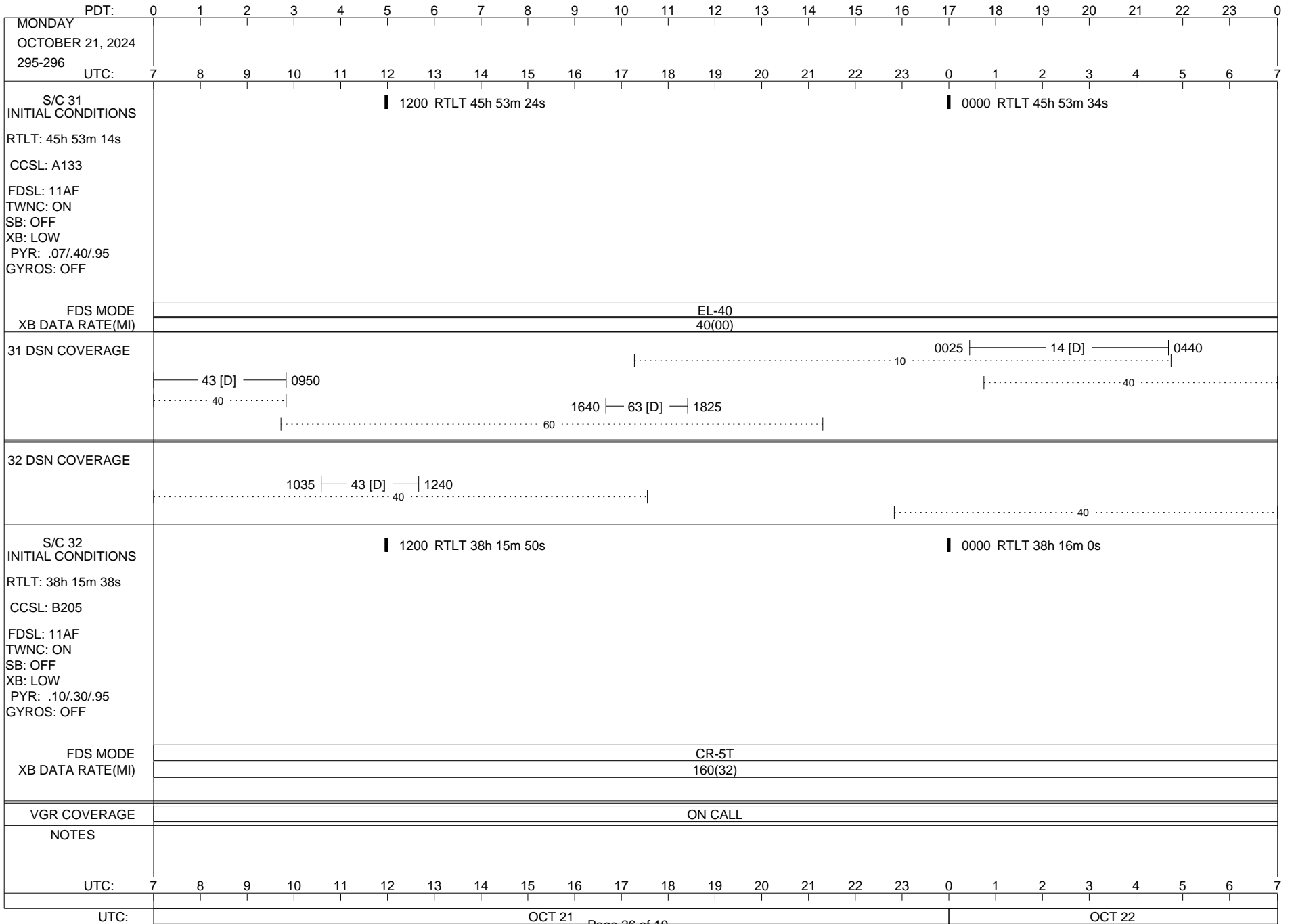
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THURSDAY OCTOBER 17, 2024 291-292																														
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7					
S/C 31 INITIAL CONDITIONS RTLT: 45h 51m 52s CCSL: A133 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .07/.40/.95 GYROS: OFF	█ 1200 RTLT 45h 52m 2s												█ 0000 RTLT 45h 52m 12s																	
													* ↓ 0020 BAY 6 HTR A ON																	
													▼ 0227 BY 6 HTR A OFF (00:19)																	
													U/L 0305   -   -   TLC (SHORT-FORM) -																	
FDS MODE	CR-5T												EL-40																	
XB DATA RATE(MI)	160(32)												40(00)																	
31 DSN COVERAGE	43 [D]   0835												2330   14 [D]   0200																	
	40												10																	
	1500   63 [D]   2020												0140   43 [H]   0610																	
	40												40																	
32 DSN COVERAGE	0950   43 [H1B]   1440												43 [D] 0655																	
	40												40																	
S/C 32 INITIAL CONDITIONS RTLT: 38h 14m 10s CCSL: B205 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.30/.95 GYROS: OFF	█ 1200 RTLT 38h 14m 22s												█ 0000 RTLT 38h 14m 32s																	
													▼ 1347 DUMMY (5 MIN BRACKETED 04:02)																	
FDS MODE	CR-5T																													
XB DATA RATE(MI)	160(32)																													
VGR COVERAGE	ON CALL						VGR						ON CALL						VGR						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:	OCT 17												OCT 18																	



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
SATURDAY OCTOBER 19, 2024 293-294																									
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: 45h 52m 34s CCSL: A133 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .07/.40/.95 GYROS: OFF						█ 1200													█ 0000						
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLTL: 38h 14m 54s CCSL: B205 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.30/.95 GYROS: OFF						█ 1200													█ 0000						
FDS MODE XB DATA RATE(MI)																									
VGR COVERAGE																									
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:																									

ISSUE DATE: 10/24/24 09:26





ISSUE DATE: 10/24/24 09:26

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 OCTOBER 22, 2024 296-297																										
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: 45h 53m 34s CCSL: A133 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .07/.40/.95 GYROS: OFF	1200 RTLT 45h 53m 44s												0000 RTLT 45h 53m 54s													
FDS MODE	EL-40																									
XB DATA RATE(MI)	40(00)																									
31 DSN COVERAGE	1115  ----- 63 [D] -----  1645 .....40 .....												2210  ----- 14 [D] -----  0100 .....10 .....  0130  ----- 43 [H] -----  0400 .....40 .....													
32 DSN COVERAGE	0930  ----- 34 [DAR] -----  1330 0930  ----- 35 [DA] -----  1330 .....40 .....												0445  ----- 43 [D] -----  .....40 .....													
S/C 32 INITIAL CONDITIONS RTLT: 38h 16m 0s CCSL: B205 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.30/.95 GYROS: OFF	1200 RTLT 38h 16m 12s												0000 RTLT 38h 16m 22s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
VGR COVERAGE	ON CALL																		VGR	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:	OCT 22																		OCT 23							





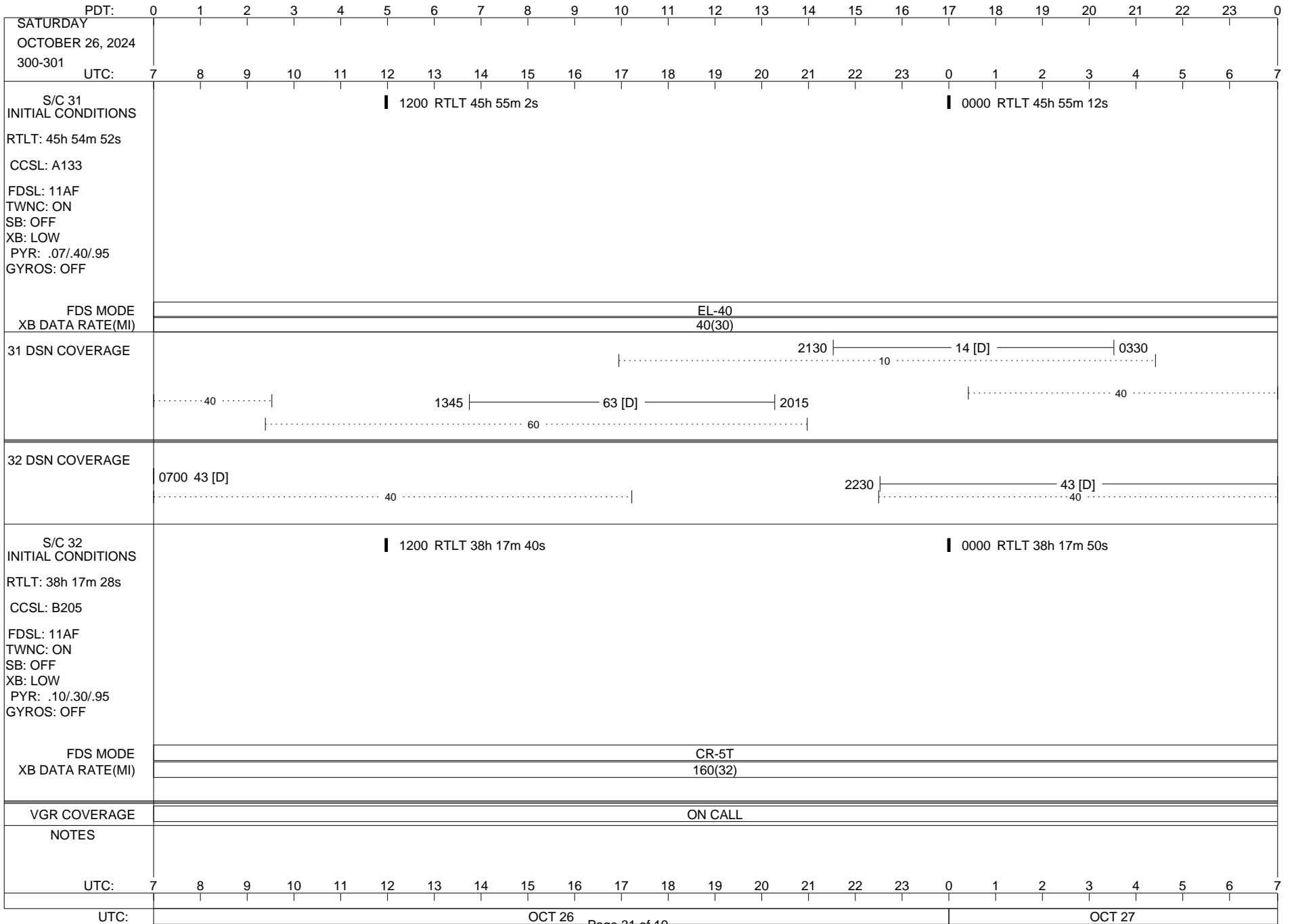
ISSUE DATE: 10/24/24 09:26

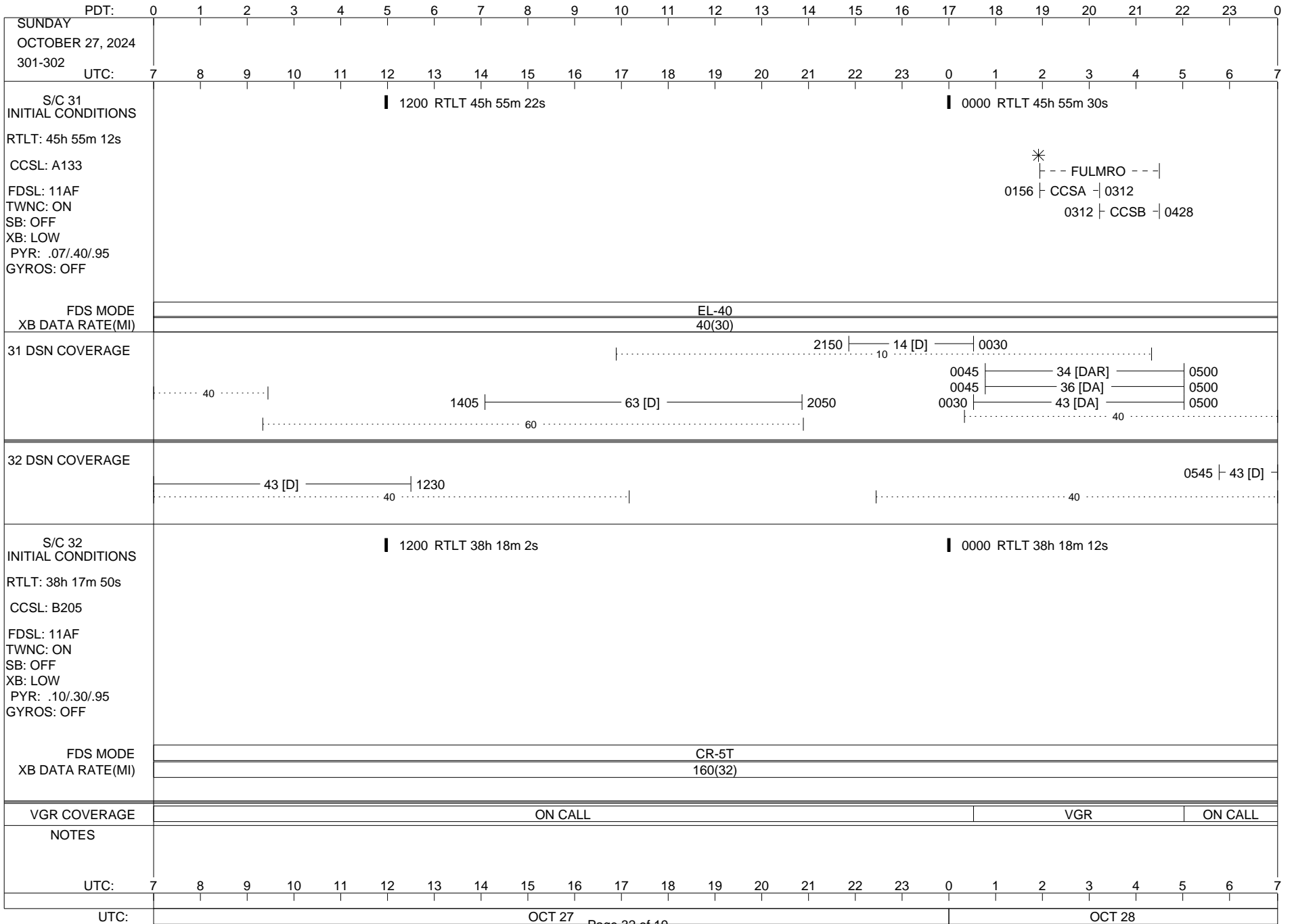
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0			
THURSDAY OCTOBER 24, 2024 298-299																												
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS RTLT: 45h 54m 14s CCSL: A133 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .07/.40/.95 GYROS: OFF						█ 1200 RTLT 45h 54m 24s												█ 0000 RTLT 45h 54m 34s										
FDS MODE XB DATA RATE(MI)	EL-40											40(00)													40(30)			
31 DSN COVERAGE	..... 40 .....											..... 10 .....													0100-0700 34 [DA] 0100-0700 36 [DAR] 0100-0700 43 [DA] ..... 40 .....			
	..... 1235  ----- 63 [D] -----  1945											..... 60 .....													..... 40 .....			
32 DSN COVERAGE	..... 43 [H1B] -----  1550											..... 40 .....													..... 40 .....			
S/C 32 INITIAL CONDITIONS RTLT: 38h 16m 44s CCSL: B205 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.30/.95 GYROS: OFF						█ 1200 RTLT 38h 16m 56s												█ 0000 RTLT 38h 17m 6s										
FDS MODE XB DATA RATE(MI)	CR-5T											160(32)																
VGR COVERAGE	ON CALL		VGR		ON CALL											VGR		ON CALL										
NOTES	[1] DSS-43 HPTXR DRV OFF <= 15:50																											
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:	OCT 24														OCT 25													

ISSUE DATE: 10/24/24 09:26

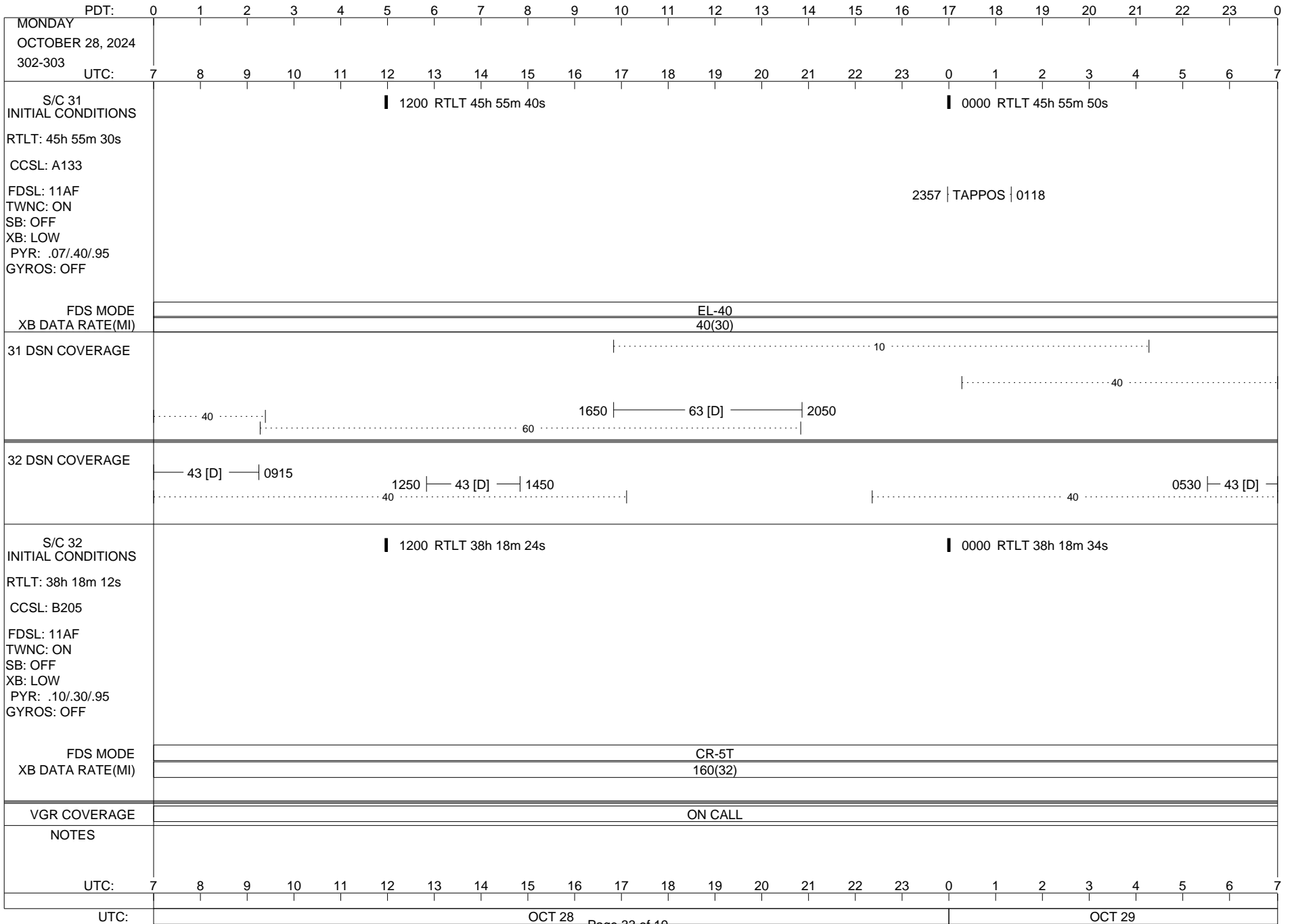
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FRIDAY OCTOBER 25, 2024 299-300																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 45h 54m 34s CCSL: A133 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .07/.40/.95 GYROS: OFF	1200 RTLT 45h 54m 42s												0000 RTLT 45h 54m 52s												
FDS MODE	EL-40												SB EL-40 CCS FULMRO (01:39) 0344▼												
XB DATA RATE(MI)	40(30)																								
31 DSN COVERAGE	0700 34 [DA] 0700 36 [DAR] 0700 43 [DA] .....40.....												1900  ----- 14 [D] -----  2305 .....10..... 0315   43 [H]   0430 .....40.....												
32 DSN COVERAGE	0800  ----- 43 [o] -----  1410 .....40.....												2230  ----- 43 [D] -----  0155 .....40..... 0515-0700   43 [D]												
S/C 32 INITIAL CONDITIONS RTLT: 38h 17m 6s CCSL: B205 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.30/.95 GYROS: OFF	1200 RTLT 38h 17m 18s												0000 RTLT 38h 17m 28s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL												VGR						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:	OCT 25												Page 30 of 19						OCT 26						

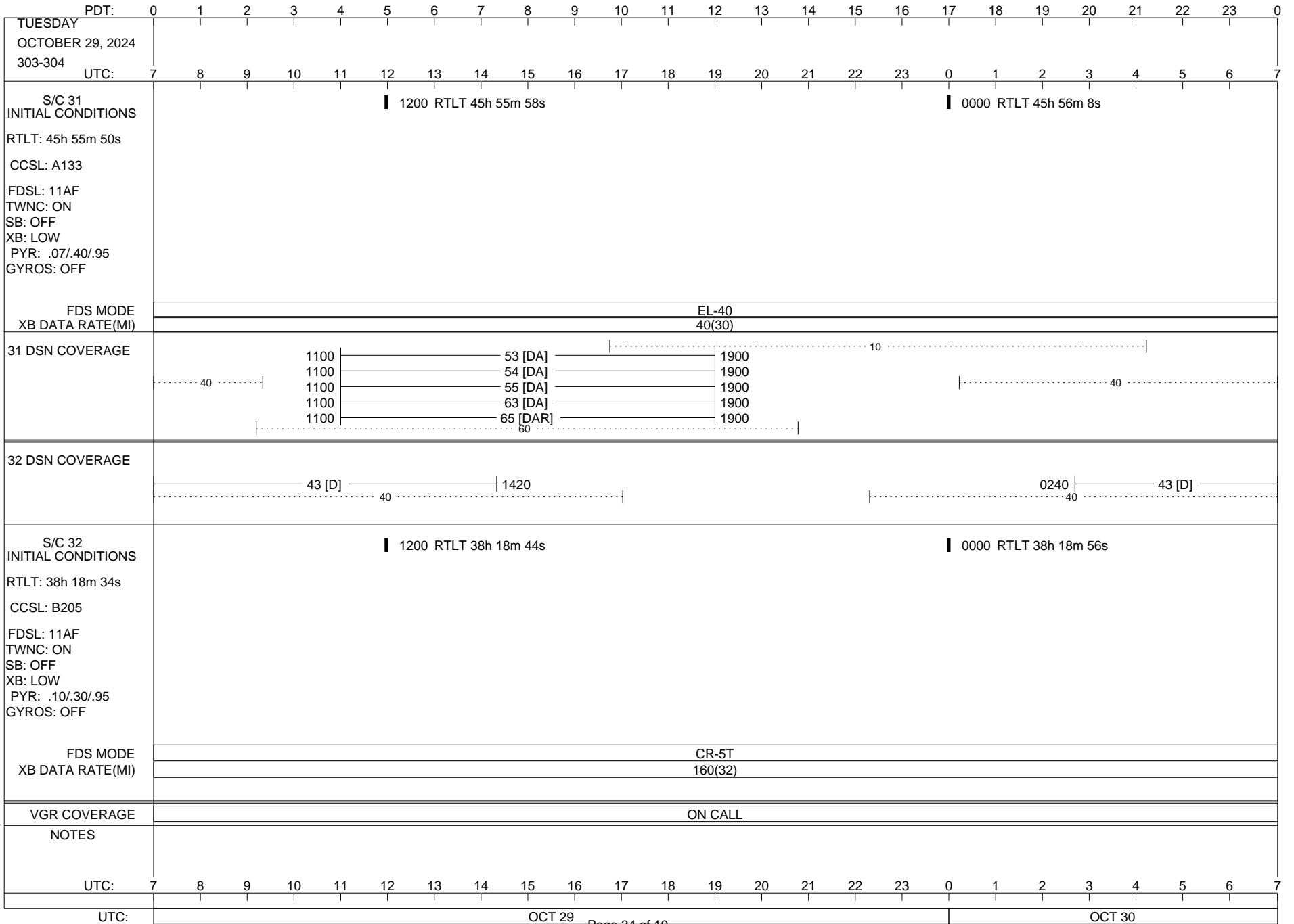
ISSUE DATE: 10/24/24 09:26



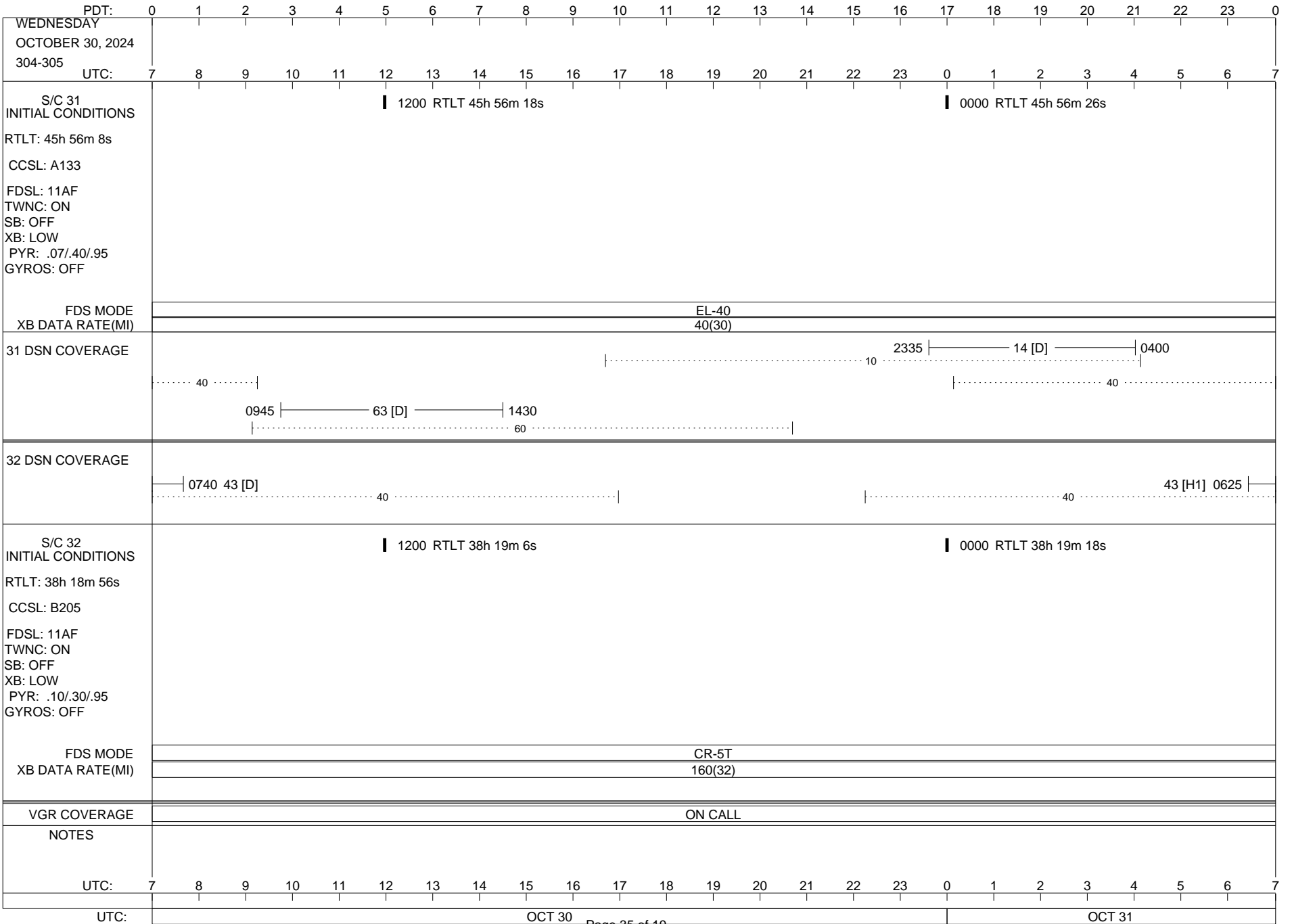


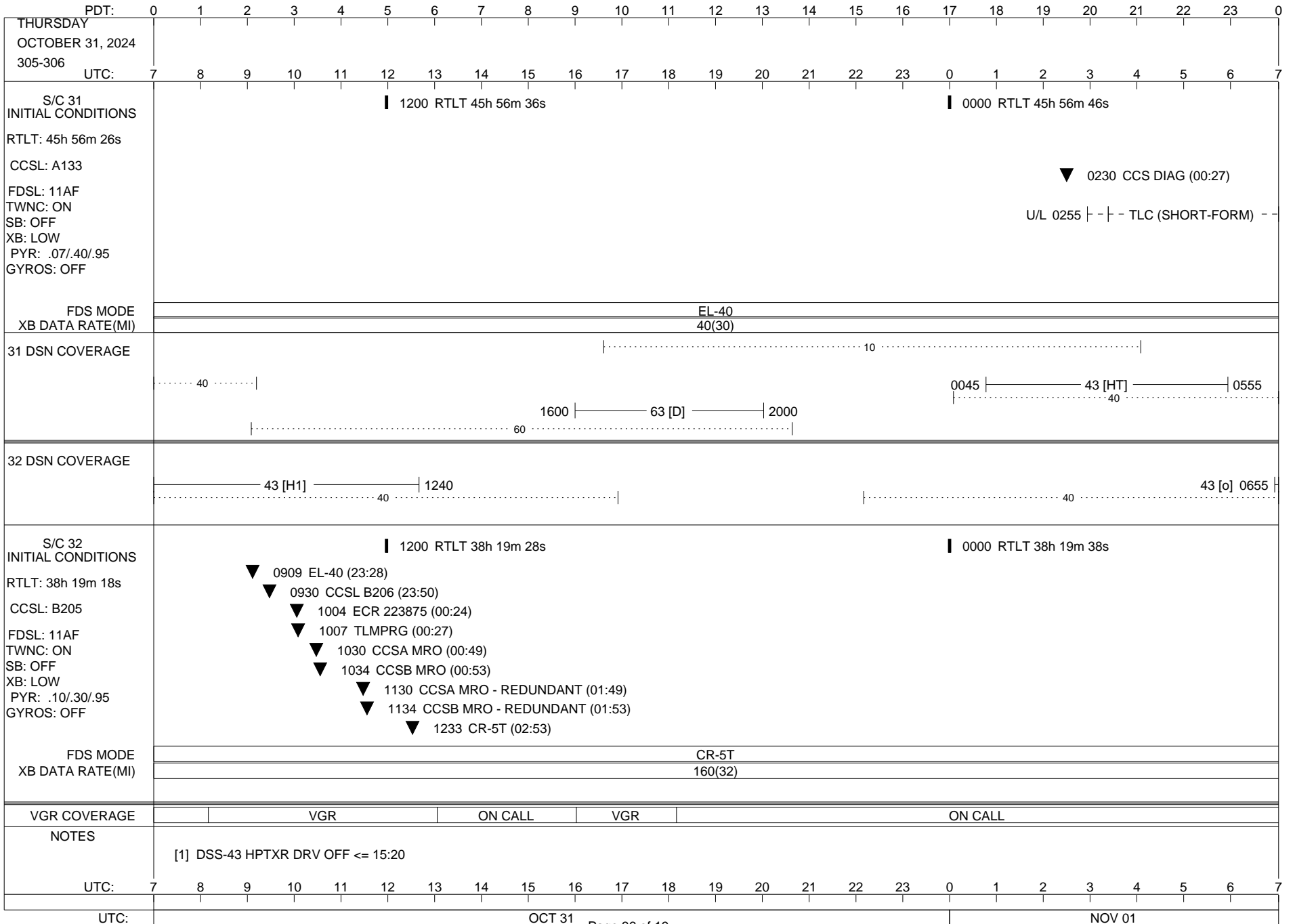
ISSUE DATE: 10/24/24 09:26



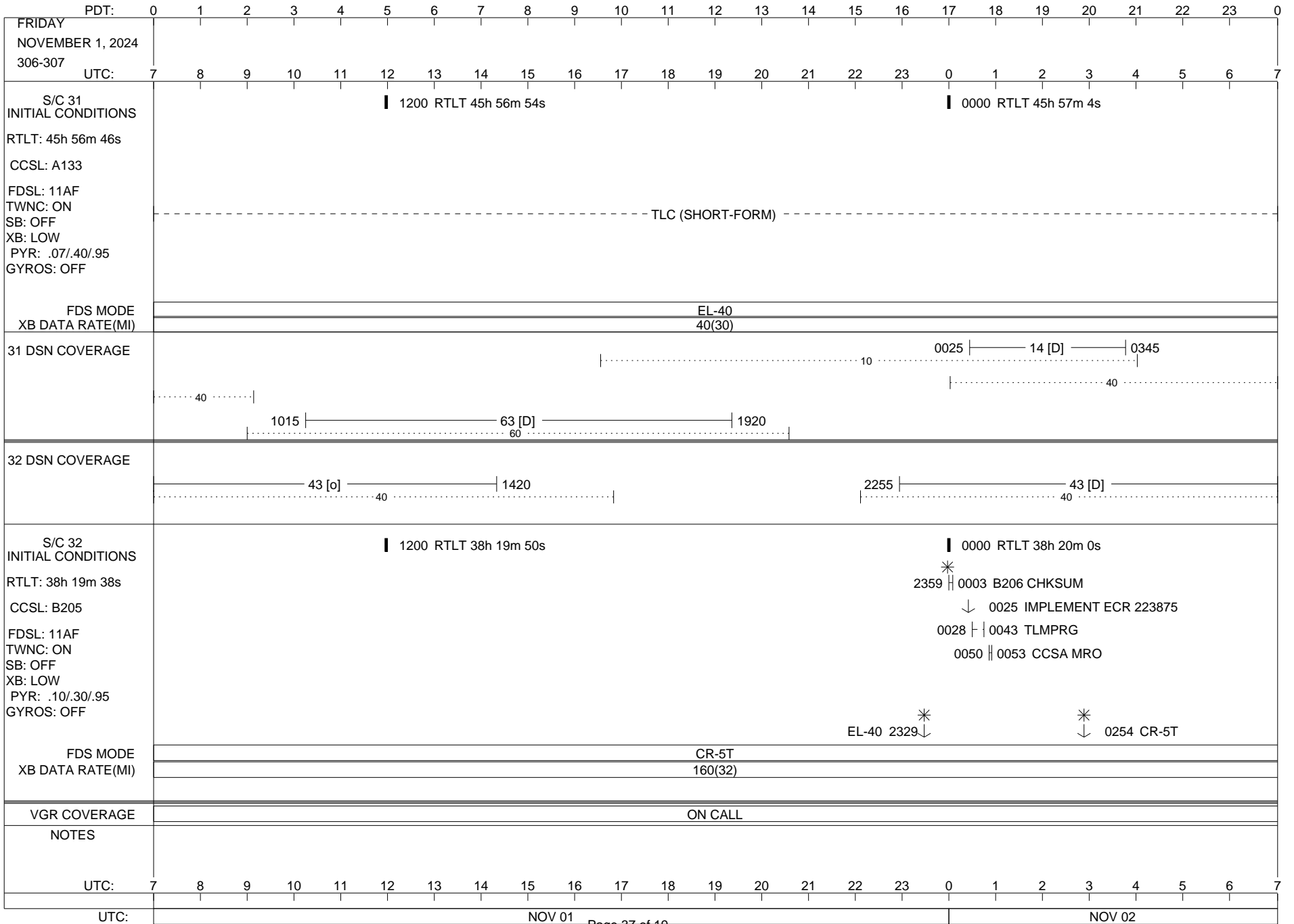


ISSUE DATE: 10/24/24 09:26

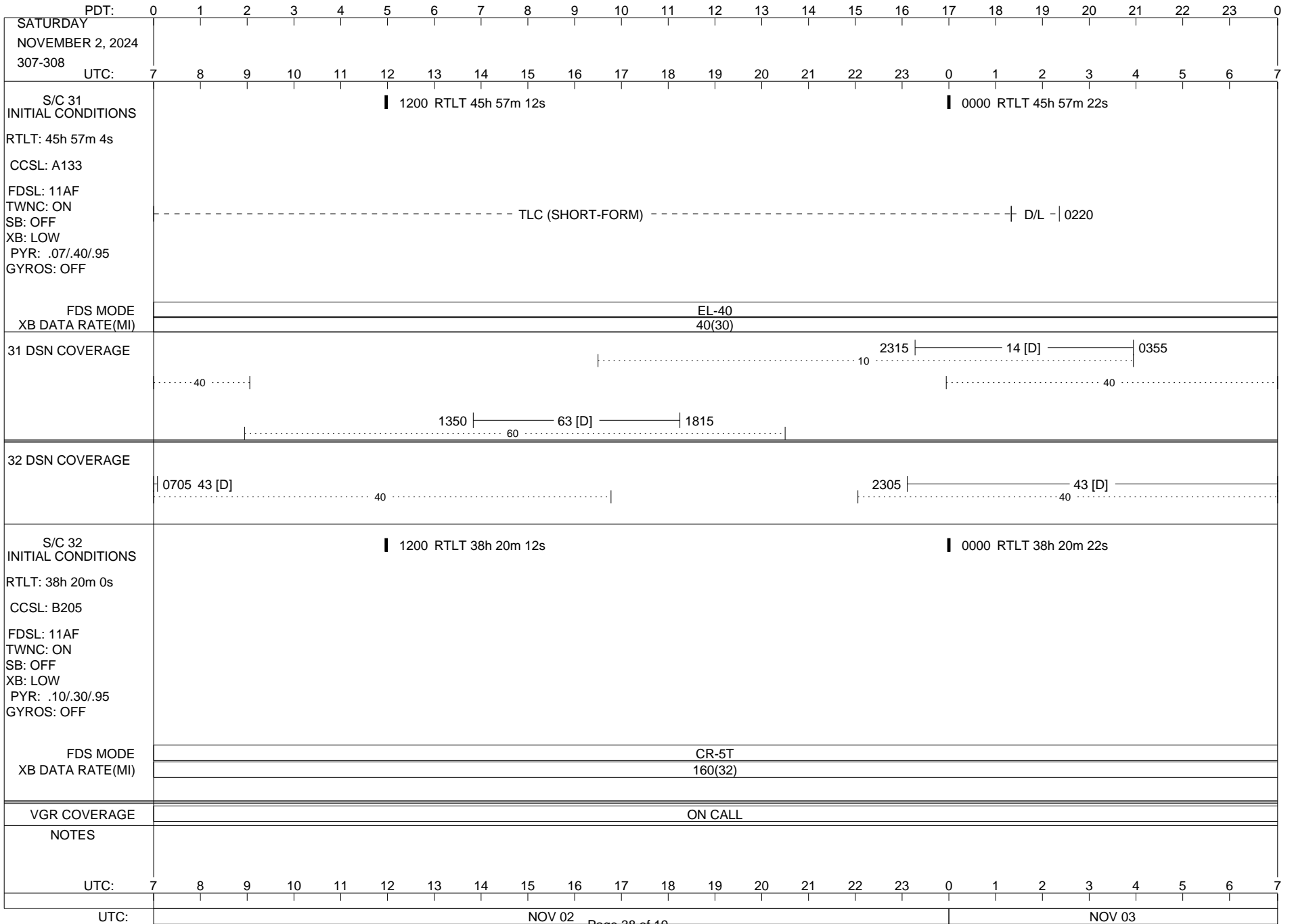








ISSUE DATE: 10/24/24 09:26



ISSUE DATE: 10/24/24 09:26

PDT:	0	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
SUNDAY NOVEMBER 3, 2024 308-309	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
S/C 31 INITIAL CONDITIONS RTLT: 45h 57m 22s CCSL: A133 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .07/.40/.95 GYROS: OFF	1200 RTLT 45h 57m 30s												0000 RTLT 45h 57m 38s											
FDS MODE XB DATA RATE(MI)	EL-40 40(30)																							
31 DSN COVERAGE	-----40-----												-----10-----											
	1145  -----53 [DAR]-----  2025 1145  -----63 [D]-----  2025												-----40-----											
	-----60-----																							
32 DSN COVERAGE	0715 43 [D]-----												-----2345-----43 [D]-----											
	-----40-----												-----40-----											
S/C 32 INITIAL CONDITIONS RTLT: 38h 20m 22s CCSL: B205 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.30/.95 GYROS: OFF	1200 RTLT 38h 20m 32s												0000 RTLT 38h 20m 44s											
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																							
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
UTC:	NOV 03												NOV 04											

PST:	22	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
MONDAY NOVEMBER 4, 2024 309-310	UTC: 6	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: 45h 57m 38s CCSL: A133 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .07/.40/.95 GYROS: OFF	1200 RTLT 45h 57m 48s											0000 RTLT 45h 57m 56s														
FDS MODE XB DATA RATE(MI)												EL-40 40(30)														
31 DSN COVERAGE	0850  -----63 [D]-----  1730											0105  -----14 [D]-----  0345														
32 DSN COVERAGE	0635 43 [D]											0530  -----43 [D]-----														
S/C 32 INITIAL CONDITIONS RTLT: 38h 20m 44s CCSL: B205 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.30/.95 GYROS: OFF	1200 RTLT 38h 20m 54s											0000 RTLT 38h 21m 4s														
FDS MODE XB DATA RATE(MI)												CR-5T 160(32)														
VGR COVERAGE	ON CALL																									
NOTES																										
UTC:	6	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:	NOV 04															NOV 05										