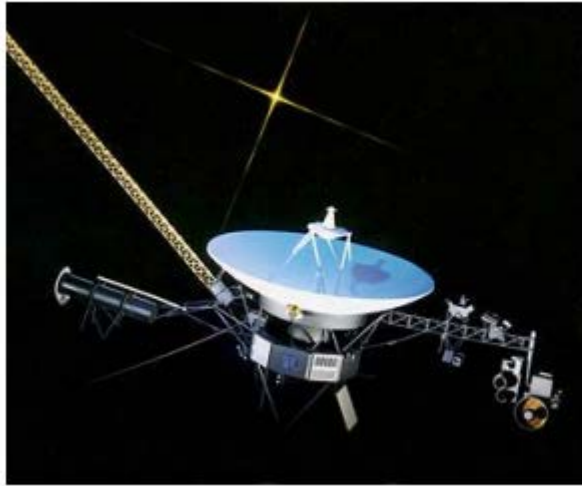


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: March 30, 2021

For the Period: 04/01/21 to 04/19/21 (21/091 – 21/109)



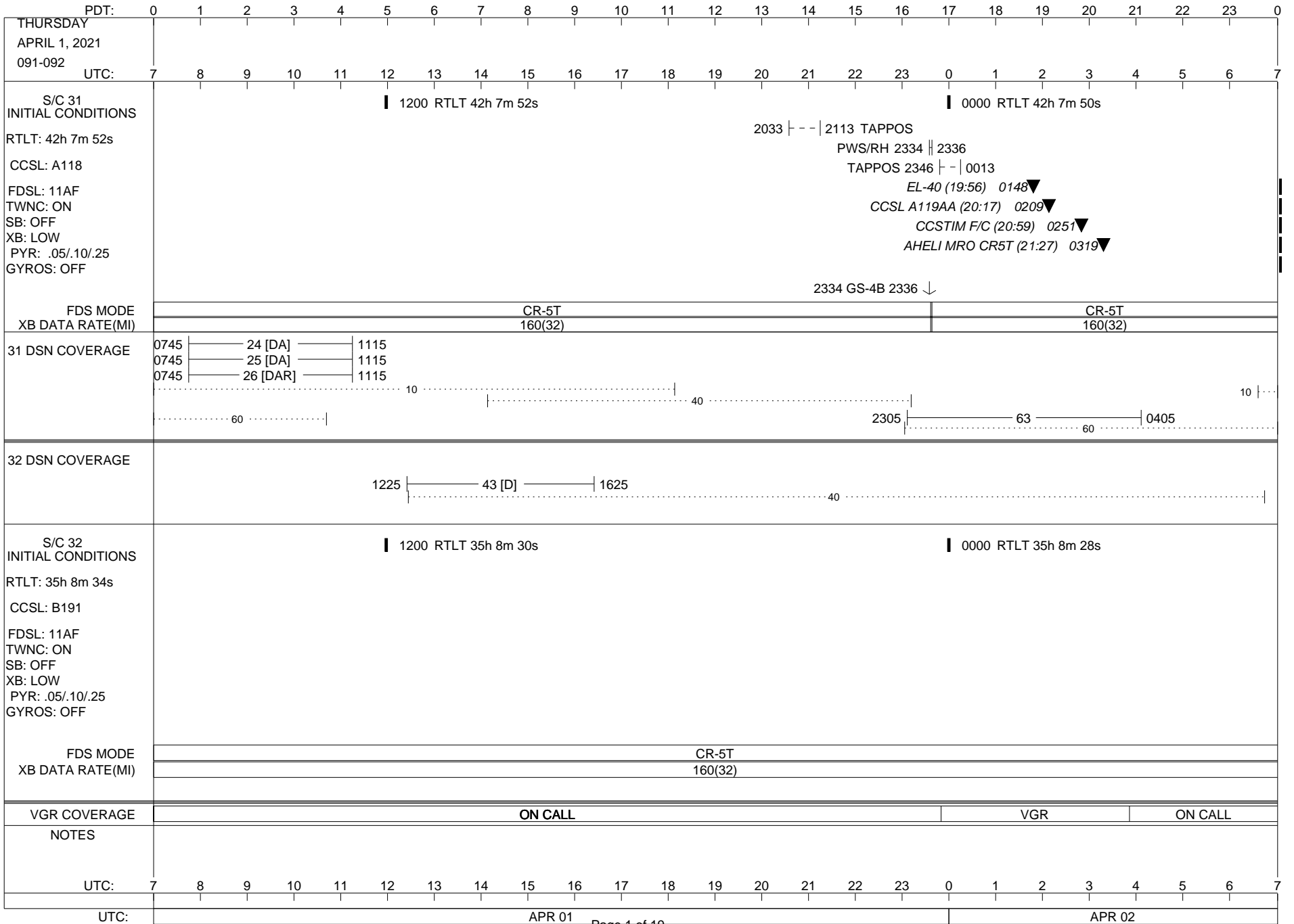
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

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

ISSUE DATE: 04/13/21 15:21



ISSUE DATE: 04/13/21 15:21

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 2, 2021
092-093

S/C 31
INITIAL CONDITIONS
RTLT: 42h 7m 50s
CCSL: A118
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 42h 7m 48s
0000 RTLT 42h 7m 46s

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

31 DSN COVERAGE

24 [DA]	0740-1130	
25 [DA]	0740-1130	
26 [DAR]	0740-1130	

0010 54 [DA] 0335
0010 55 [DAR] 0335
0010 65 [DA] 0335

32 DSN COVERAGE

1225 43 [B] 1725

S/C 32
INITIAL CONDITIONS
RTLT: 35h 8m 28s
CCSL: B191
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 35h 8m 26s
0000 RTLT 35h 8m 24s

▼ 1322 DUMMY (5 MIN BRACKETED 00:31)

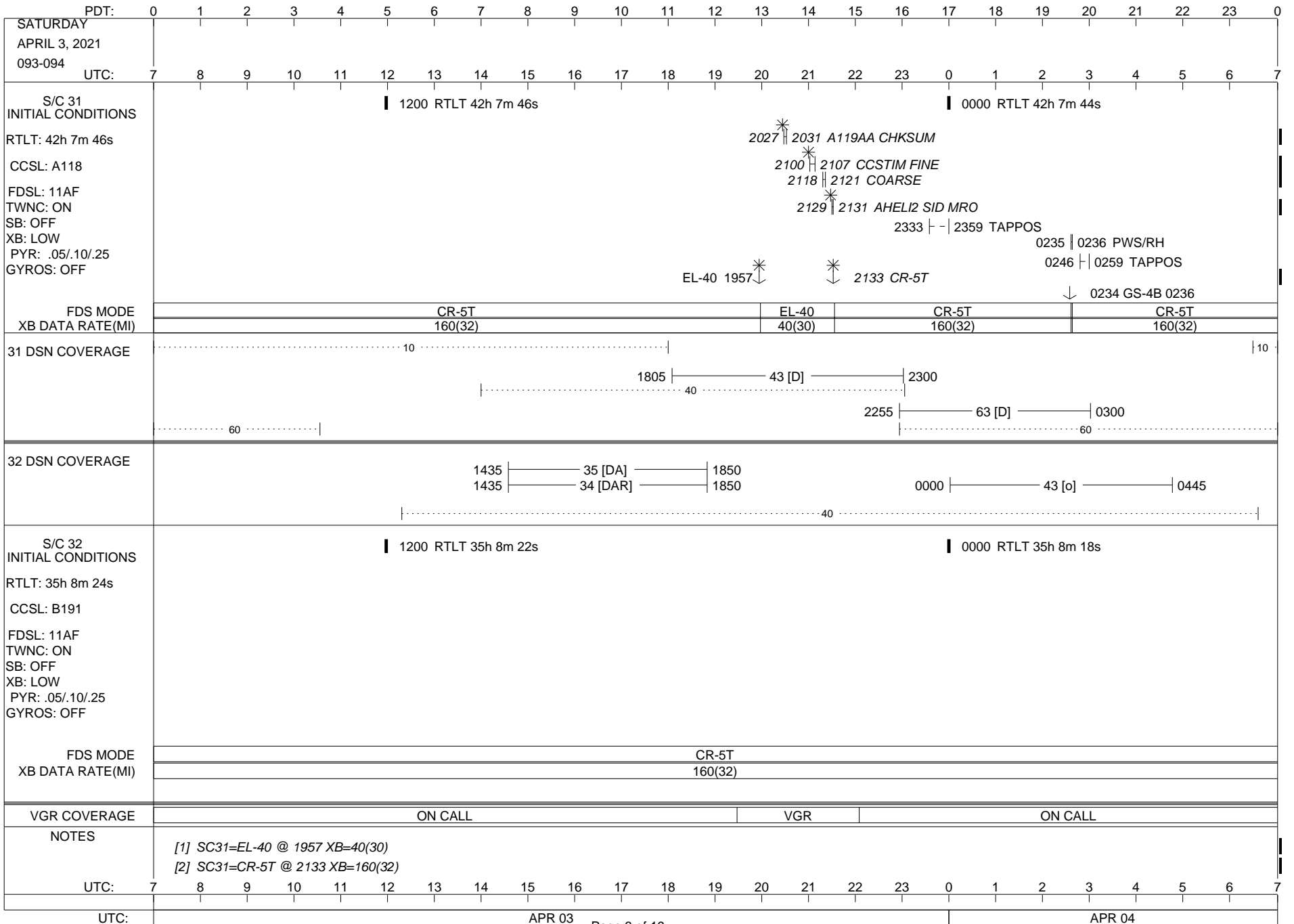
FDS MODE	CR-5T
XB DATA RATE(MI)	160(32)

VGR COVERAGE	ON CALL	VGR	ON CALL
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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 02														APR 03										

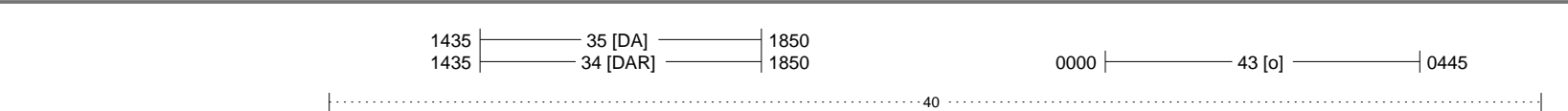
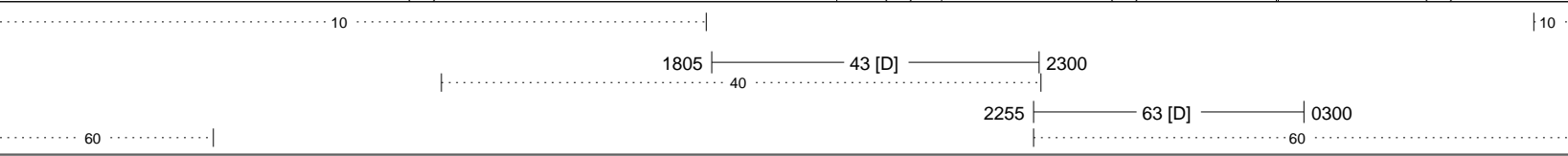
ISSUE DATE: 04/13/21 15:21



1200 RTLT 42h 7m 46s | 0000 RTLT 42h 7m 44s

2027 * 2031 A119AA CHKSUM
 2100 * 2107 CCSTIM FINE
 2118 * 2121 COARSE
 2129 * 2131 AHELIZ SID MRO
 2333 - - 2359 TAPPOS
 0235 | 0236 PWS/RH
 0246 | 0259 TAPPOS
 EL-40 1957 * ↓ 2133 CR-5T ↓ 0234 GS-4B 0236

CR-5T	EL-40	CR-5T	CR-5T
160(32)	40(30)	160(32)	160(32)



S/C 32 INITIAL CONDITIONS
 RTLT: 35h 8m 24s
 CCSL: B191
 FDSL: 11AF
 TWNC: ON
 SB: OFF
 XB: LOW
 PYR: .05/.10/.25
 GYROS: OFF

FDS MODE
 XB DATA RATE(MI)

CR-5T
 160(32)

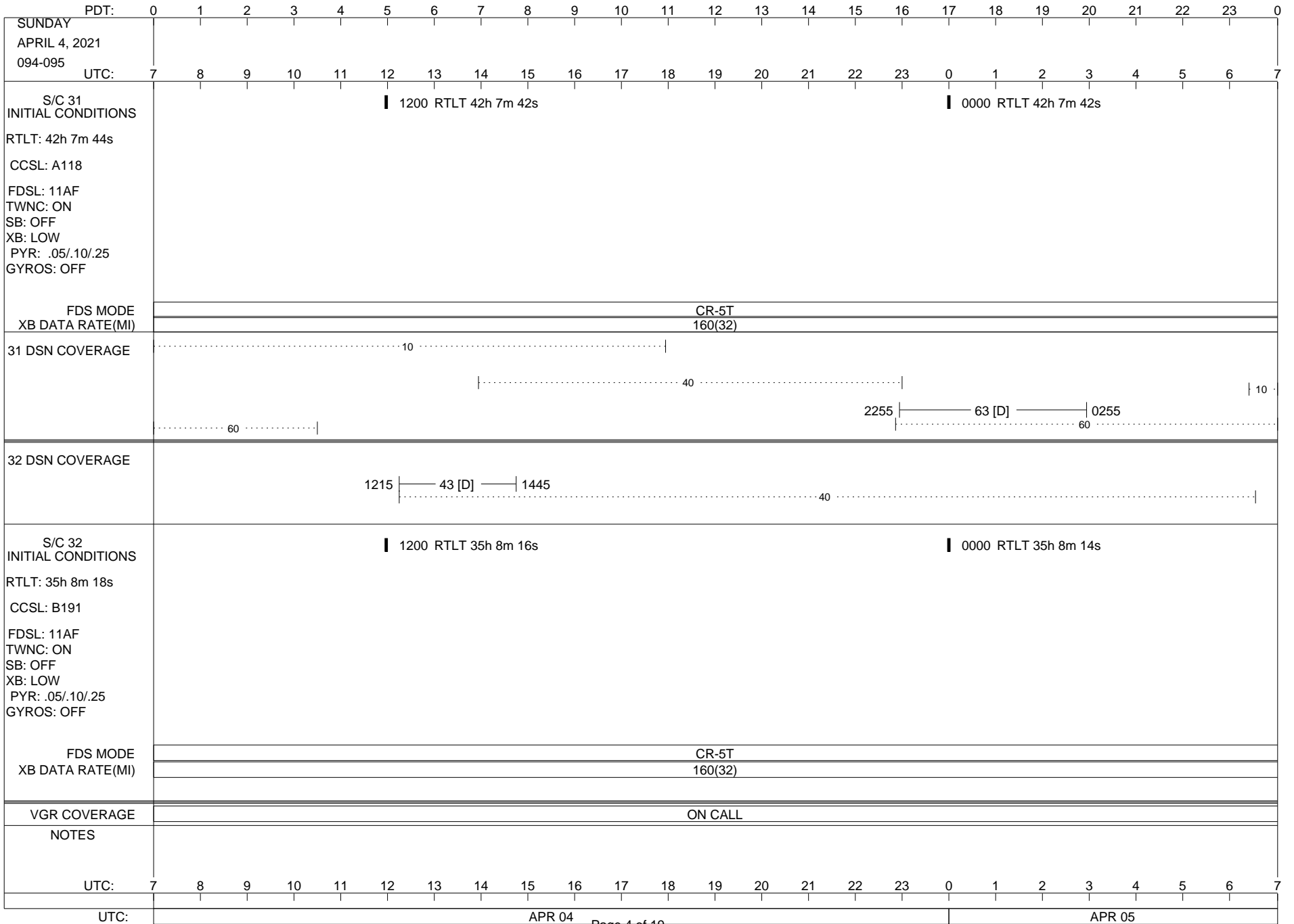
VGR COVERAGE

ON CALL	VGR	ON CALL
---------	-----	---------

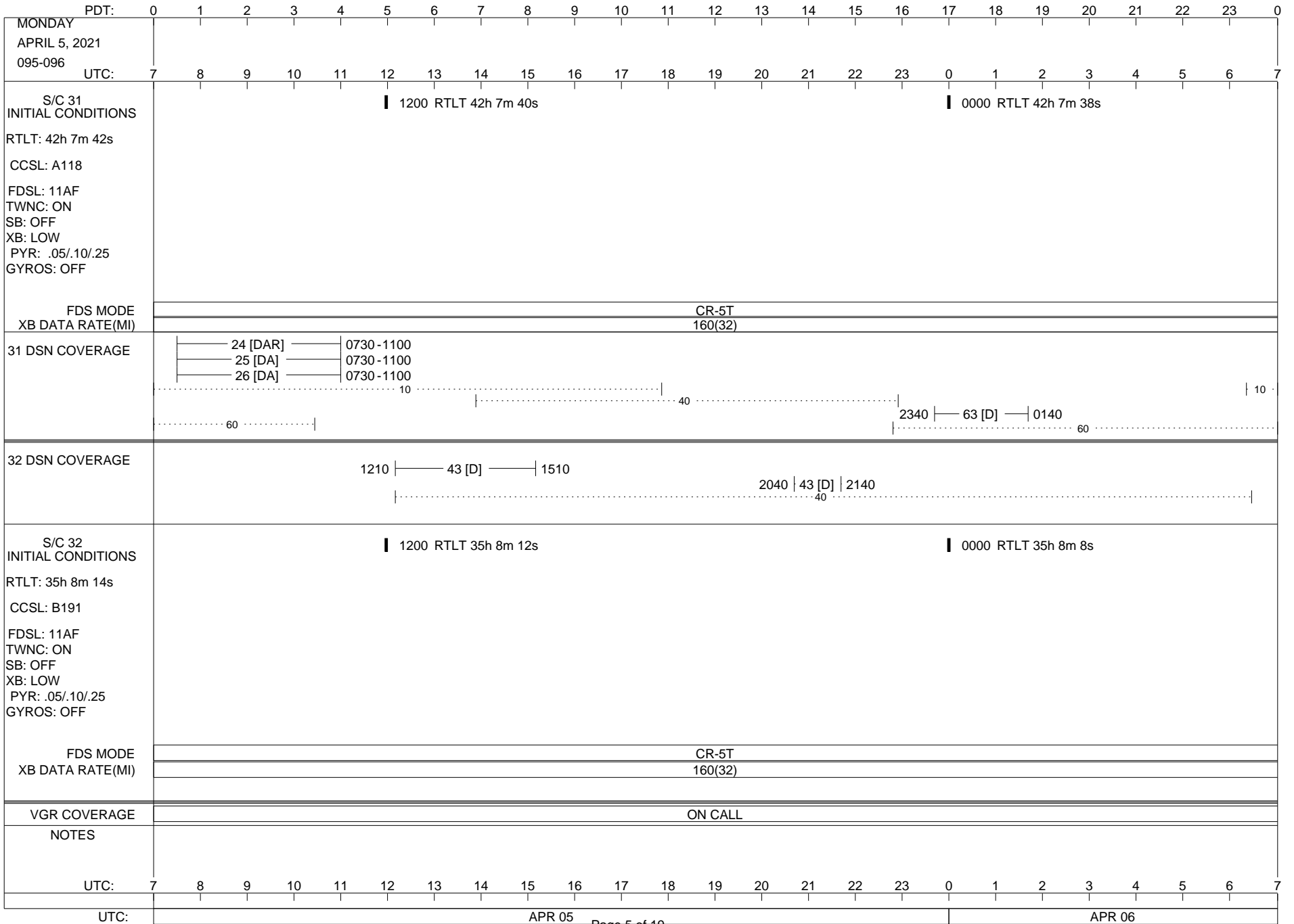
NOTES

[1] SC31=EL-40 @ 1957 XB=40(30)
 [2] SC31=CR-5T @ 2133 XB=160(32)

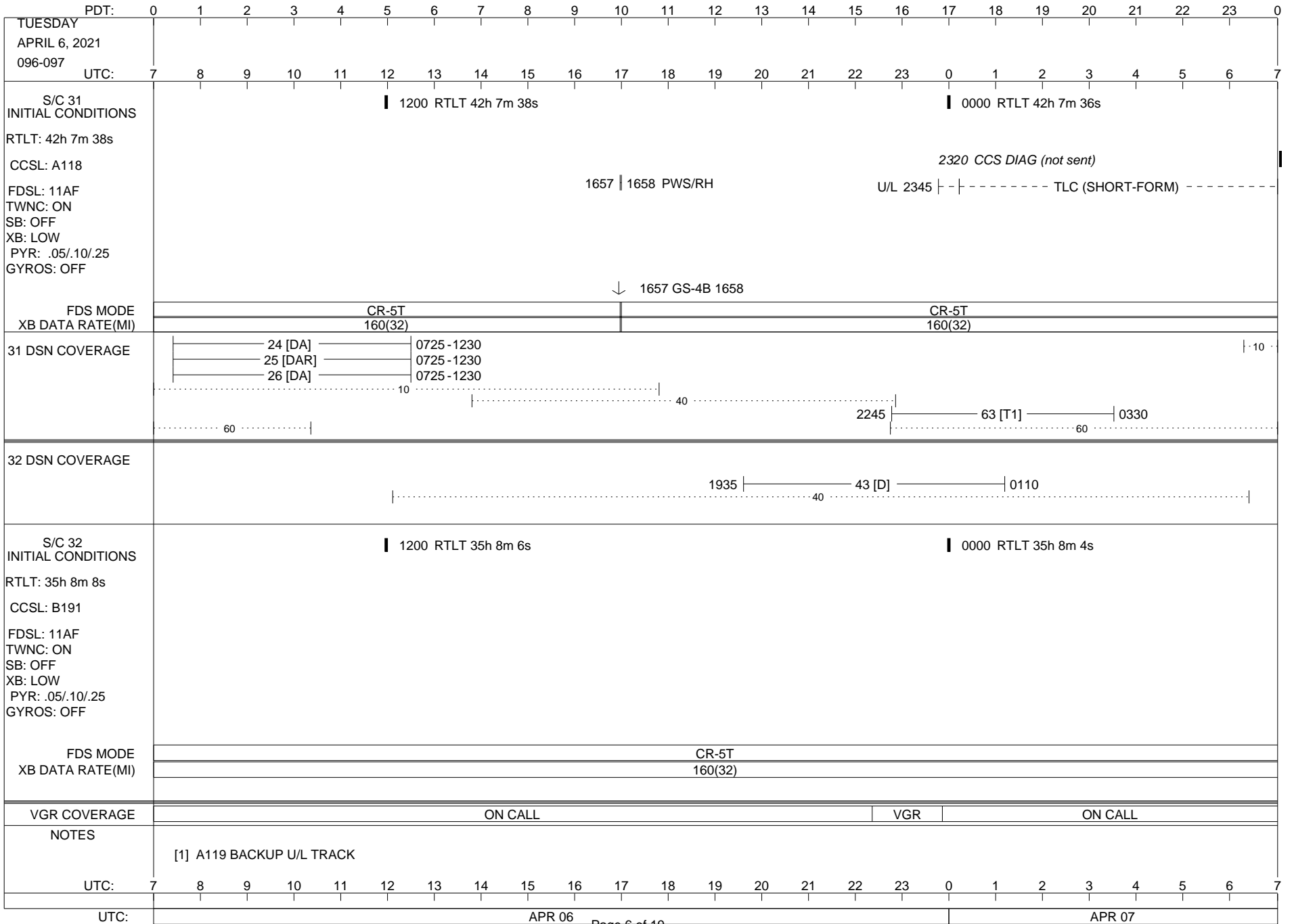
ISSUE DATE: 04/13/21 15:21



ISSUE DATE: 04/13/21 15:21



ISSUE DATE: 04/13/21 15:21



ISSUE DATE: 04/13/21 15:21

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 7, 2021

097-098

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 34s

0000 RTLT 42h 7m 34s

RTLT: 42h 7m 36s

CCSL: A118

FDSL: 11AF

TWNC: ON

SB: OFF

XB: LOW

PYR: .05/.10/.25

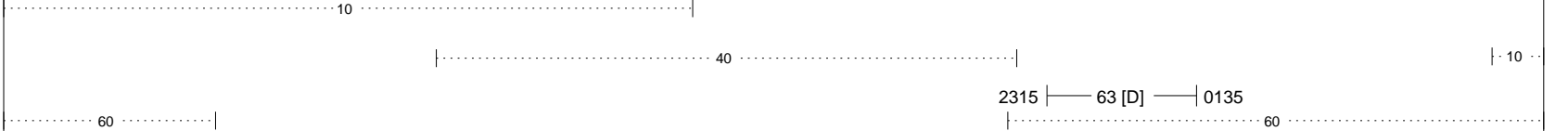
GYROS: OFF

TLC (SHORT-FORM)

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS

1200 RTLT 35h 8m 2s

0000 RTLT 35h 8m 0s

RTLT: 35h 8m 4s

CCSL: B191

FDSL: 11AF

TWNC: ON

SB: OFF

XB: LOW

PYR: .05/.10/.25

GYROS: OFF

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

VGR COVERAGE

ON CALL

NOTES

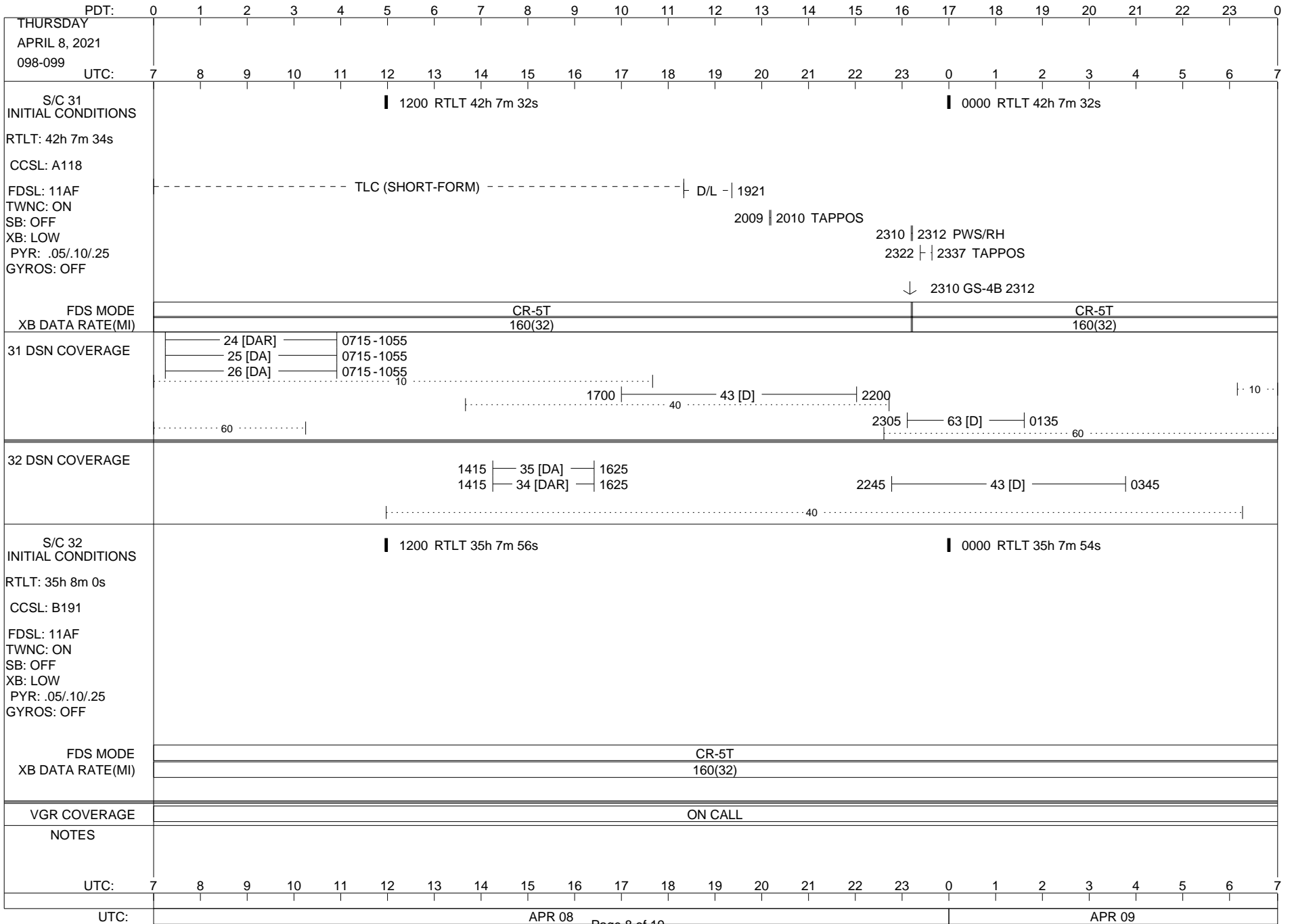
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UTC:

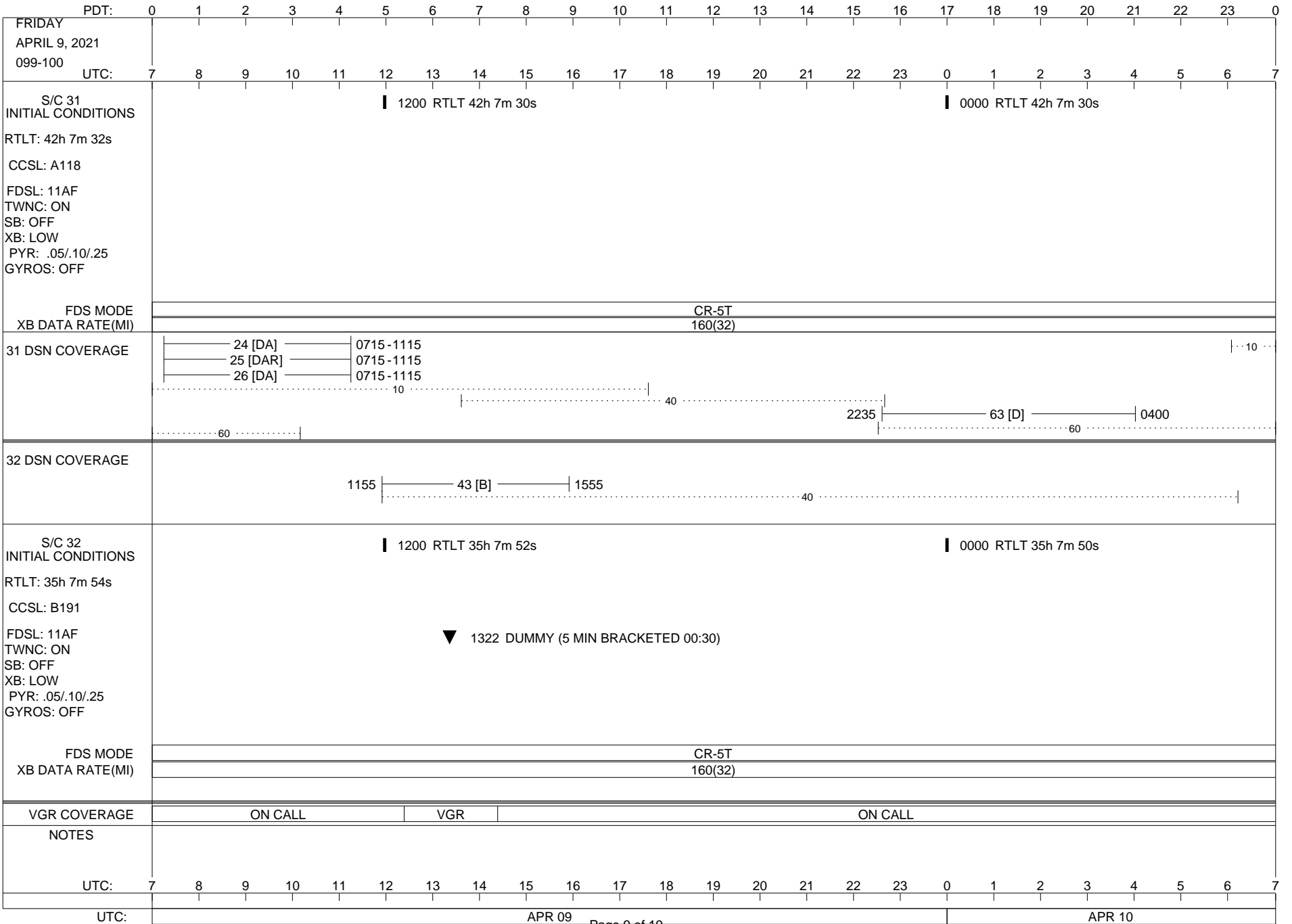
APR 07

APR 08

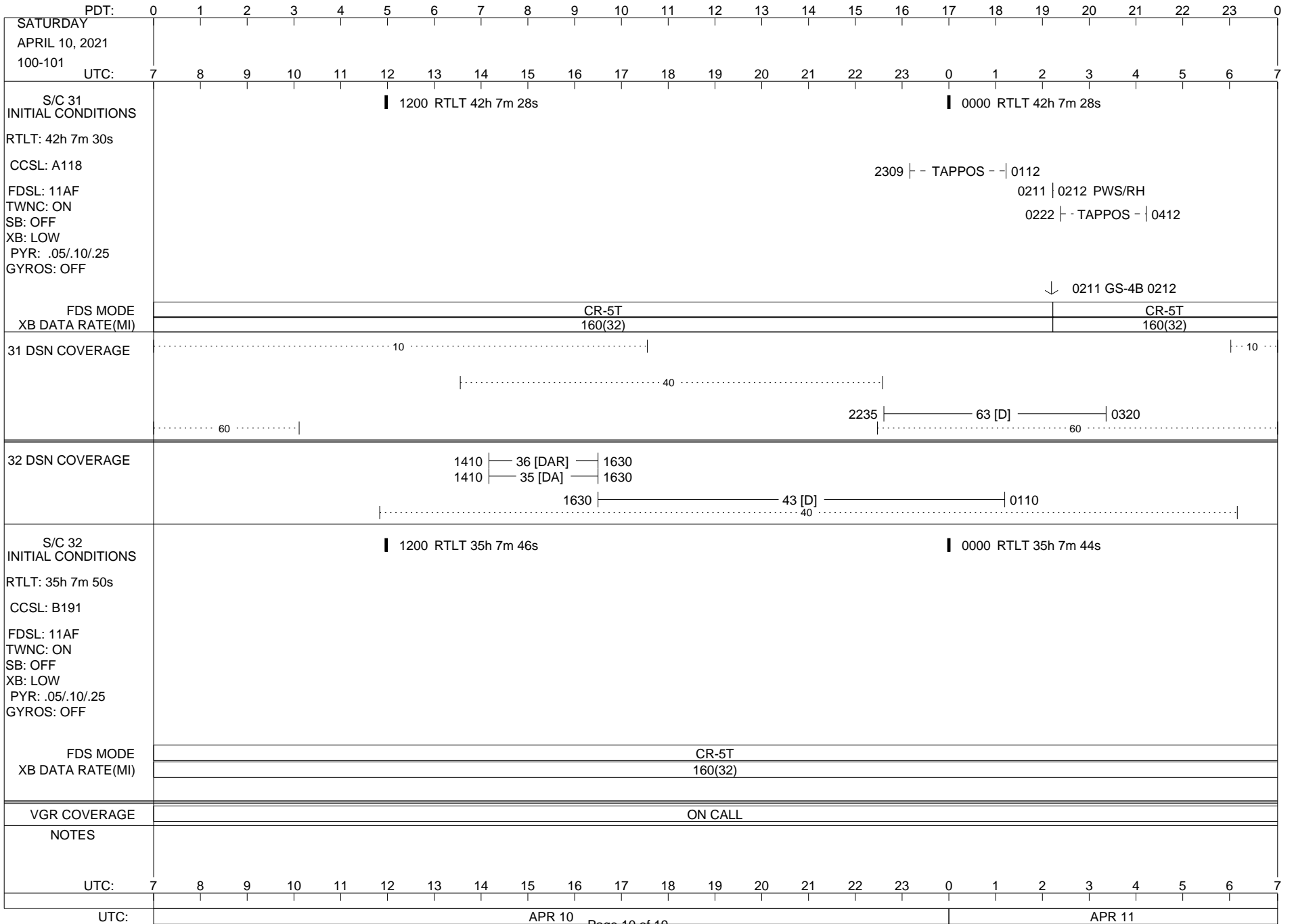
ISSUE DATE: 04/13/21 15:21



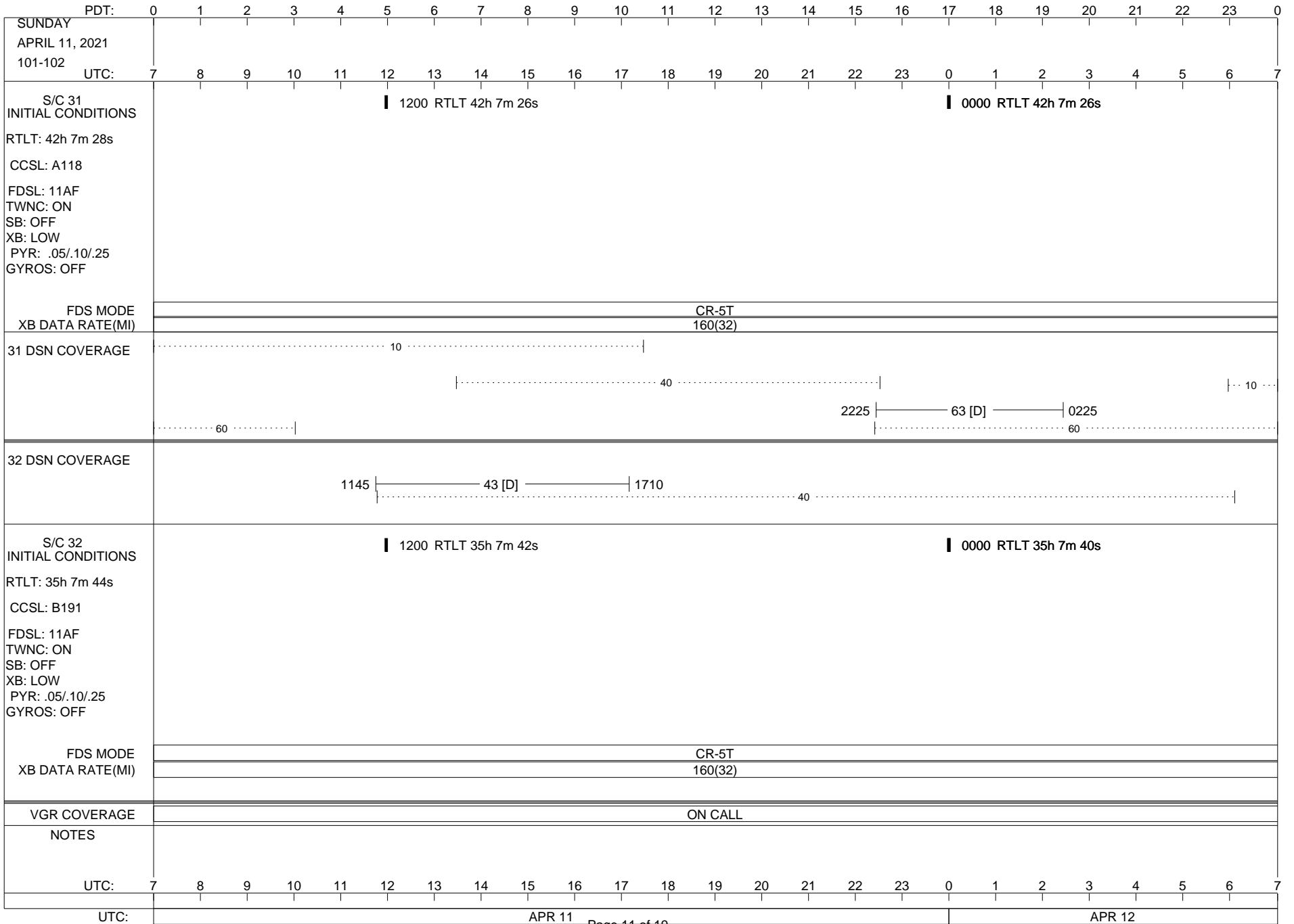
ISSUE DATE: 04/13/21 15:21



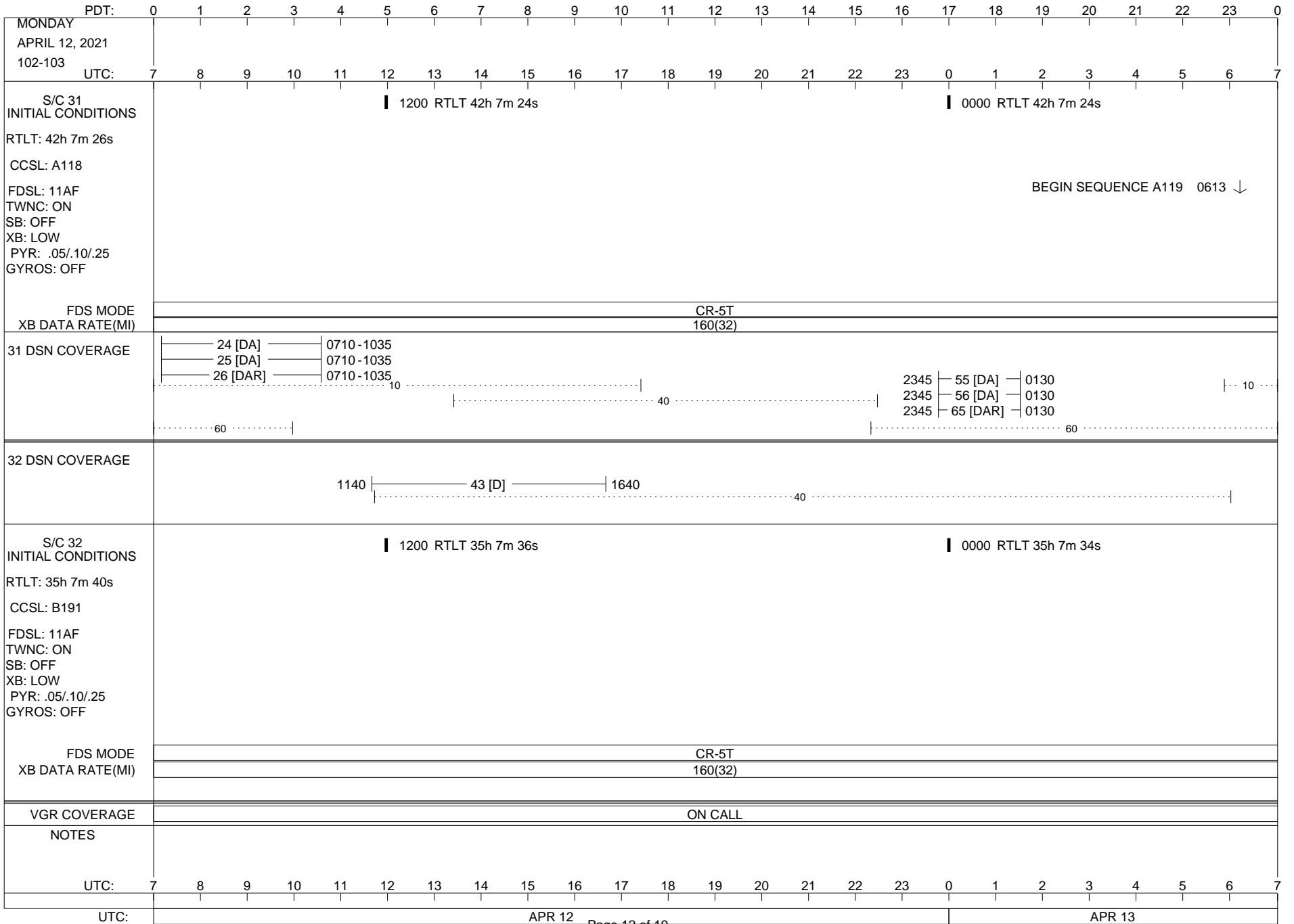
ISSUE DATE: 04/13/21 15:21



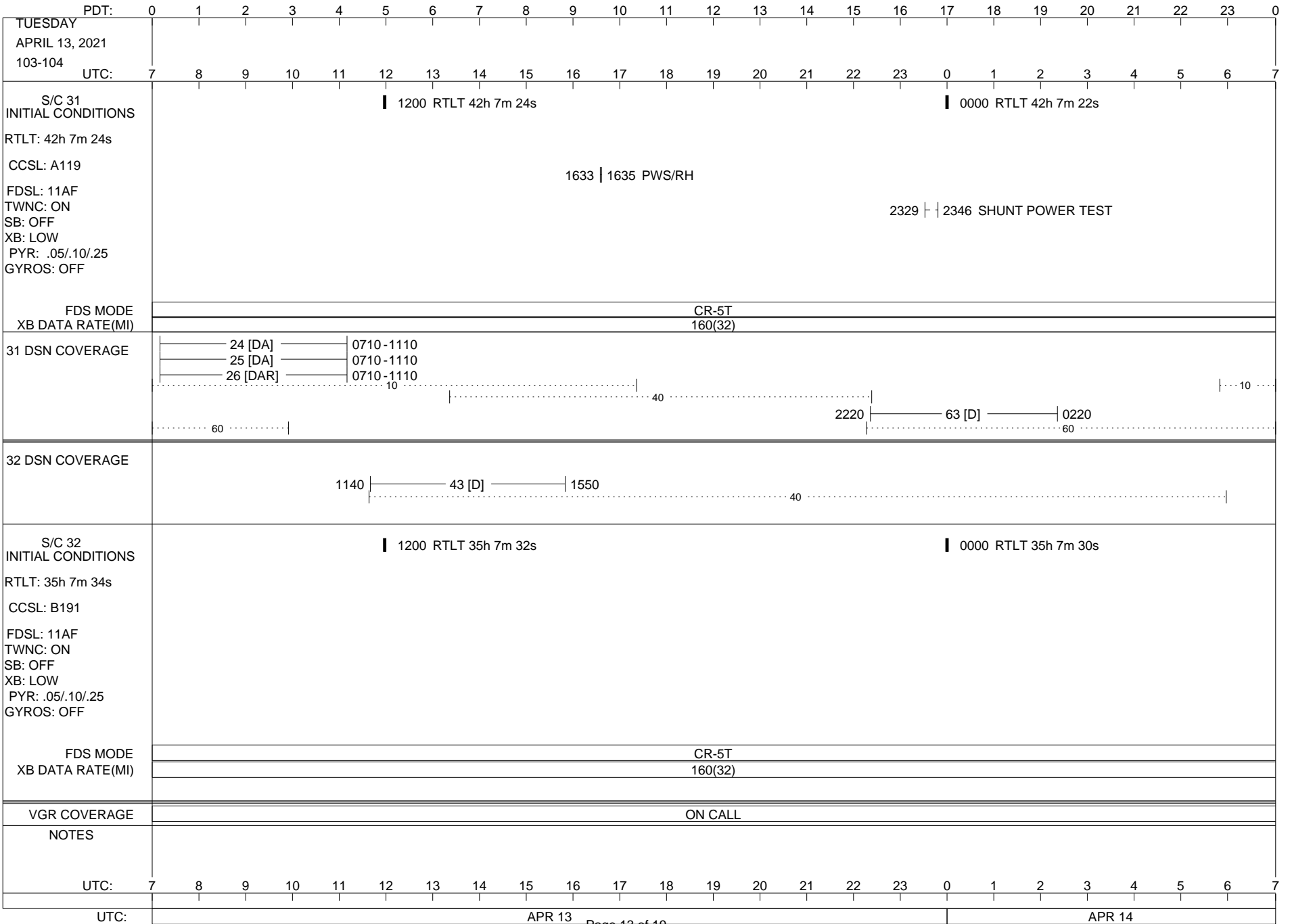
ISSUE DATE: 04/13/21 15:21



ISSUE DATE: 04/13/21 15:21



ISSUE DATE: 04/13/21 15:21



ISSUE DATE: 04/13/21 15:21

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 RTLT 42h 7m 22s

0000 RTLT 42h 7m 20s

0020 CCS DIAG (18:27)

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

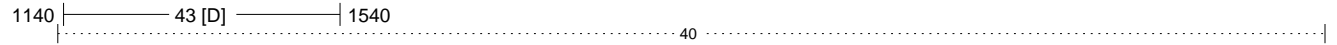
FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



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 RTLT 35h 7m 26s

0000 RTLT 35h 7m 24s

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

VGR COVERAGE

ON CALL

VGR

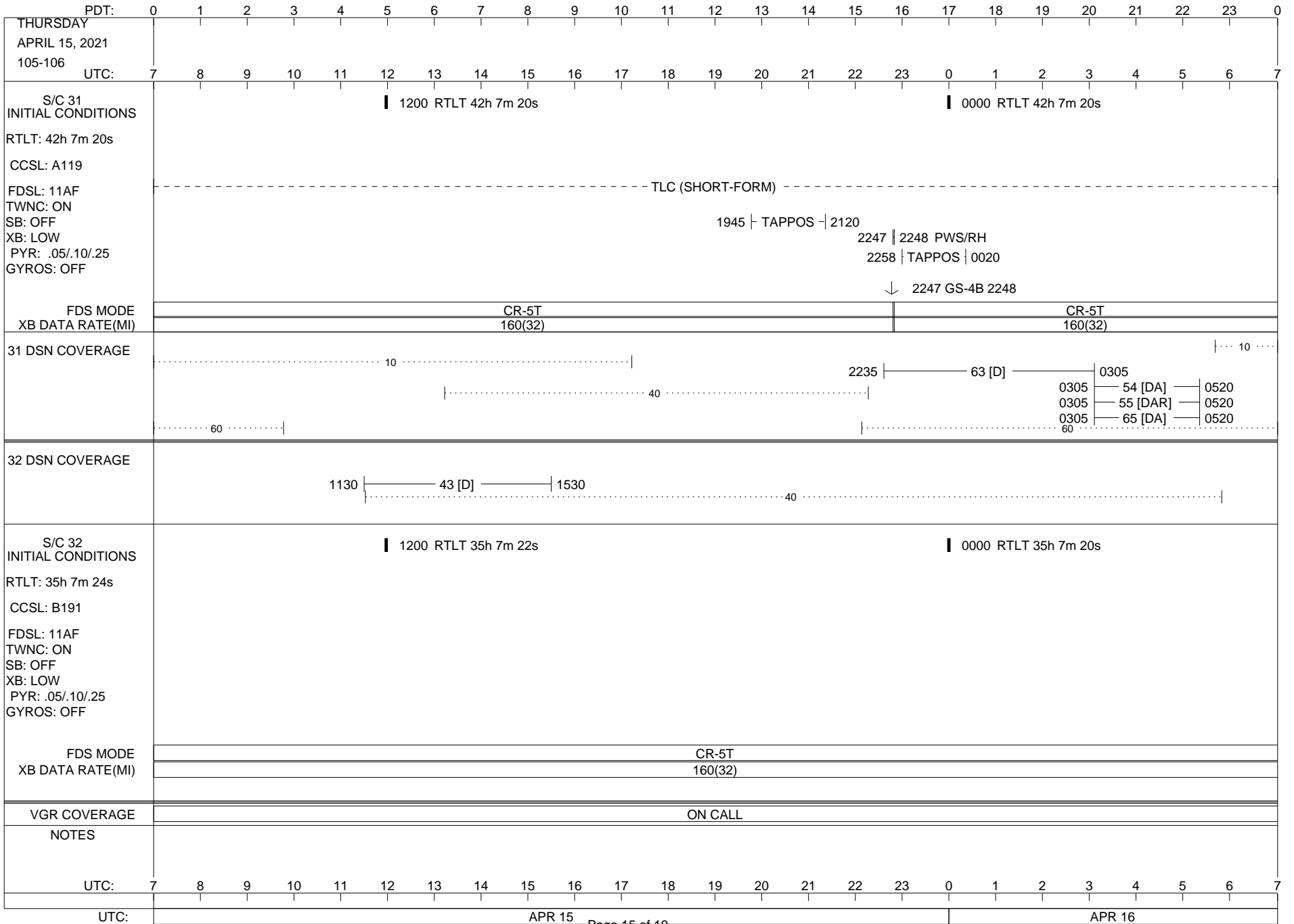
ON CALL

NOTES

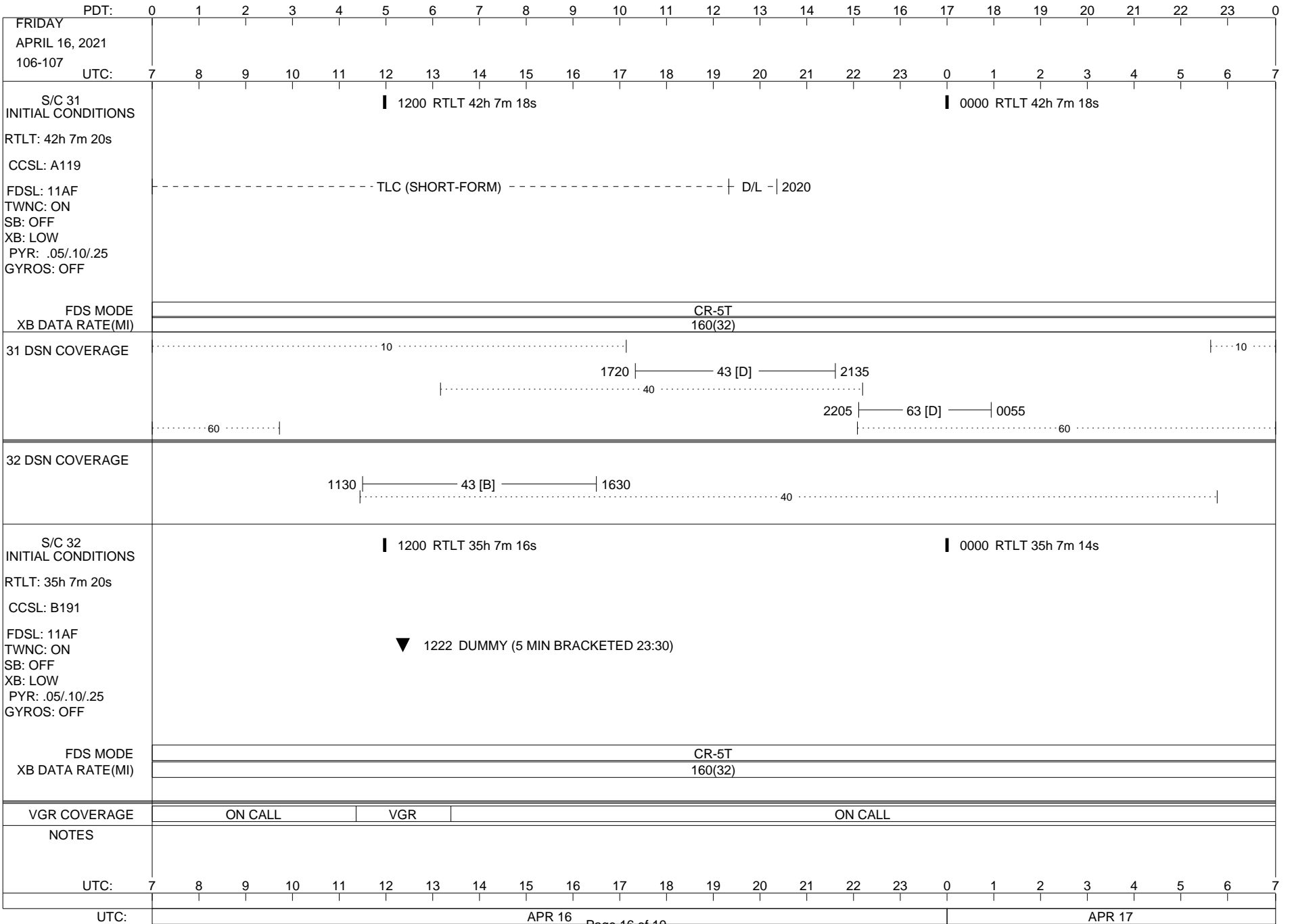
UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

UTC: APR 14 Page 14 of 19 APR 15

ISSUE DATE: 04/13/21 15:21



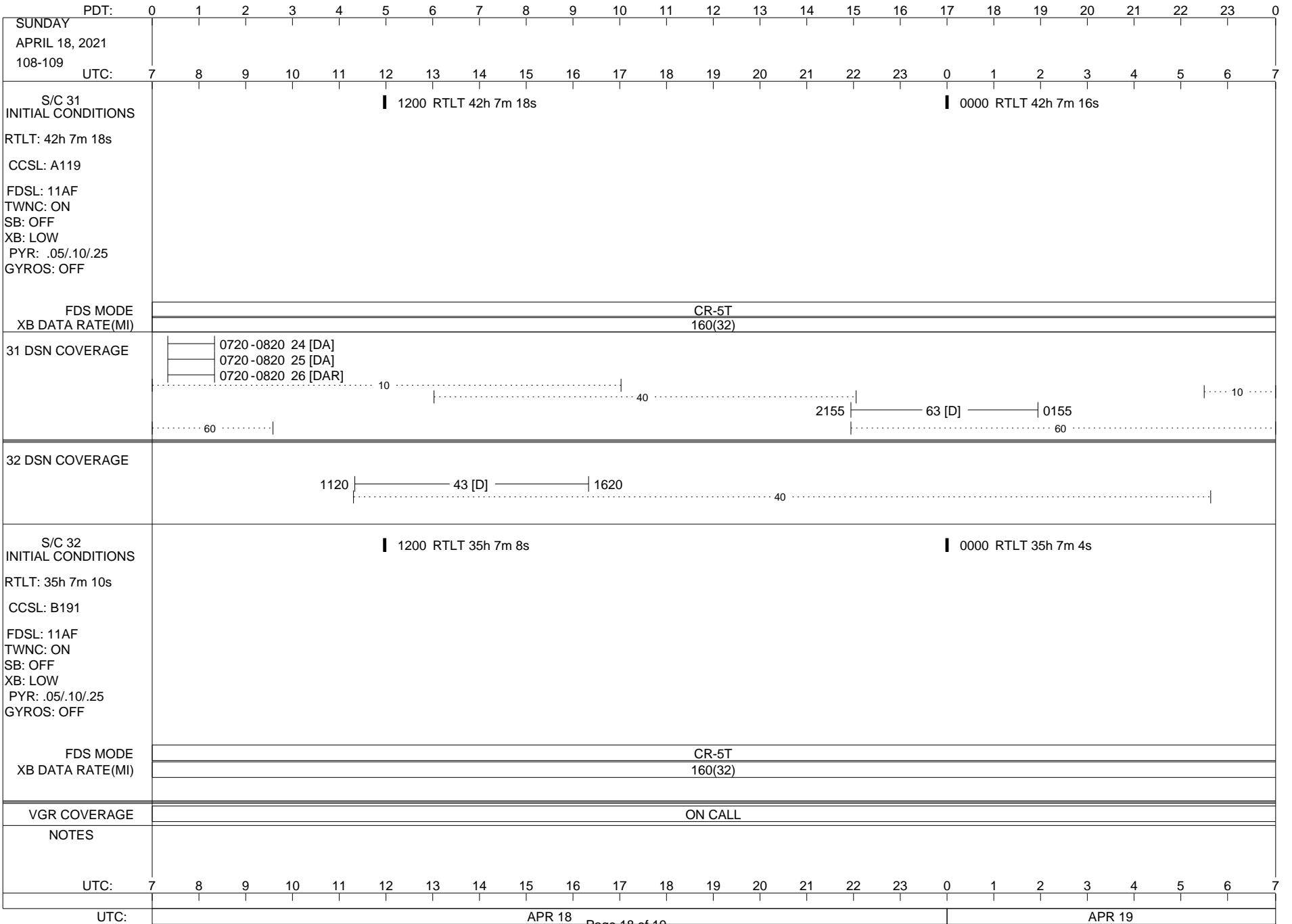
ISSUE DATE: 04/13/21 15:21



ISSUE DATE: 04/13/21 15:21

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 RTLTL: 42h 7m 18s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	█ 1200 RTLTL 42h 7m 18s												█ 0000 RTLTL 42h 7m 18s												
													2245 TAPPOS 0006 0147 0148 PWS/RH 0158 - - - - 0306 TAPPOS												
													↓ 0147 GS-4B 0148												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE10.....											10.....												
40.....											60.....												
													2200 ----- 63 [D] ----- 0200 60.....												
32 DSN COVERAGE	1120 43 [D] 1220												2025 ----- 43 [D] ----- 0125 40.....												
S/C 32 INITIAL CONDITIONS RTLTL: 35h 7m 14s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	█ 1200 RTLTL 35h 7m 12s												█ 0000 RTLTL 35h 7m 10s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												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												

ISSUE DATE: 04/13/21 15:21



ISSUE DATE: 04/13/21 15:21

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												
MONDAY APRIL 19, 2021 109-110	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																																				
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)																							
31 DSN COVERAGE	24 [DA] 0705-0820		25 [DA] 0705-0820		26 [DAR] 0705-0820		10		40		60																										
32 DSN COVERAGE	1115 ----- 43 ----- 1515																																				
S/C 32 INITIAL CONDITIONS RTLT: 35h 7m 4s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 7m 2s																																				
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 19													APR 20																							