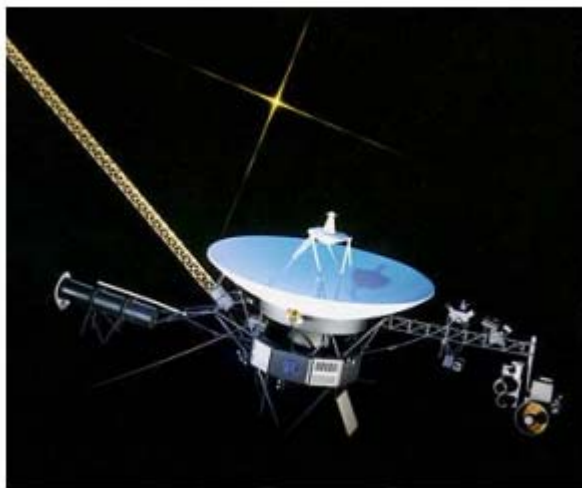


# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: July 20, 2022

For the Period: 07/21/22 to 08/08/22 (22/202 – 22/220)

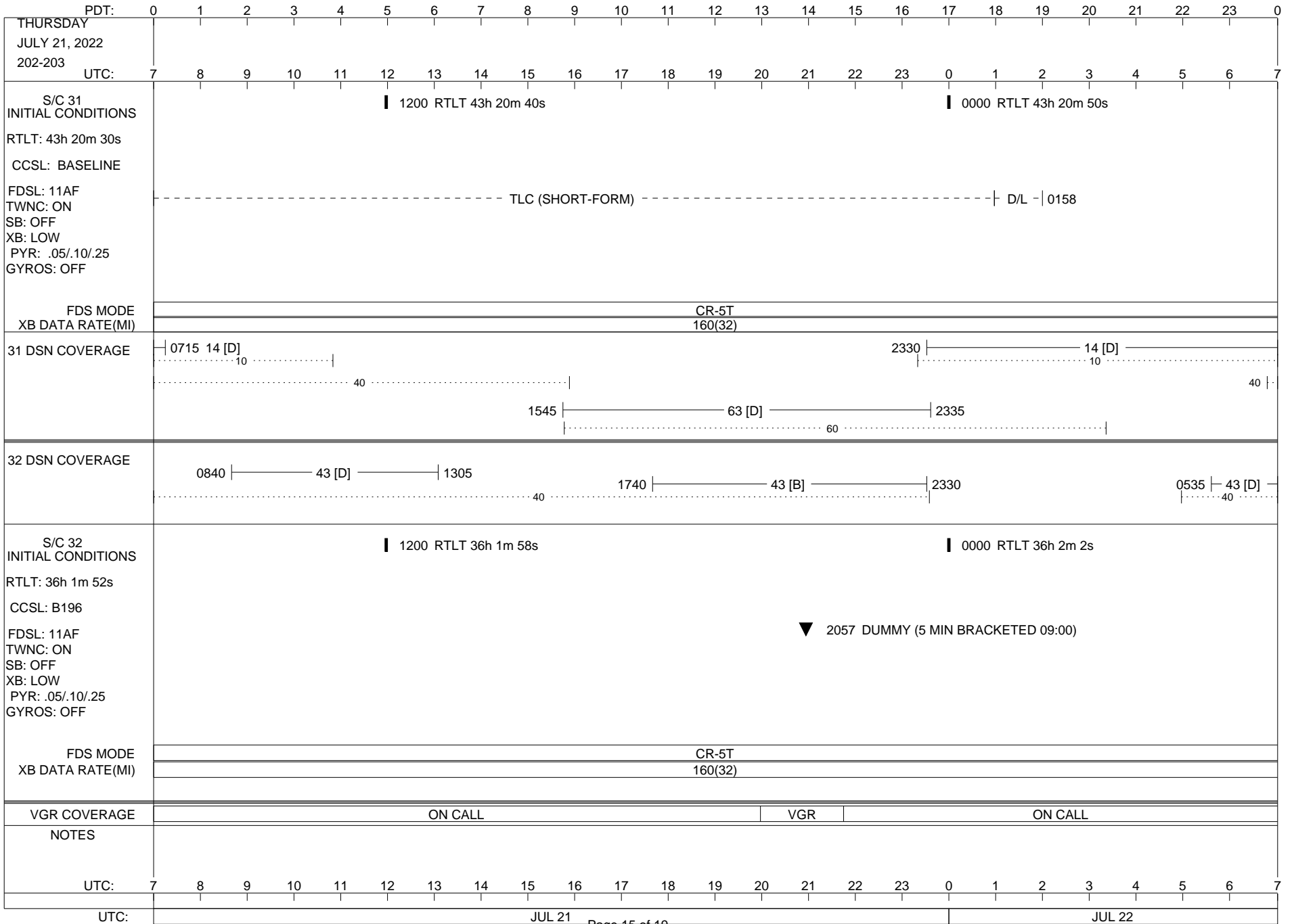


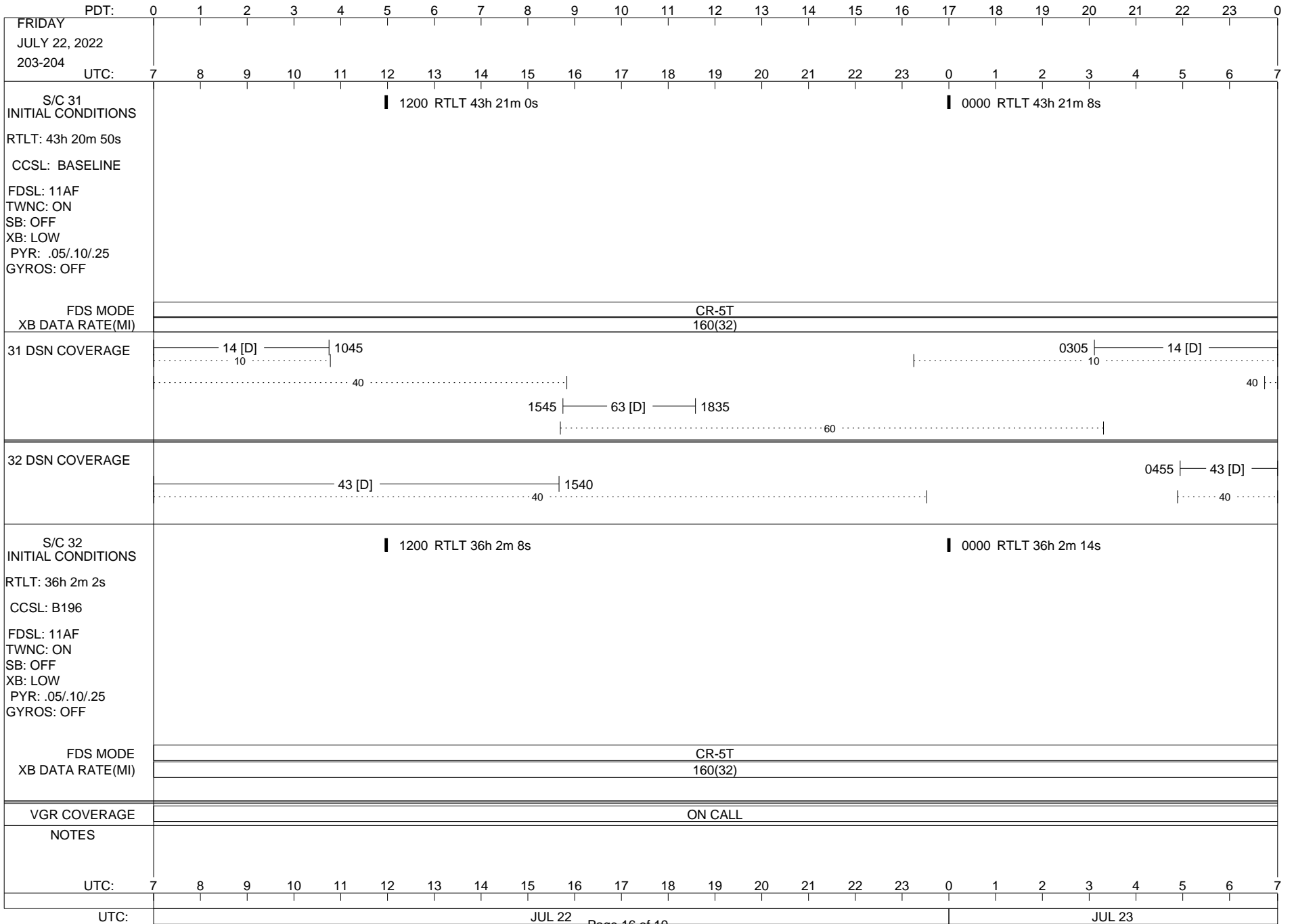
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

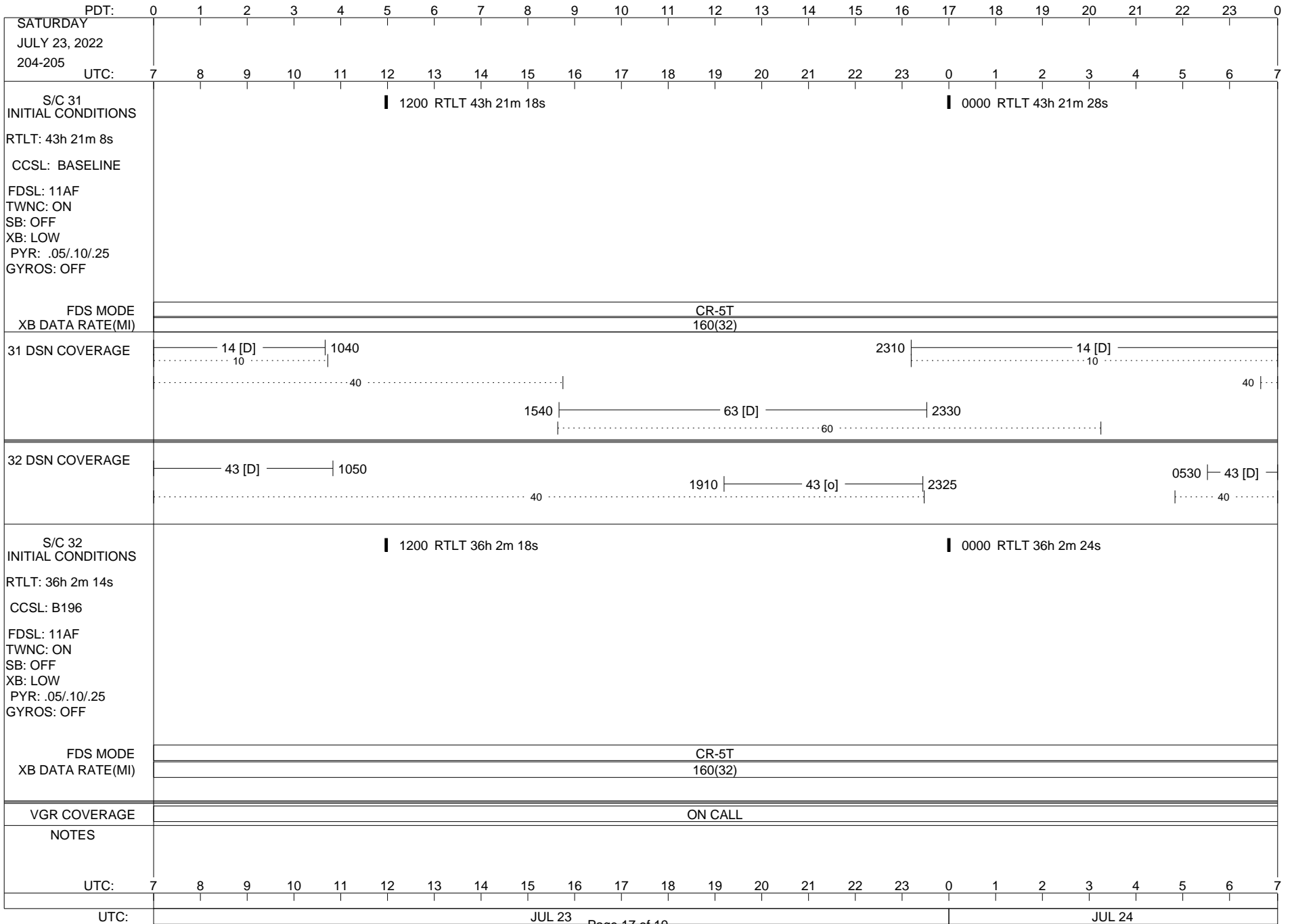
**LEGEND:**

- ▽ = 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

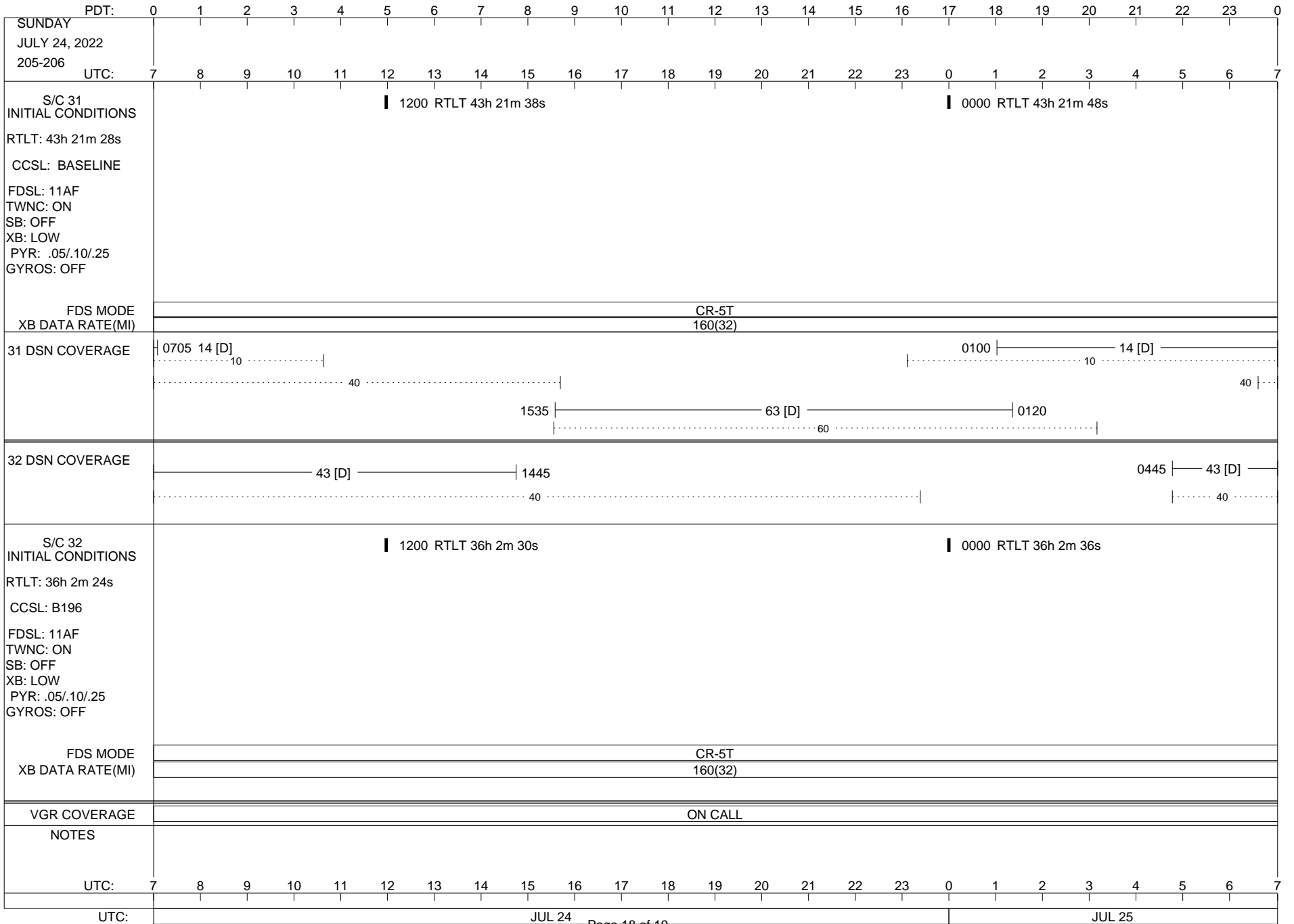
02/27/19



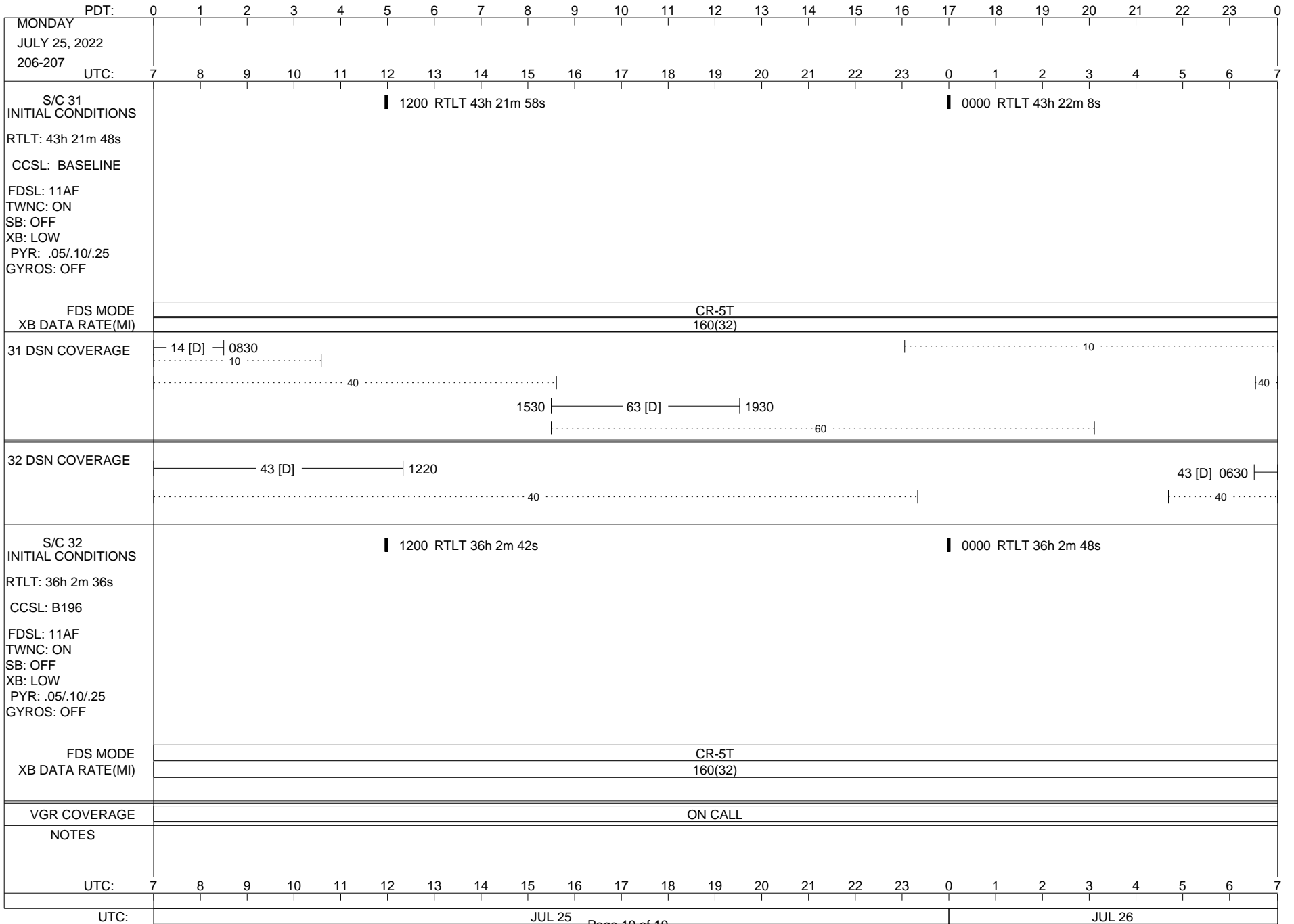


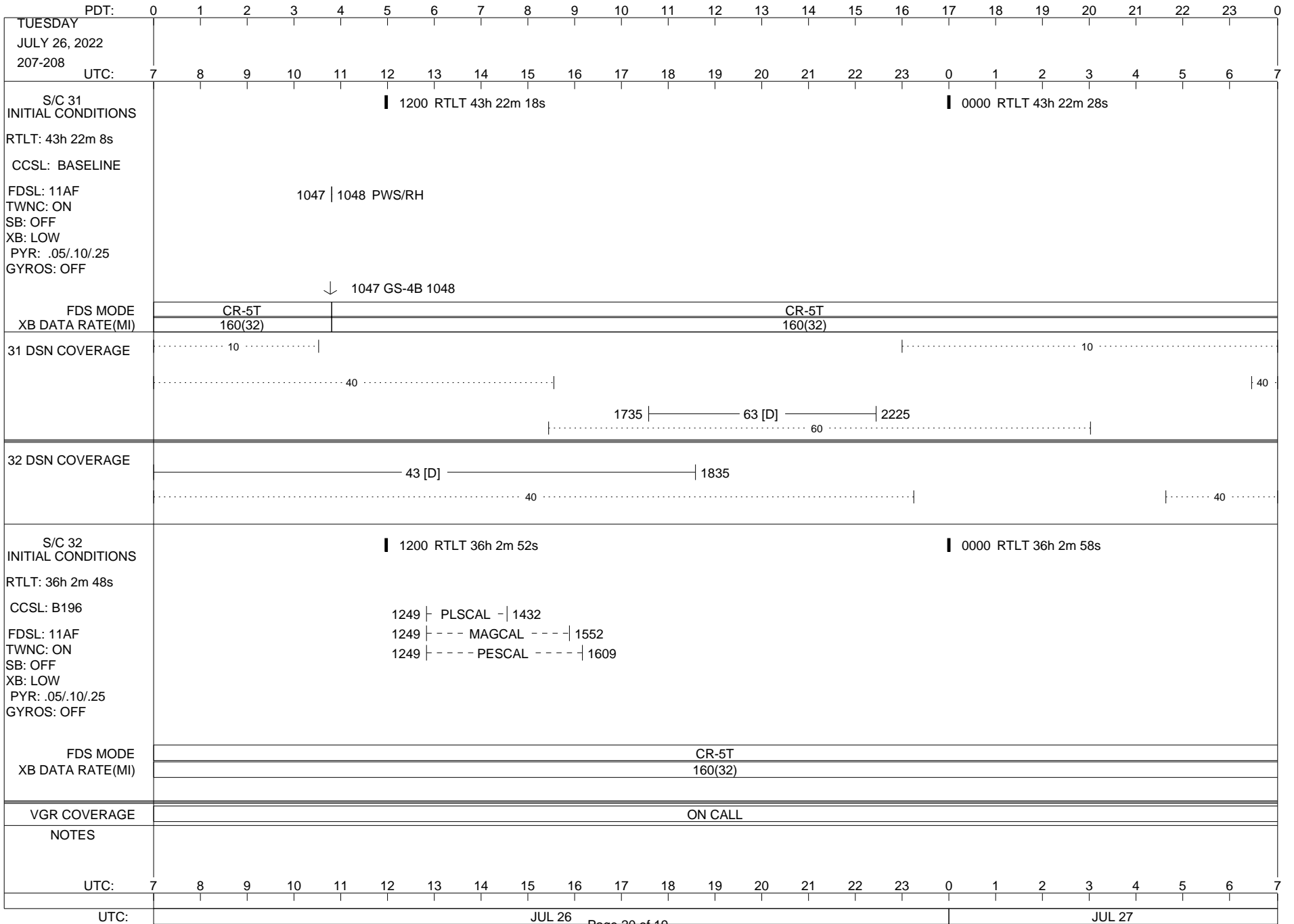


ISSUE DATE: 07/20/22 10:59

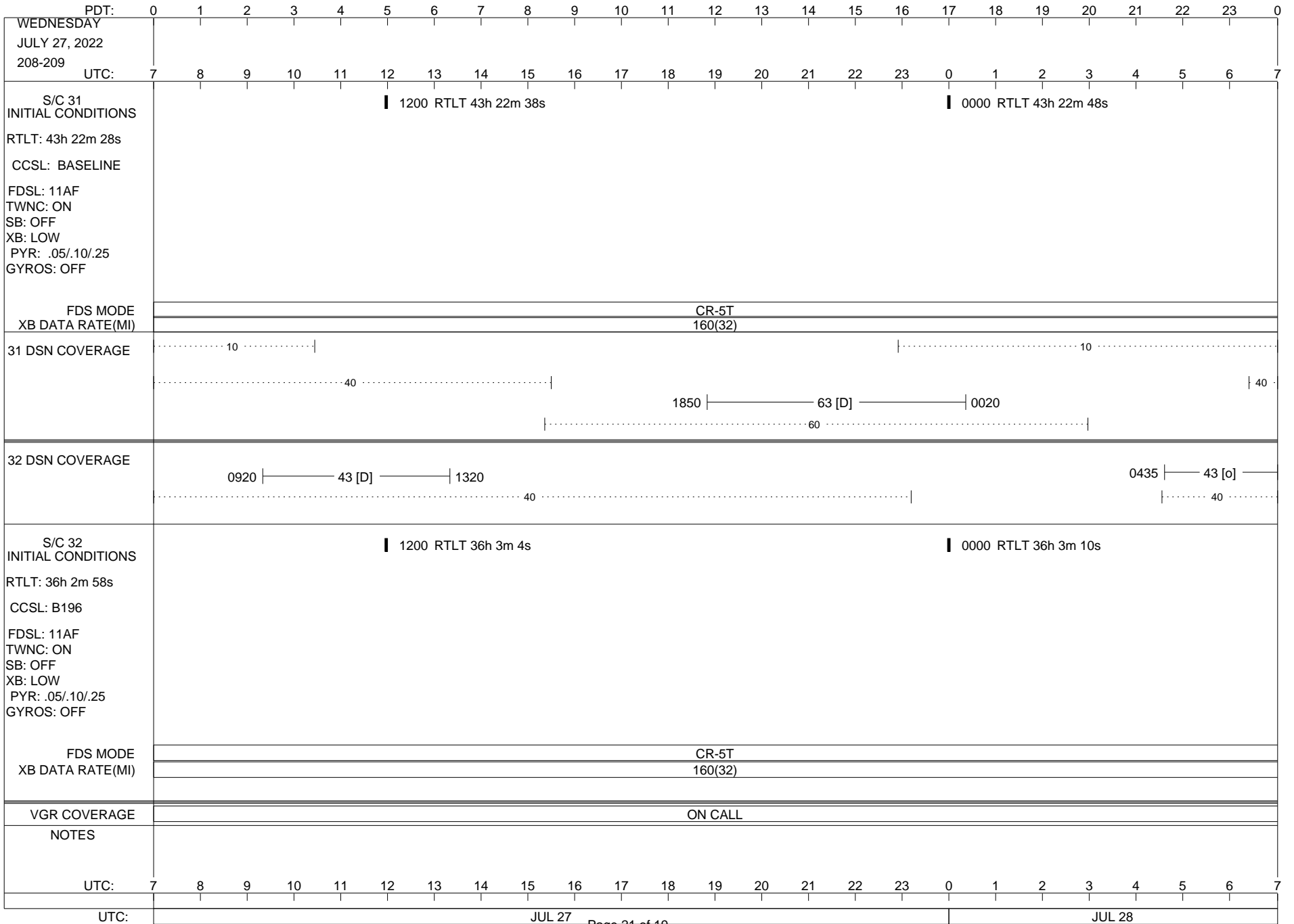


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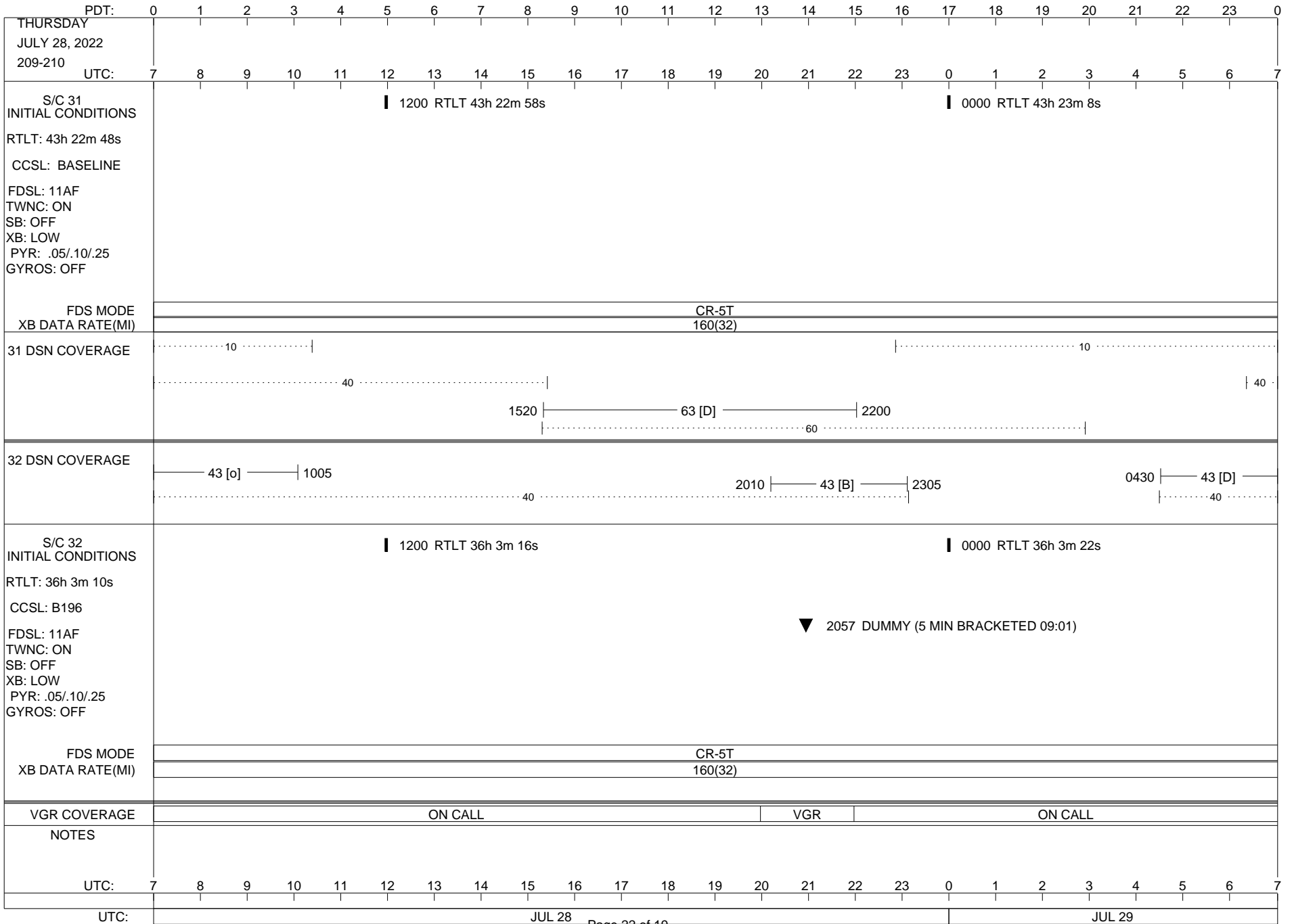


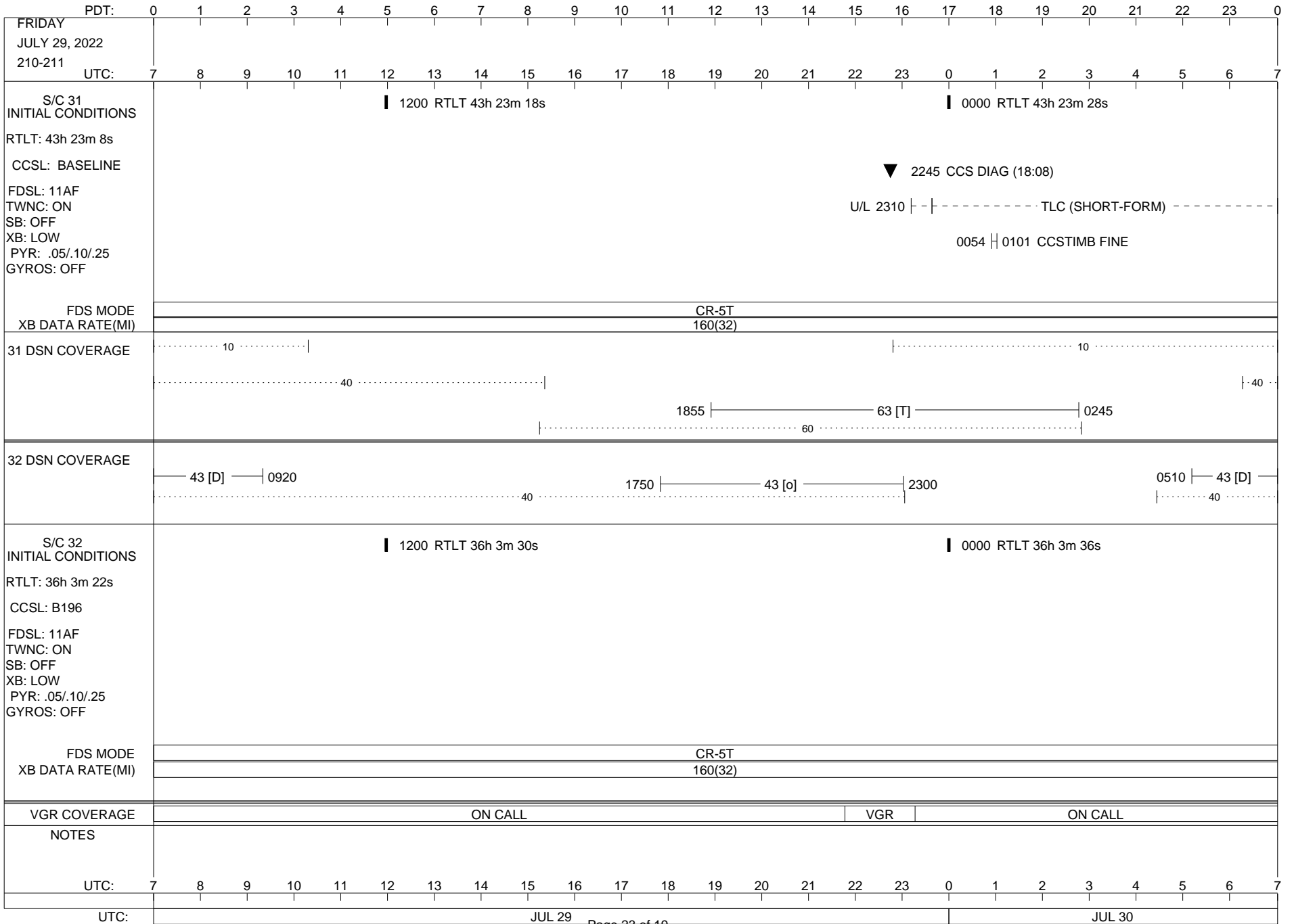
ISSUE DATE: 07/20/22 10:59

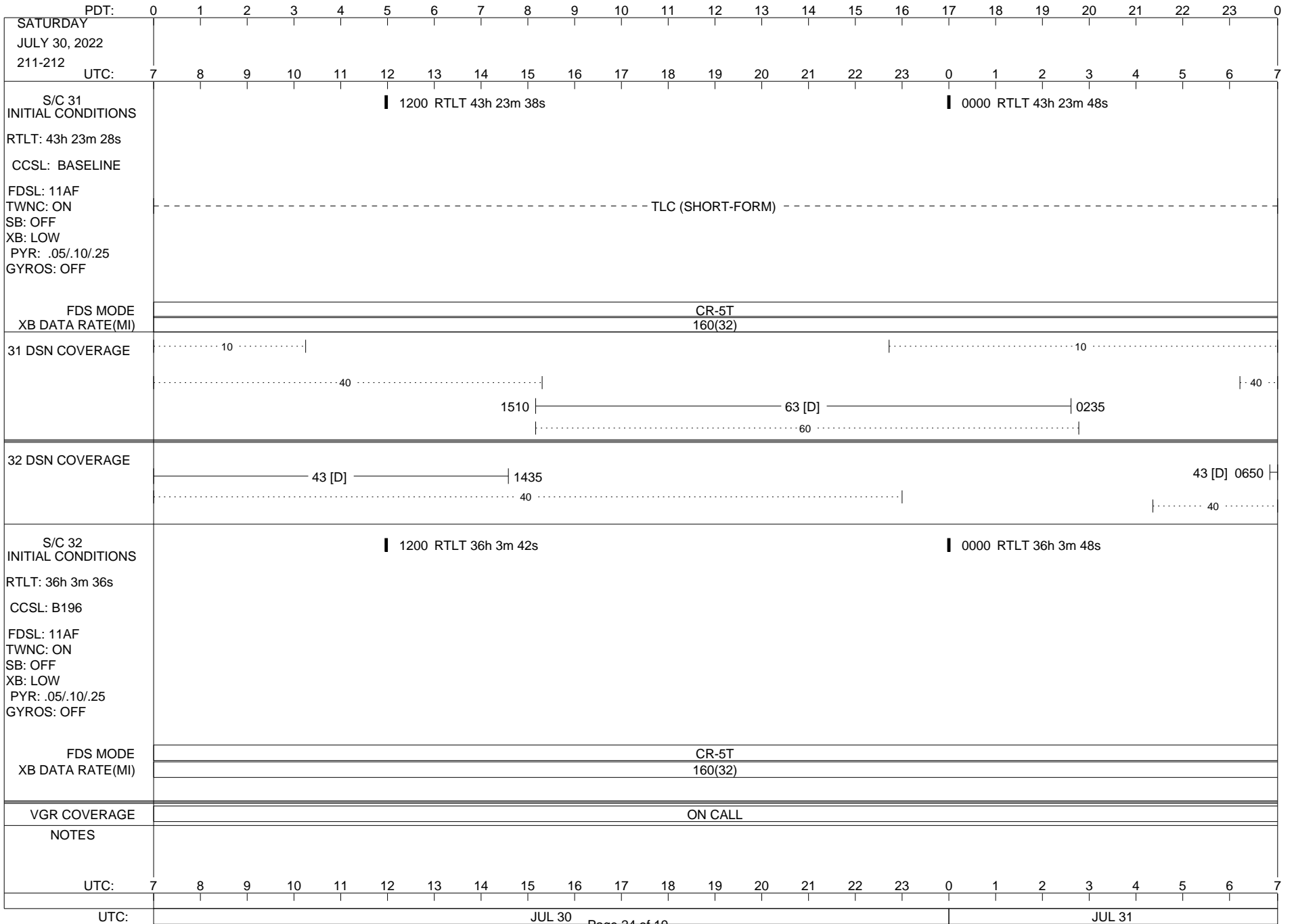




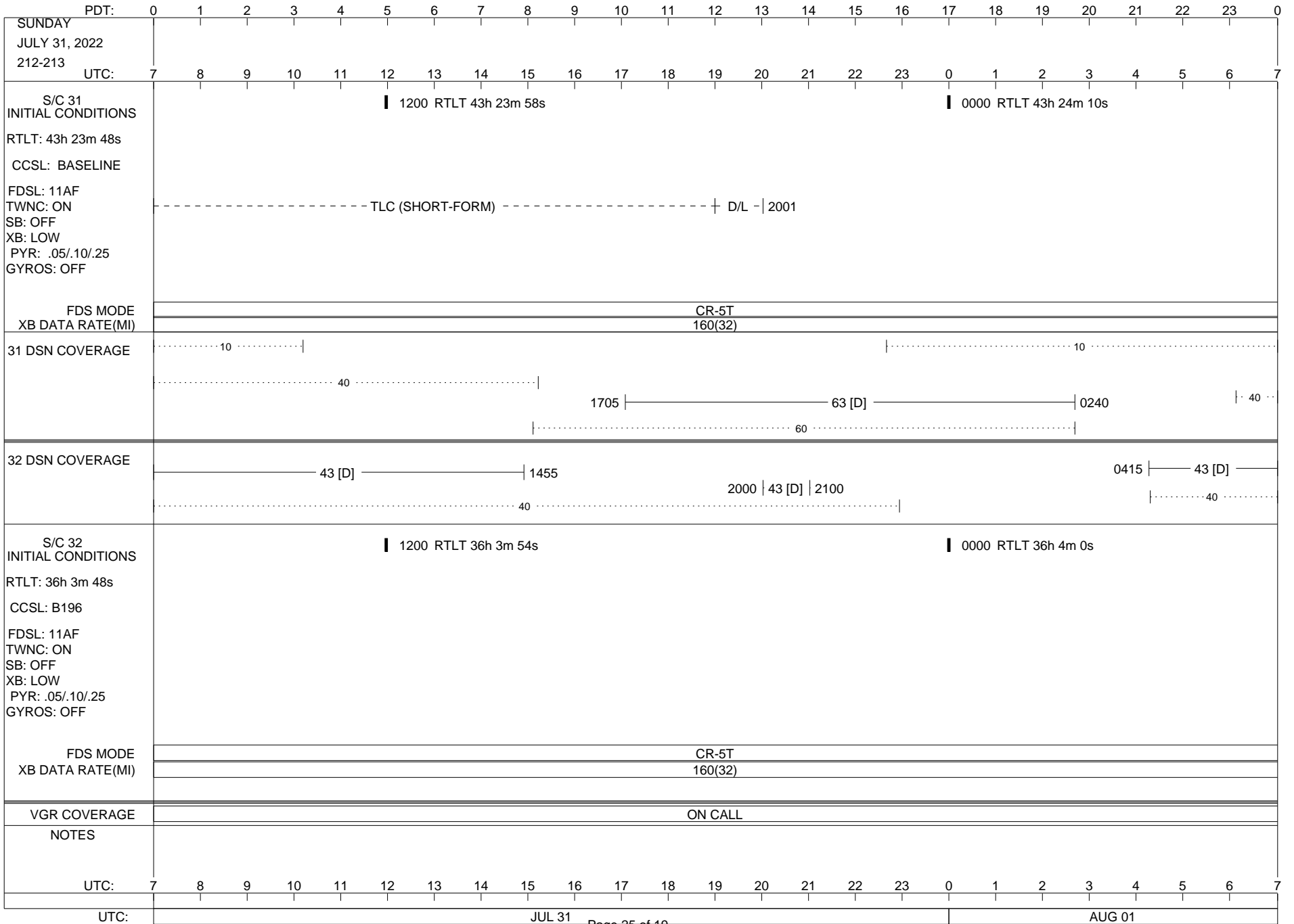
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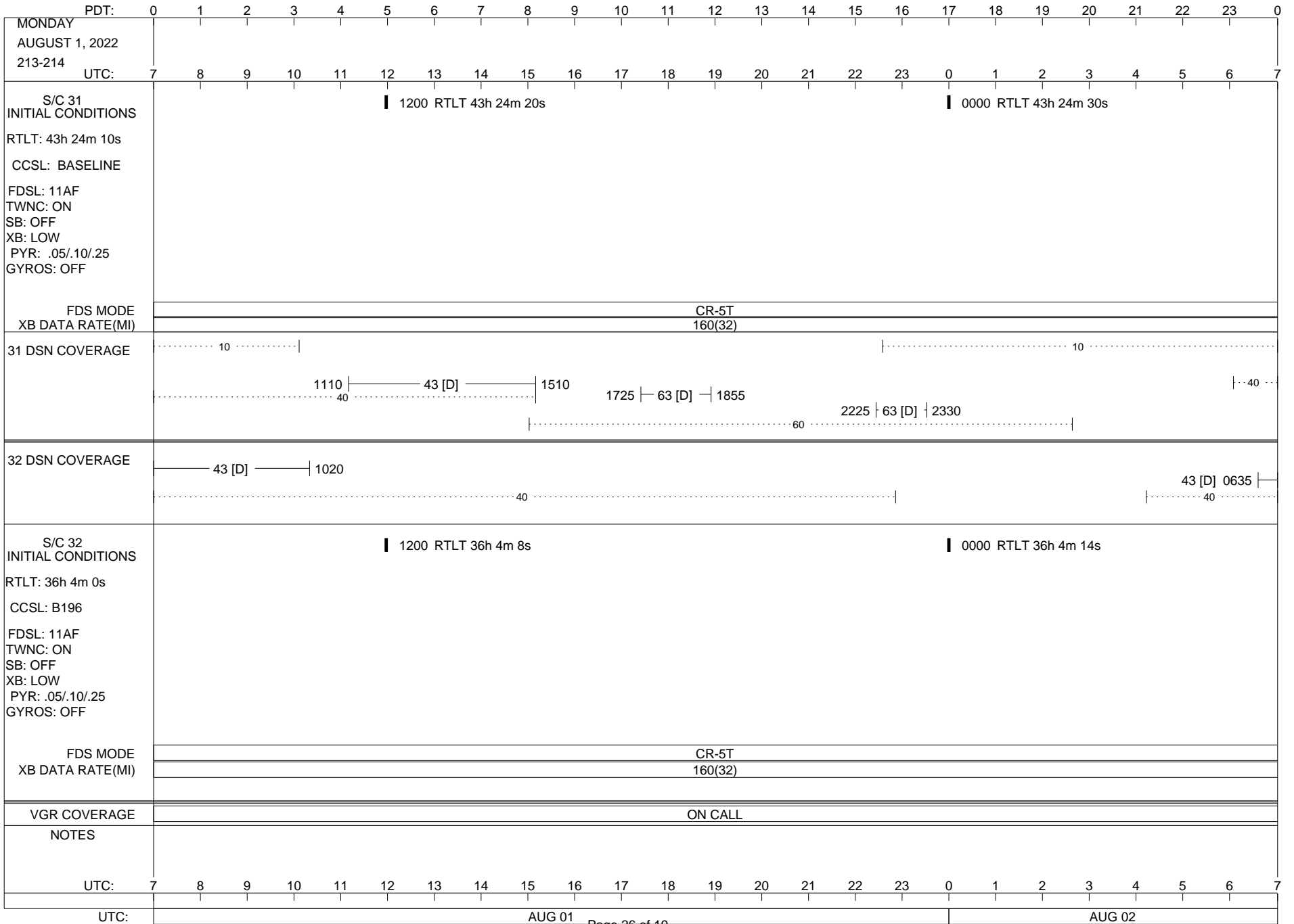


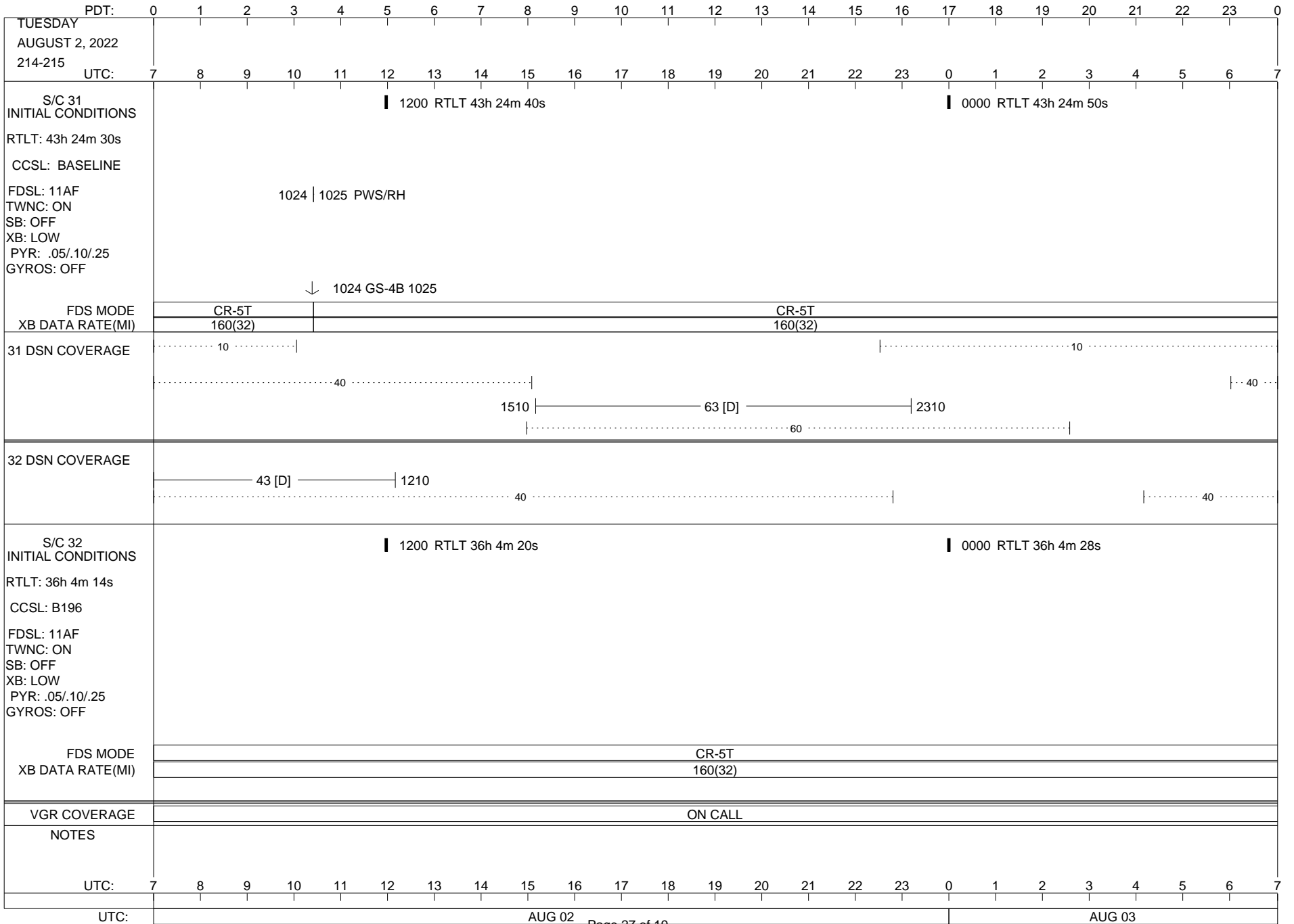




ISSUE DATE: 07/20/22 10:59







ISSUE DATE: 07/20/22 10:59

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 AUGUST 3, 2022 215-216																										
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: 43h 24m 50s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 43h 25m 2s												0000 RTLT 43h 25m 12s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	..... 10 .....										..... 10 .....															
	..... 40 .....										..... 40 .....															
											1735  ----- 63 [D] -----  2135 60															
32 DSN COVERAGE	0845  ----- 43 [D] -----  1525																									
	..... 40 .....										..... 40 .....															
S/C 32 INITIAL CONDITIONS RTLT: 36h 4m 28s CCSL: B196 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 4m 34s												0000 RTLT 36h 4m 40s													
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:	AUG 03													AUG 04												

ISSUE DATE: 07/20/22 10:59

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

THURSDAY  
AUGUST 4, 2022  
216-217

S/C 31  
INITIAL CONDITIONS  
RTLT: 43h 25m 12s  
CCSL: BASELINE  
FDSL: 11AF  
TWNC: ON  
SB: OFF  
XB: LOW  
PYR: .05/.10/.25  
GYROS: OFF

1200 RTLT 43h 25m 22s | 0000 RTLT 43h 25m 34s

▼ 2145 CCS DIAG (17:11)

U/L 2210 | - | - - - - - TLC (SHORT-FORM) - - - - -

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

31 DSN COVERAGE

..... 10 ..... | 0220-0630 |----- 14 [D] -----|

..... 40 ..... | ..... 10 ..... |

..... 2100 |----- 63 [T] -----| 0100 ..... | ..... 40 |

..... 60 ..... |

32 DSN COVERAGE

..... 1405 |----- 43 [H] -----| 1955 ..... | 0520 |----- 43 [o] -----|

..... 40 ..... | ..... 40 ..... |

S/C 32  
INITIAL CONDITIONS  
RTLT: 36h 4m 40s  
CCSL: B196  
FDSL: 11AF  
TWNC: ON  
SB: OFF  
XB: LOW  
PYR: .05/.10/.25  
GYROS: OFF

1200 RTLT 36h 4m 48s | 0000 RTLT 36h 4m 54s

▼ 1720 EL-40 (05:24)  
▼ 1741 CCSL B197 (05:46)  
▼ 1823 CCSTIM F/C (06:28)  
▼ 1851 CR-5T (06:56)

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

VGR COVERAGE	ON CALL	VGR	ON CALL	VGR	ON CALL
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NOTES

[1] DSS-43 HP DRV OFF <= 21:10

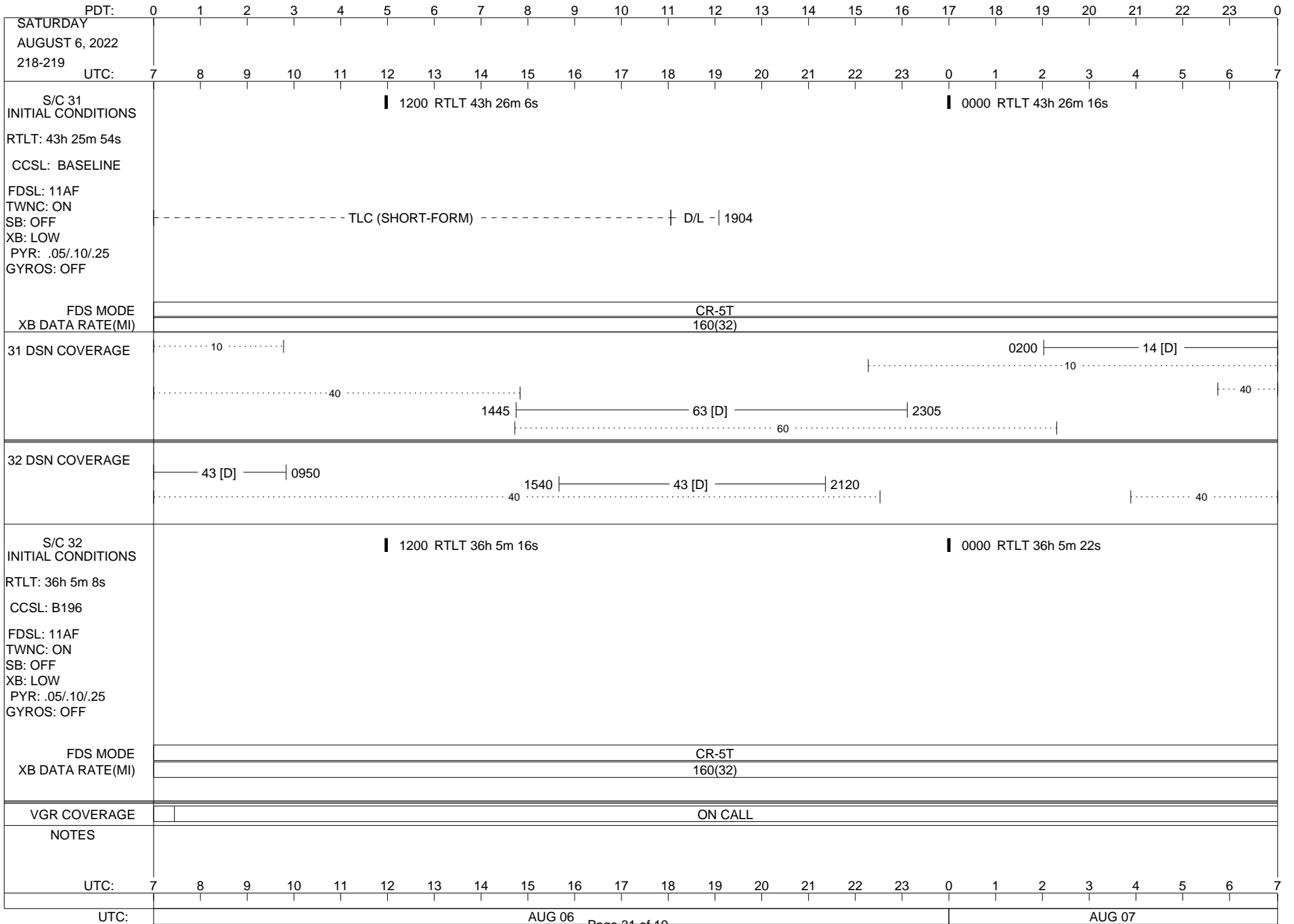
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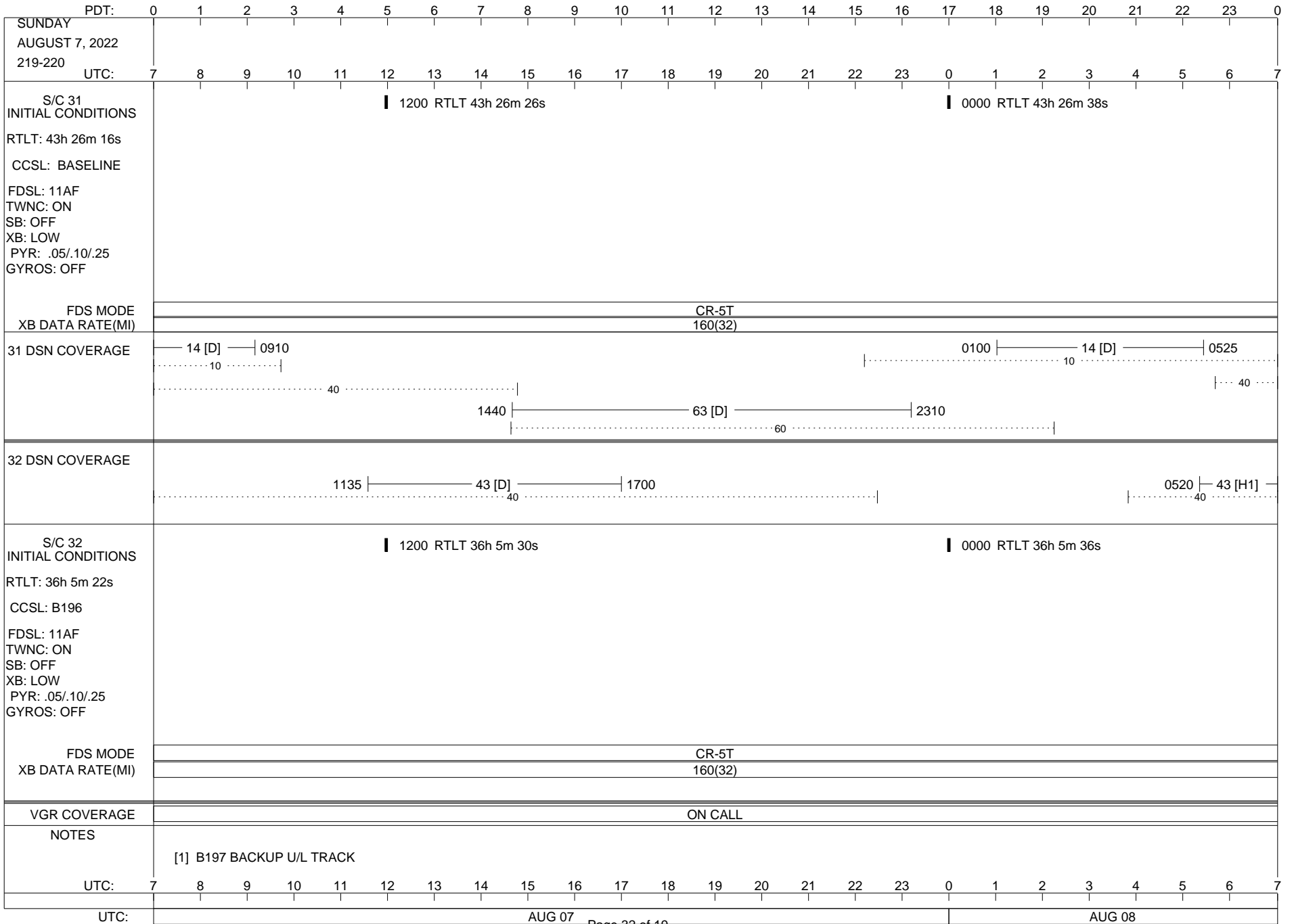
UTC:	AUG 04																	AUG 05						
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ISSUE DATE: 07/20/22 10:59

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 AUGUST 5, 2022 217-218																												
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: 43h 25m 34s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 43h 25m 44s												0000 RTLT 43h 25m 54s															
----- TLC (SHORT-FORM) -----																												
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
31 DSN COVERAGE	..... 10 .....										..... 10 .....																	
	..... 40 .....										..... 40 .....										..... 40 .....							
											1610  ----- 63 [D] -----  2010																	
											..... 60 .....																	
32 DSN COVERAGE	----- 43 [o] -----  1420																				0515  ----- 43 [D] -----							
	..... 40 .....										..... 40 .....										..... 40 .....							
S/C 32 INITIAL CONDITIONS RTLT: 36h 4m 54s CCSL: B196 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 5m 2s												0000 RTLT 36h 5m 8s															
													B197 CHKSUM 0552   0556 *															
													CCSTIM 0628-0649     *															
													FINE 0628-0635															
													COARSE 0646-0649															
													EL-40 0525     *															
													CR-5T 0656     *															
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
													EL-40															
													40(30)															
VGR COVERAGE	ON CALL																				VGR							
NOTES	[1] SC 32=EL-40 XB=40(30) @ 0525 [2] SC 32=CR-5T XB=160(32) @ 0656																											
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:	AUG 05														AUG 06													





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 AUGUST 8, 2022 220-221																									
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: 43h 26m 38s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 43h 26m 48s																								
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	<p>..... 10 ..... </p> <p>..... 40 ..... </p>																								
32 DSN COVERAGE	<p>——— 43 [H1] ———  1020</p> <p>..... 40 ..... </p>																								
S/C 32 INITIAL CONDITIONS RTLT: 36h 5m 36s CCSL: B196 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 5m 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:	AUG 08												AUG 09												