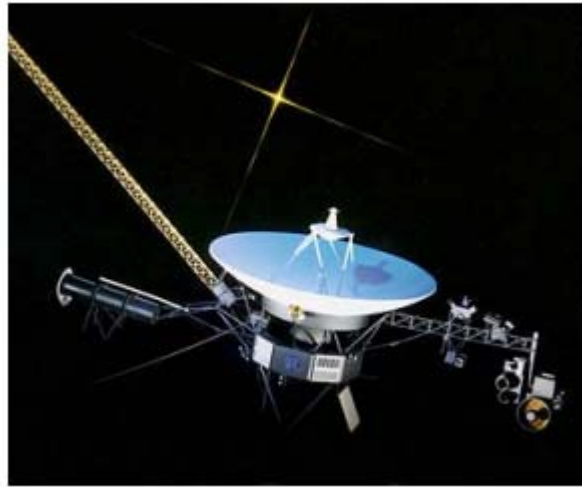


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: December 5, 2024

For the Period: 12/05/24 to 12/23/24 (24/340 – 24/358)

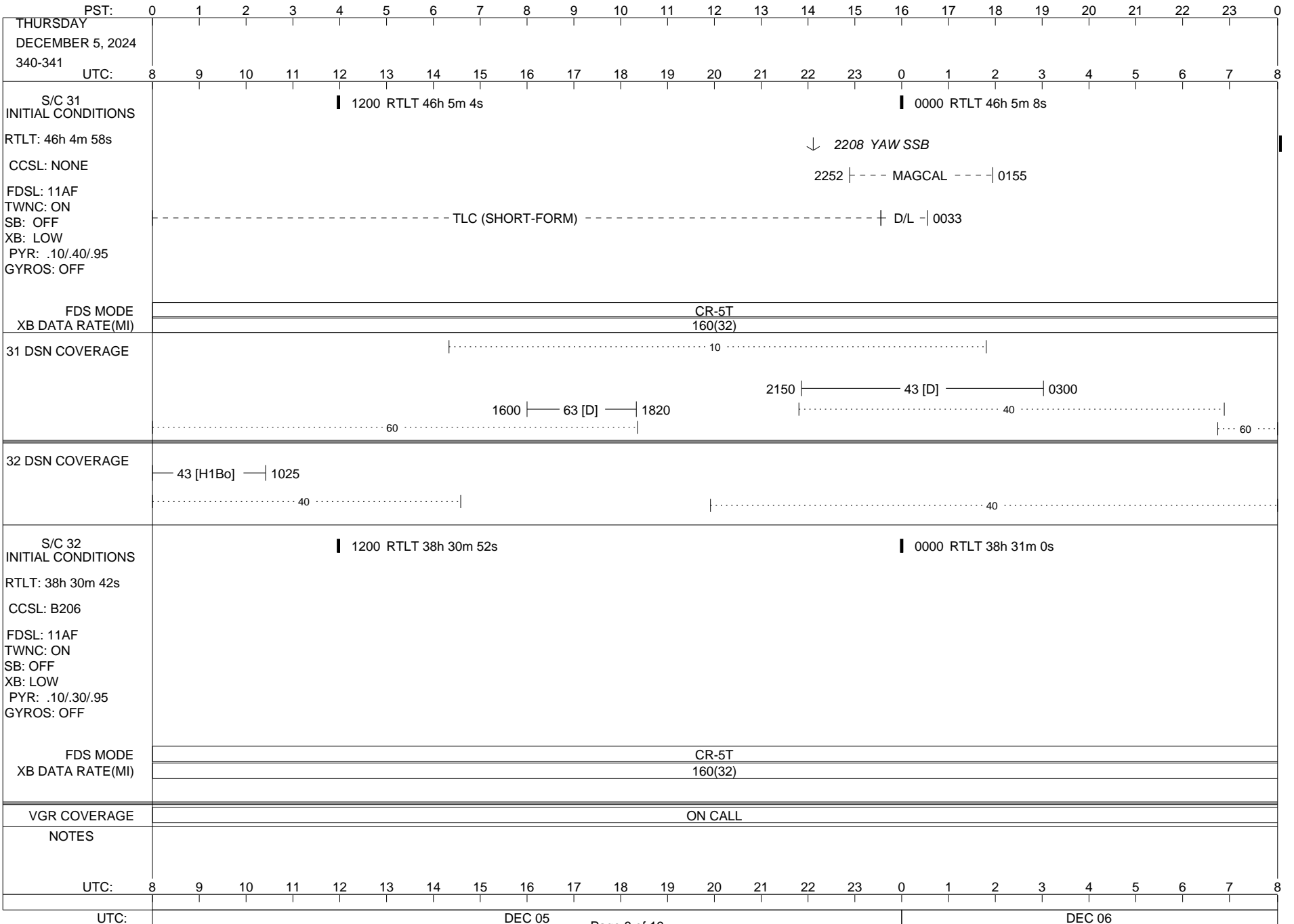


Posted at <https://voyager.jpl.nasa.gov/mission/status/>

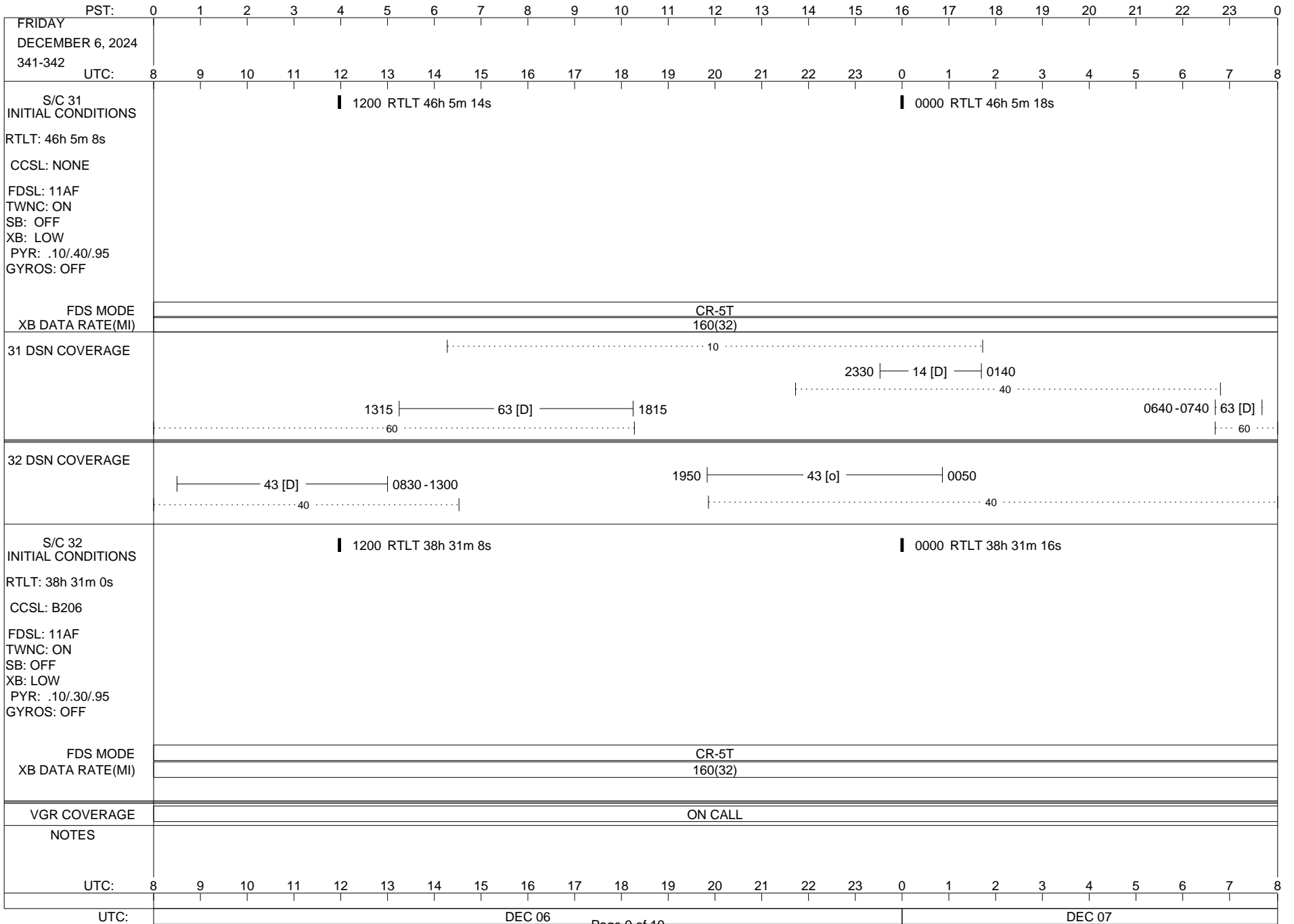
LEGEND:

- ▽ = 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



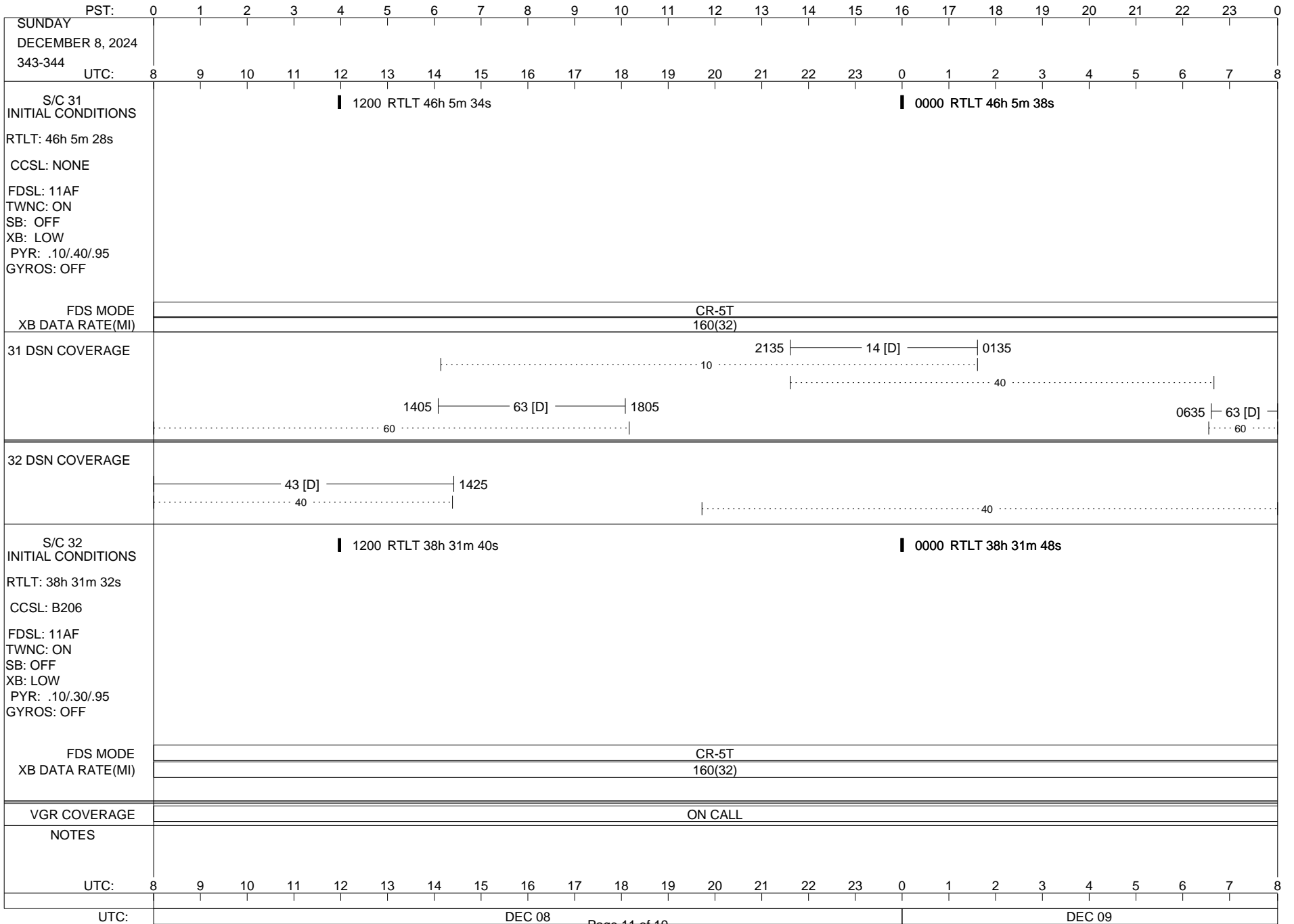
ISSUE DATE: 12/12/24 06:45



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
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													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	-----												-----												
	1310 ----- 63 [D] ----- 1810												----- 40 -----												
	60 -----												0635-0735 63 [D]												
	60 -----												----- 60 -----												
32 DSN COVERAGE	-----												-----												
	40 -----												1955 ----- 43 [D] ----- 0010												
	40 -----												----- 40 -----												
0700 43 [D]																									
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													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 07												DEC 08												

ISSUE DATE: 12/12/24 06:45



ISSUE DATE: 12/12/24 06:45

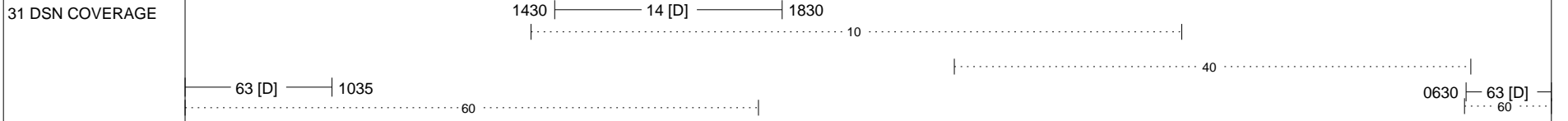
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UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8

MONDAY
 DECEMBER 9, 2024
 344-345

S/C 31
 INITIAL CONDITIONS
 RTLT: 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	CR-5T												
XB DATA RATE(MI)	160(32)												



S/C 32
 INITIAL CONDITIONS
 RTLT: 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	CR-5T													EL-40	
XB DATA RATE(MI)	160(32)													40(30)	
FDS MODE														CR-5T	
XB DATA RATE(MI)														160(32)	

PYR=.05/.05/.05 0436 ↓
 ASCAL 0440 | - | 0510
 PYR=.10/.30/.95 0512 ↓
 AAC SIN FCP SWAP TABLE NOP 0512 ↓
 1 SID MRO 0514 ↓
 0414 EL-40 ↓ ↓ EL-40 0517

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
------	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	---	---	---	---	---	---	---	---

ISSUE DATE: 12/12/24 06:45

TUESDAY 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

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

1200 RTLT 46h 5m 52s

0000 RTLT 46h 5m 56s

RTLT: 46h 5m 48s

CCSL: NONE

FDSL: 11AF

TWNC: ON

SB: OFF

XB: LOW

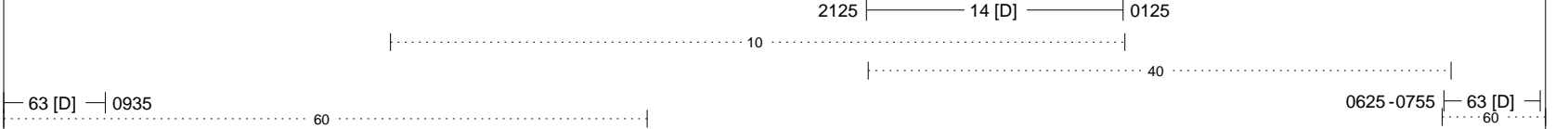
PYR: .10/.40/.95

GYROS: OFF

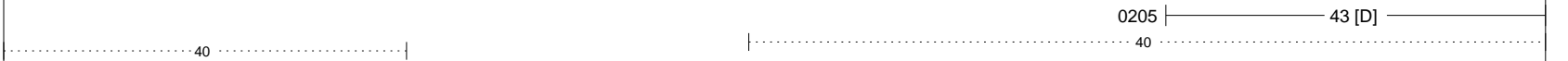
FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS

1200 RTLT 38h 32m 12s

0000 RTLT 38h 32m 20s

RTLT: 38h 32m 4s

CCSL: B206

FDSL: 11AF

TWNC: ON

SB: OFF

XB: LOW

PYR: .10/.30/.95

GYROS: OFF

0201 |--- MAGCAL ---| 0504

0201 |--- PESCAL ---| 0521

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 10 Page 13 of 19 DEC 11

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 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)													
31 DSN COVERAGE												 10 40 1445 ----- 14 [D] ----- 0120 60 60													
32 DSN COVERAGE	0825 43 [D] 40 40													
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													DEC 12												

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

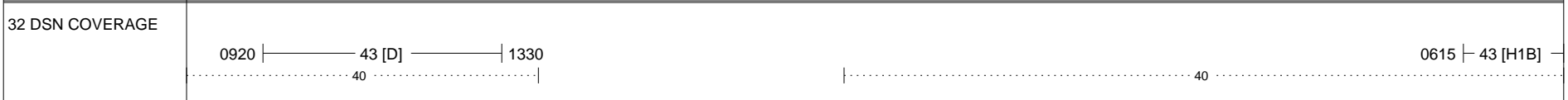
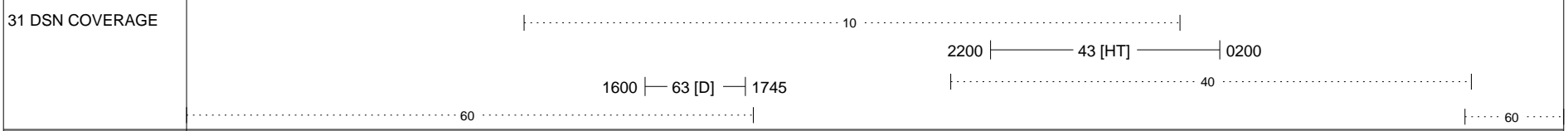
1200 RTLT 46h 6m 10s

0000 RTLT 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 RTLT 38h 32m 44s

0000 RTLT 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
--------------	---------	-----	---------	-----

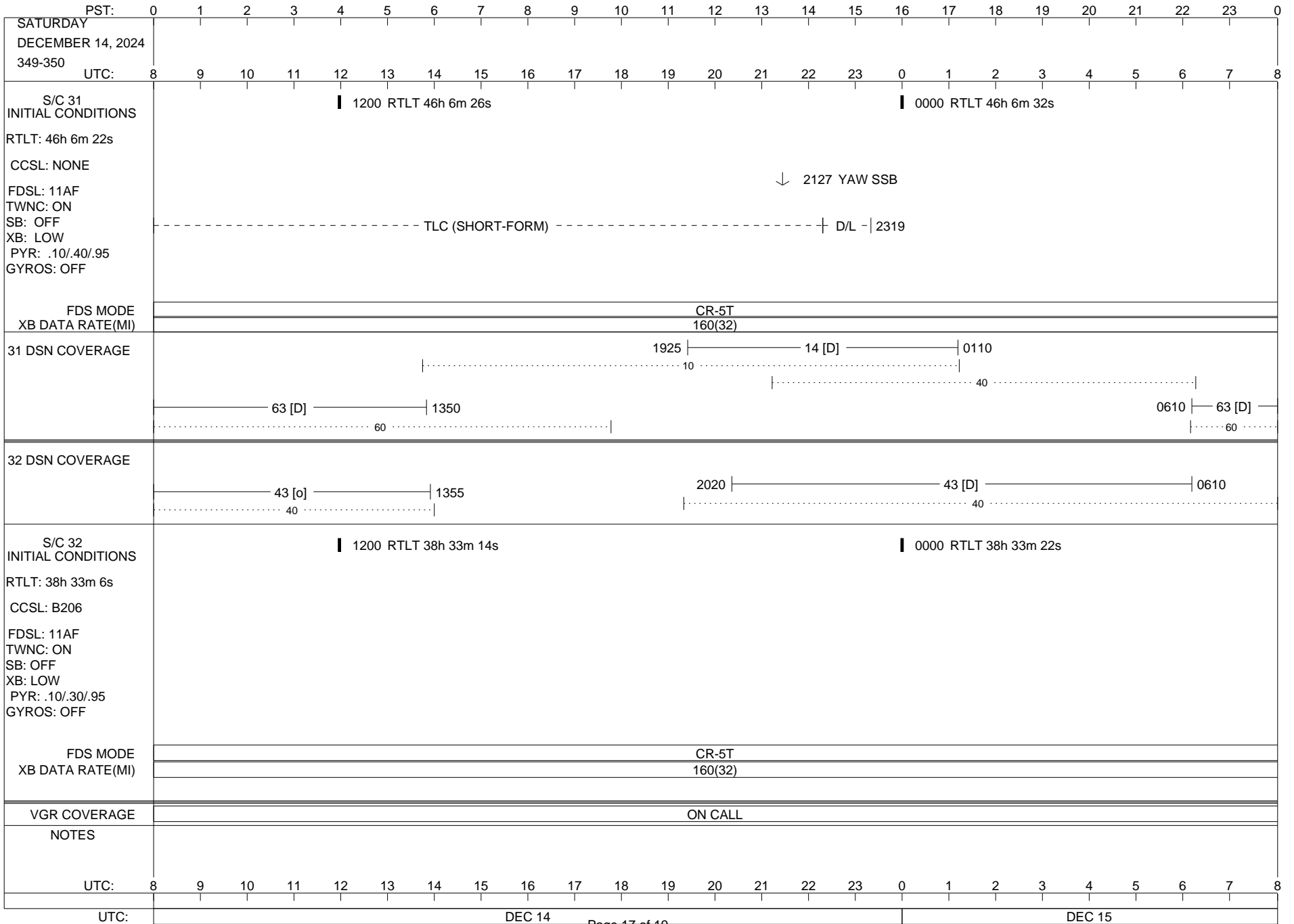
NOTES

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

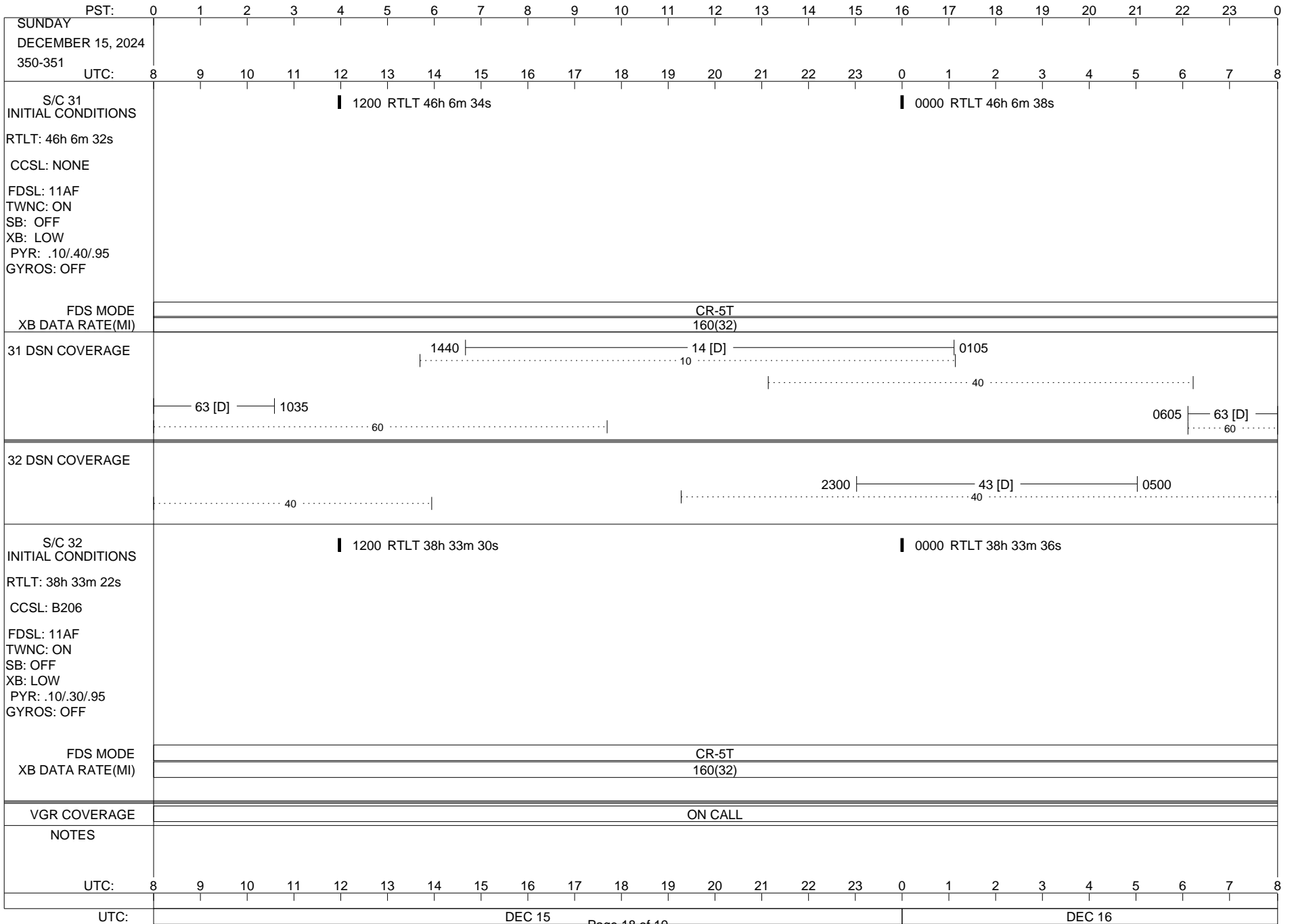
UTC: DEC 12 Page 15 of 19 DEC 13

ISSUE DATE: 12/12/24 06:45

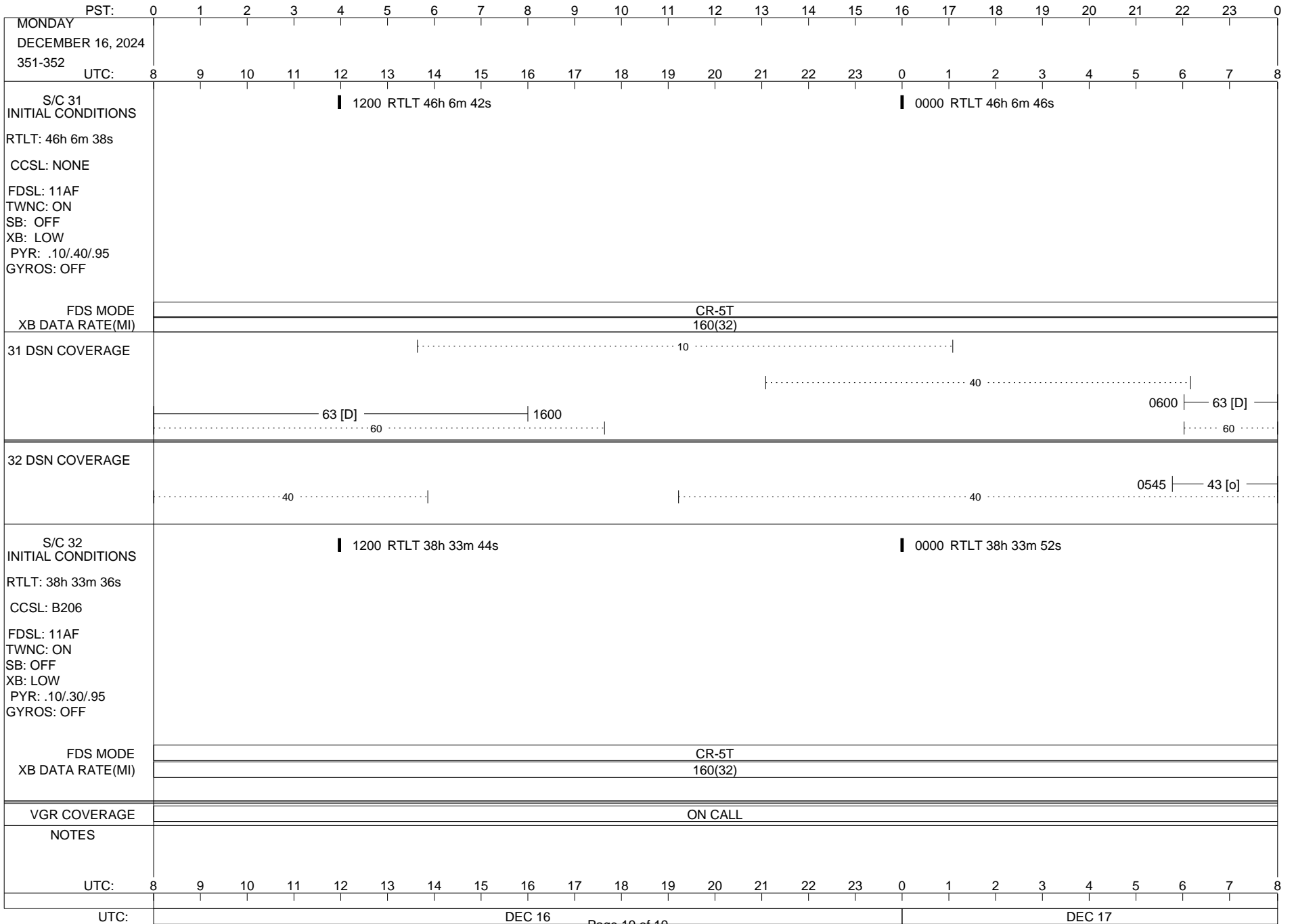
PST: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0	
FRIDAY DECEMBER 13, 2024 348-349	
UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8	
S/C 31 INITIAL CONDITIONS RTLT: 46h 6m 14s CCSL: NONE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.40/.95 GYROS: OFF	<div style="display: flex; justify-content: space-between;"> <div>1200 RTLT 46h 6m 18s</div> <div>0000 RTLT 46h 6m 22s</div> </div> <p style="text-align: center;">----- TLC (SHORT-FORM) -----</p> <hr/> <p style="text-align: center;">FDS MODE CR-5T XB DATA RATE(MI) 160(32)</p>
31 DSN COVERAGE	<p style="text-align: right;">2330 14 [D] 0115</p> <p style="text-align: center;">10..... </p> <p style="text-align: center;">40..... </p> <p style="text-align: center;">1255 63 [D] 1725</p> <p style="text-align: center;">60..... </p> <p style="text-align: right;">0615 63 [D] </p> <p style="text-align: right;">60..... </p>
32 DSN COVERAGE	<p style="text-align: center;">43 [H1B] 1235</p> <p style="text-align: center;">40..... </p> <p style="text-align: right;">0240 43 [D] 0645</p> <p style="text-align: right;">40..... </p> <p style="text-align: right;">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	<div style="display: flex; justify-content: space-between;"> <div>1200 RTLT 38h 33m 0s</div> <div>0000 RTLT 38h 33m 6s</div> </div> <hr/> <p style="text-align: center;">FDS MODE CR-5T XB DATA RATE(MI) 160(32)</p>
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	



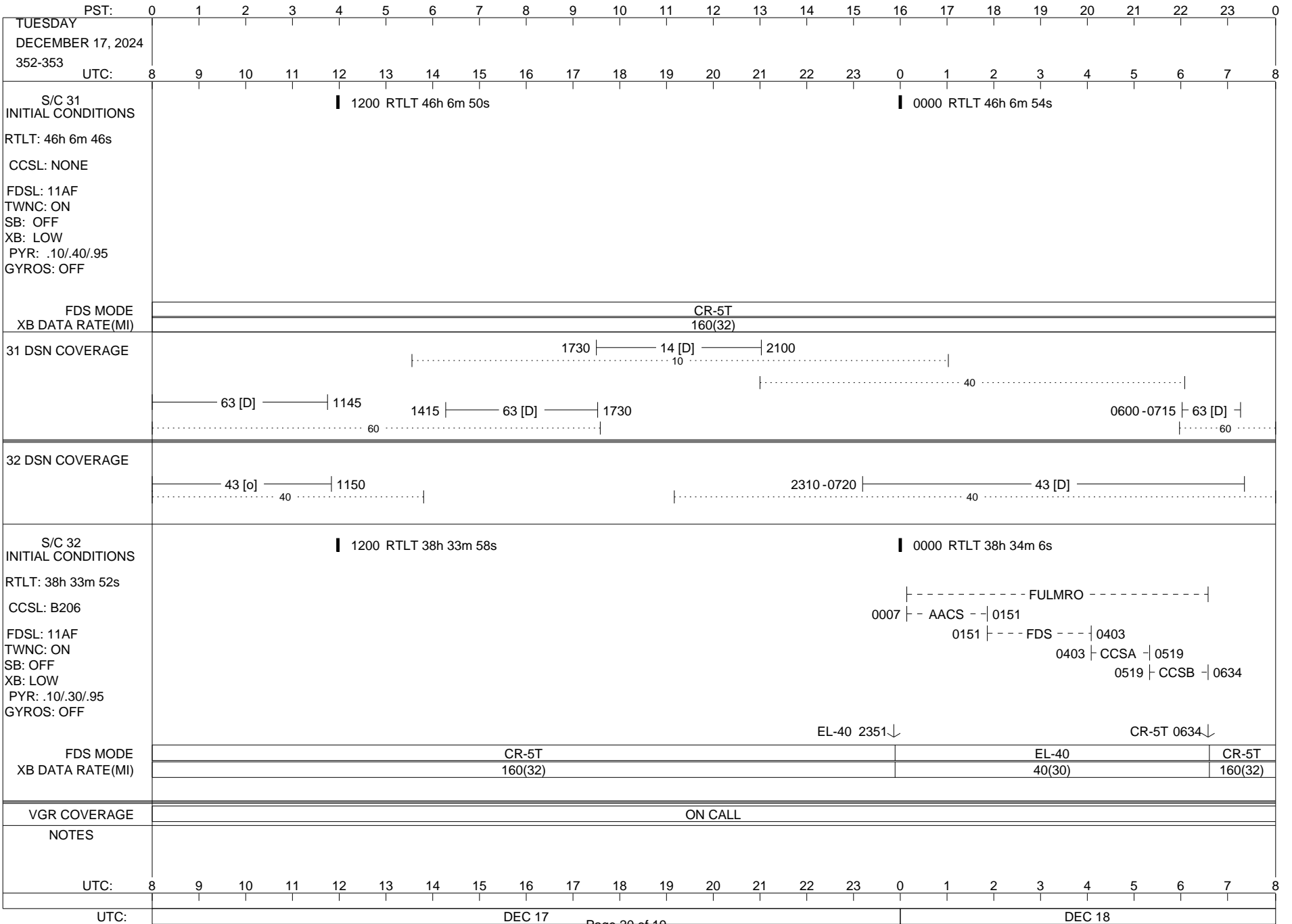
ISSUE DATE: 12/12/24 06:45



ISSUE DATE: 12/12/24 06:45



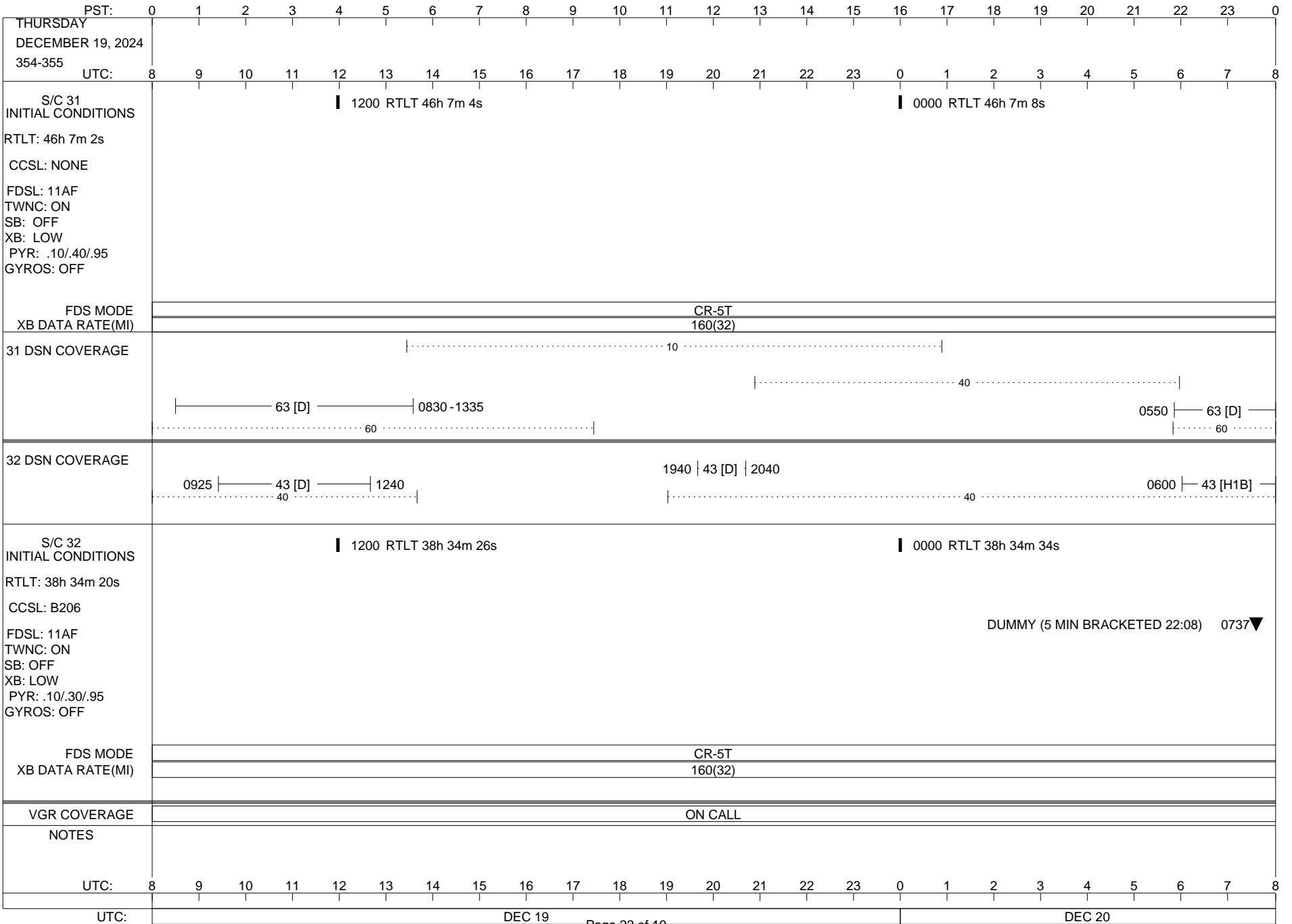
ISSUE DATE: 12/12/24 06:45



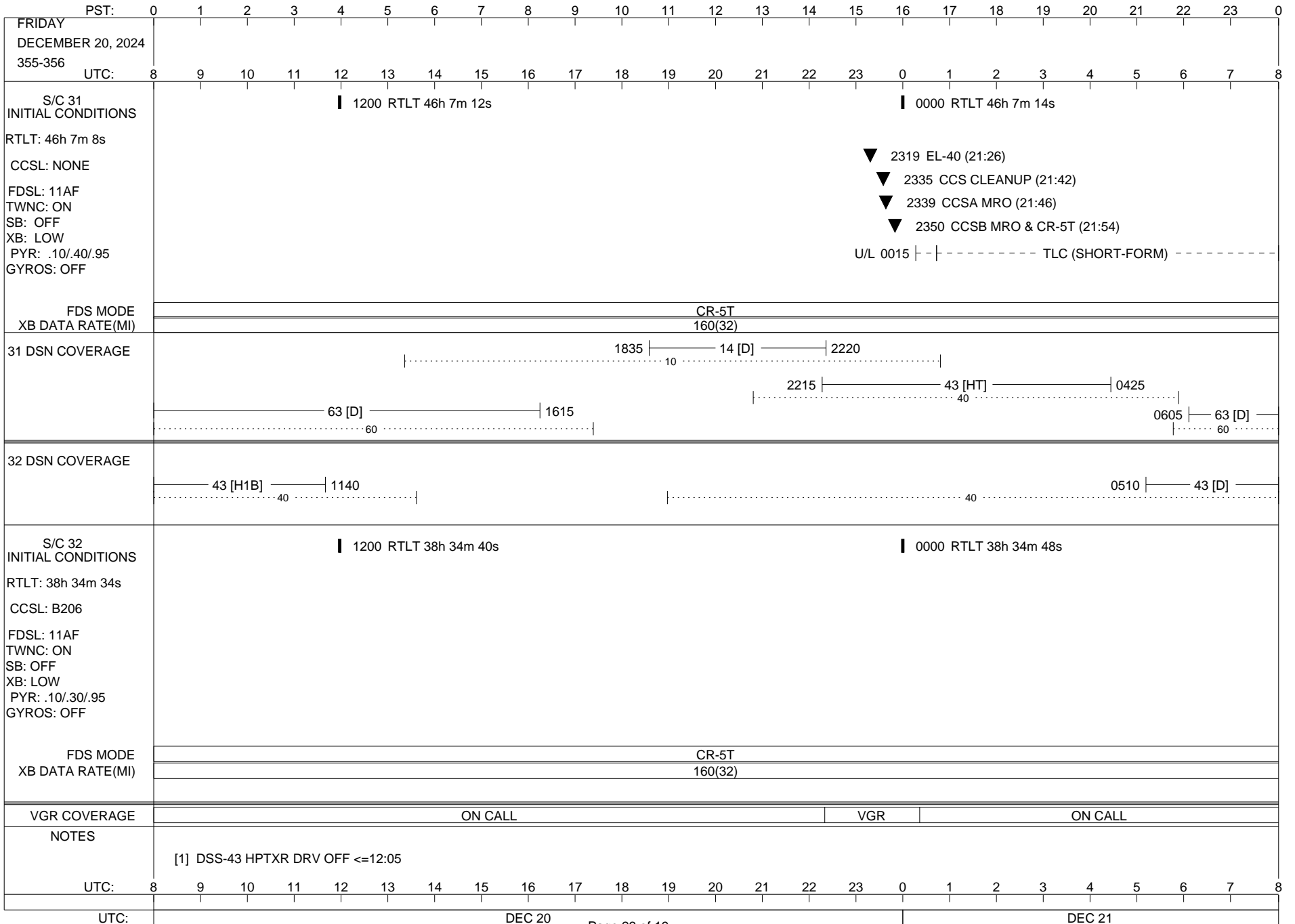
ISSUE DATE: 12/12/24 06:45

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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:	DEC 18													DEC 19												

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			
SATURDAY DECEMBER 21, 2024 356-357	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 7m 14s CCSL: NONE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.40/.95 GYROS: OFF	█ 1200 RTLT 46h 7m 18s												█ 0000 RTLT 46h 7m 22s															
----- TLC (SHORT-FORM) -----																												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE10.....											40.....															
	63 [D] 1535											60.....															
32 DSN COVERAGE	43 [D] 1245												1940 43 [D] 0640															
	40 												40 															
S/C 32 INITIAL CONDITIONS RTLT: 38h 34m 48s CCSL: B206 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.30/.95 GYROS: OFF	█ 1200 RTLT 38h 34m 54s												█ 0000 RTLT 38h 35m 0s															
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 21														DEC 22													

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
SUNDAY DECEMBER 22, 2024 357-358	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 7m 22s CCSL: NONE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.40/.95 GYROS: OFF	1200 RTLT 46h 7m 24s												0000 RTLT 46h 7m 28s												
FDS MODE	CR-5T												EL	CR-5T											
XB DATA RATE(MI)	160(32)												40	160(32)											
31 DSN COVERAGE	0945 ----- 63 [D] ----- 1345												1705 ----- 14 [D] ----- 2345												
32 DSN COVERAGE	0645 ----- 63 [D] -----												2245 ----- 43 [D] -----												
S/C 32 INITIAL CONDITIONS RTLT: 38h 35m 0s CCSL: B206 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.30/.95 GYROS: OFF	1200 RTLT 38h 35m 8s												0000 RTLT 38h 35m 14s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	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 22												DEC 23												

ISSUE DATE: 12/12/24 06:45

