

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: November 27, 2024

For the Period: 11/28/24 to 12/16/24 (24/333 – 24/351)



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

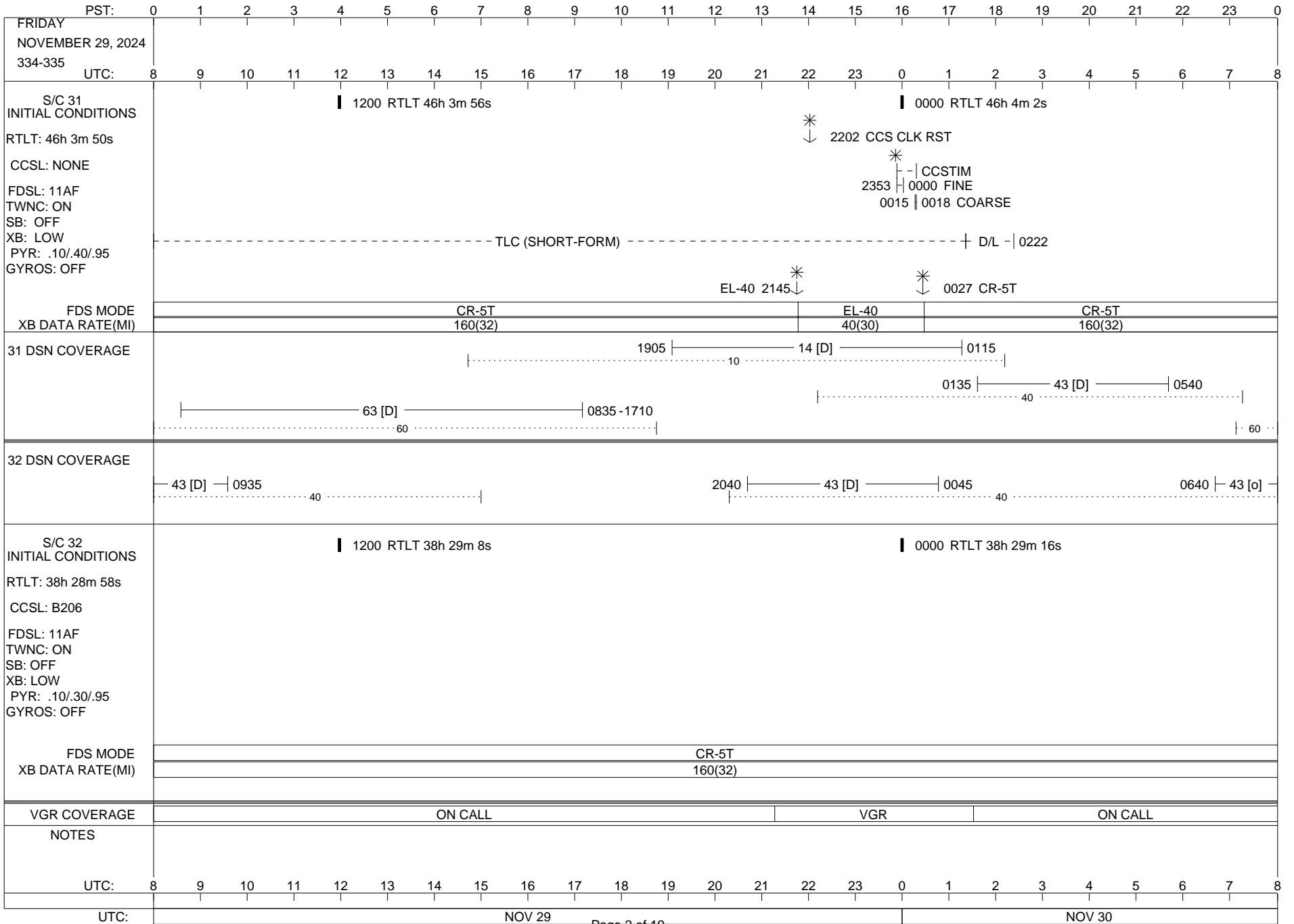
LEGEND:

- ▽ = 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

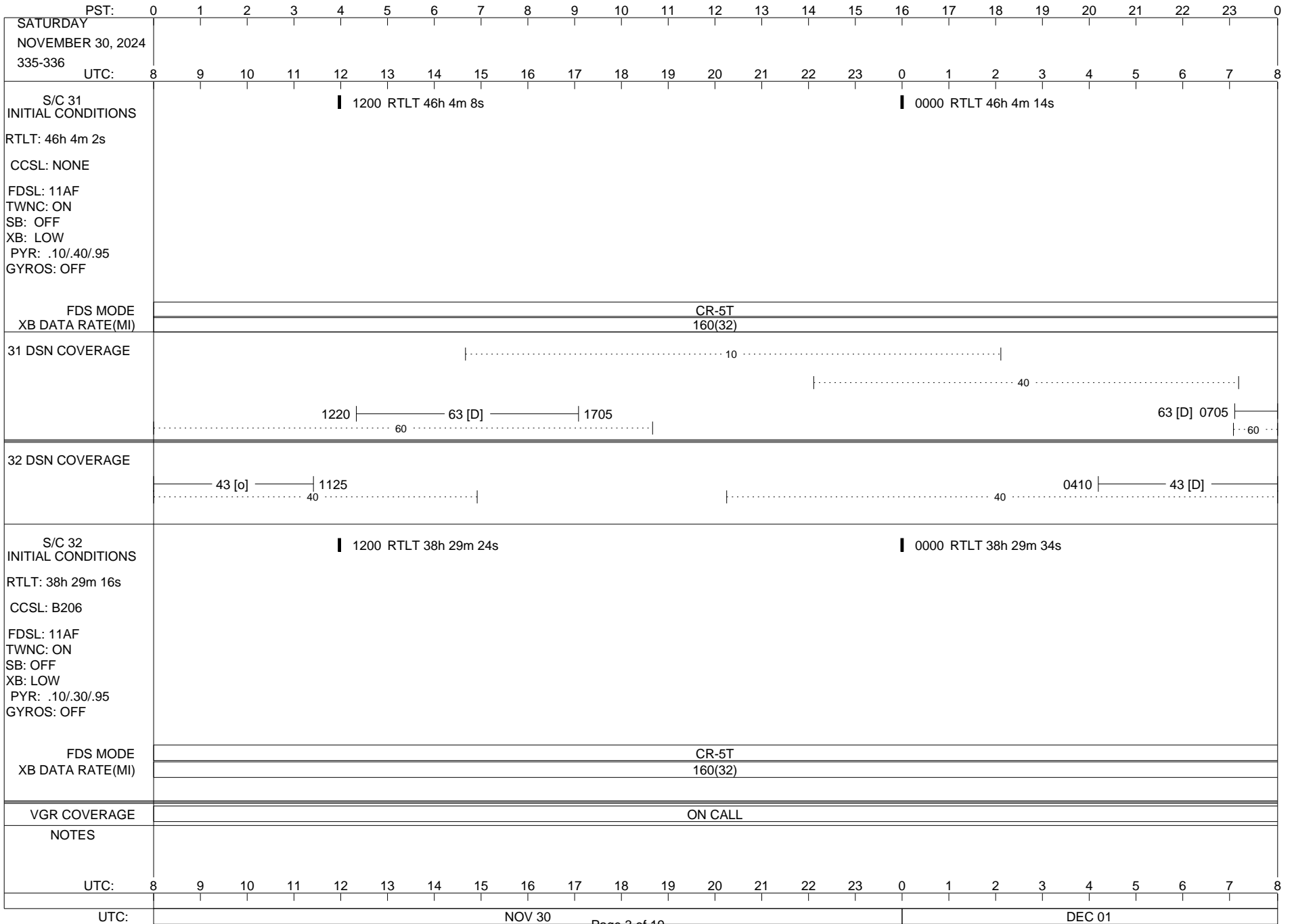
ISSUE DATE: 12/05/24 12:24

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 NOVEMBER 28, 2024 333-334	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 3m 38s CCSL: NONE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.40/.95 GYROS: OFF	1200 RTLT 46h 3m 44s												0000 RTLT 46h 3m 50s															
----- TLC (SHORT-FORM) -----																												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE	1700 ----- 14 [D] ----- 0210 ----- 10 ----- 40												1600 ----- 63 [D] ----- 1715 ----- 60 ----- 60															
32 DSN COVERAGE	43 [H1B] ----- 1000 ----- 40 -----												0105 ----- 43 [D] ----- ----- 40 -----															
S/C 32 INITIAL CONDITIONS RTLTL: 38h 28m 40s CCSL: B206 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.30/.95 GYROS: OFF	1200 RTLT 38h 28m 50s												0000 RTLT 38h 28m 58s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
VGR COVERAGE	ON CALL																											
NOTES	[1] DSS-43 HPTXR DRV OFF <= 13:40 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:	NOV 28														NOV 29													

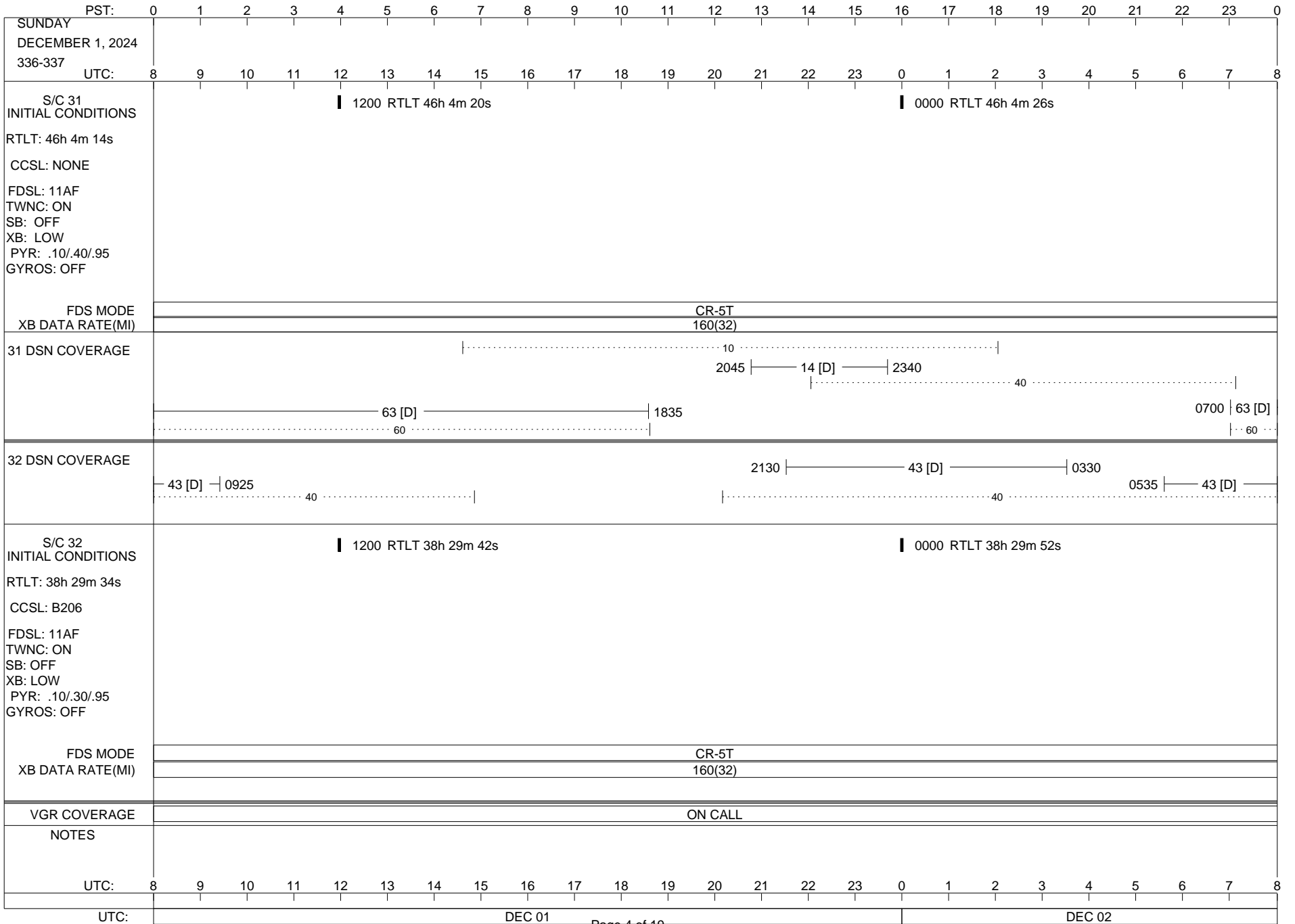
ISSUE DATE: 12/05/24 12:24



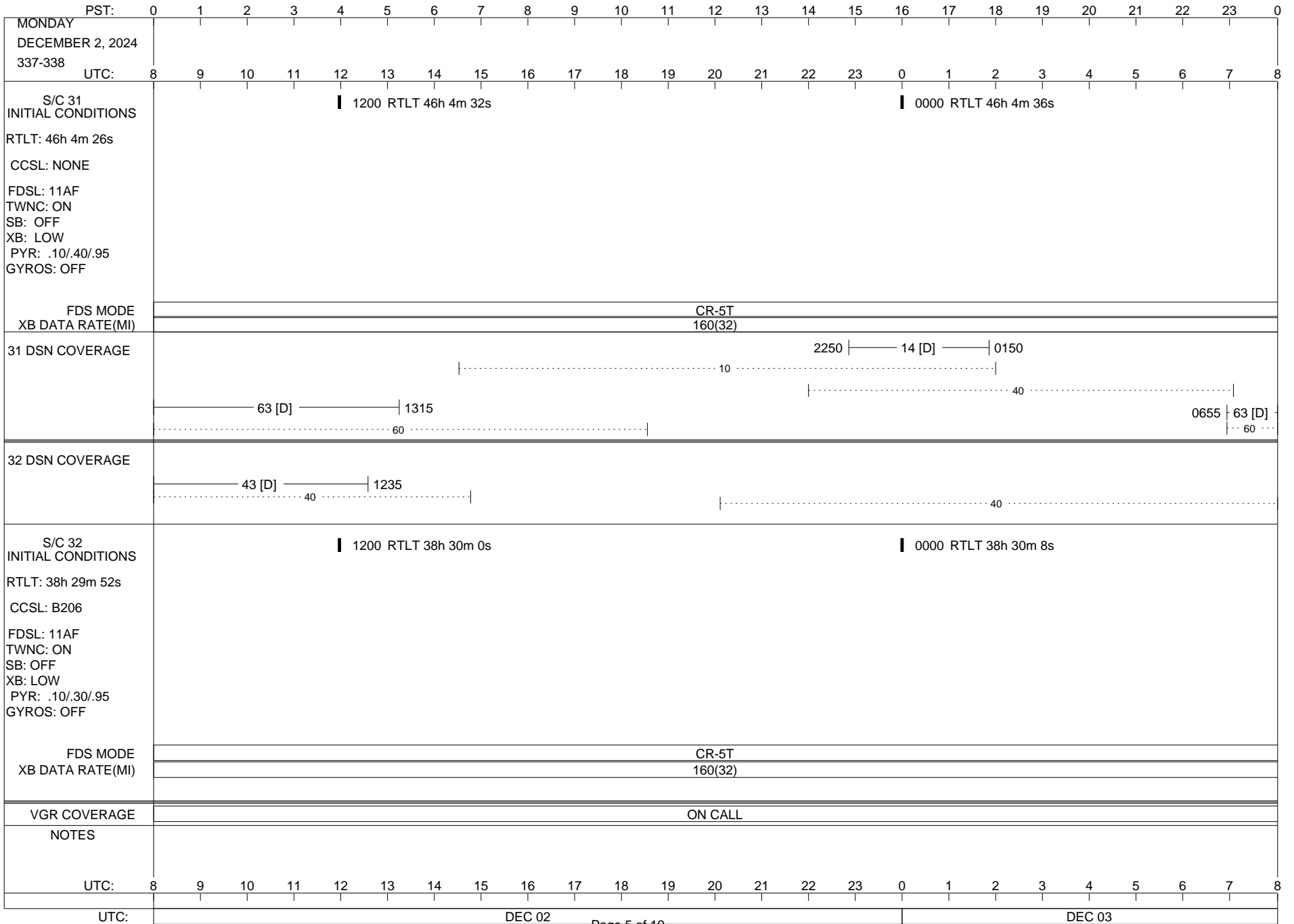
ISSUE DATE: 12/05/24 12:24



ISSUE DATE: 12/05/24 12:24



ISSUE DATE: 12/05/24 12:24



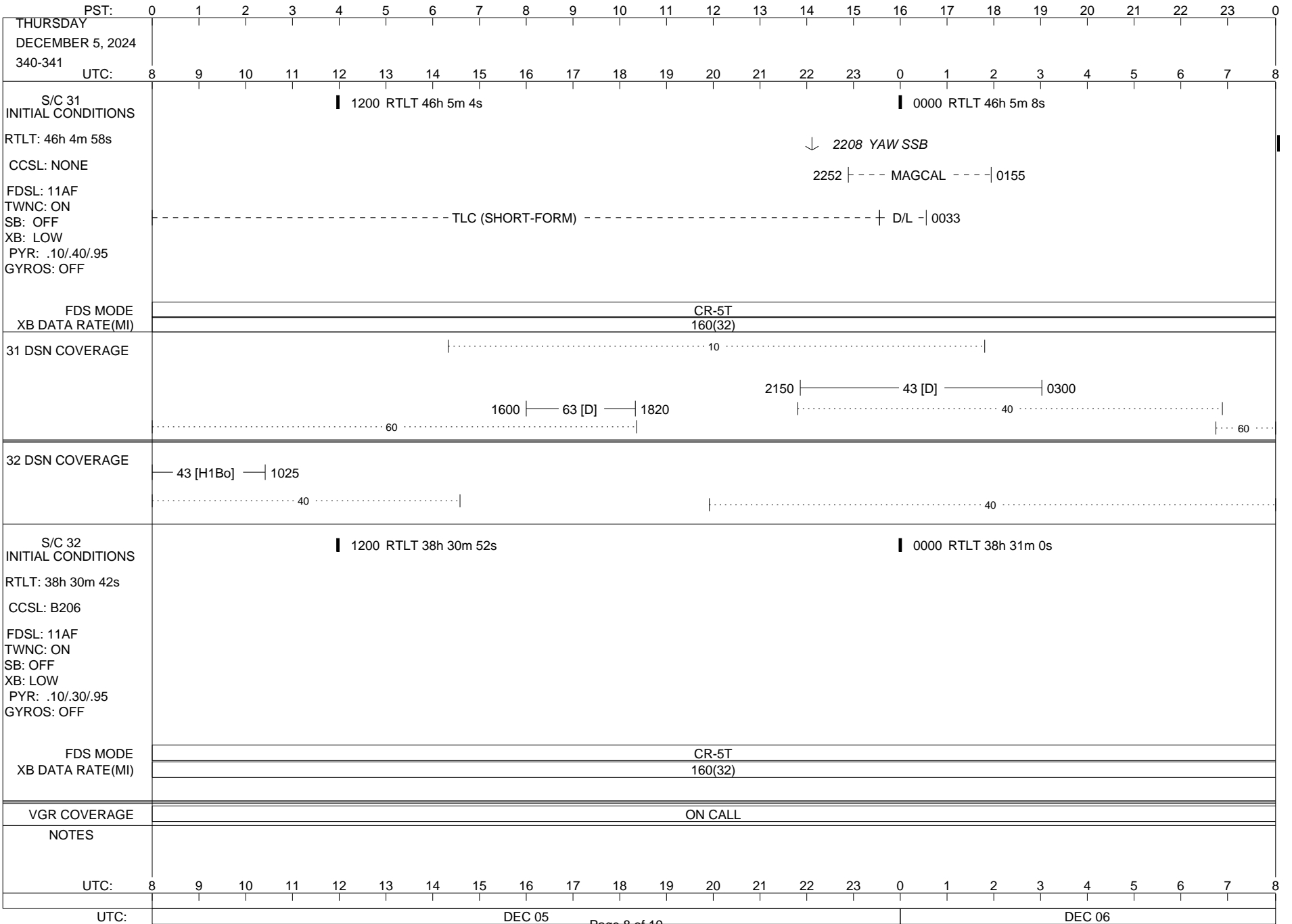
ISSUE DATE: 12/05/24 12:24

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TUESDAY DECEMBER 3, 2024 338-339	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 4m 36s CCSL: NONE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.40/.95 GYROS: OFF	█ 1200 RTLT 46h 4m 42s												█ 0000 RTLT 46h 4m 48s												
													▼ 0003 YAW SSB (22:07)												
													▼ 0034 MAGCAL (22:39)												
													U/L 0100 - - - - - - TLC (SHORT-FORM) - - - - -												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	63 [D] ————— 1315 60												2240 ——— 43 [HT] ——— 0215 40												
													0655 63 [D] 60												
32 DSN COVERAGE	0915 ——— 43 [D] ——— 1315 40												2000 43 [D] 2120 40												
S/C 32 INITIAL CONDITIONS RTLT: 38h 30m 8s CCSL: B206 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.30/.95 GYROS: OFF	█ 1200 RTLT 38h 30m 18s												█ 0000 RTLT 38h 30m 26s												
FDS MODE XB DATA RATE(MI)													CR-5T 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 03												DEC 04												

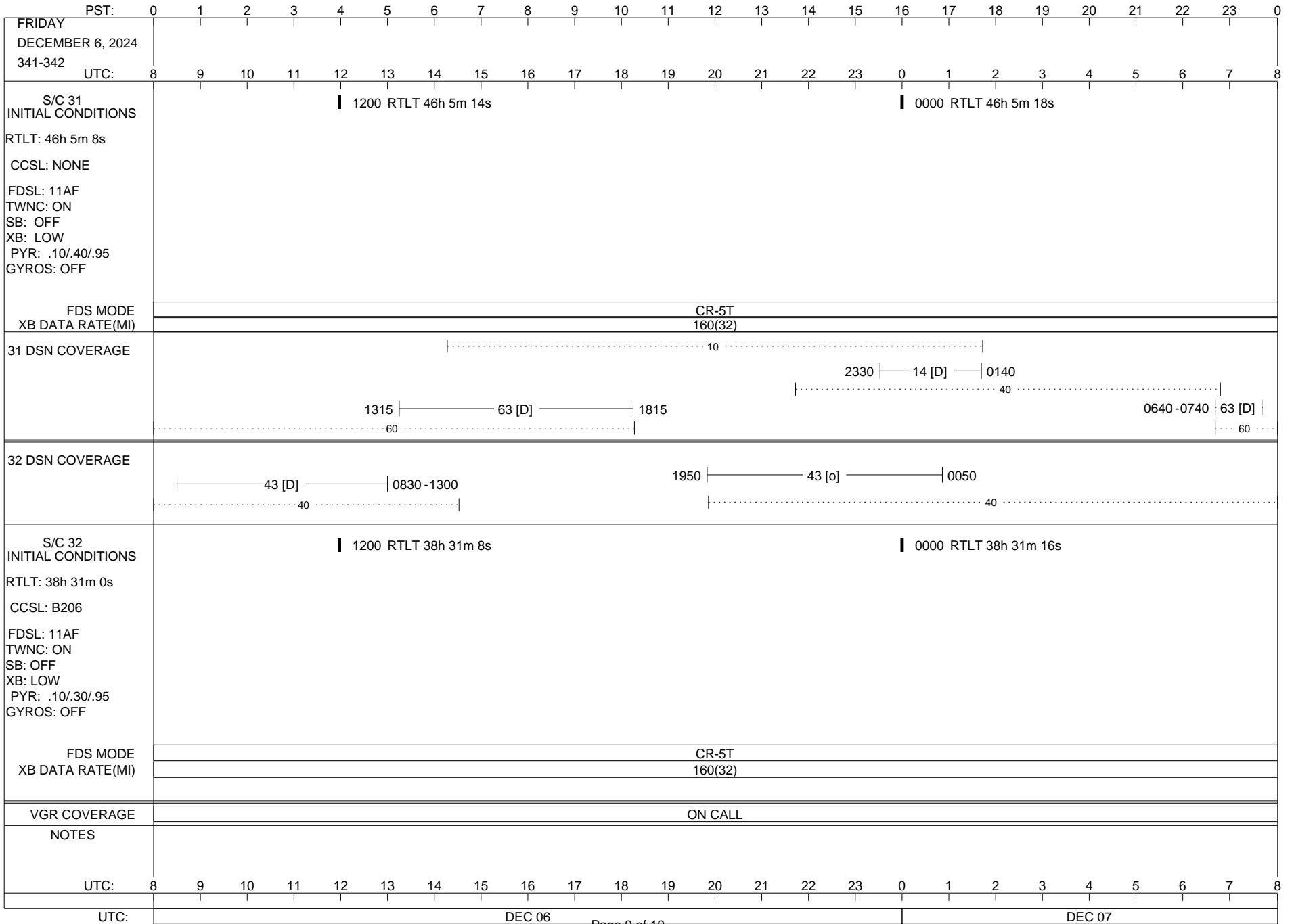
ISSUE DATE: 12/05/24 12:24

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 4, 2024 339-340																												
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 4m 48s CCSL: NONE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.40/.95 GYROS: OFF	█ 1200 RTLT 46h 4m 54s														█ 0000 RTLT 46h 4m 58s													
----- TLC (SHORT-FORM) -----																												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																											
31 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>1440 ----- 14 [D] ----- 1955</p> <p>63 [D] ----- 1315</p> </div> <div style="width: 45%;"> <p>2150 ----- 43 [D] ----- 0305</p> <p>60 ----- 60 ----- </p> </div> </div>																											
32 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>1000 ----- 43 [D] ----- 1440</p> <p>40 ----- 40 ----- </p> </div> <div style="width: 45%;"> <p>0420 ----- 43 [H1Bo] ----- </p> <p>40 ----- 40 ----- </p> </div> </div>																											
S/C 32 INITIAL CONDITIONS RTLT: 38h 30m 26s CCSL: B206 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.30/.95 GYROS: OFF	█ 1200 RTLT 38h 30m 34s														█ 0000 RTLT 38h 30m 42s													
DUMMY (5 MIN BRACKETED 20:08) 0537▼																												
FDS MODE XB DATA RATE(MI)	CR-5T 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 04														DEC 05													

ISSUE DATE: 12/05/24 12:24



ISSUE DATE: 12/05/24 12:24



ISSUE DATE: 12/05/24 12:24

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

SATURDAY
DECEMBER 7, 2024
342-343

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 5m 18s
CCSL: NONE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .10/.40/.95
GYROS: OFF

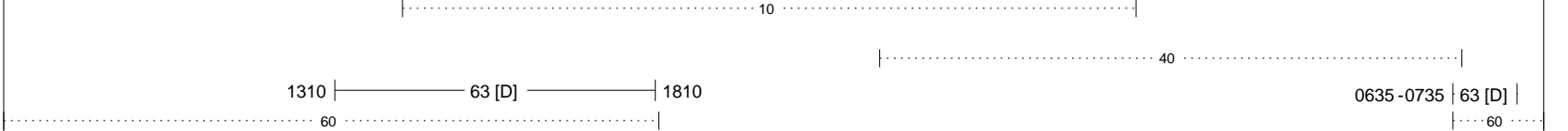
1200 RTLTL 46h 5m 24s

0000 RTLTL 46h 5m 28s

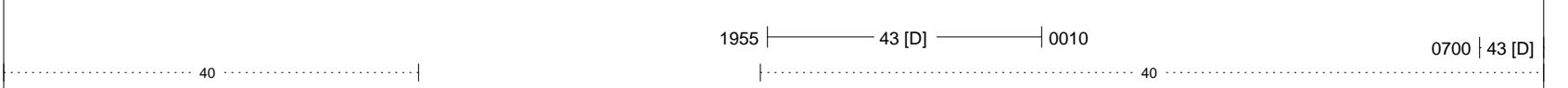
FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS
RTLTL: 38h 31m 16s
CCSL: B206
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .10/.30/.95
GYROS: OFF

1200 RTLTL 38h 31m 24s

0000 RTLTL 38h 31m 32s

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

VGR COVERAGE

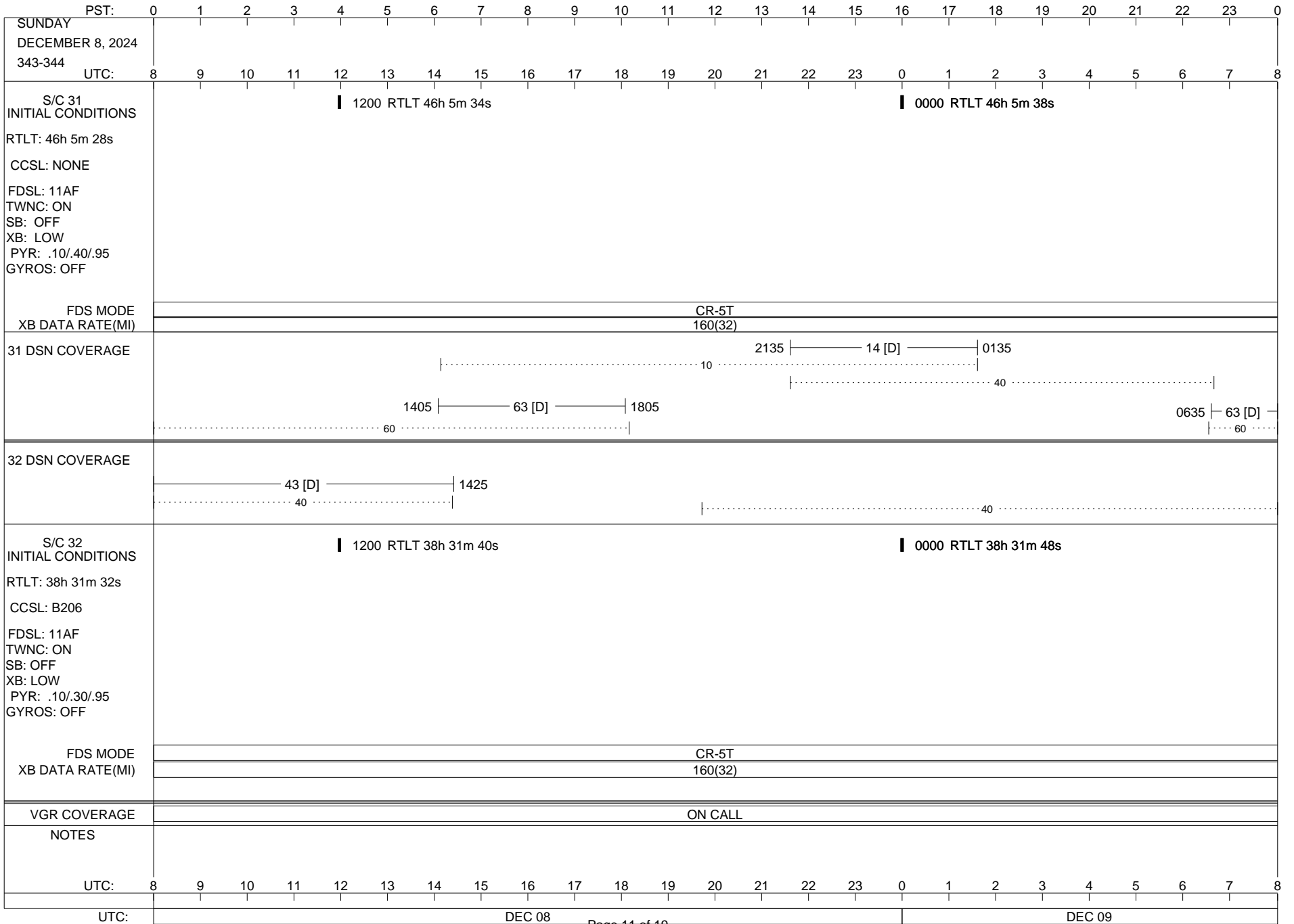
ON CALL

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 07 Page 10 of 19 DEC 08

ISSUE DATE: 12/05/24 12:24



ISSUE DATE: 12/05/24 12:24

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 9, 2024 344-345																										
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 5m 38s CCSL: NONE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.40/.95 GYROS: OFF	1200 RTLT 46h 5m 44s												0000 RTLT 46h 5m 48s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	1430 ----- 14 [D] ----- 1830 ----- 10 -----												----- 40 ----- 63 [D] ----- 1035 ----- 60 -----													
32 DSN COVERAGE	43 [D] ----- 0805-1350 ----- 40 -----												0355-0755 ----- 34 [DAR] ----- 0355-0755 ----- 43 [DA] ----- ----- 40 -----													
S/C 32 INITIAL CONDITIONS RTLTL: 38h 31m 48s CCSL: B206 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.30/.95 GYROS: OFF	1200 RTLT 38h 31m 56s												0000 RTLT 38h 32m 4s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
													EL-40 40(30)													
													CR-5T 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 09												DEC 10													

ISSUE DATE: 12/05/24 12:24

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	
TUESDAY DECEMBER 10, 2024 345-346																										
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 5m 48s 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 32m 4s 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: 12/05/24 12:24

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 11, 2024

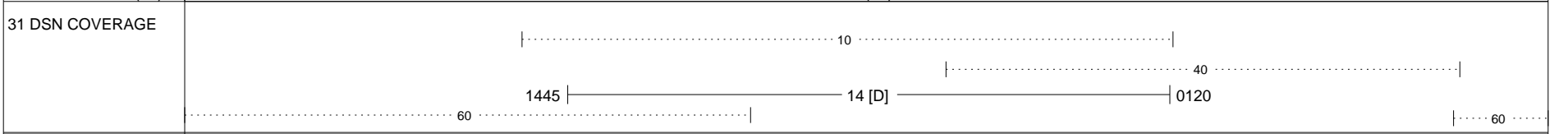
346-347 UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

S/C 31
INITIAL CONDITIONS
RTLT: 46h 5m 56s
CCSL: NONE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .10/.40/.95
GYROS: OFF

1200 RTLT 46h 6m 2s

0000 RTLT 46h 6m 6s

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



S/C 32
INITIAL CONDITIONS
RTLT: 38h 32m 20s
CCSL: B206
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .10/.30/.95
GYROS: OFF

1200 RTLT 38h 32m 28s

0000 RTLT 38h 32m 36s

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

VGR COVERAGE 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 11 Page 14 of 19 DEC 12

ISSUE DATE: 12/05/24 12:24

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 RTLT 46h 6m 10s

0000 RTLT 46h 6m 14s

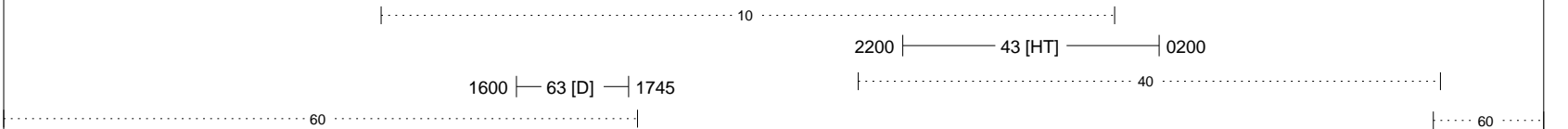
▼ 2320 CCS CLEANUP (21:26)

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

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



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 RTLT 38h 32m 44s

0000 RTLT 38h 32m 52s

DUMMY (5 MIN BRACKETED 22:10) 0737▼

FDS MODE
XB DATA RATE(MI)

CR-5T
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

UTC:

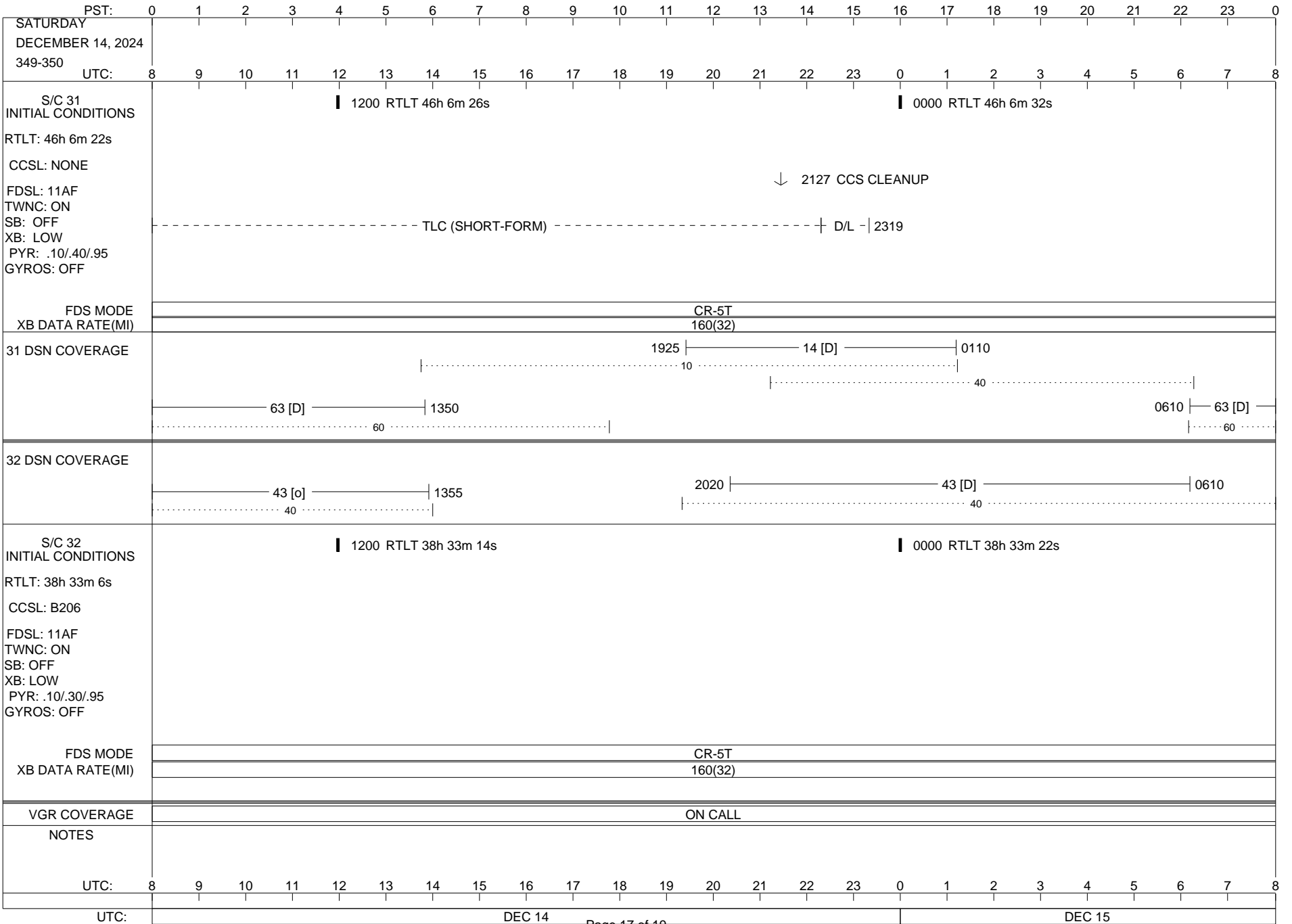
DEC 12

DEC 13

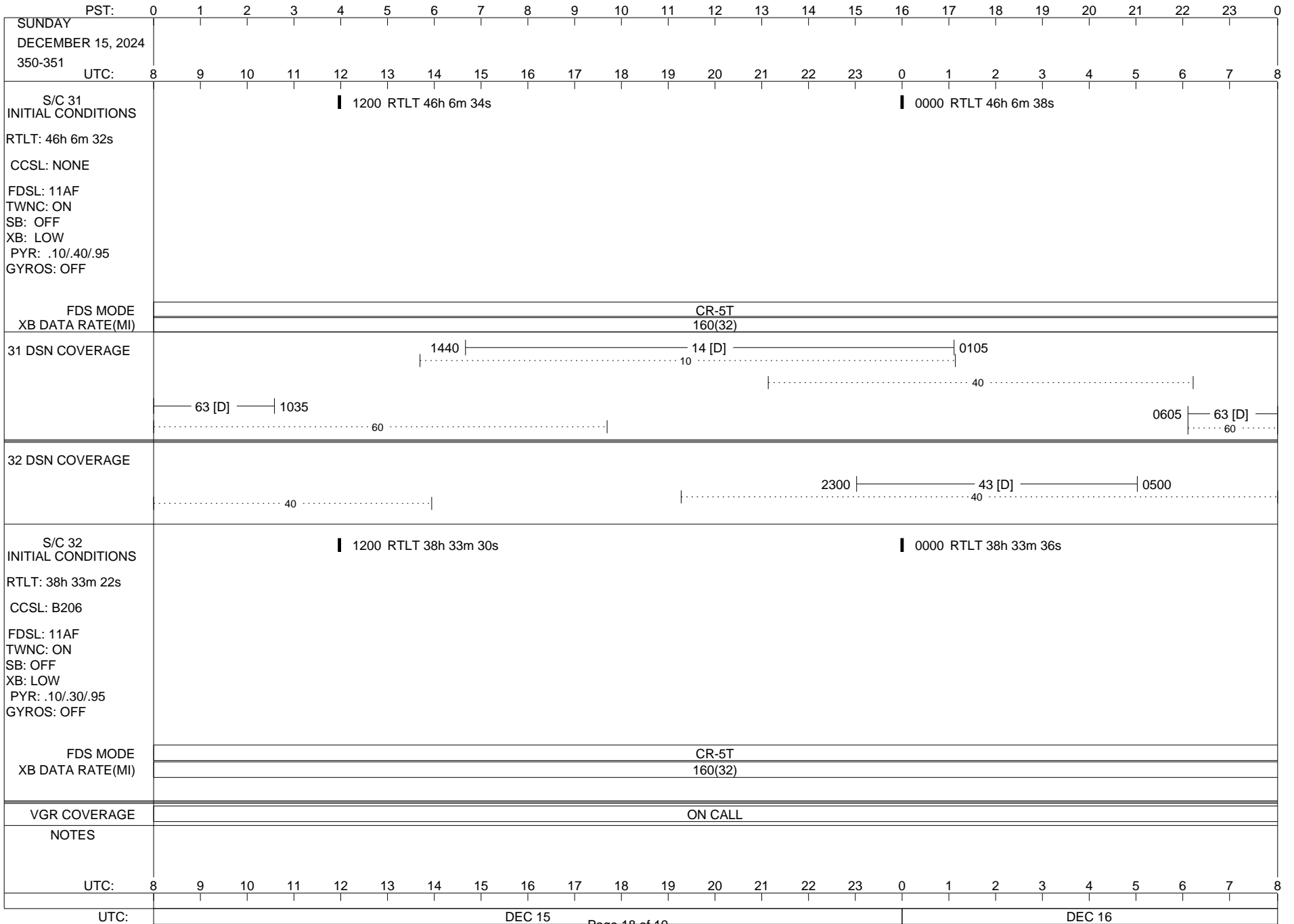
ISSUE DATE: 12/05/24 12:24

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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		█ 1200 RTLT 46h 6m 18s														█ 0000 RTLT 46h 6m 22s													
RTLT: 46h 6m 14s CCSL: NONE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.40/.95 GYROS: OFF		----- TLC (SHORT-FORM) -----																											
FDS MODE																												CR-5T	
XB DATA RATE(MI)																												160(32)	
31 DSN COVERAGE		<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <p>1255 ----- 63 [D] ----- 1725</p> <p>..... 60</p> </div> <div style="text-align: center;"> <p>2330 --- 14 [D] --- 0115</p> <p>..... 40</p> </div> <div style="text-align: center;"> <p>0615 --- 63 [D] --- </p> <p>..... 60</p> </div> </div>																											
32 DSN COVERAGE		<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <p>43 [H1] ----- 1235</p> <p>..... 40</p> </div> <div style="text-align: center;"> <p>0240 ----- 43 [D] ----- 0645</p> <p>..... 40</p> </div> <div style="text-align: center;"> <p>43 [o] 0750 </p> </div> </div>																											
S/C 32 INITIAL CONDITIONS		█ 1200 RTLT 38h 33m 0s														█ 0000 RTLT 38h 33m 6s													
RTLT: 38h 32m 52s CCSL: B206 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		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														DEC 14													

ISSUE DATE: 12/05/24 12:24



ISSUE DATE: 12/05/24 12:24



ISSUE DATE: 12/05/24 12:24

