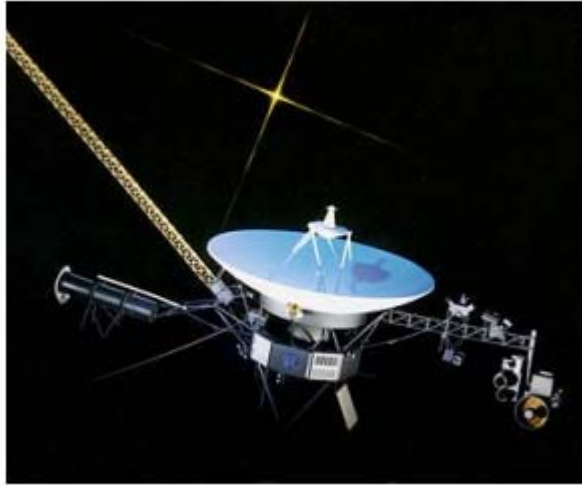


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: July 1, 2020

For the Period: 07/02/20 to 07/30/20 (20/184 – 20/212)



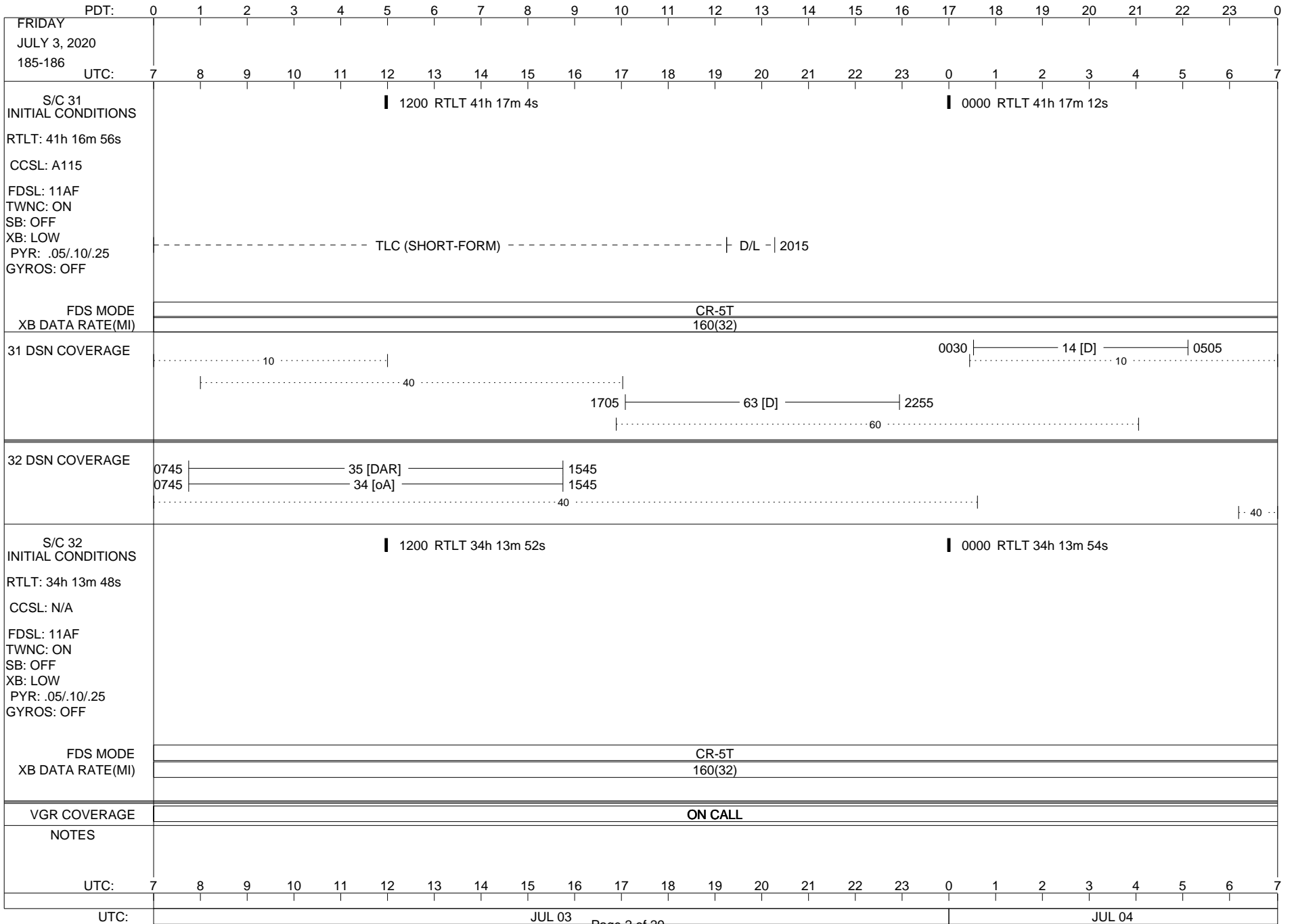
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

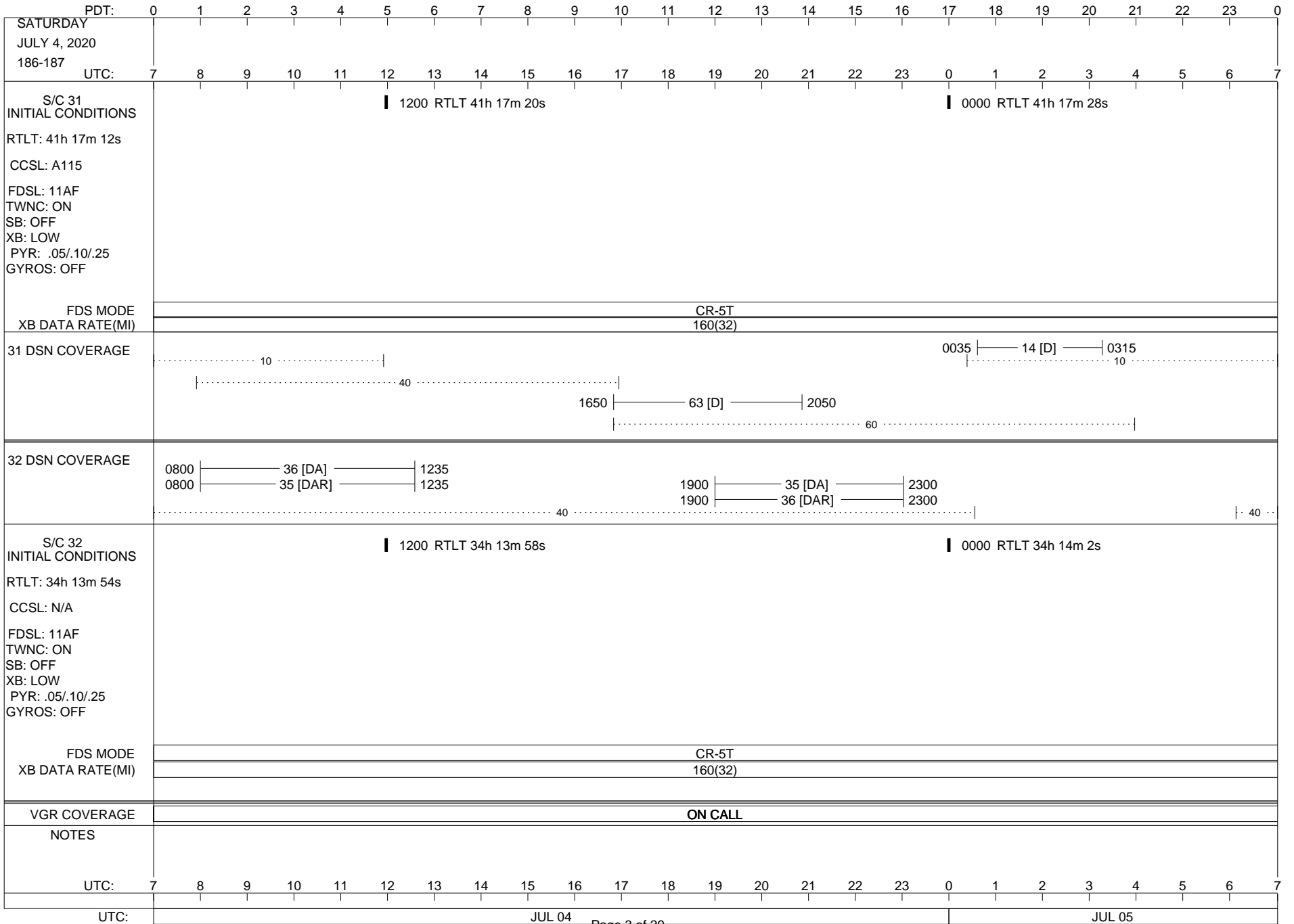
LEGEND:

- ▽ = 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

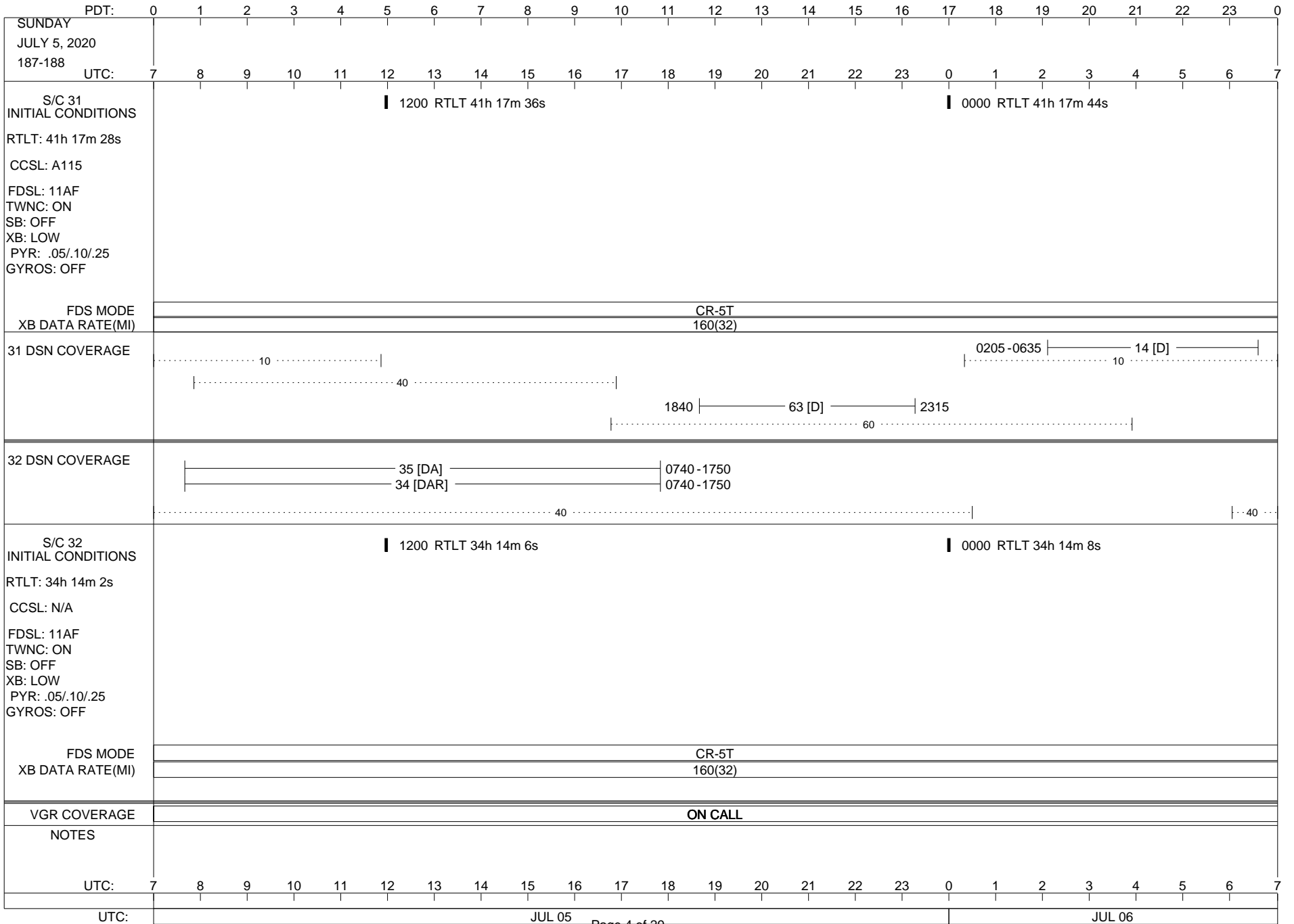
02/27/19

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THURSDAY JULY 2, 2020 184-185																														
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: 41h 16m 40s CCSL: A115 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 41h 16m 48s												| 0000 RTLT 41h 16m 56s																	
----- TLC (SHORT-FORM) -----																														
FDS MODE													CR-5T																	
XB DATA RATE(MI)													160(32)																	
31 DSN COVERAGE 10										0030-0645 |----- 14 [D] -----									 10									
	|----- 40																													
											|----- 60																			
32 DSN COVERAGE	0750 |----- 35 [DA] -----| 1340												0750 |----- 34 [DAR] -----| 1340											 40 .....			|----- 40		
S/C 32 INITIAL CONDITIONS RTLT: 34h 13m 42s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 34h 13m 44s												| 0000 RTLT 34h 13m 48s																	
FDS MODE													CR-5T																	
XB DATA RATE(MI)													160(32)																	
VGR COVERAGE	ON CALL																													
NOTES	JPL HOLIDAY!																													
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:	JUL 02													Page 1 of 29											JUL 03					

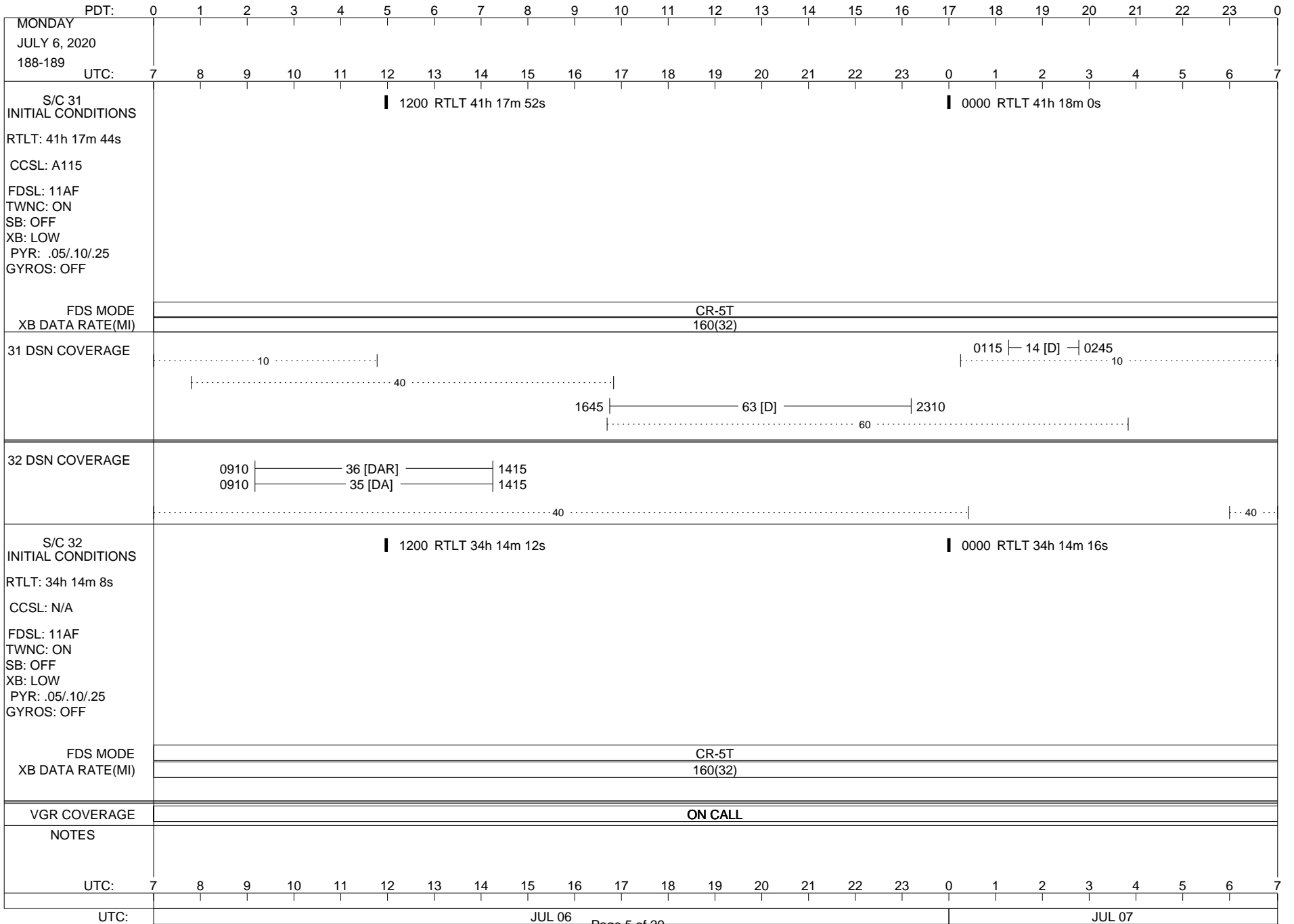


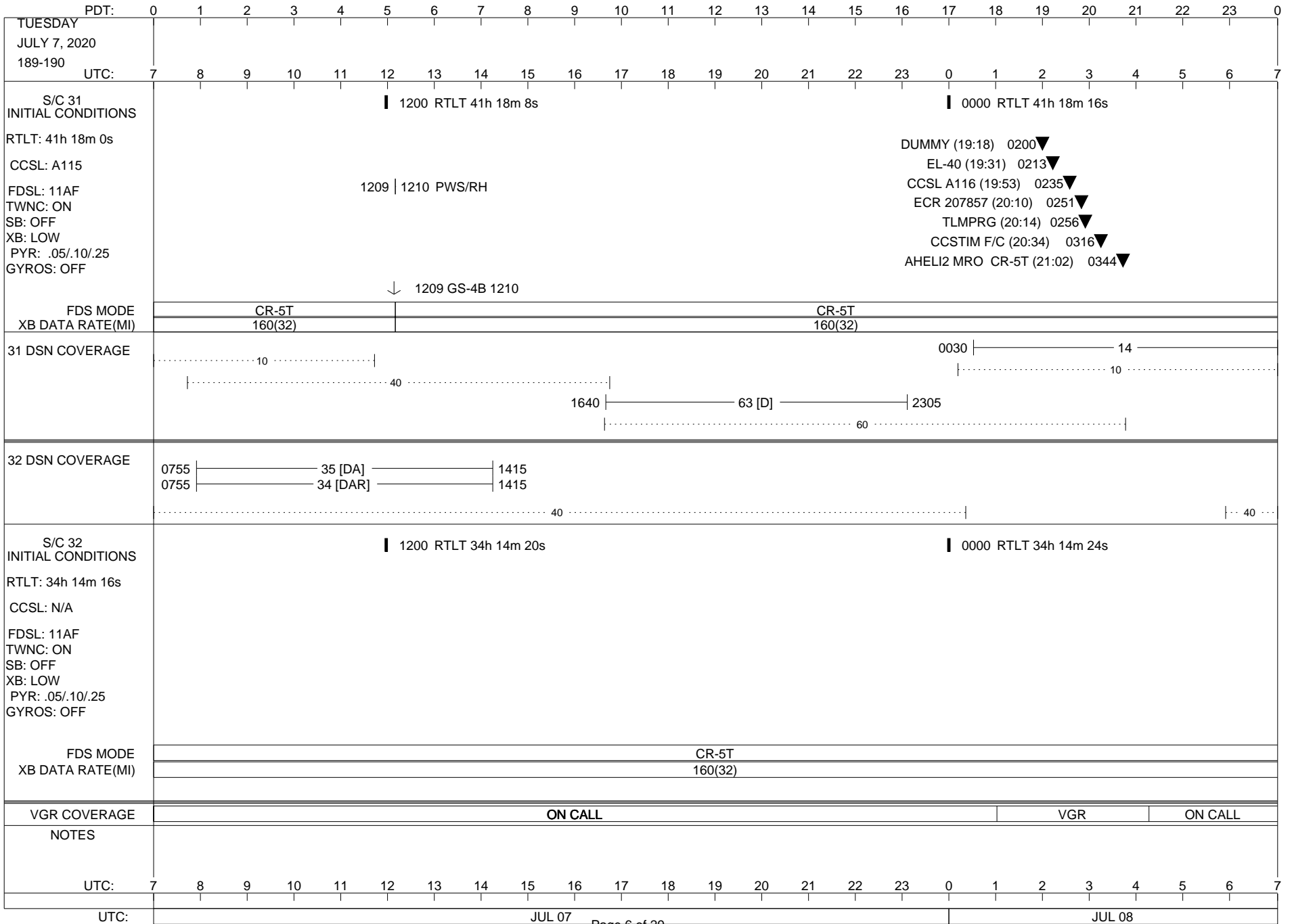


ISSUE DATE: 07/01/20 10:44



ISSUE DATE: 07/01/20 10:44





ISSUE DATE: 07/01/20 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
JULY 8, 2020
190-191

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: 41h 18m 16s
CCSL: A115
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

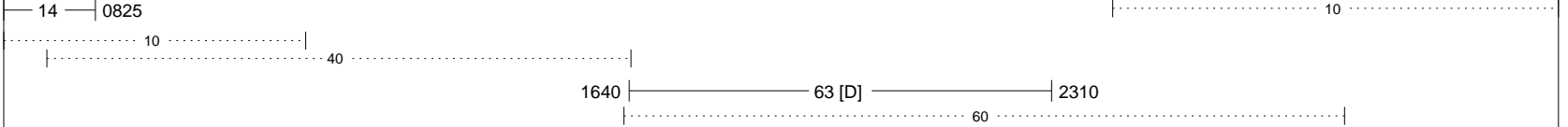
1200 RTLTL 41h 18m 26s

0000 RTLTL 41h 18m 34s

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS
RTLTL: 34h 14m 24s
CCSL: N/A
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLTL 34h 14m 28s

0000 RTLTL 34h 14m 32s

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

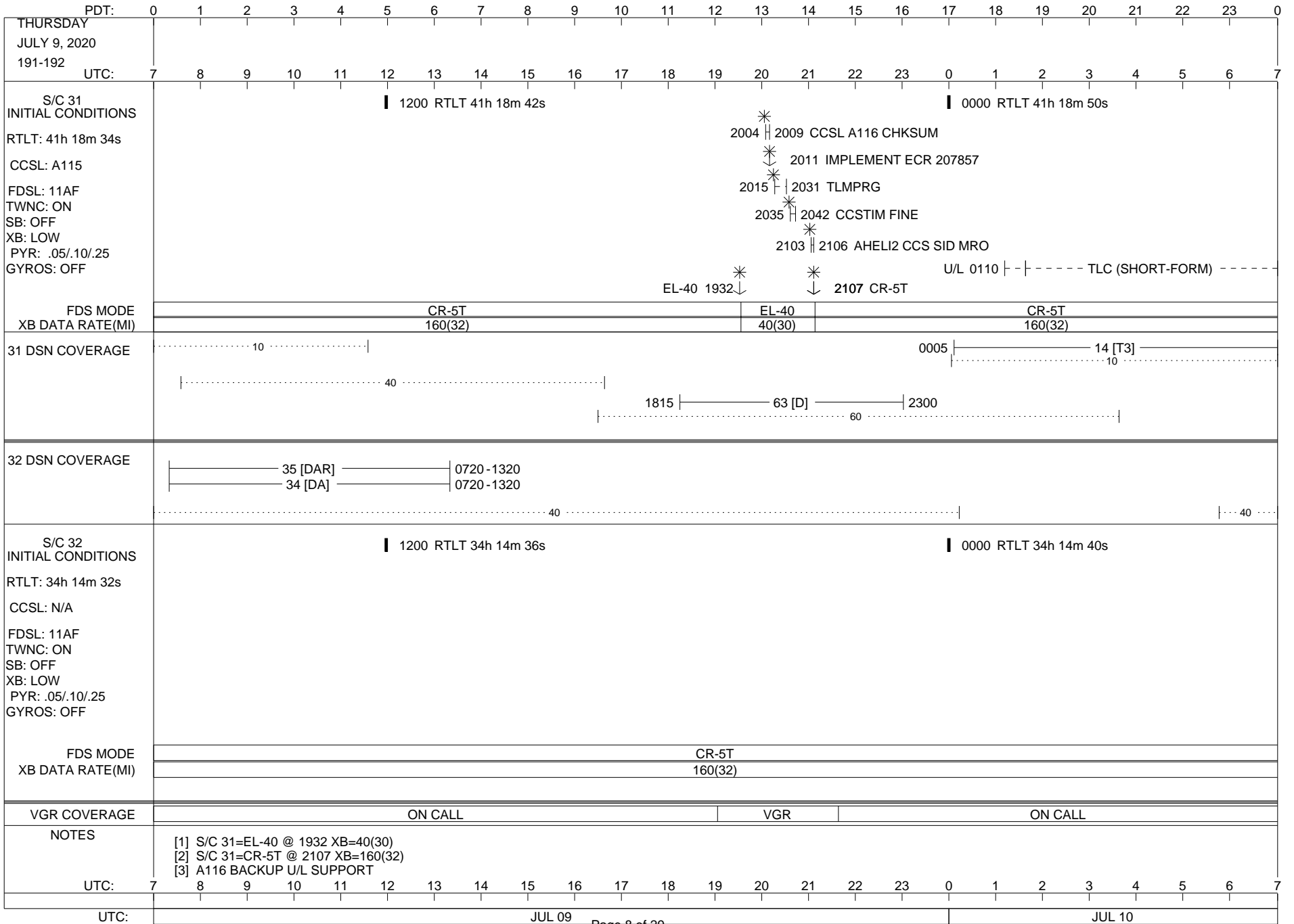
VGR COVERAGE

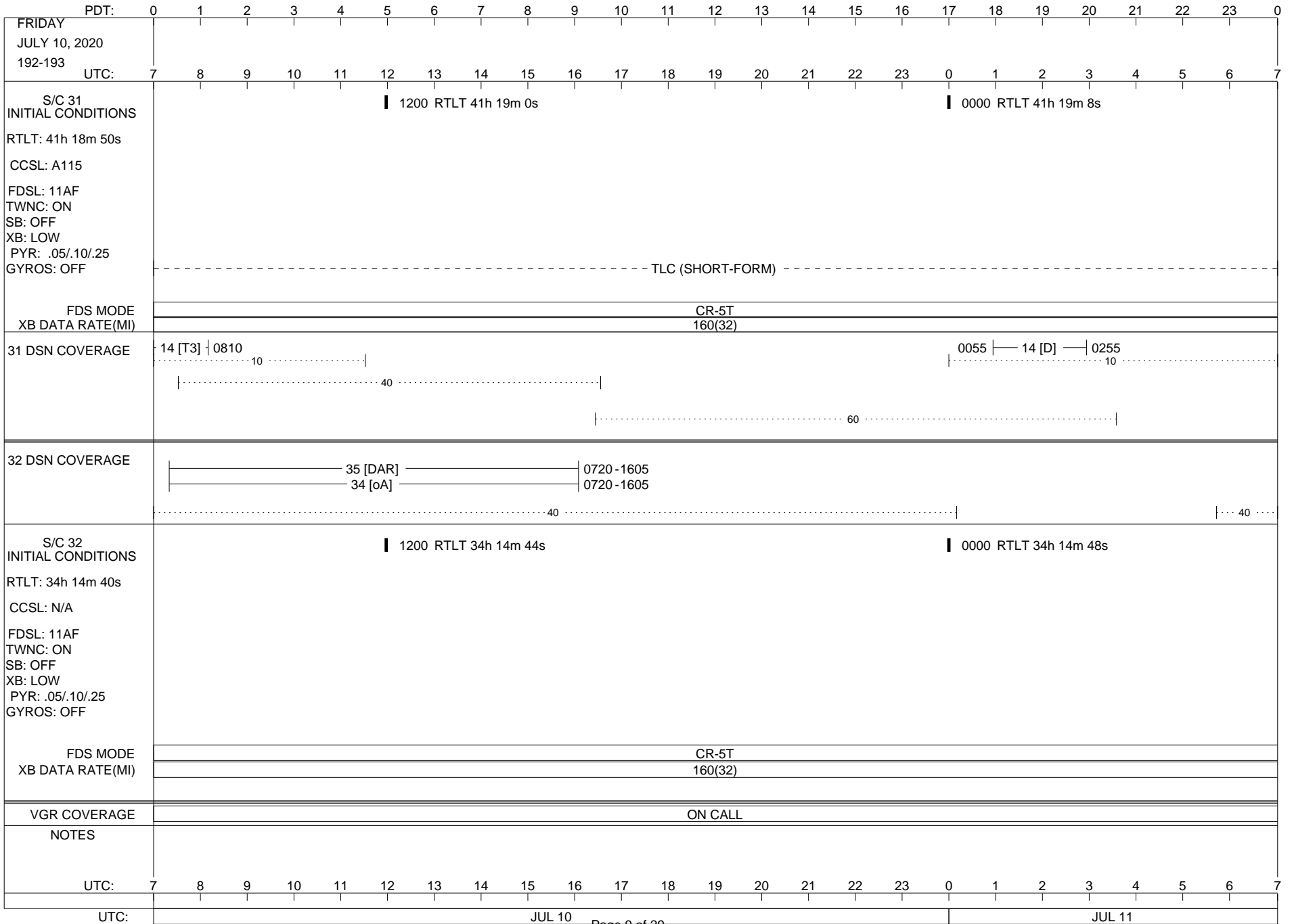
ON CALL

NOTES

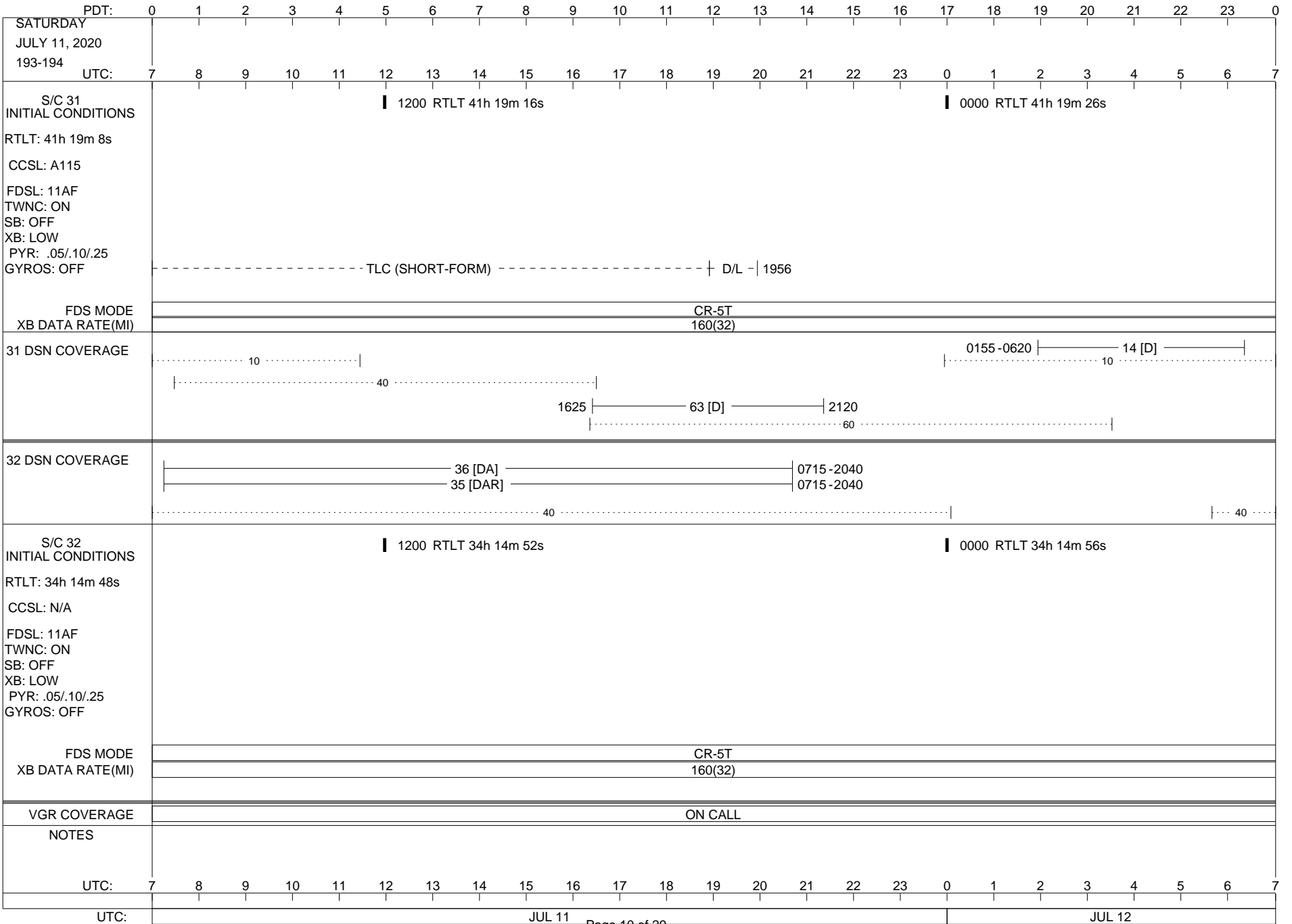
UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

UTC: JUL 08 Page 7 of 29 JUL 09

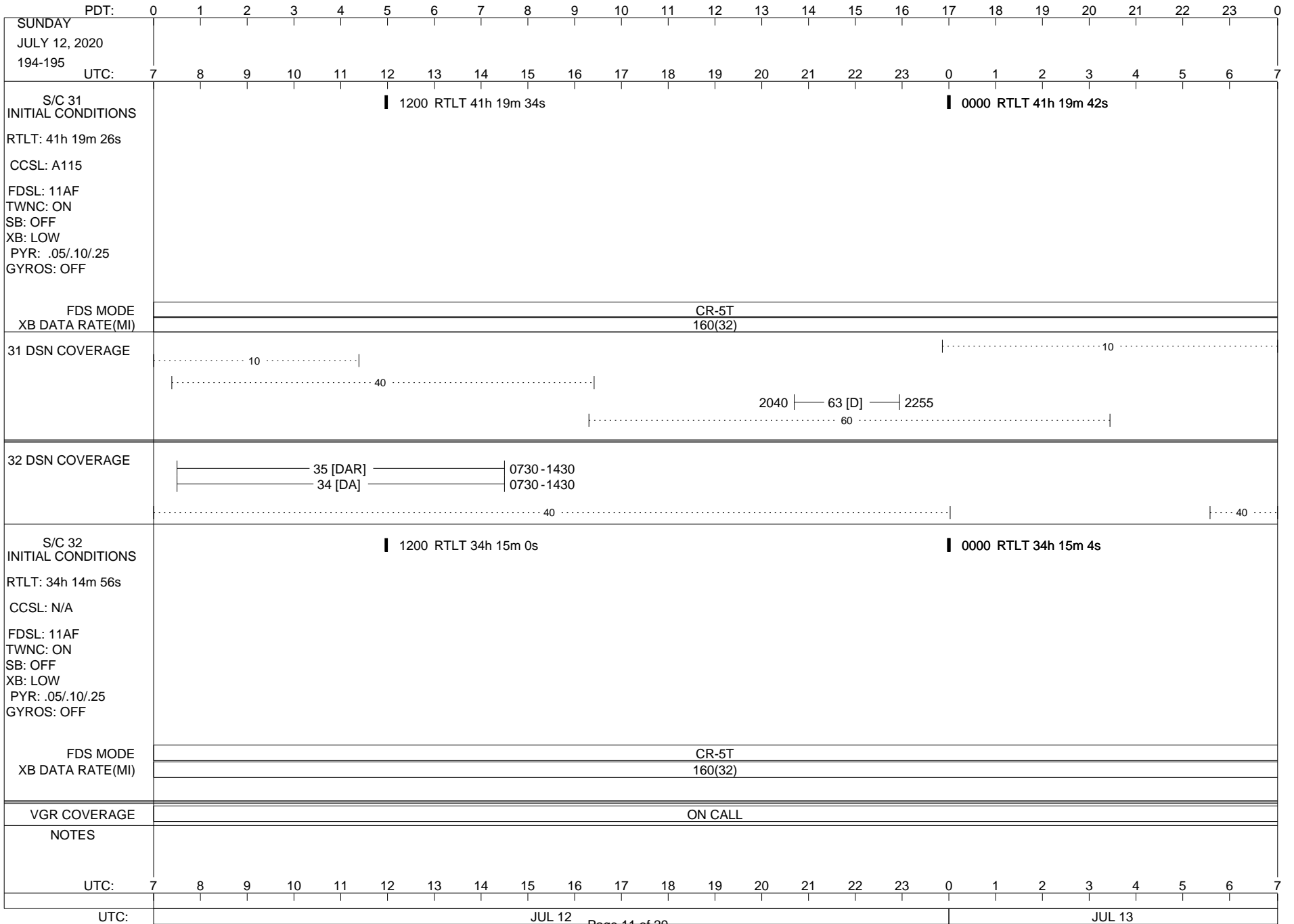




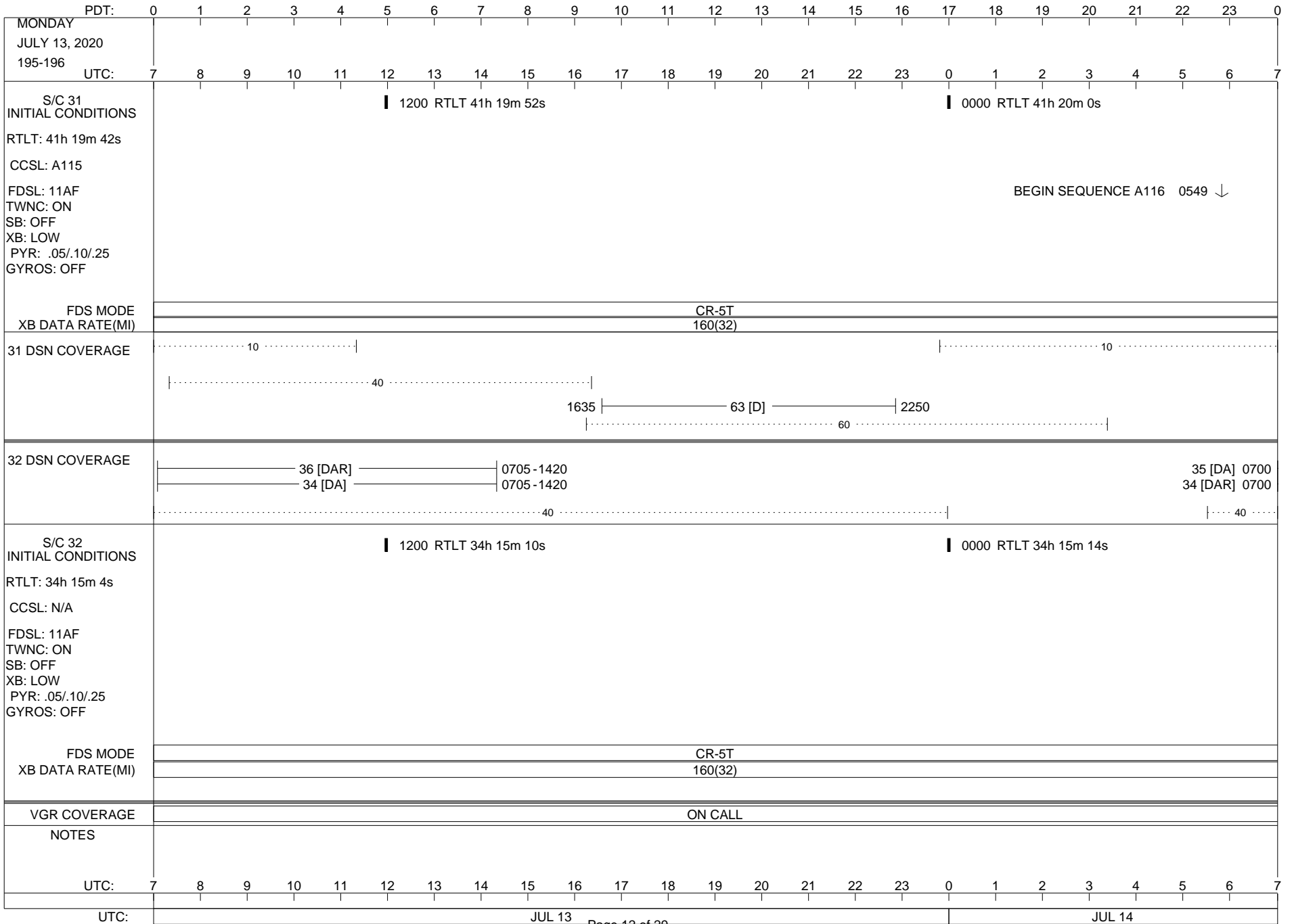
ISSUE DATE: 07/01/20 10:44



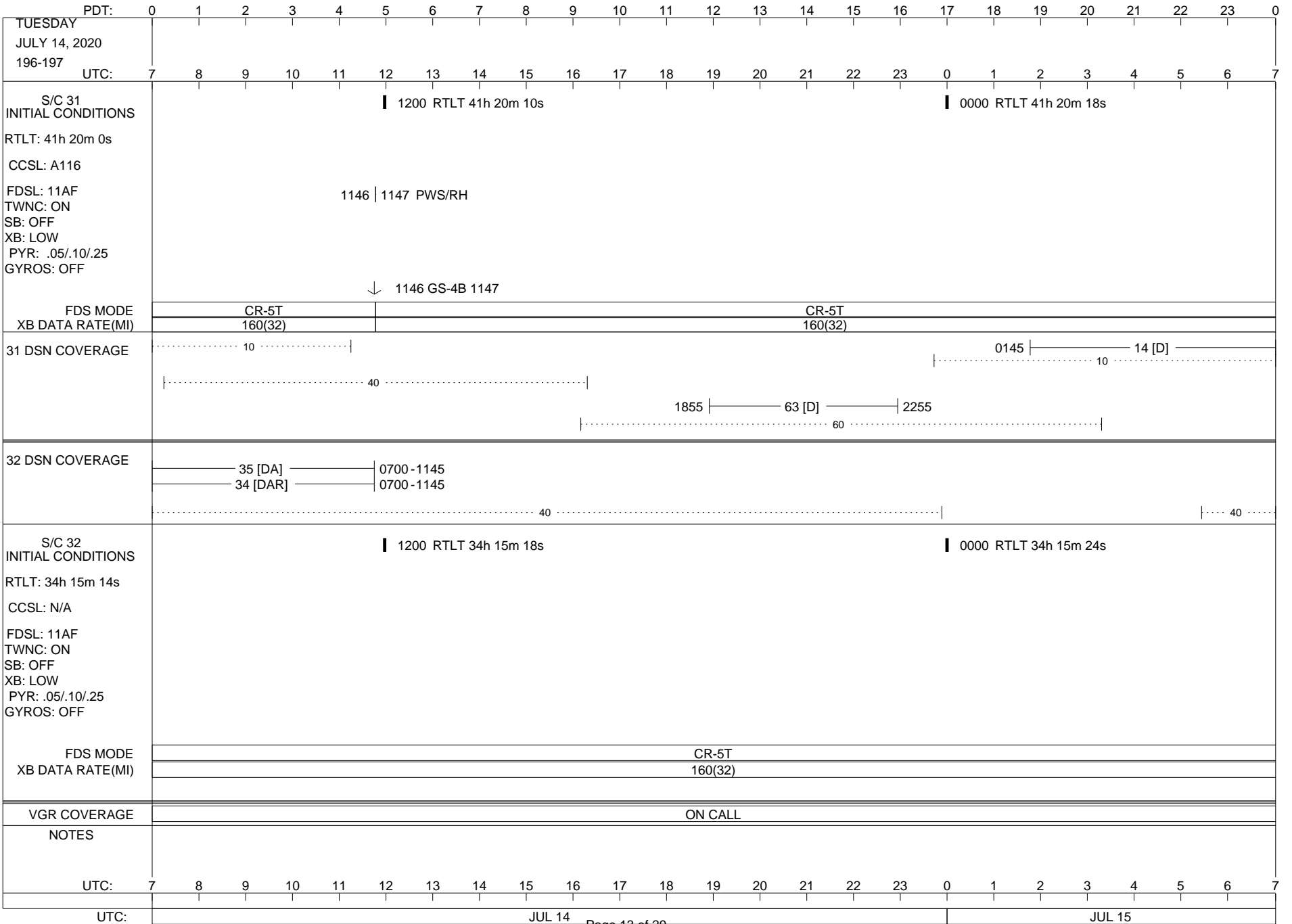
ISSUE DATE: 07/01/20 10:44



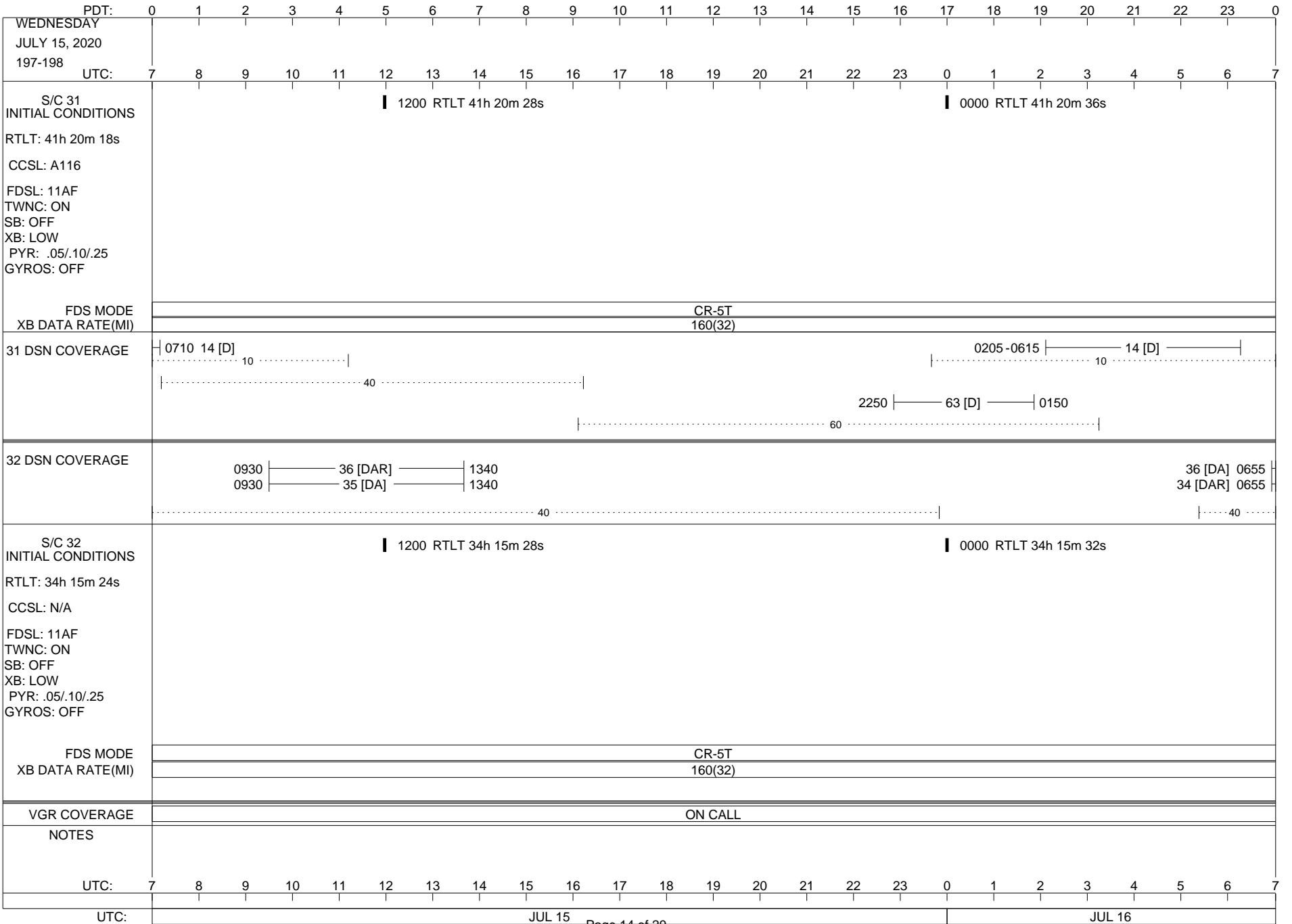
ISSUE DATE: 07/01/20 10:44



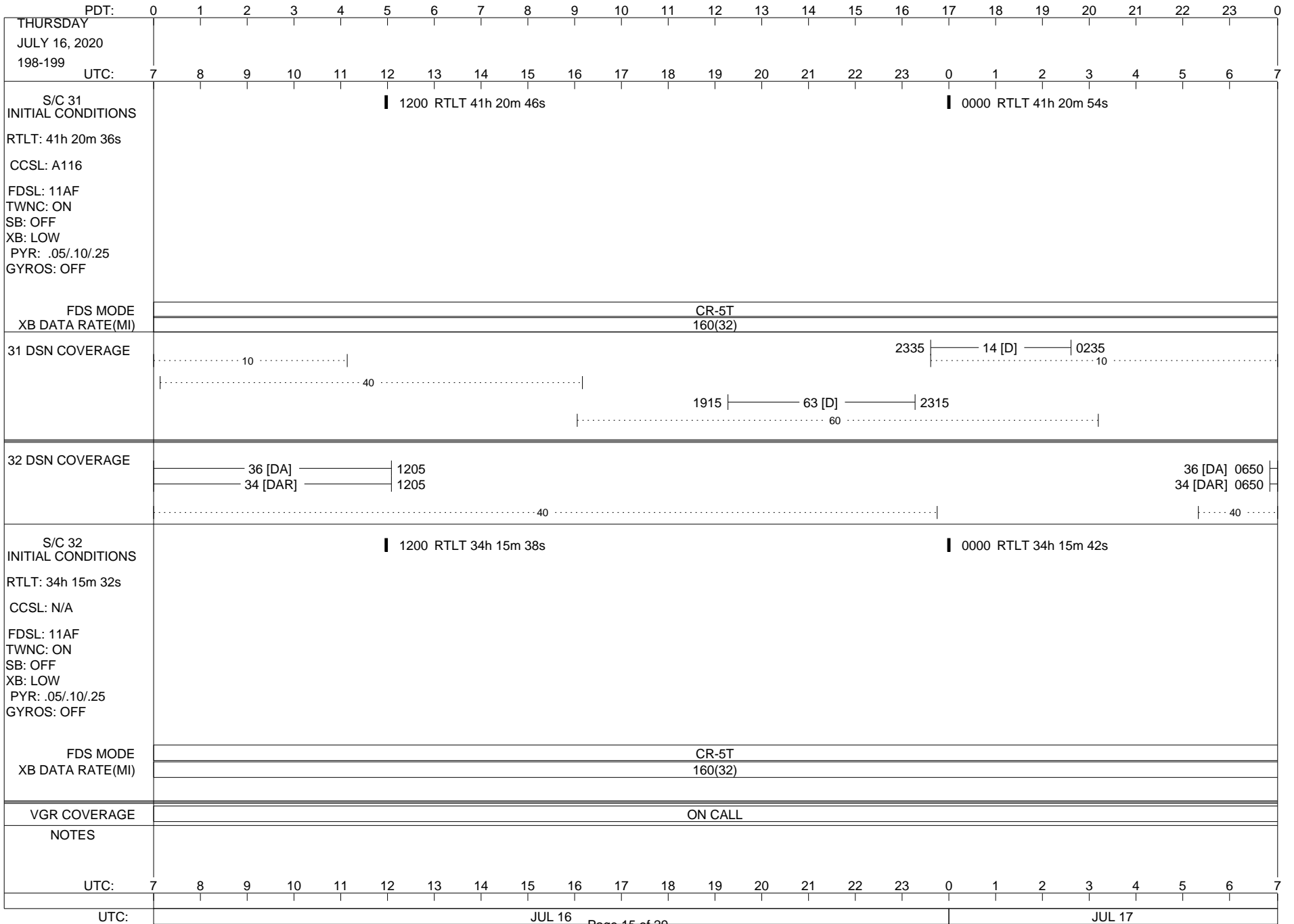
ISSUE DATE: 07/01/20 10:44



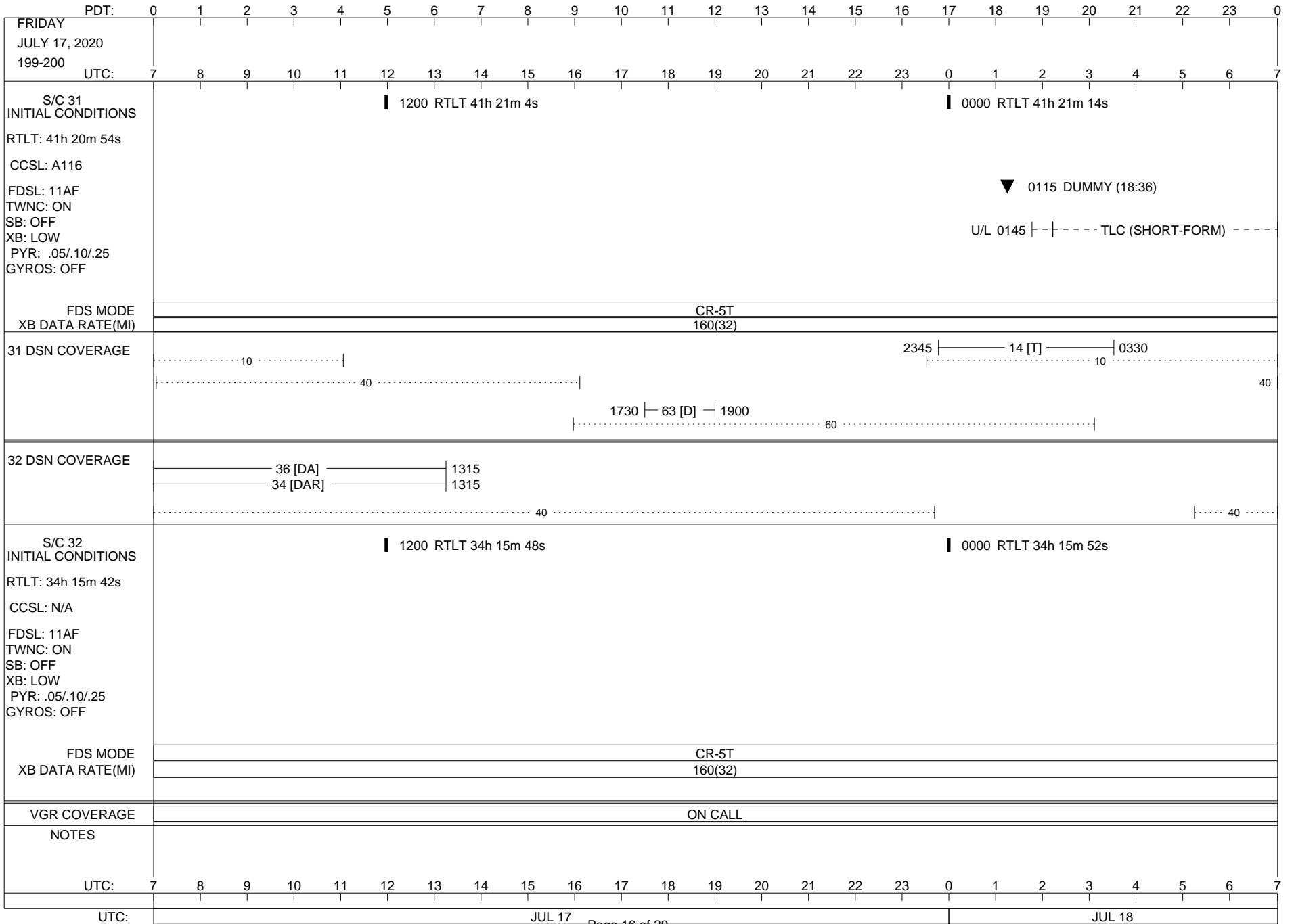
ISSUE DATE: 07/01/20 10:44



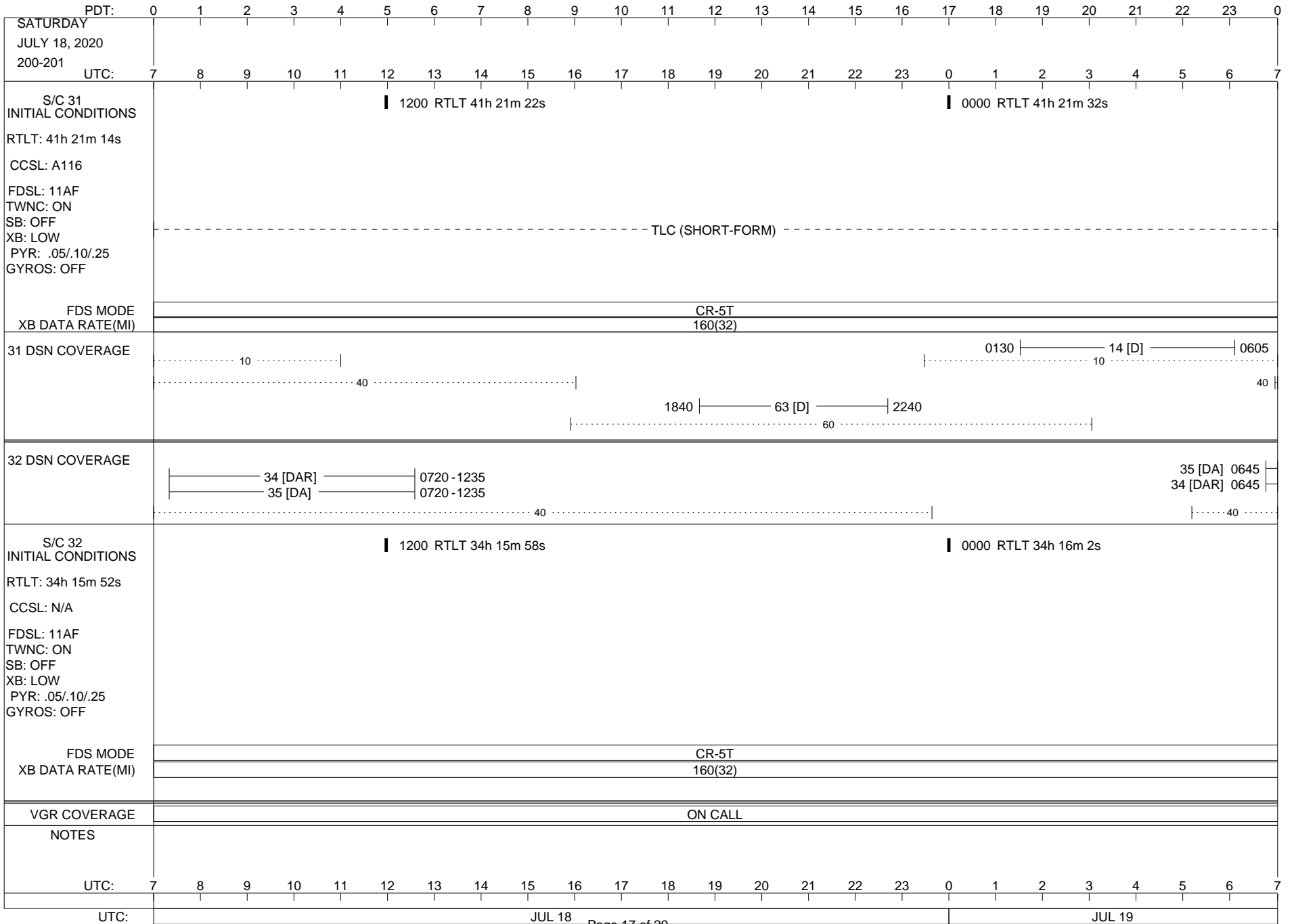
ISSUE DATE: 07/01/20 10:44



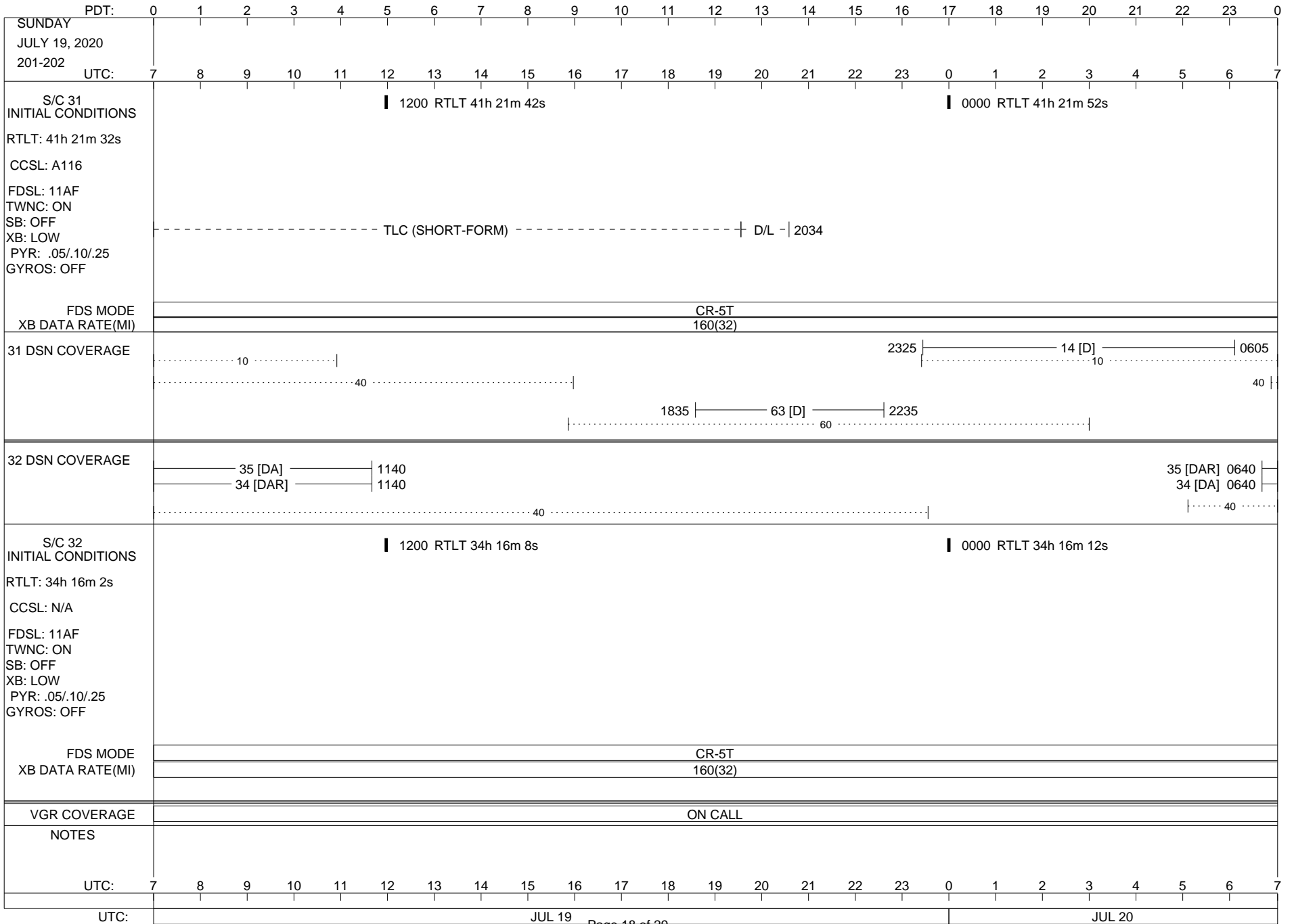
ISSUE DATE: 07/01/20 10:44



ISSUE DATE: 07/01/20 10:44

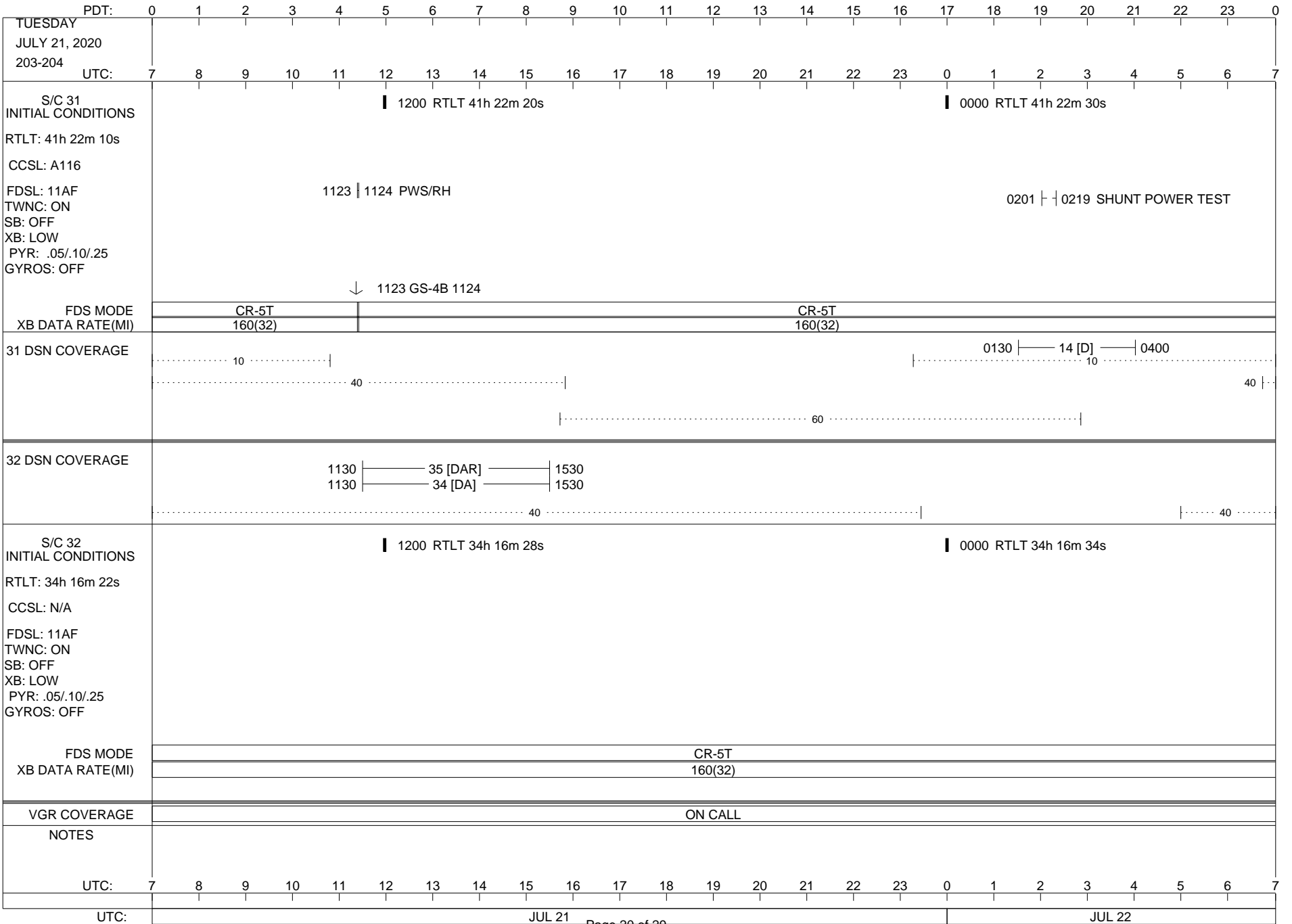


ISSUE DATE: 07/01/20 10:44



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	
MONDAY JULY 20, 2020 202-203																										
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: 41h 21m 52s CCSL: A116 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 41h 22m 0s															█ 0000 RTLT 41h 22m 10s					
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	.....10.....|												|.....0015|-----14 [D]-----|0415											
	.....40.....|												|.....10.....											
	|.....40.....|												|.....40.....											
	|.....60.....|												|.....60.....|													
32 DSN COVERAGE	-----35 [DAR]-----|1110																									
	-----34 [DA]-----|1110																									
	.....40.....|												|.....40.....											
S/C 32 INITIAL CONDITIONS RTLT: 34h 16m 12s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 34h 16m 18s																				
																						█ 0000 RTLT 34h 16m 22s				
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:	JUL 20													JUL 21												

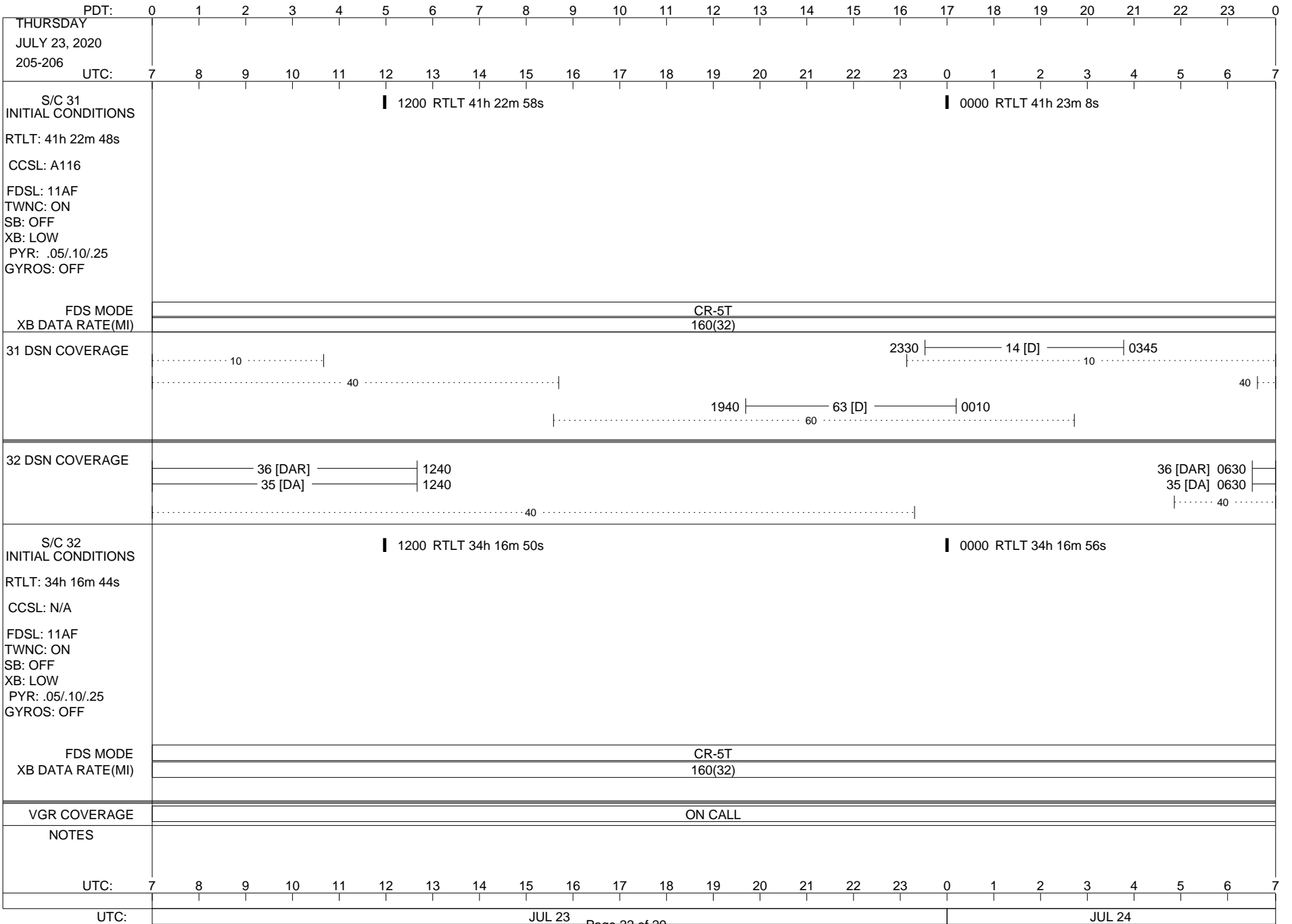
ISSUE DATE: 07/01/20 10:44



ISSUE DATE: 07/01/20 10:44

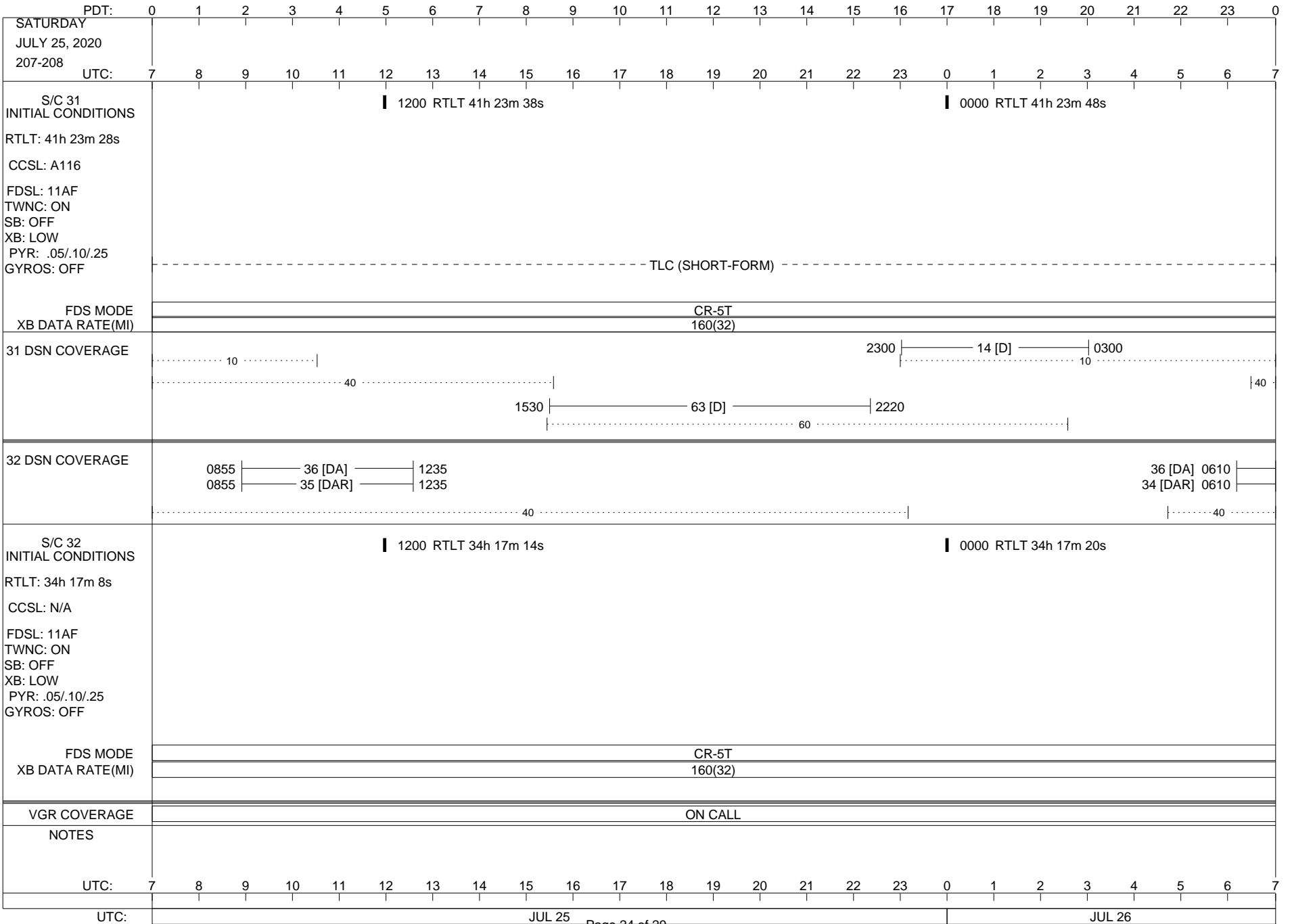
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
WEDNESDAY JULY 22, 2020 204-205																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 41h 22m 30s CCSL: A116 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 41h 22m 38s												| 0000 RTLT 41h 22m 48s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	..... 10 .....|												2335 |----- 14 [D] -----| 0205											
	..... 40 .....|												..... 10 .....|												
	|..... 60 .....|												40 |..												
32 DSN COVERAGE	0820 |--- 35 [DAR] ---| 1005												36 [DAR] 0645 |												
	0820 |--- 34 [DA] ---| 1005												35 [DA] 0645 |												
	..... 40 .....|												|..... 40											
S/C 32 INITIAL CONDITIONS RTLT: 34h 16m 34s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 34h 16m 40s												| 0000 RTLT 34h 16m 44s												
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:	JUL 22												JUL 23												

ISSUE DATE: 07/01/20 10:44

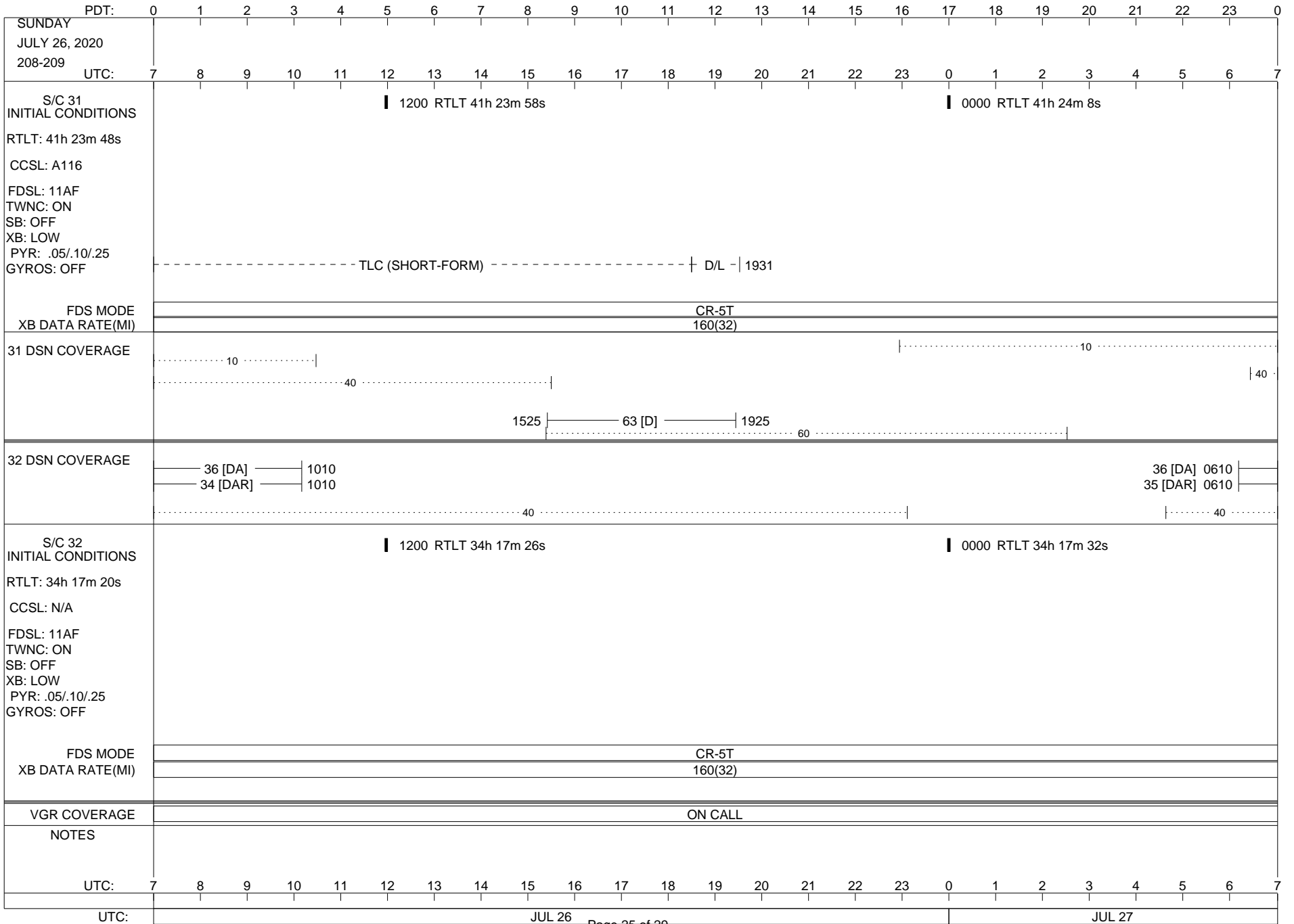


PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	
FRIDAY JULY 24, 2020 206-207																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLT: 41h 23m 8s CCSL: A116 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 41h 23m 18s												| 0000 RTLT 41h 23m 28s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	.....10 .....|												2320 |----- 14 [T] -----| 0200												
	.....40 .....|												|----- 10 .....|40												
	|----- 1630 |----- 63 [D] -----| 1820												.....60 .....|													
32 DSN COVERAGE	----- 36 [DAR] -----| 1055																									
	----- 35 [DA] -----| 1055																									
	.....40 .....|												|----- 40 .....|													
S/C 32 INITIAL CONDITIONS RTLT: 34h 16m 56s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 34h 17m 2s												| 0000 RTLT 34h 17m 8s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												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:	JUL 24												JUL 25													

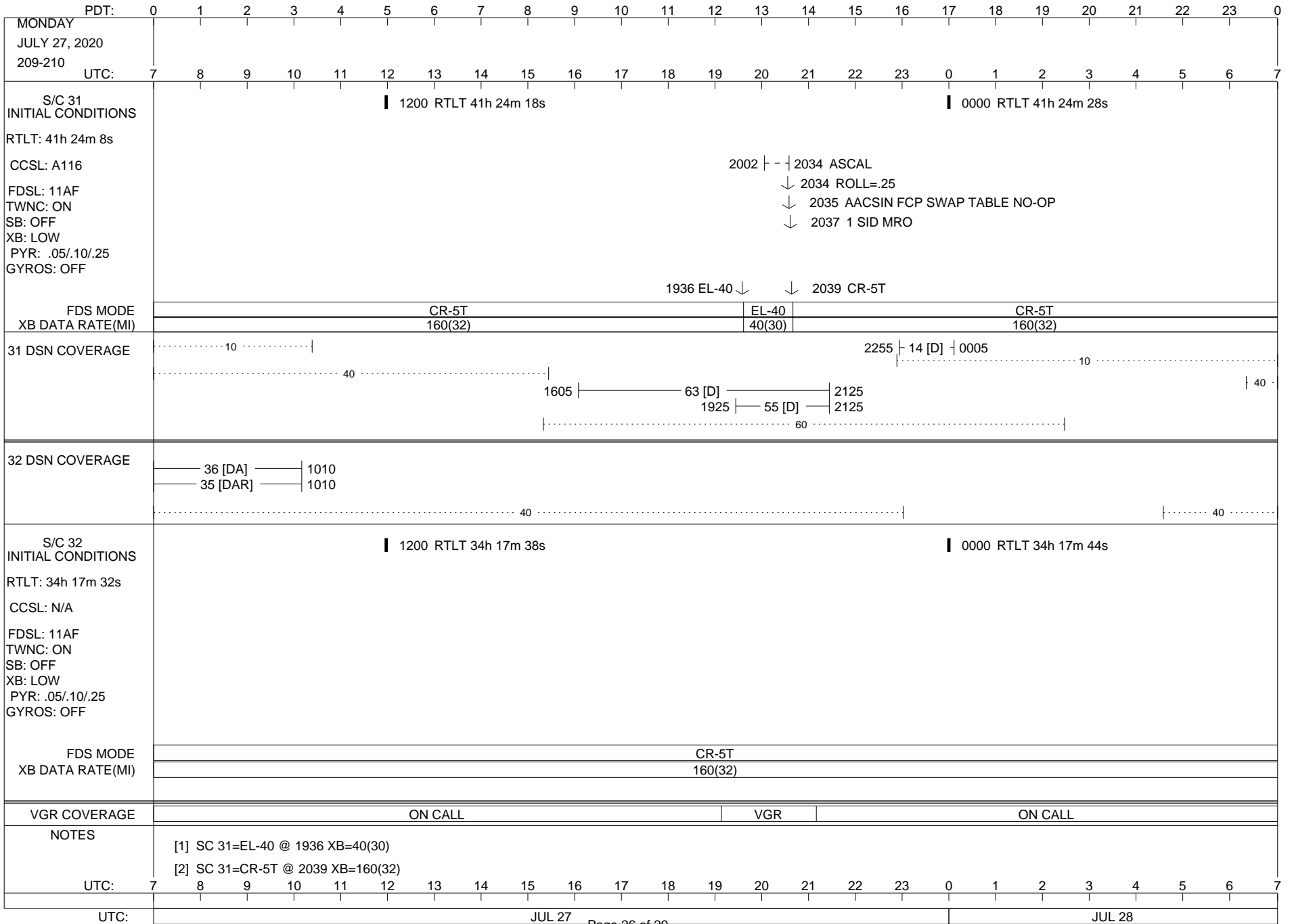
ISSUE DATE: 07/01/20 10:44



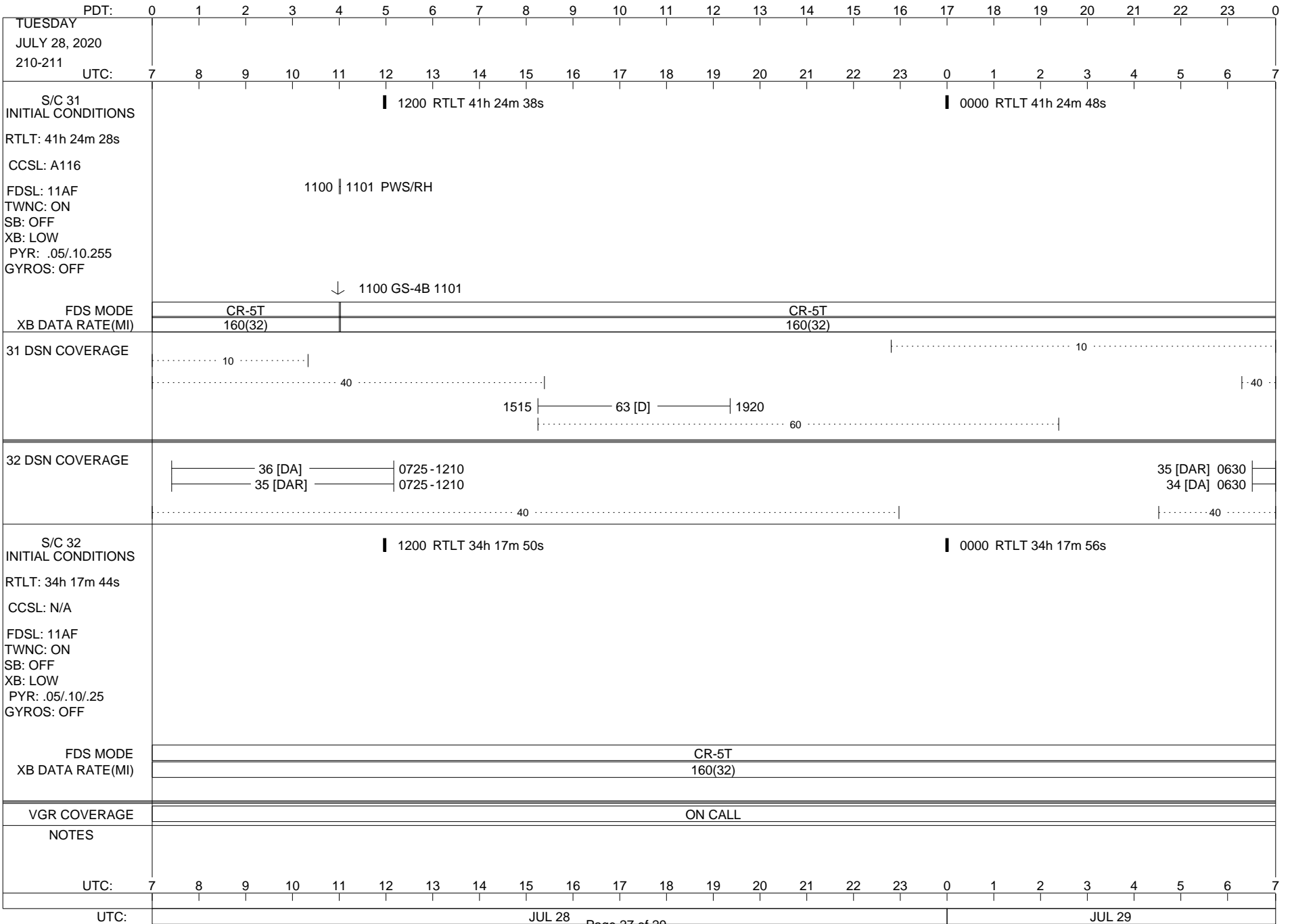
ISSUE DATE: 07/01/20 10:44



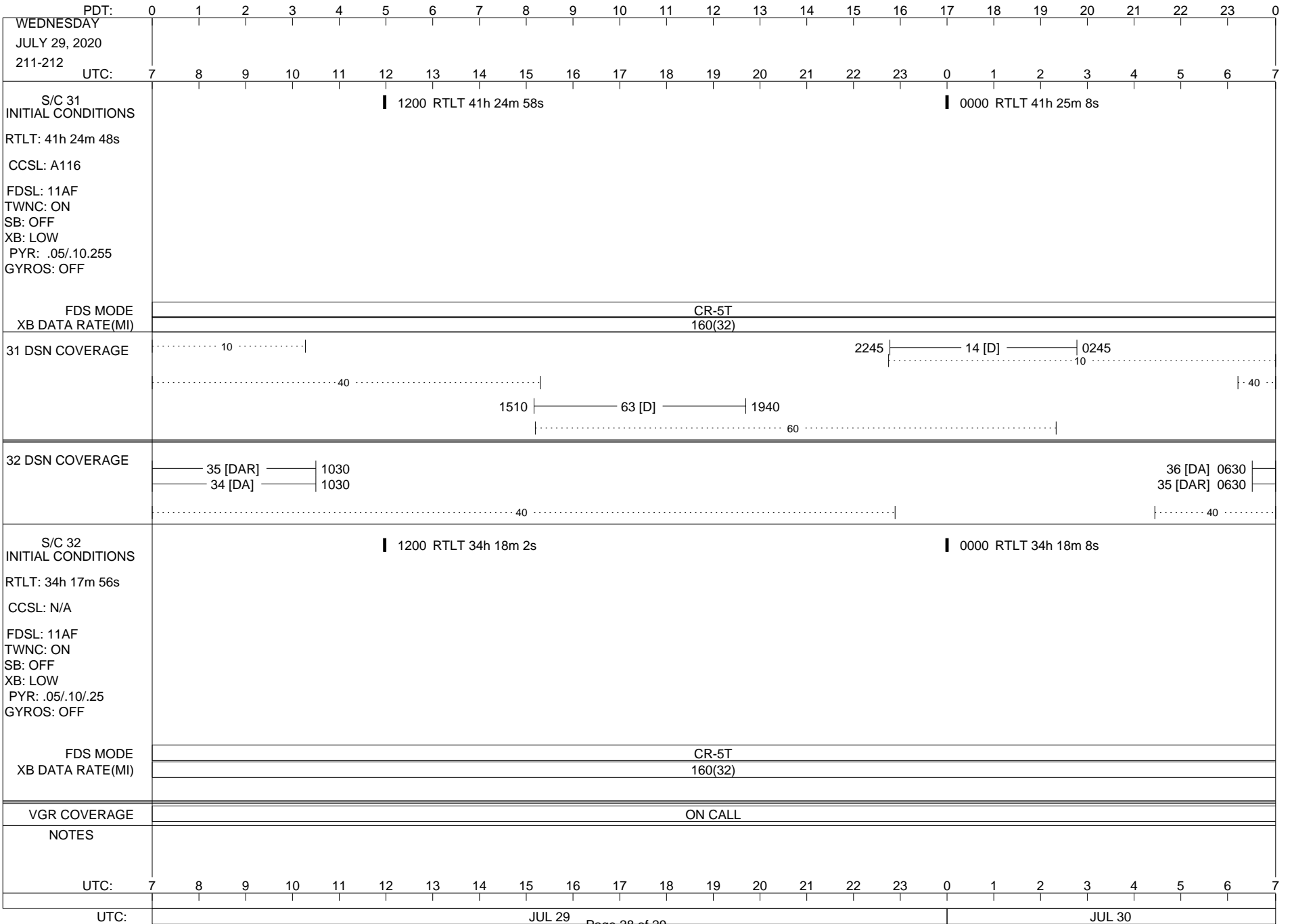
ISSUE DATE: 07/01/20 10:44



ISSUE DATE: 07/01/20 10:44



ISSUE DATE: 07/01/20 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		
THURSDAY JULY 30, 2020 212-213	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: 41h 25m 8s CCSL: A116 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10.255 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 41h 25m 20s</p>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<p>.....10 .....|</p> <p>..... 40 .....|</p> <p style="text-align: center;">1510 | 63 [D] | 1635</p>																										
32 DSN COVERAGE	<p>——— 36 [DA] ———| 1030</p> <p>——— 35 [DAR] ———| 1030</p> <p>..... 40 .....|</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 34h 18m 8s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 34h 18m 14s</p>																										
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:	JUL 30													JUL 31													