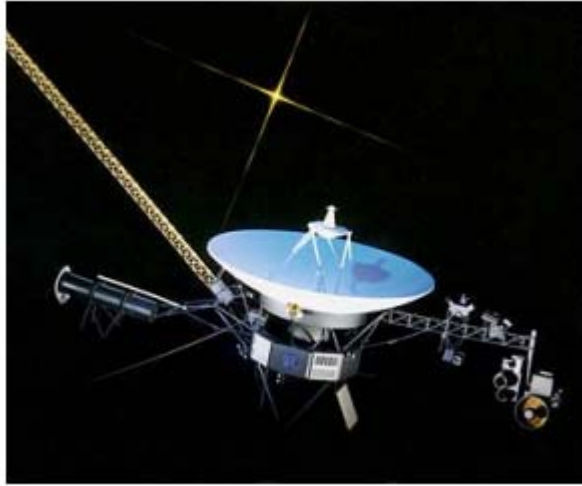


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: October 31, 2024

For the Period: 10/31/24 to 11/18/24 (24/305 – 24/323)



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

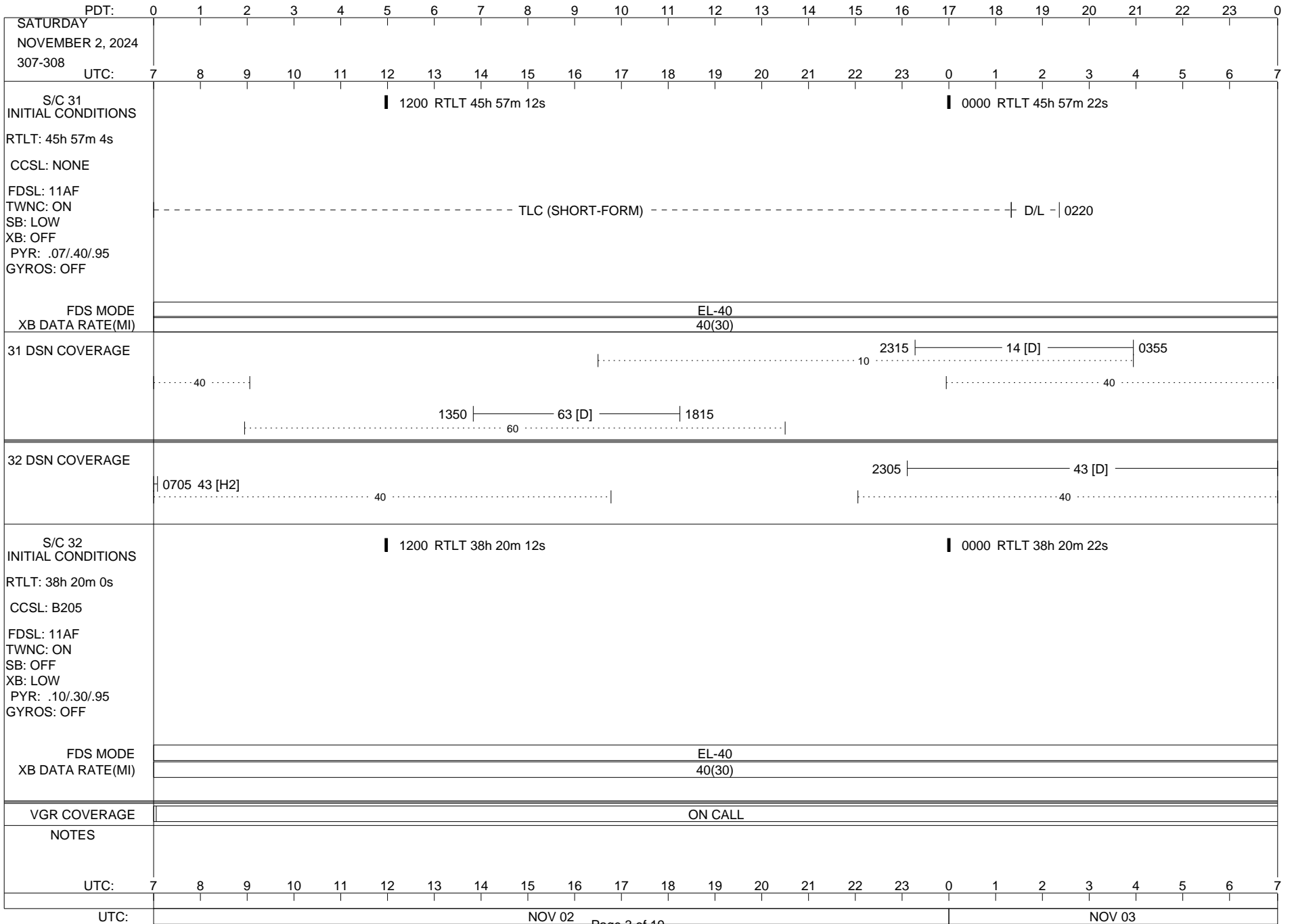
ISSUE DATE: 11/06/24 07:45

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 31, 2024 305-306																										
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 56m 26s CCSL: NONE FDSL: 11AF TWNC: ON SB: LOW XB: OFF PYR: .07/.40/.95 GYROS: OFF	1200 RTLT 45h 56m 36s												0000 RTLT 45h 56m 46s													
FDS MODE	EL-40																									
XB DATA RATE(MI)	40(30)																									
31 DSN COVERAGE	-----												-----													
	40												0045 ----- 43 [HT] ----- 0555													
	-----												-----													
	1600 ----- 63 [D] ----- 2000												-----													
	-----												-----													
	43 [H1] ----- 1240												----- 40													
S/C 32 INITIAL CONDITIONS RTLT: 38h 19m 18s CCSL: B205 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.30/.95 GYROS: OFF	1200 RTLT 38h 19m 28s												0000 RTLT 38h 19m 38s													
	▼ 0909 EL-40 (23:28)																									
	▼ 0930 CCSL B206 (23:50)																									
	▼ 1005 ECR 223875 WPM (00:25)																									
	▼ 1007 TLMPRG (00:27)																									
	▼ 1030 CCSA MRO (00:49)																									
	▼ 1034 CCSB MRO (00:53)																									
	▼ 1130 CCSA MRO - REDUNDANT (01:49)																									
	▼ 1134 CCSB MRO - REDUNDANT (01:53)																									
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
VGR COVERAGE	VGR												ON CALL													
NOTES	[1] DSS-43 HPTXR DRV OFF <= 15:20																									
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 31												NOV 01													

ISSUE DATE: 11/06/24 07:45

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					
FRIDAY NOVEMBER 1, 2024 306-307																															
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		1200 RTLT 45h 56m 54s												0000 RTLT 45h 57m 4s																	
RTLT: 45h 56m 46s																															
CCSL: NONE																															
FDSL: 11AF																															
TWNC: ON																															
SB: LOW																															
XB: OFF																															
PYR: .07/.40/.95																															
GYROS: OFF																															
FDS MODE		EL-40																													
XB DATA RATE(MI)		40(30)																													
31 DSN COVERAGE																															
32 DSN COVERAGE																															
S/C 32 INITIAL CONDITIONS		1200 RTLT 38h 19m 50s												0000 RTLT 38h 20m 0s																	
RTLT: 38h 19m 38s																															
CCSL: B205																															
FDSL: 11AF																															
TWNC: ON																															
SB: OFF																															
XB: LOW																															
PYR: .10/.30/.95																															
GYROS: OFF																															
FDS MODE		CR-5T												EL-40																	
XB DATA RATE(MI)		160(32)												40(30)																	
VGR COVERAGE		VGR												ON CALL						VGR						ON CALL			VGR		
NOTES		<p>[1] DSS-43 HPTXR DRV OFF <= 15:20</p> <p>[2] DSS-43 HPTXR DRV ON >= 23:40</p>																													
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:		NOV 01												NOV 02																	

ISSUE DATE: 11/06/24 07:45



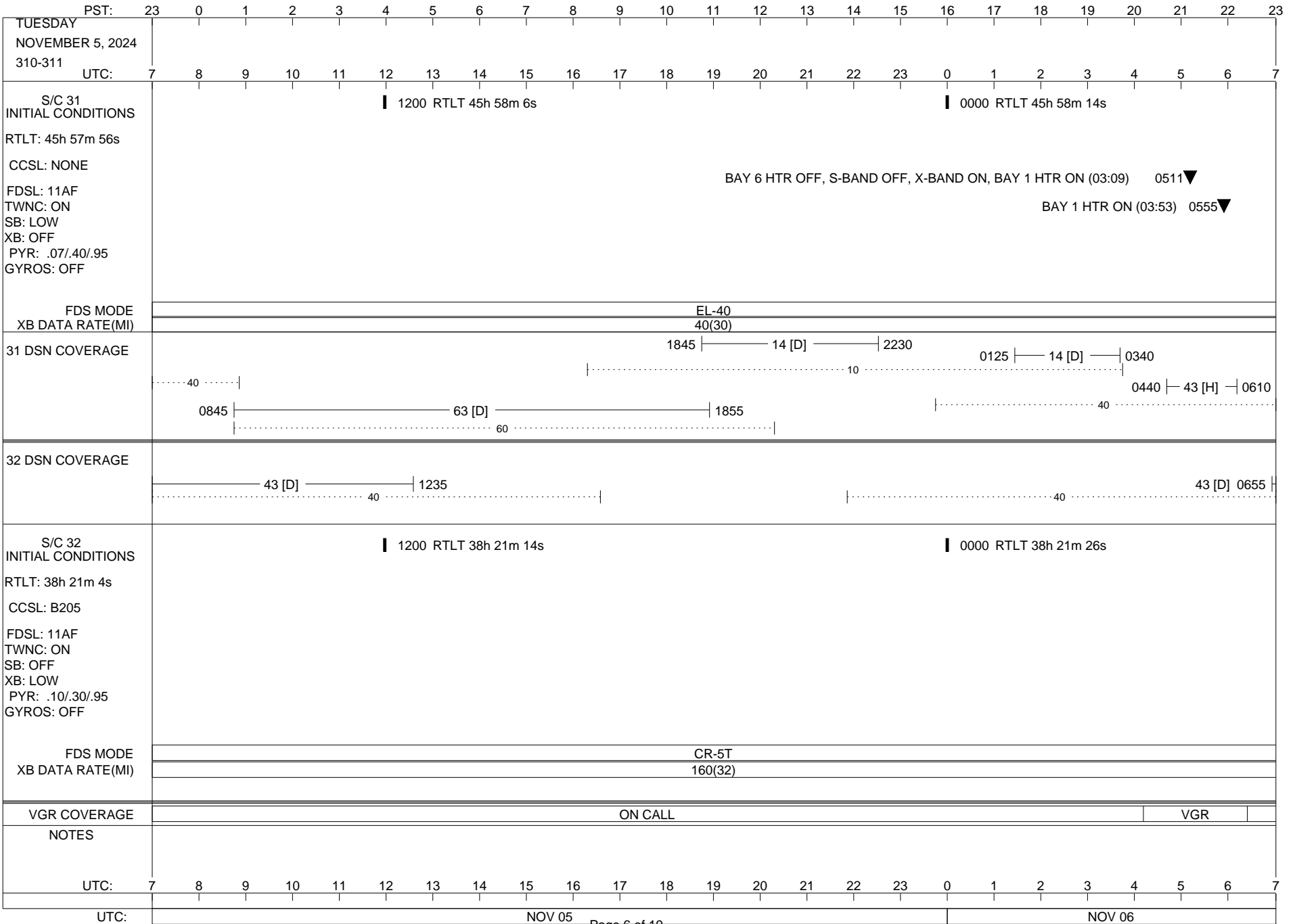
ISSUE DATE: 11/06/24 07:45

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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: NONE FDSL: 11AF TWNC: ON SB: LOW XB: OFF PYR: .07/.40/.95 GYROS: OFF						1200 RTLT 45h 57m 30s																		
FDS MODE XB DATA RATE(MI)																								
31 DSN COVERAGE																								
32 DSN COVERAGE																								
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																		
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
UTC:	NOV 03												NOV 04											

ISSUE DATE: 11/06/24 07:45

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: NONE FDSL: 11AF TWNC: ON SB: LOW XB: OFF 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										

ISSUE DATE: 11/06/24 07:45



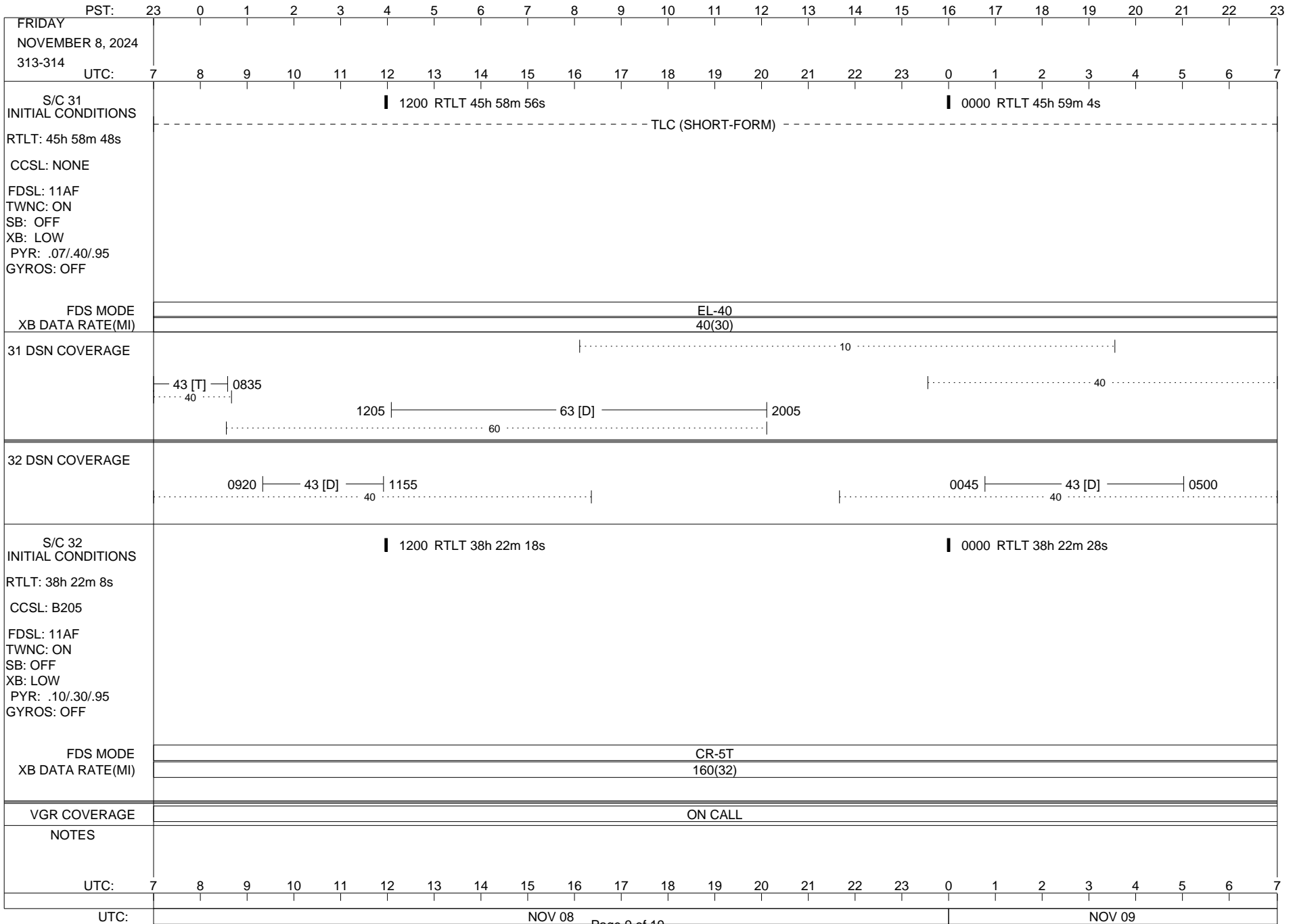
ISSUE DATE: 11/06/24 07:45

PST:	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	
WEDNESDAY NOVEMBER 6, 2024 311-312	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 58m 14s CCSL: NONE FDSL: 11AF TWNC: ON SB: LOW XB: OFF PYR: .07/.40/.95 GYROS: OFF	1200 RTLT 45h 58m 22s											0000 RTLT 45h 58m 30s														
FDS MODE XB DATA RATE(MI)												EL-40 40(30)														
31 DSN COVERAGE	-----40-----											1720 -----14 [D]----- 0340 -----10-----														
32 DSN COVERAGE	43 [D] -----1105-----											2350 -----43 [D]----- 0315 -----40-----														
S/C 32 INITIAL CONDITIONS RTLT: 38h 21m 26s CCSL: B205 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.30/.95 GYROS: OFF	1200 RTLT 38h 21m 36s											0000 RTLT 38h 21m 46s														
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	7	
UTC:	NOV 06													NOV 07												

ISSUE DATE: 11/06/24 07:45

PST:	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
THURSDAY NOVEMBER 7, 2024 312-313	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 58m 30s CCSL: NONE FDSL: 11AF TWNC: ON SB: LOW XB: OFF PYR: .07/.40/.95 GYROS: OFF	1200 RTLT 45h 58m 40s											0000 RTLT 45h 58m 48s U/L 0150 - - - - TLC (SHORT-FORM) - - - - BAY 6 HTR A OFF 0309 ↓ BAY 1 HTR OFF 0313 ↓ S-TWT OFF 0317 ↓ X-TWT ON 0325 ↓ TWNC ON 0329 ↓ BAY 1 HTR ON 0333 ↓ * BAY 1 HTR ON 0353 ↓ EL-40 (X-BAND) 0321 ↓													
FDS MODE XB DATA RATE(MI)	EL-40 40(30)																								
31 DSN COVERAGE	43 [D] 0830 40 1215 63 [D] 1315 60											2350 43 [T] 40													
32 DSN COVERAGE	0945 43 [H1Bo] 1455 40											40													
S/C 32 INITIAL CONDITIONS RTLT: 38h 21m 46s CCSL: B205 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.30/.95 GYROS: OFF	1200 RTLT 38h 21m 56s											0000 RTLT 38h 22m 8s													
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 <= 14:55																								
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:	NOV 07											NOV 08													

ISSUE DATE: 11/06/24 07:45



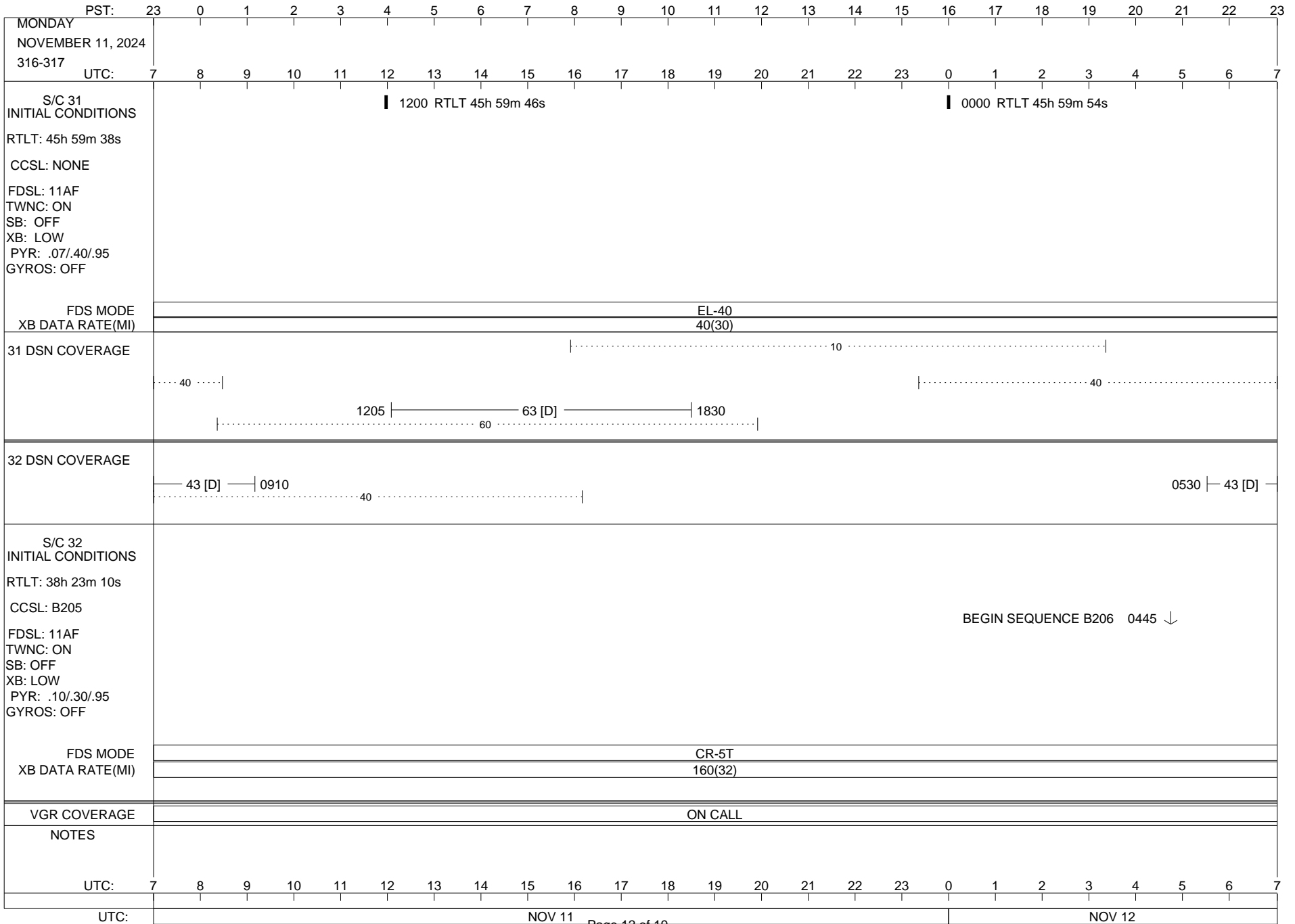
ISSUE DATE: 11/06/24 07:45

PST: 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		
SATURDAY NOVEMBER 9, 2024 314-315																											
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		█ 1200 RTLT 45h 59m 12s												█ 0000 RTLT 45h 59m 20s													
RTLT: 45h 59m 4s		----- TLC (SHORT-FORM) -----												+ D/L - 0117													
CCSL: NONE																											
FDSL: 11AF																											
TWNC: ON																											
SB: OFF																											
XB: LOW																											
PYR: .07/.40/.95																											
GYROS: OFF																											
FDS MODE		EL-40																									
XB DATA RATE(MI)		40(30)																									
31 DSN COVERAGE		<p>.....40..... 0900 ----- 63 [D] ----- 1355 ----- 60 ----- </p> <p>1640 ----- 14 [D] ----- 0325 ----- 10 ----- </p> <p>.....40..... ----- 40 ----- </p>																									
32 DSN COVERAGE		<p>.....40..... ----- 40 ----- </p> <p>2215 ----- 43 [D] ----- 0505 ----- 40 ----- </p>																									
S/C 32 INITIAL CONDITIONS		█ 1200 RTLT 38h 22m 38s												█ 0000 RTLT 38h 22m 48s													
RTLT: 38h 22m 28s																											
CCSL: B205																											
FDSL: 11AF																											
TWNC: ON																											
SB: OFF																											
XB: LOW																											
PYR: .10/.30/.95																											
GYROS: OFF																											
FDS MODE		CR-5T																									
XB DATA RATE(MI)		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	7		
UTC:		NOV 09												NOV 10													

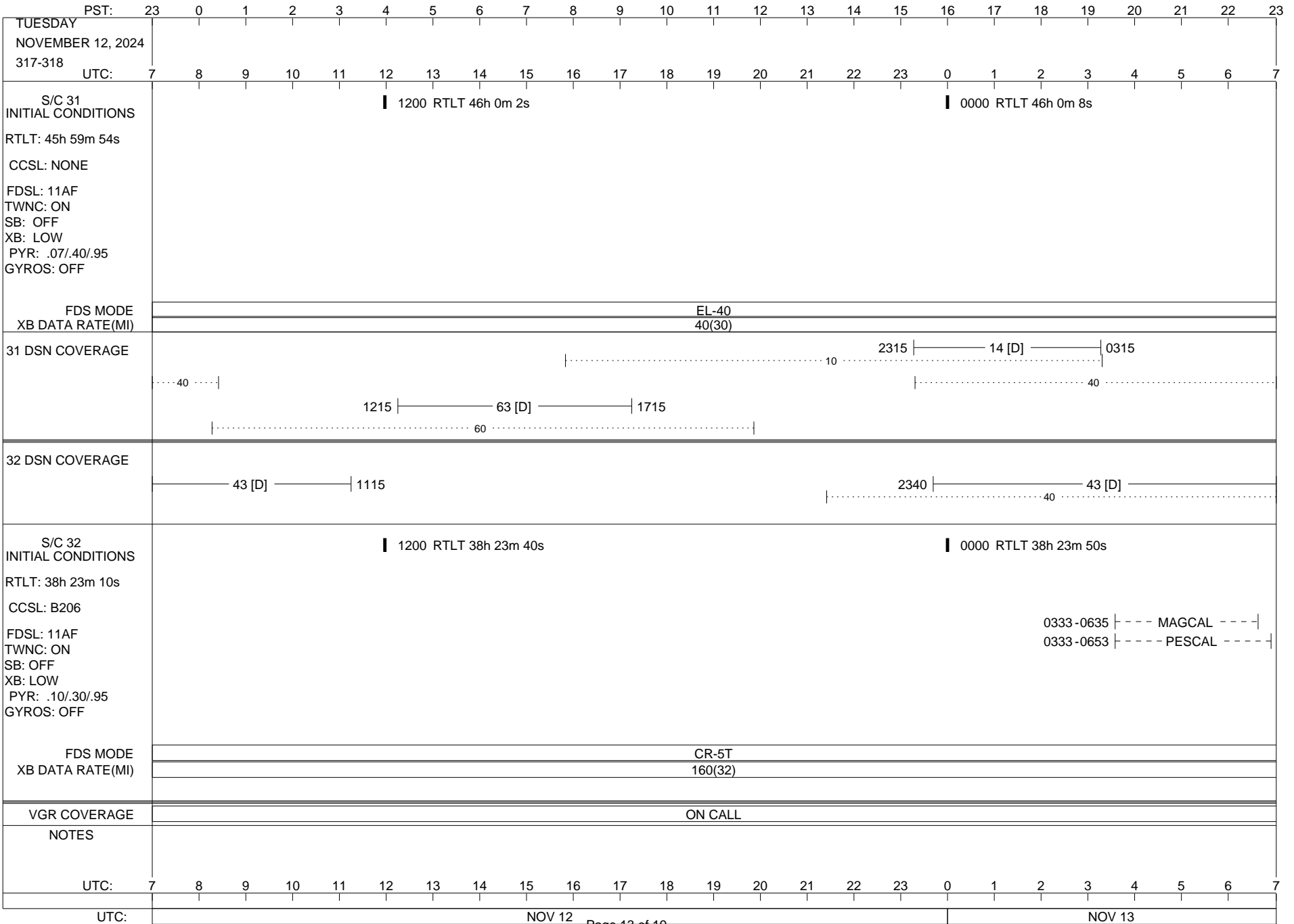
ISSUE DATE: 11/06/24 07:45

PST:	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
SUNDAY NOVEMBER 10, 2024 315-316	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 59m 20s CCSL: NONE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .07/.40/.95 GYROS: OFF	1200 RTLT 45h 59m 30s												0000 RTLT 45h 59m 38s												
FDS MODE XB DATA RATE(MI)	EL-40 40(30)																								
31 DSN COVERAGE	40 0900 ----- 63 [D] ----- 1955 ----- 60 -----											 10 2255 ----- 14 [D] ----- 0130 40												
32 DSN COVERAGE 40 2310 ----- 43 [D] ----- 40												
S/C 32 INITIAL CONDITIONS RTLT: 38h 22m 48s CCSL: B205 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.30/.95 GYROS: OFF	1200 RTLT 38h 23m 0s												0000 RTLT 38h 23m 10s												
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	7
UTC:	NOV 10												NOV 11												

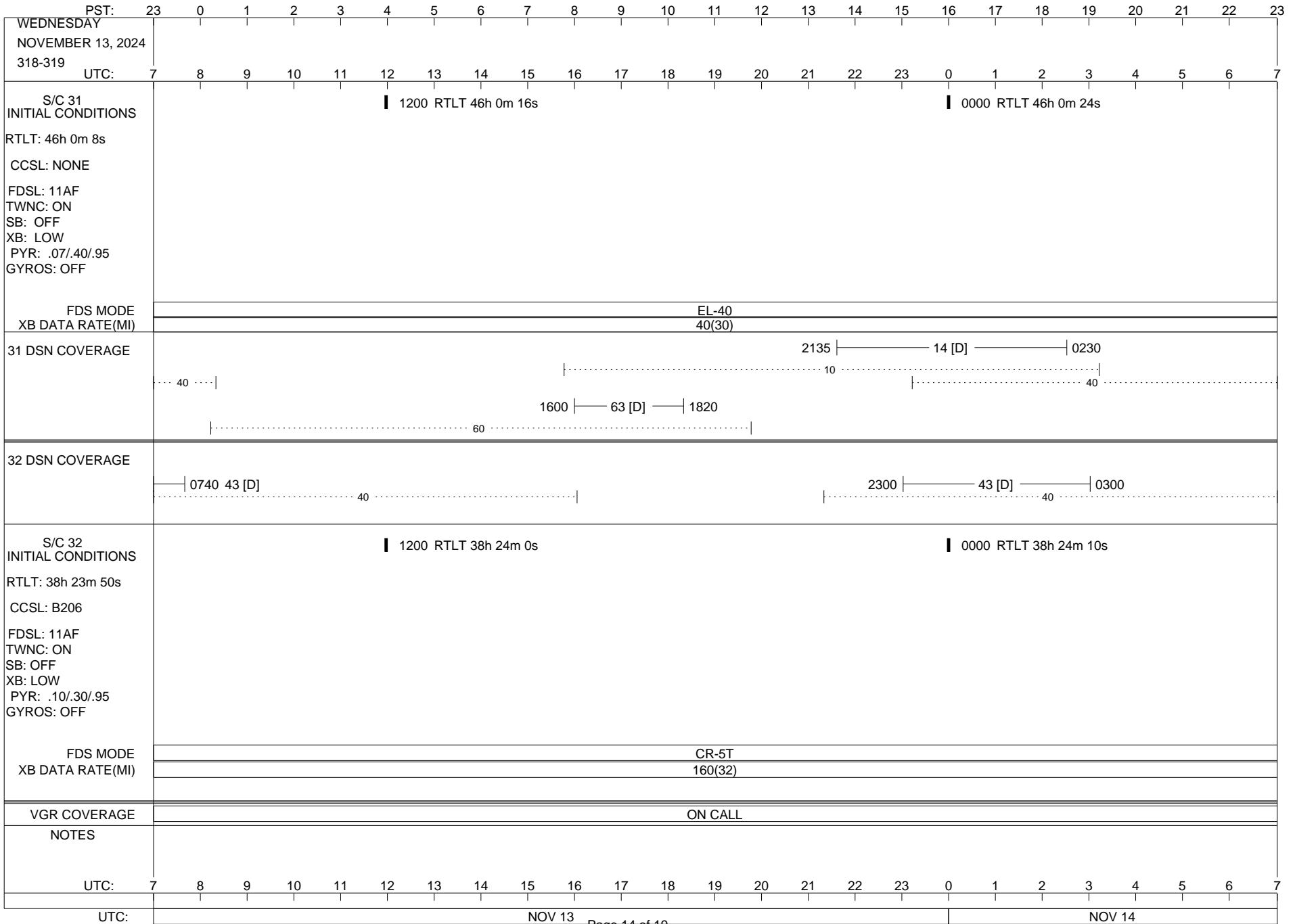
ISSUE DATE: 11/06/24 07:45



ISSUE DATE: 11/06/24 07:45



ISSUE DATE: 11/06/24 07:45



ISSUE DATE: 11/06/24 07:45

PST: 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

THURSDAY
NOVEMBER 14, 2024
319-320
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: 46h 0m 24s
CCSL: NONE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .07/.40/.95
GYROS: OFF

1200 RTLT 46h 0m 32s

0000 RTLT 46h 0m 40s

▼ 0025 CCS DIAG (22:26)

U/L 0050 | - | - - - - - TLC (SHORT-FORM) - - - - -

FDS MODE
XB DATA RATE(MI) EL-40
40(30)

31 DSN COVERAGE
40
2350 | 43 [HT] | 0420
1600 | 63 [D] | 1940
60

32 DSN COVERAGE
0950 | 43 [H1] | 1425
40
0520 | 43 [o] |
40

S/C 32
INITIAL CONDITIONS
RTLT: 38h 24m 10s
CCSL: B206
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .10/.30/.95
GYROS: OFF

1200 RTLT 38h 24m 20s

0000 RTLT 38h 24m 30s

▼ 1039 NDATA MRO (01:03)

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

VGR COVERAGE ON CALL VGR ON CALL VGR ON CALL

NOTES
[1] DSS-43 HPTXT DRV OFF <= 14:25

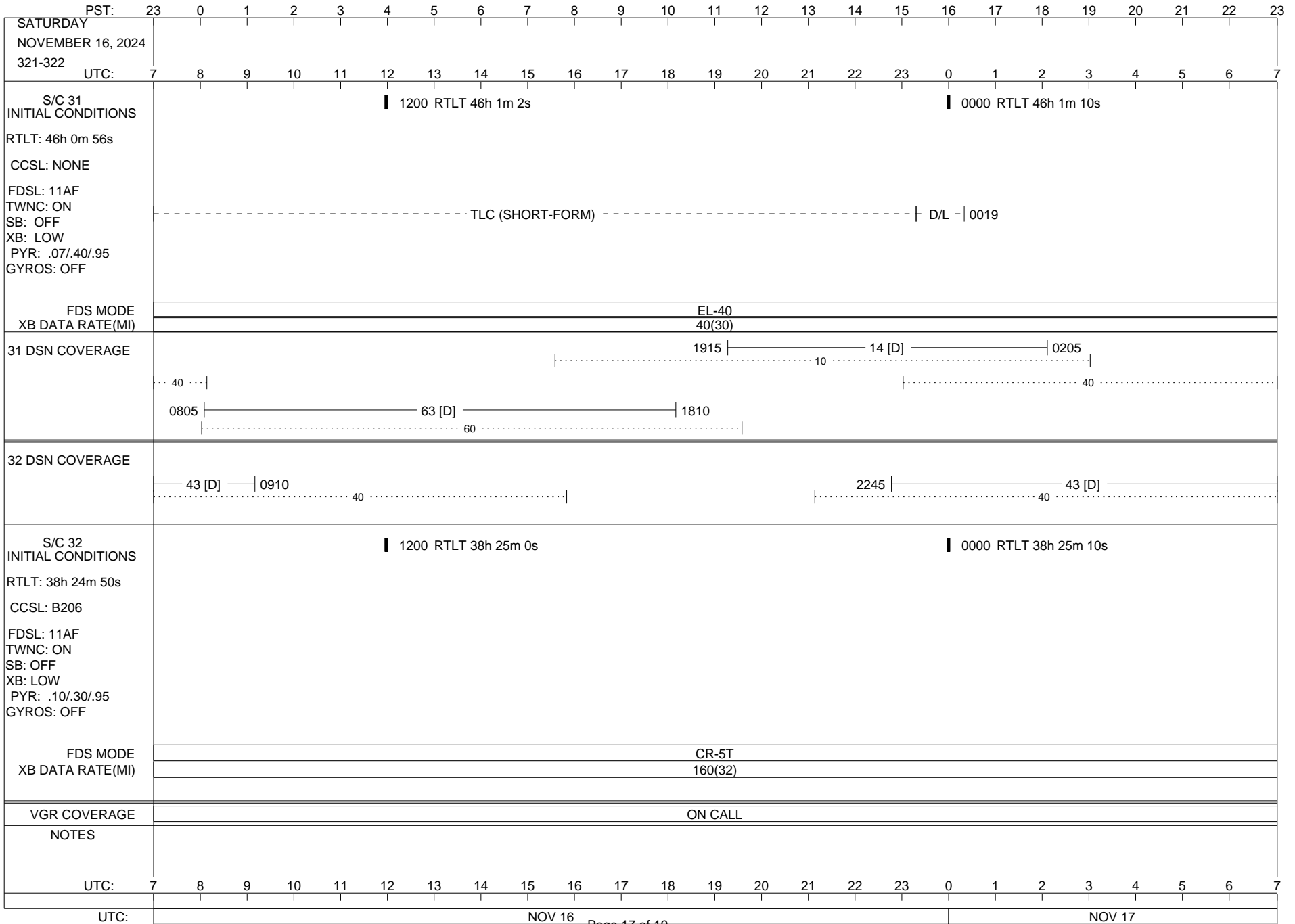
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UTC: NOV 14 NOV 15

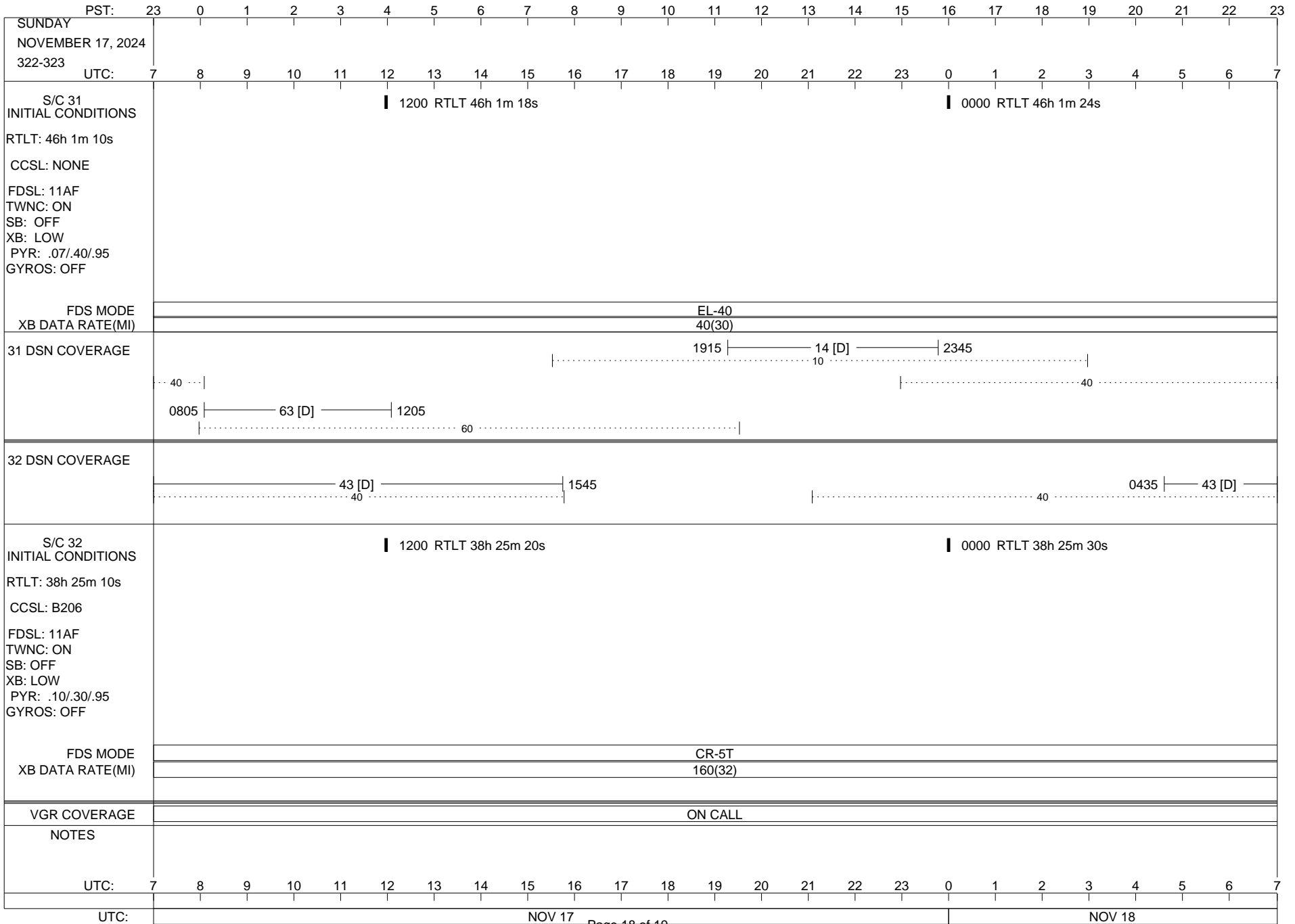
ISSUE DATE: 11/06/24 07:45

		PST:	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
FRIDAY NOVEMBER 15, 2024 320-321		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: 46h 0m 40s CCSL: NONE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .07/.40/.95 GYROS: OFF		1200 RTLT 46h 0m 48s												0000 RTLT 46h 0m 56s													
FDS MODE XB DATA RATE(MI)		EL-40 40(30)																									
31 DSN COVERAGE		-----40-----												-----40-----													
		-----40-----												-----40-----													
		-----40-----												-----40-----													
		-----40-----												-----40-----													
32 DSN COVERAGE		-----40-----												-----40-----													
		-----40-----												-----40-----													
S/C 32 INITIAL CONDITIONS RTLT: 38h 24m 30s CCSL: B206 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.30/.95 GYROS: OFF		1200 RTLT 38h 24m 40s												0000 RTLT 38h 24m 50s													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)												* 0104 0106 NDATA MRO													
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:		NOV 15												NOV 16													

ISSUE DATE: 11/06/24 07:45



ISSUE DATE: 11/06/24 07:45



ISSUE DATE: 11/06/24 07:45

