

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: April 6, 2021

For the Period: 04/08/21 to 04/26/21 (21/098 – 21/116)



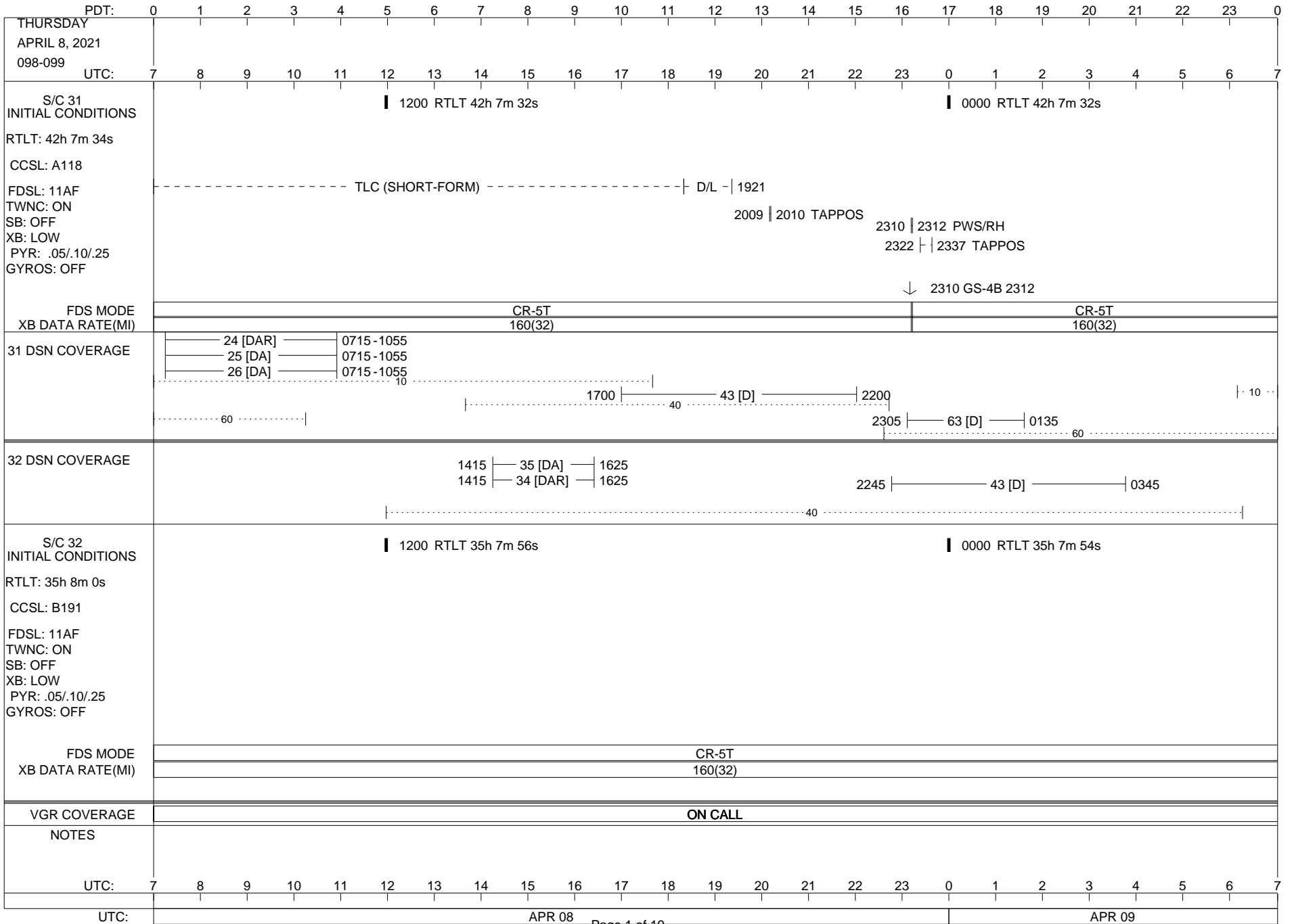
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

**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

02/27/19

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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
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

FRIDAY  
APRIL 9, 2021  
099-100

S/C 31  
INITIAL CONDITIONS  
RTLT: 42h 7m 32s  
CCSL: A118  
FDSL: 11AF  
TWNC: ON  
SB: OFF  
XB: LOW  
PYR: .05/.10/.25  
GYROS: OFF

1200 RTLT 42h 7m 30s  
0000 RTLT 42h 7m 30s

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

31 DSN COVERAGE

24 [DA]	0715-1115	10	40	2235	63 [D]	0400
25 [DAR]	0715-1115					
26 [DA]	0715-1115					

60 60

32 DSN COVERAGE

1155	43 [B]	1555	40
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S/C 32  
INITIAL CONDITIONS  
RTLT: 35h 7m 54s  
CCSL: B191  
FDSL: 11AF  
TWNC: ON  
SB: OFF  
XB: LOW  
PYR: .05/.10/.25  
GYROS: OFF

1200 RTLT 35h 7m 52s  
0000 RTLT 35h 7m 50s

▼ 1322 DUMMY (5 MIN BRACKETED 00:30)

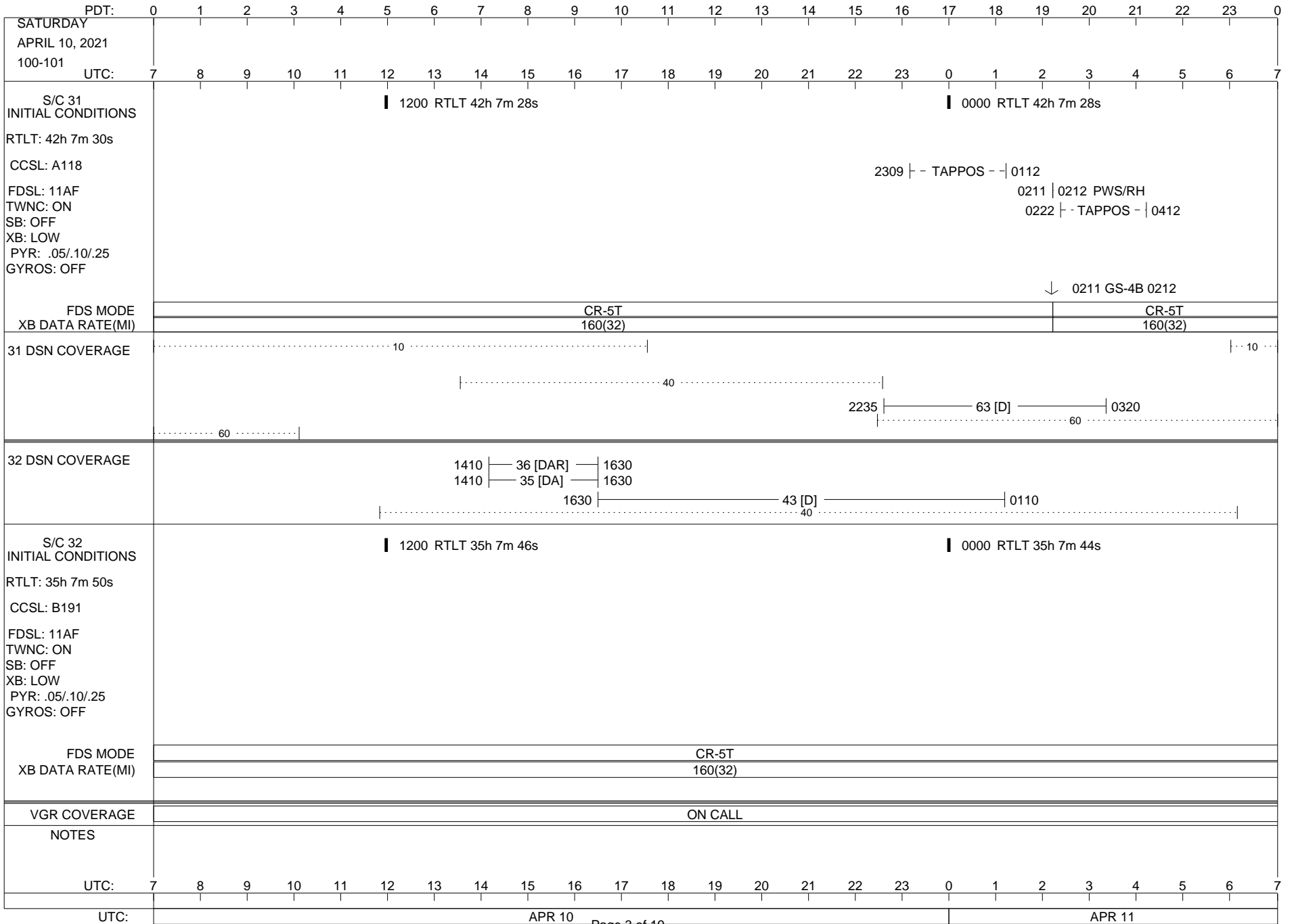
FDS MODE CR-5T  
XB DATA RATE(MI) 160(32)

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:	APR 09														APR 10										

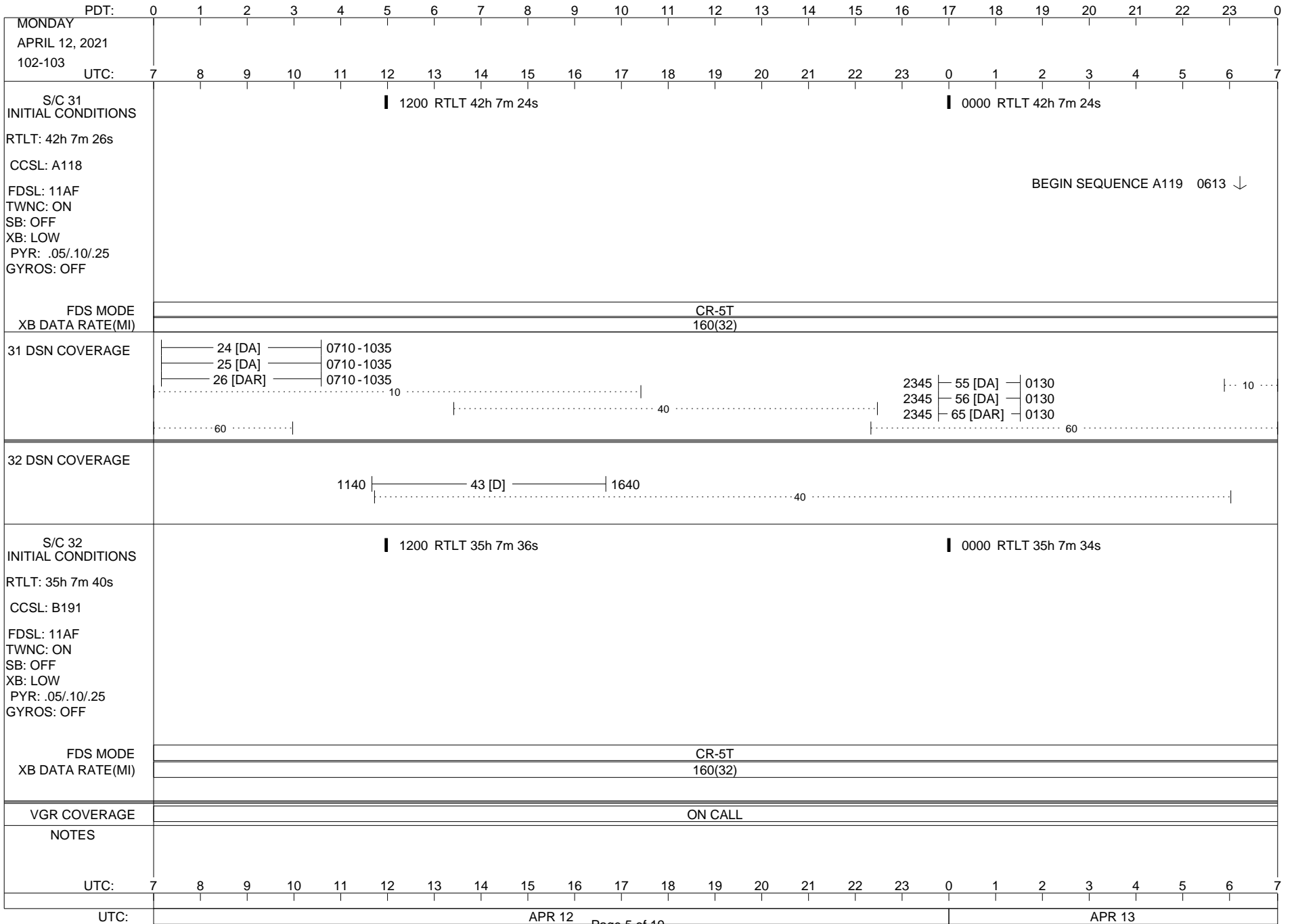
ISSUE DATE: 04/06/21 10:44



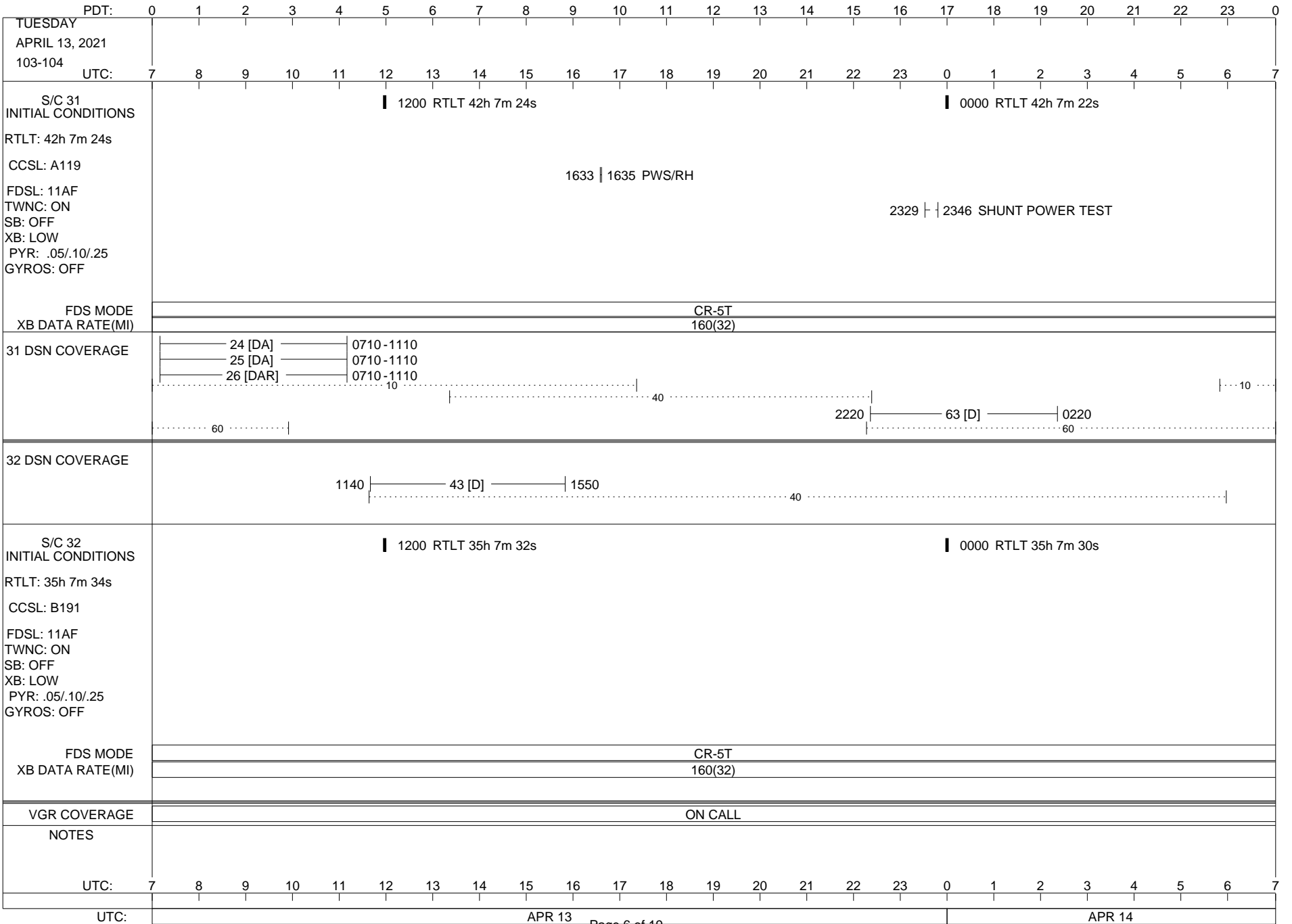
ISSUE DATE: 04/06/21 10:44

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	
SUNDAY APRIL 11, 2021 101-102	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: 42h 7m 28s CCSL: A118 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 7m 26s												0000 RTLT 42h 7m 26s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	..... 10 .....												..... 40 .....													
	..... 60 .....												2225  ----- 63 [D] -----  0225 ..... 10 .....													
													..... 60 .....													
32 DSN COVERAGE	1145  ----- 43 [D] -----  1710												..... 40 .....													
S/C 32 INITIAL CONDITIONS RTLTL: 35h 7m 44s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 7m 42s												0000 RTLT 35h 7m 40s													
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:	APR 11													APR 12												

ISSUE DATE: 04/06/21 10:44



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ISSUE DATE: 04/06/21 10:44

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

WEDNESDAY  
APRIL 14, 2021  
104-105  
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: 42h 7m 22s  
CCSL: A119  
FDSL: 11AF  
TWNC: ON  
SB: OFF  
XB: LOW  
PYR: .05/.10/.25  
GYROS: OFF

1200 RTLTL 42h 7m 22s

0000 RTLTL 42h 7m 20s

▼ 0020 CCS DIAG (18:27)

U/L 0045 | - | - - - - - TLC (SHORT-FORM) - - - - -

FDS MODE  
XB DATA RATE(MI)

CR-5T  
160(32)

31 DSN COVERAGE



32 DSN COVERAGE

1140 | 43 [D] | 1540

S/C 32  
INITIAL CONDITIONS  
RTLTL: 35h 7m 30s  
CCSL: B191  
FDSL: 11AF  
TWNC: ON  
SB: OFF  
XB: LOW  
PYR: .05/.10/.25  
GYROS: OFF

1200 RTLTL 35h 7m 26s

0000 RTLTL 35h 7m 24s

FDS MODE  
XB DATA RATE(MI)

CR-5T  
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

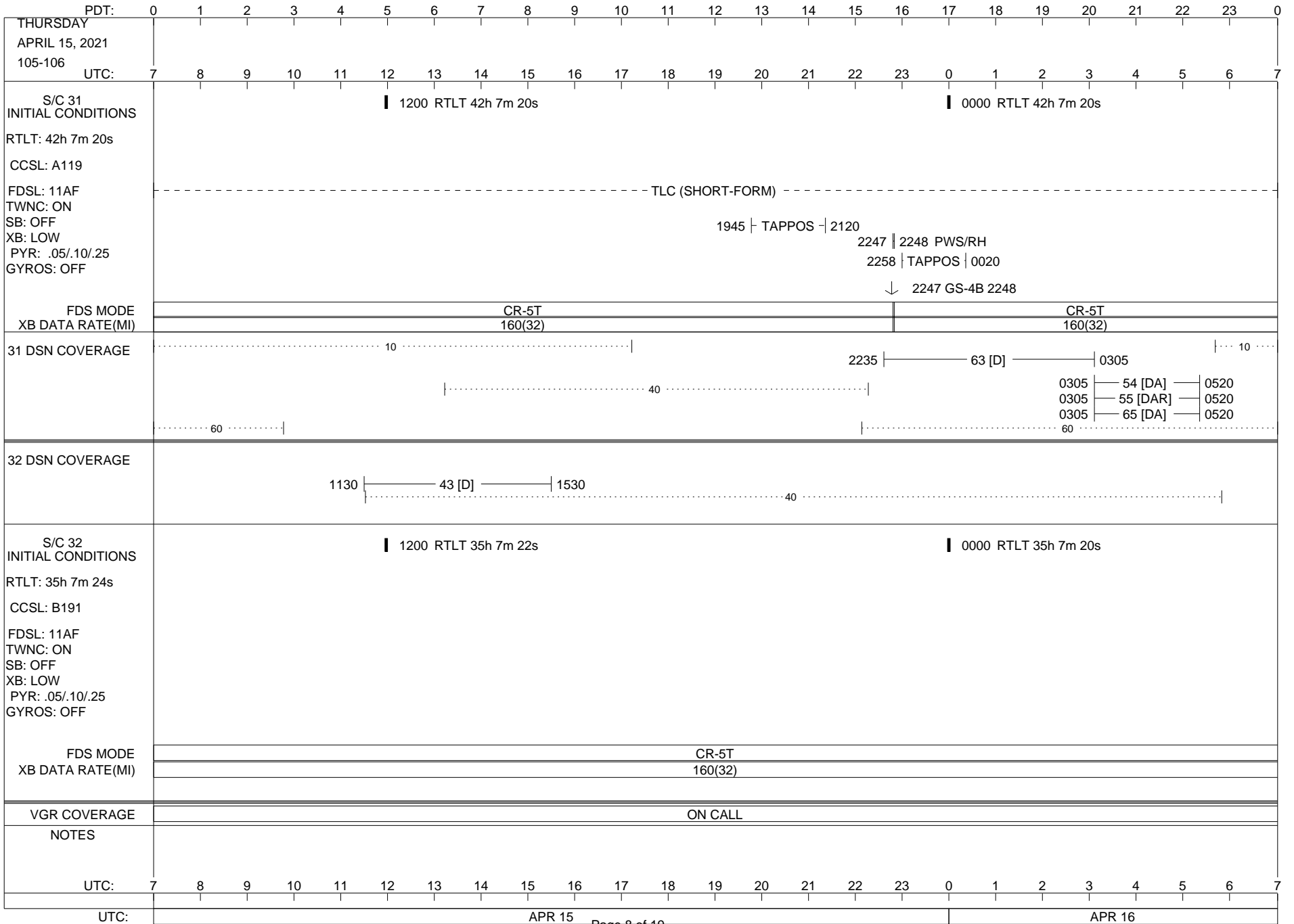
UTC:

APR 14

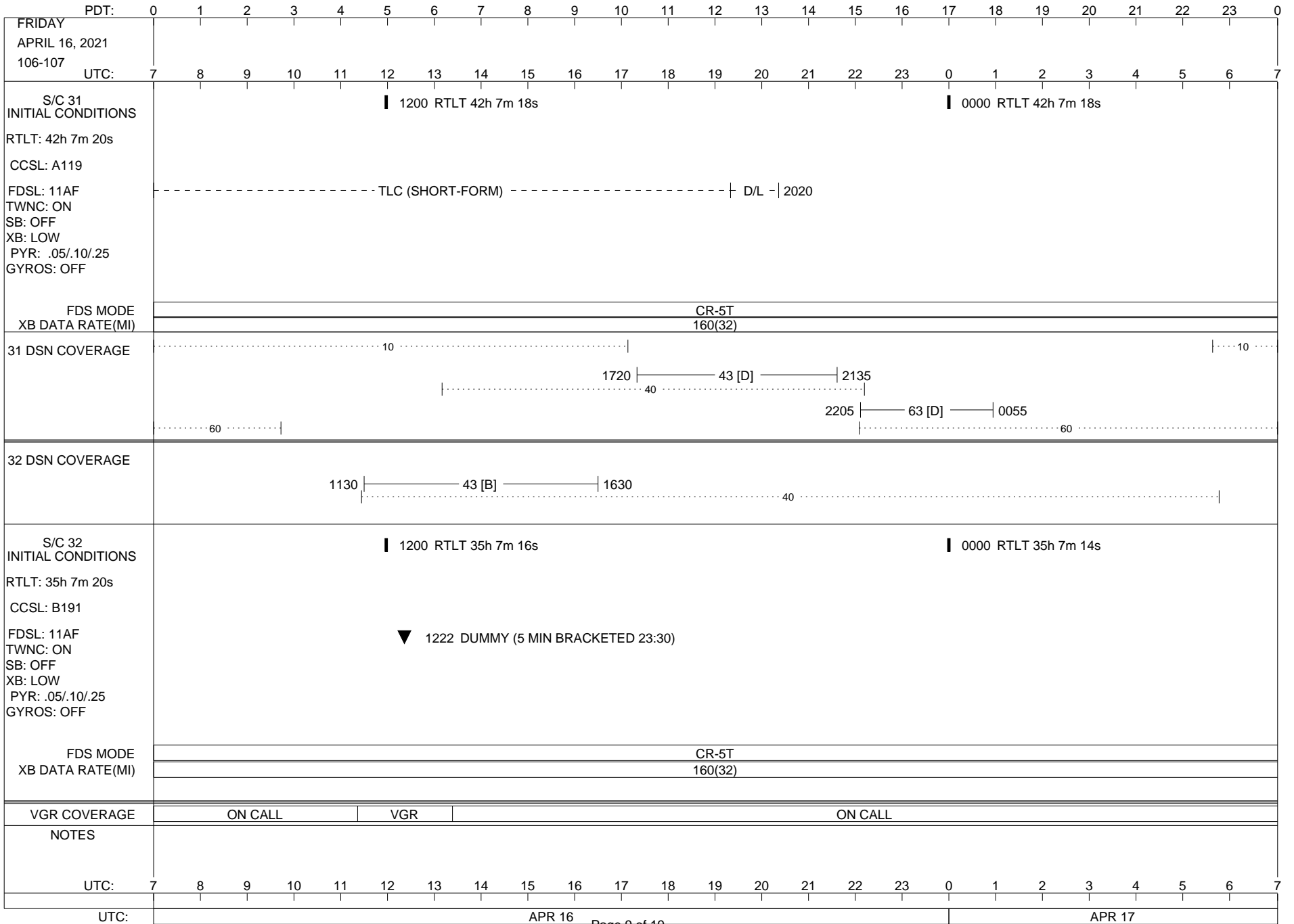
APR 15



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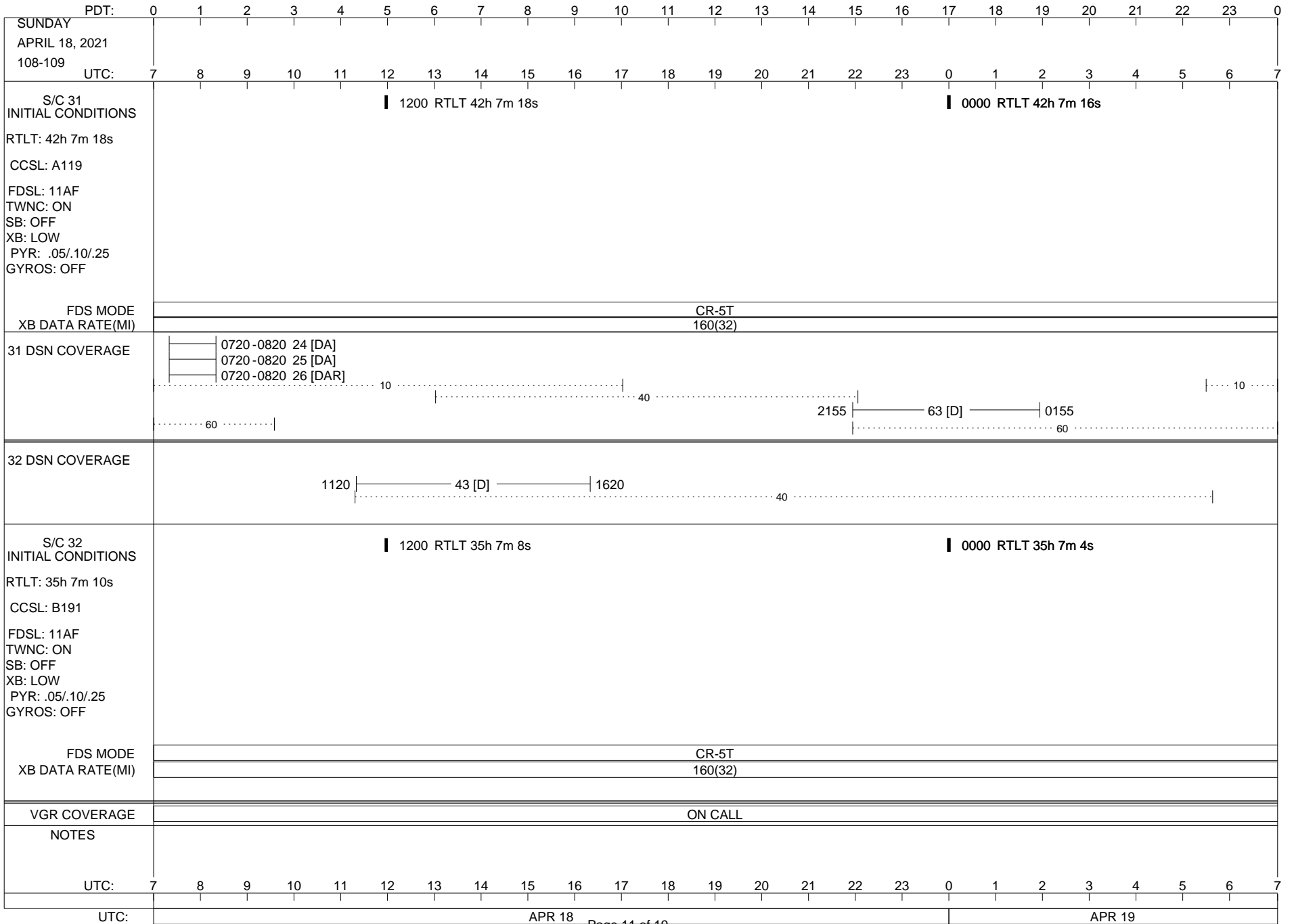
ISSUE DATE: 04/06/21 10:44



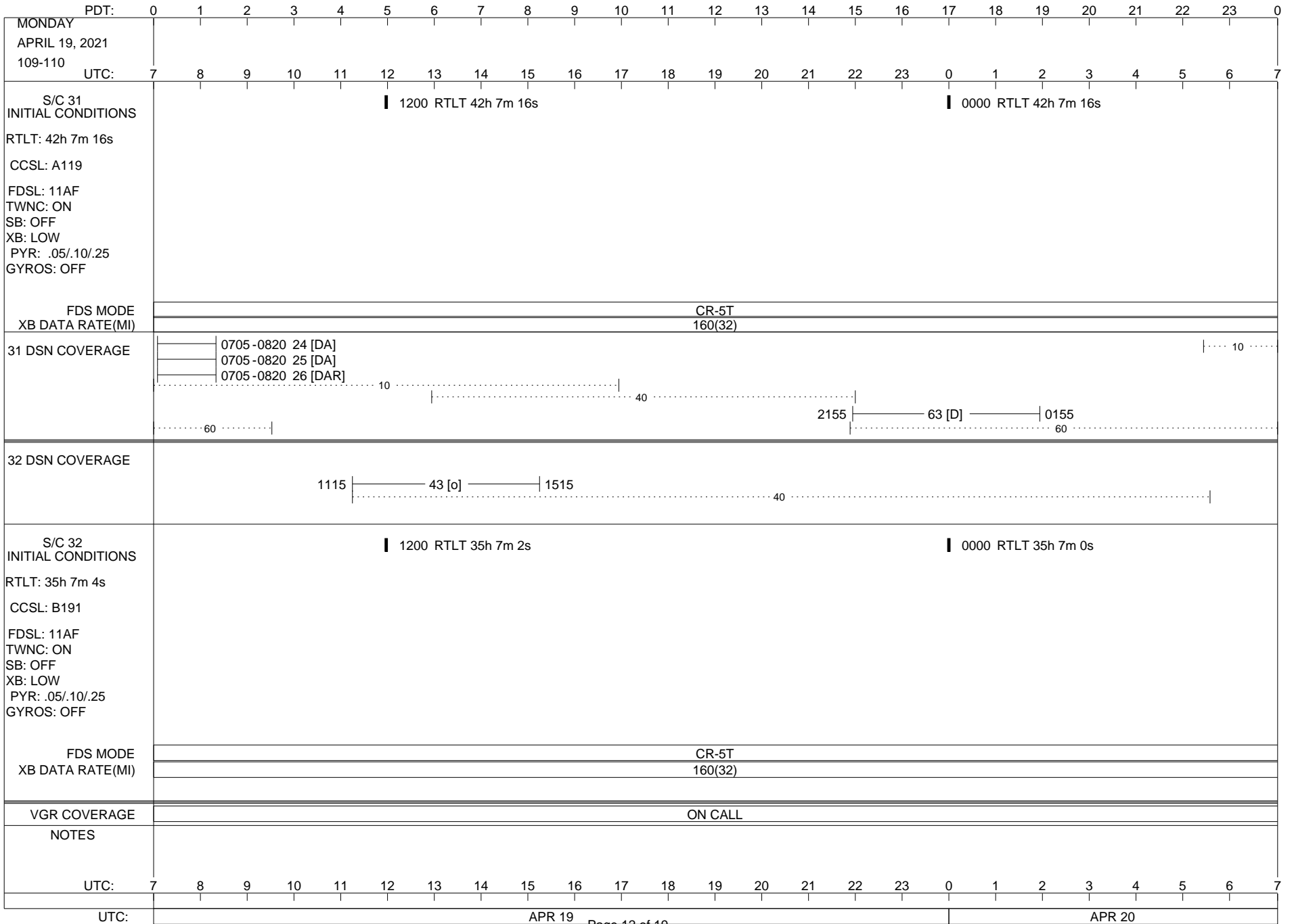
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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
SATURDAY																									
APRIL 17, 2021																									
107-108																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS	█ 1200 RTLT 42h 7m 18s											█ 0000 RTLT 42h 7m 18s													
RTLTL: 42h 7m 18s																									
CCSL: A119																									
FDSL: 11AF																									
TWNC: ON																									
SB: OFF																									
XB: LOW																									
PYR: .05/.10/.25																									
GYROS: OFF																									
FDS MODE	CR-5T											CR-5T													
XB DATA RATE(MI)	160(32)											160(32)													
31 DSN COVERAGE	.....											.....													
	.....											.....													
	.....											.....													
	.....											.....													
32 DSN COVERAGE	1120   43 [D]   1220											2025   43 [D]   0125													
	.....											.....													
S/C 32 INITIAL CONDITIONS	█ 1200 RTLT 35h 7m 12s											█ 0000 RTLT 35h 7m 10s													
RTLTL: 35h 7m 14s																									
CCSL: B191																									
FDSL: 11AF																									
TWNC: ON																									
SB: OFF																									
XB: LOW																									
PYR: .05/.10/.25																									
GYROS: OFF																									
FDS MODE	CR-5T											CR-5T													
XB DATA RATE(MI)	160(32)											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:	APR 17											APR 18													

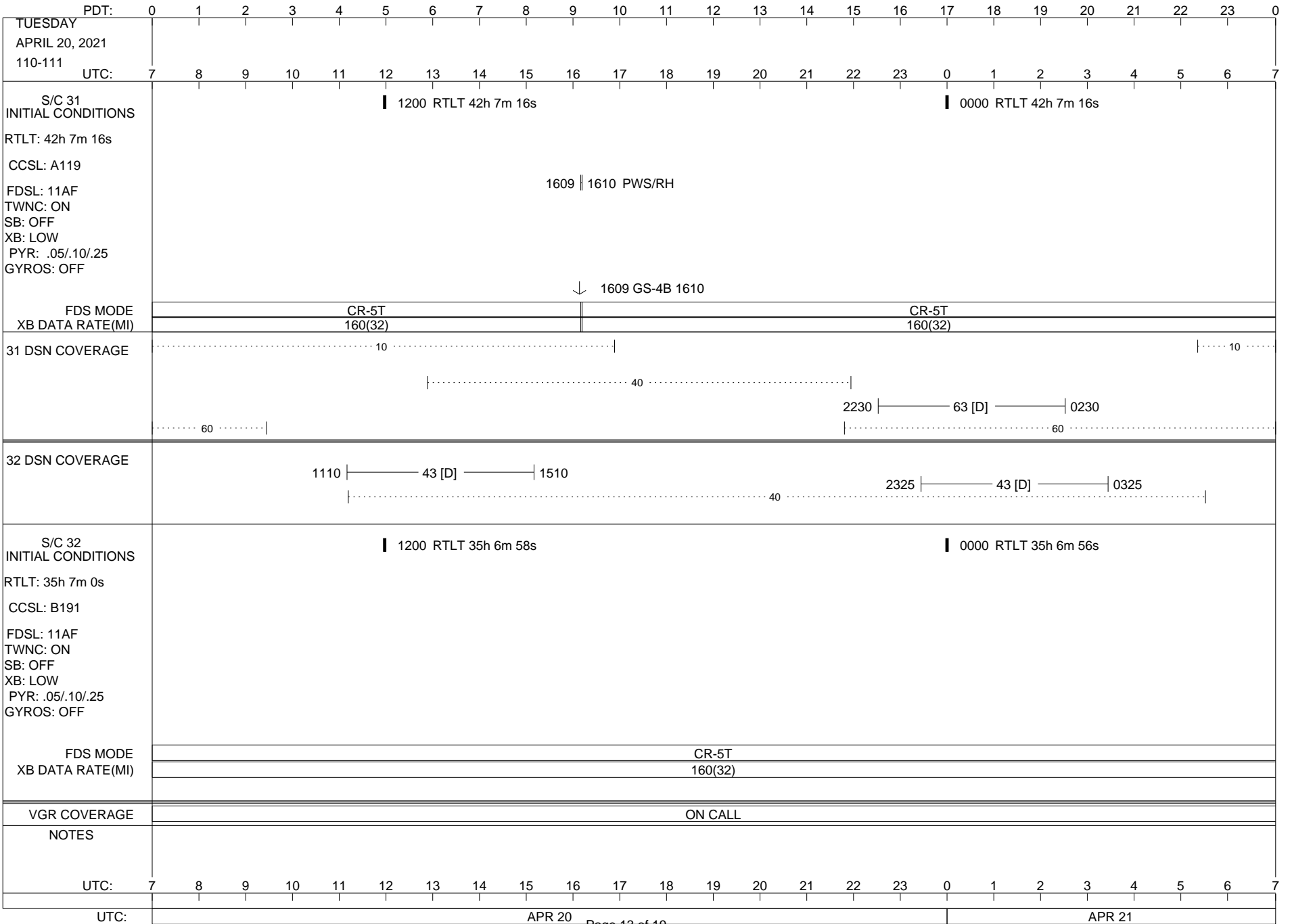
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ISSUE DATE: 04/06/21 10:44



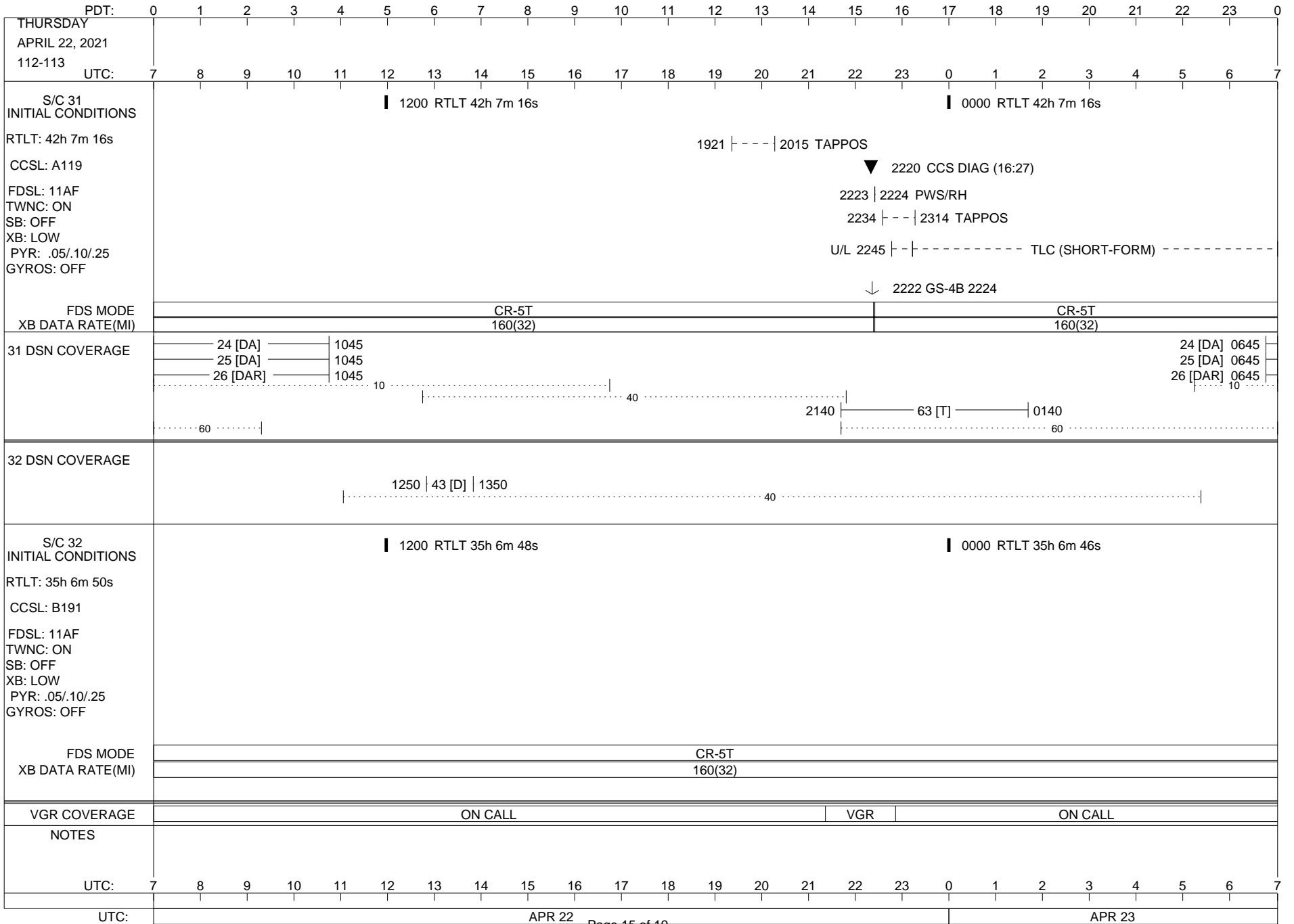
ISSUE DATE: 04/06/21 10:44



ISSUE DATE: 04/06/21 10:44

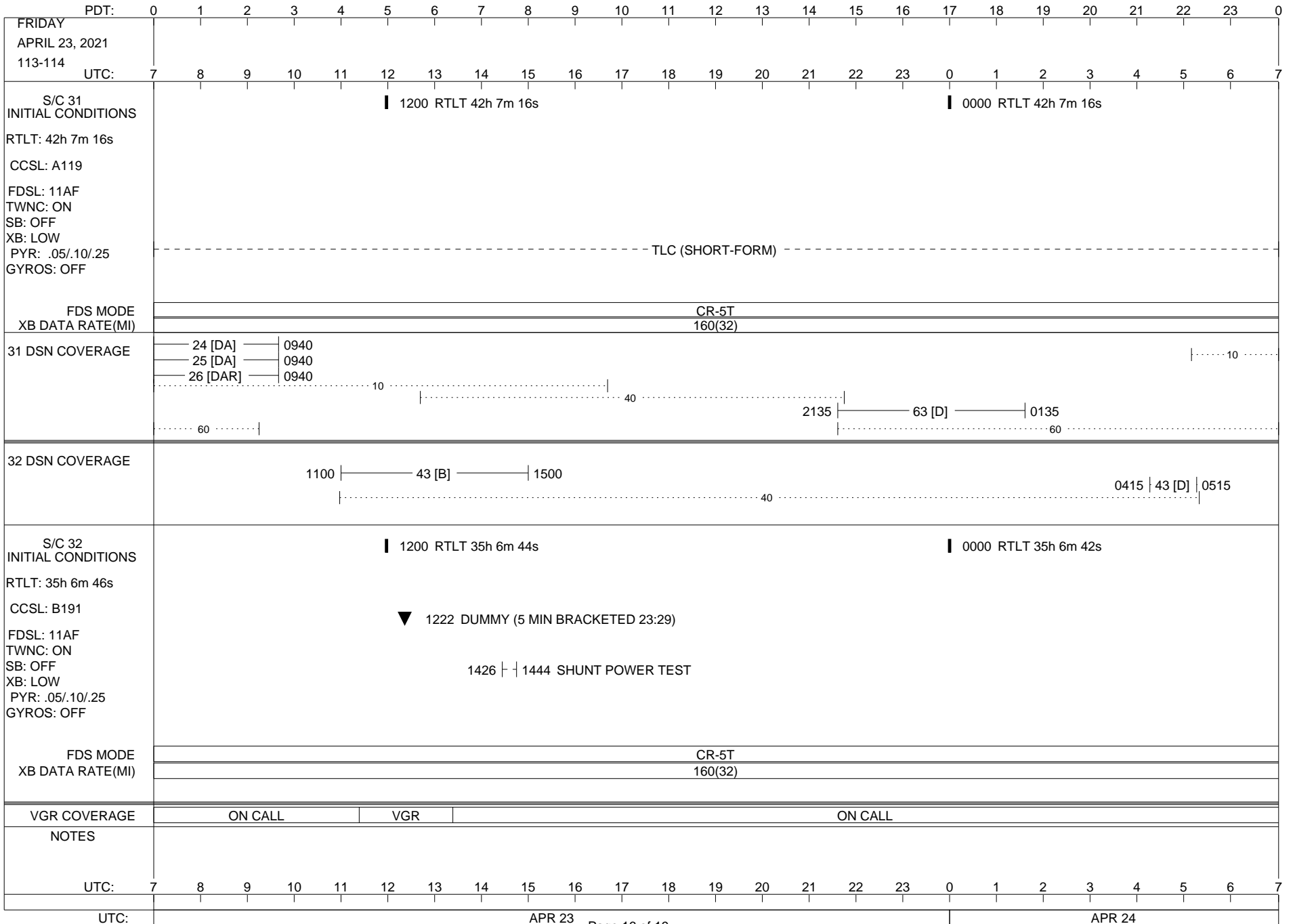
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	
WEDNESDAY APRIL 21, 2021 111-112																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLT: 42h 7m 16s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 7m 16s												0000 RTLT 42h 7m 16s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	.....										.....										24 [DA] 0645	25 [DA] 0645	26 [DAR] 0645			
	.....										.....										0030   63 [D]   0130		10			
	.....										.....										.....		60			
32 DSN COVERAGE	.....										.....										0040   43 [D]   0515					
S/C 32 INITIAL CONDITIONS RTLT: 35h 6m 56s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 6m 52s												0000 RTLT 35h 6m 50s													
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	
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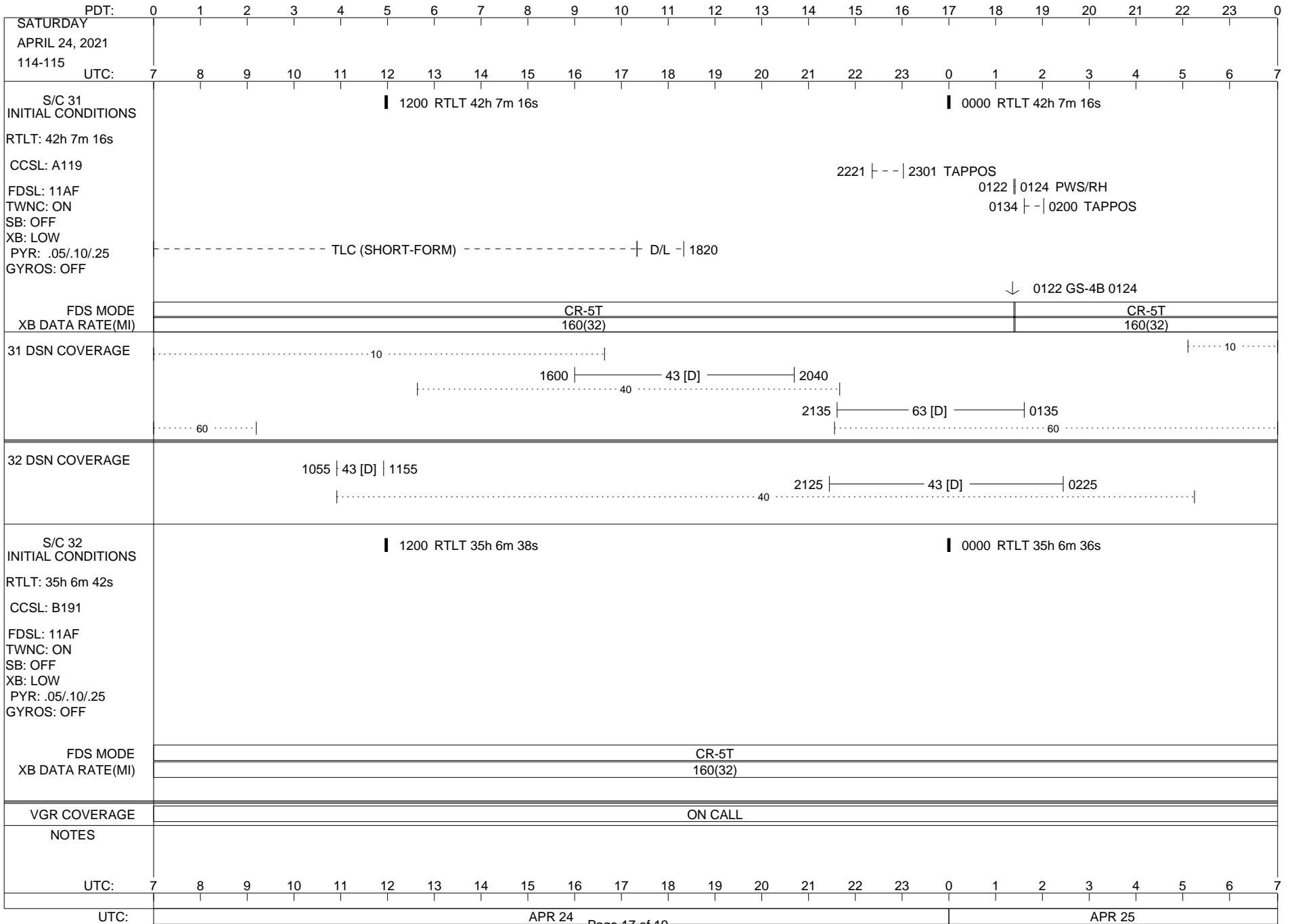




ISSUE DATE: 04/06/21 10:44



ISSUE DATE: 04/06/21 10:44



ISSUE DATE: 04/06/21 10:44

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	
SUNDAY APRIL 25, 2021 115-116																										
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: 42h 7m 16s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 7m 16s												0000 RTLT 42h 7m 16s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	.....  10 .....																				24 [DA] 0655					
											..... 40 .....										25 [DA] 0655					
																					26 [DAR] 0655					
	.....  60 .....										2130  ----- 63 [D] -----  0130										..... 10 .....					
																					..... 60 .....					
32 DSN COVERAGE											..... 40 .....										2255  ----- 43 [D] -----  0255	.....				
S/C 32 INITIAL CONDITIONS RTLT: 35h 6m 36s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 6m 34s												0000 RTLT 35h 6m 32s													
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:	APR 25													APR 26												

