

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: July 14, 2020

For the Period: 07/16/20 to 08/03/20 (20/198 – 20/216)



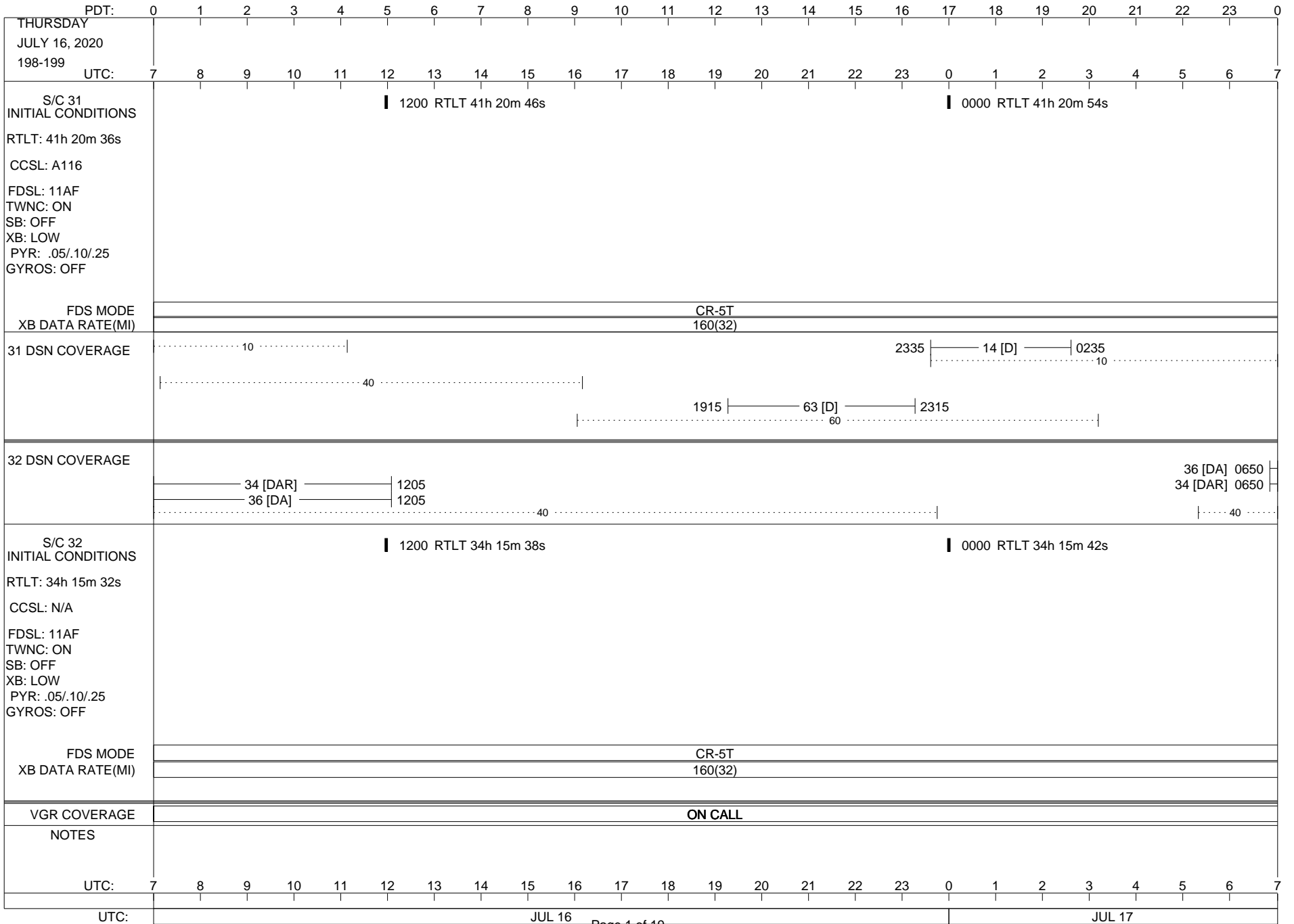
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

LEGEND:

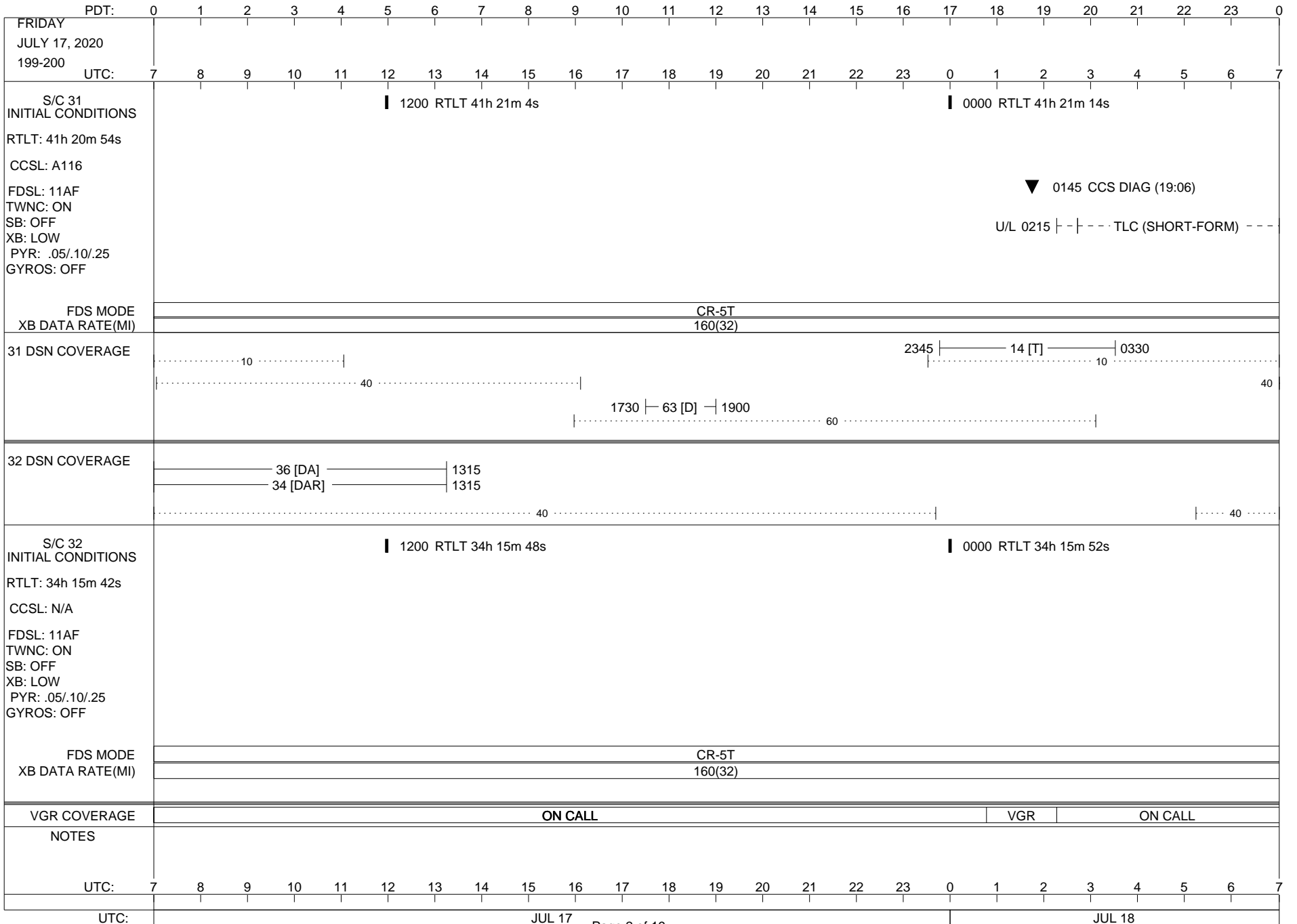
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- * = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U = Uplink only pass
- [o] = Ramp-through

02/27/19

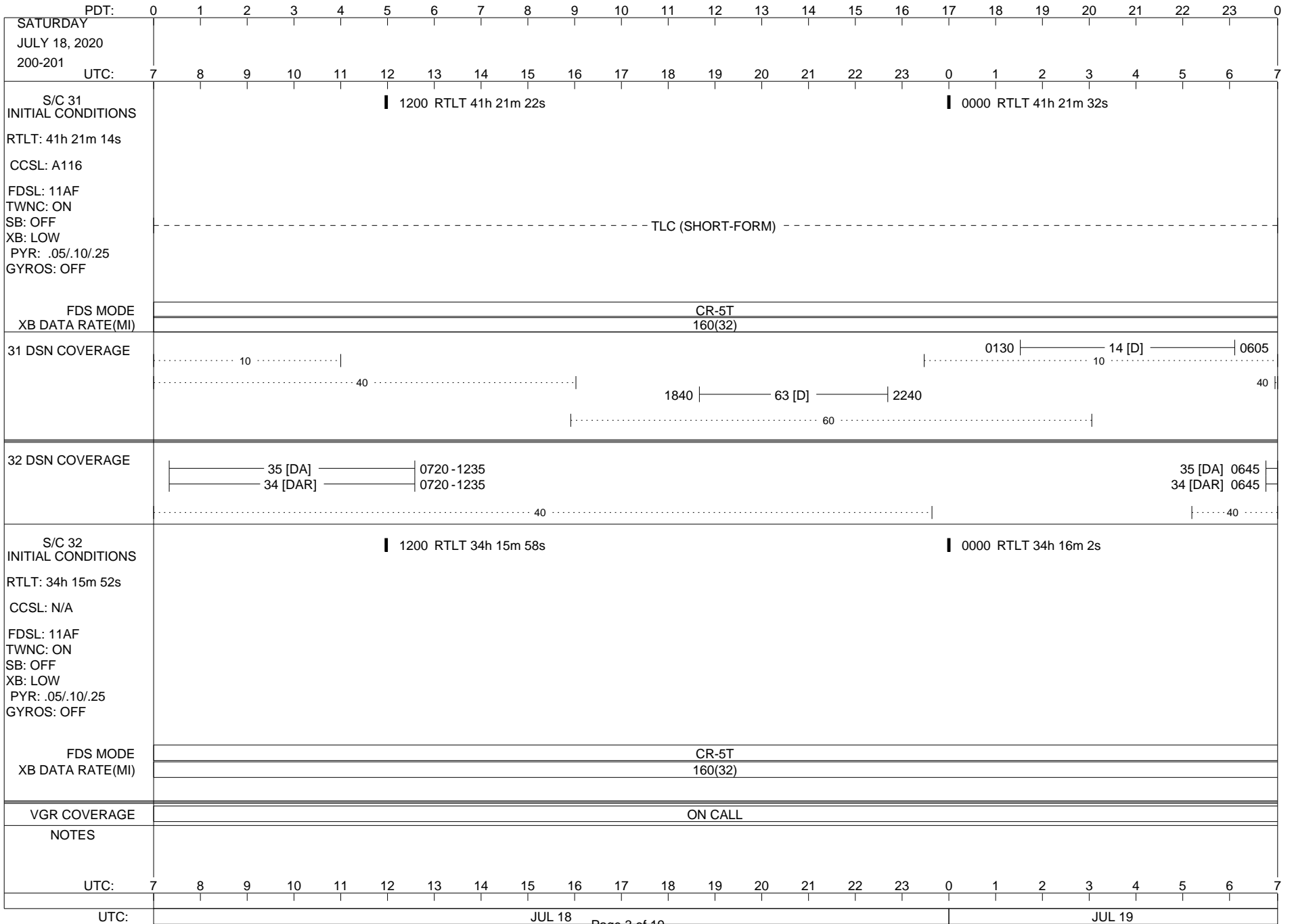
ISSUE DATE: 07/14/20 14:50



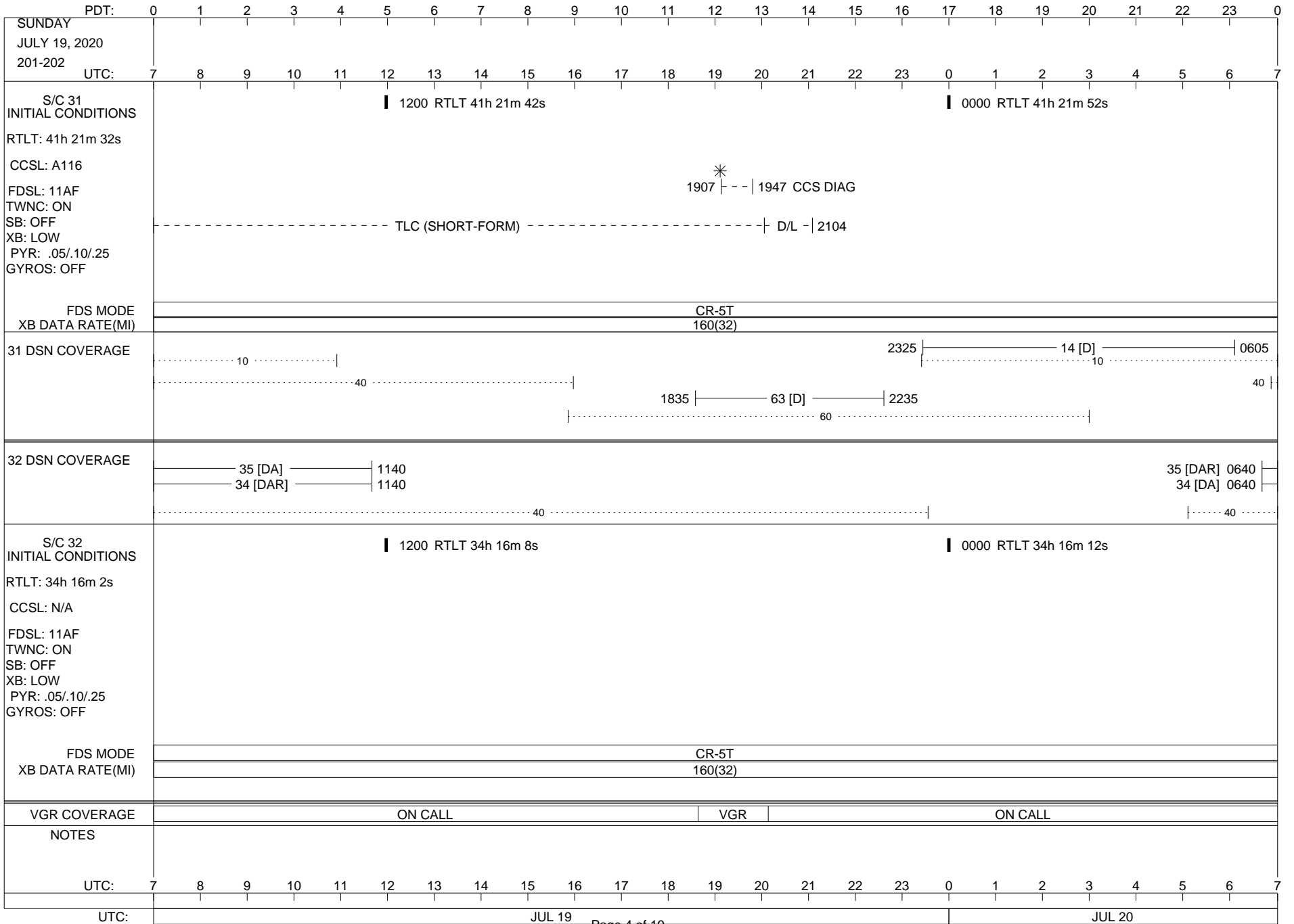
ISSUE DATE: 07/14/20 14:50



ISSUE DATE: 07/14/20 14:50



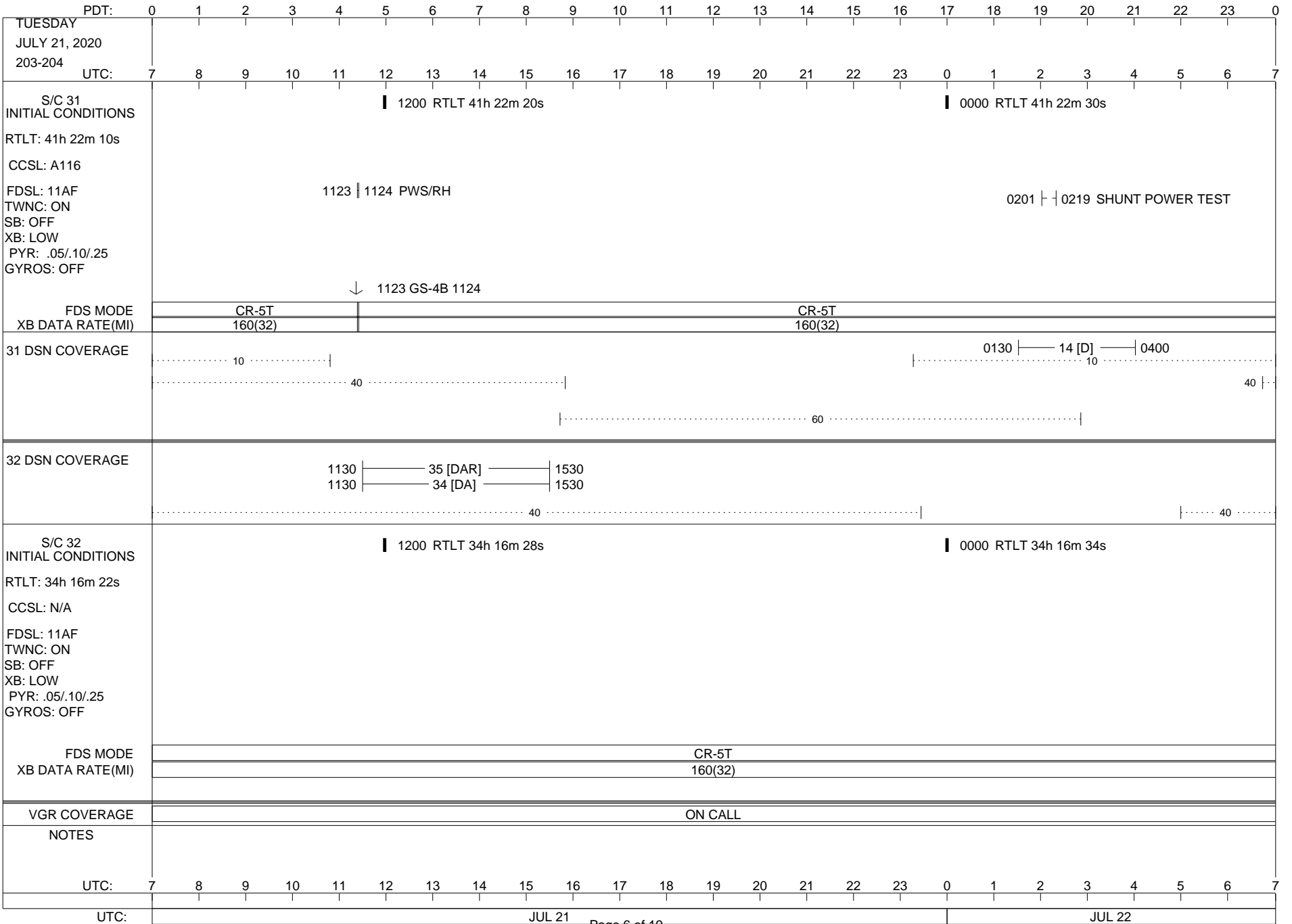
ISSUE DATE: 07/14/20 14:50



ISSUE DATE: 07/14/20 14:50

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|.....10.....|												
	.....40.....|												|.....40|												
	|.....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: 07/14/20 14:50



ISSUE DATE: 07/14/20 14:50

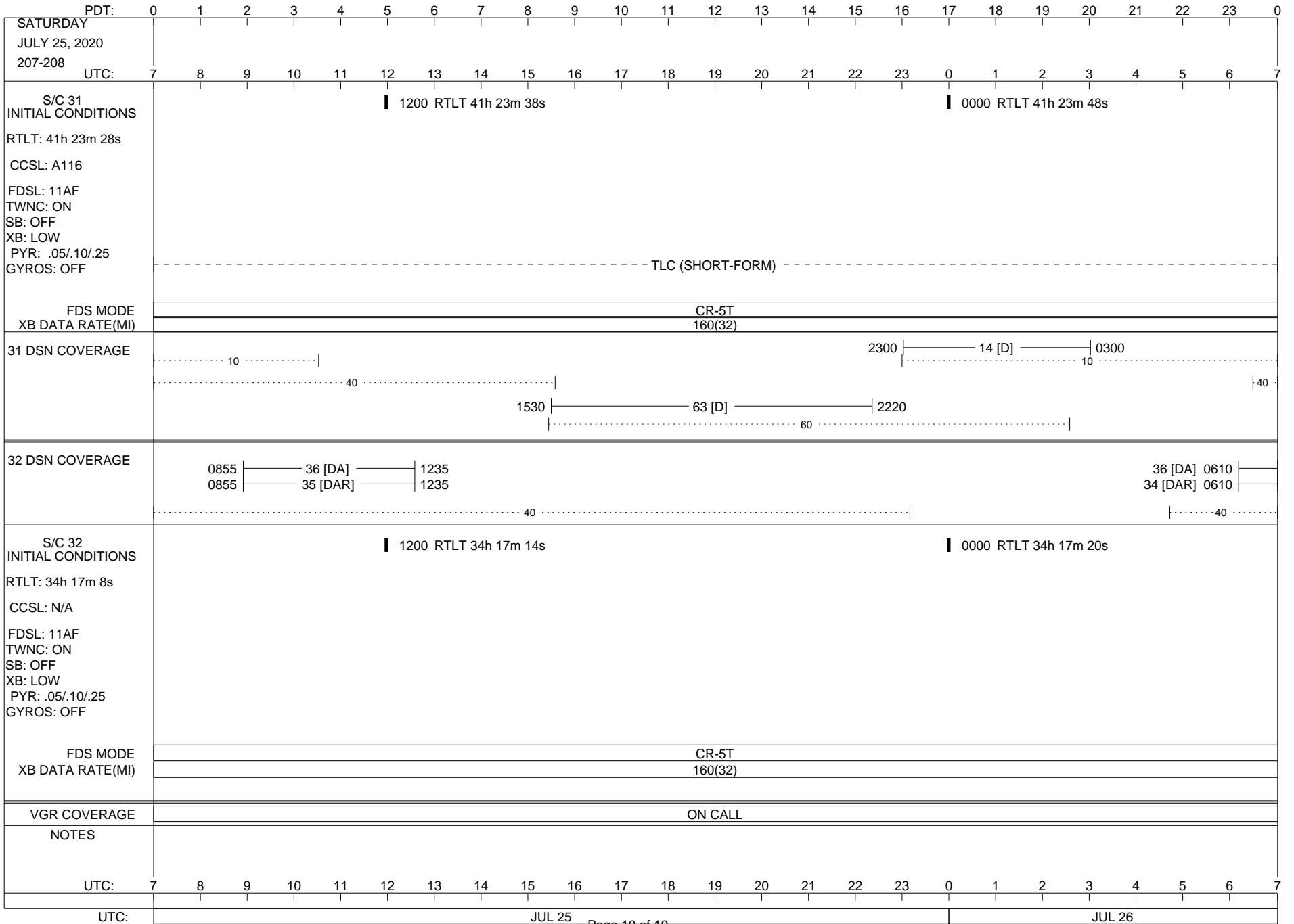
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0							
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7							
WEDNESDAY JULY 22, 2020 204-205																																
S/C 31 INITIAL CONDITIONS RTLT: 41h 22m 30s CCSL: A116 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 41h 22m 38s												0000 RTLT 41h 22m 48s																			
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)																			
31 DSN COVERAGE 10 40										2335 |----- 14 [D] -----| 0205							 10		40 |..	
32 DSN COVERAGE	0820 |----- 35 [DAR] -----| 1305		0820 |----- 34 [DA] -----| 1305	 40																				35 [DA] 0645		36 [DAR] 0645	 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 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 22														JUL 23																	

ISSUE DATE: 07/14/20 14:50

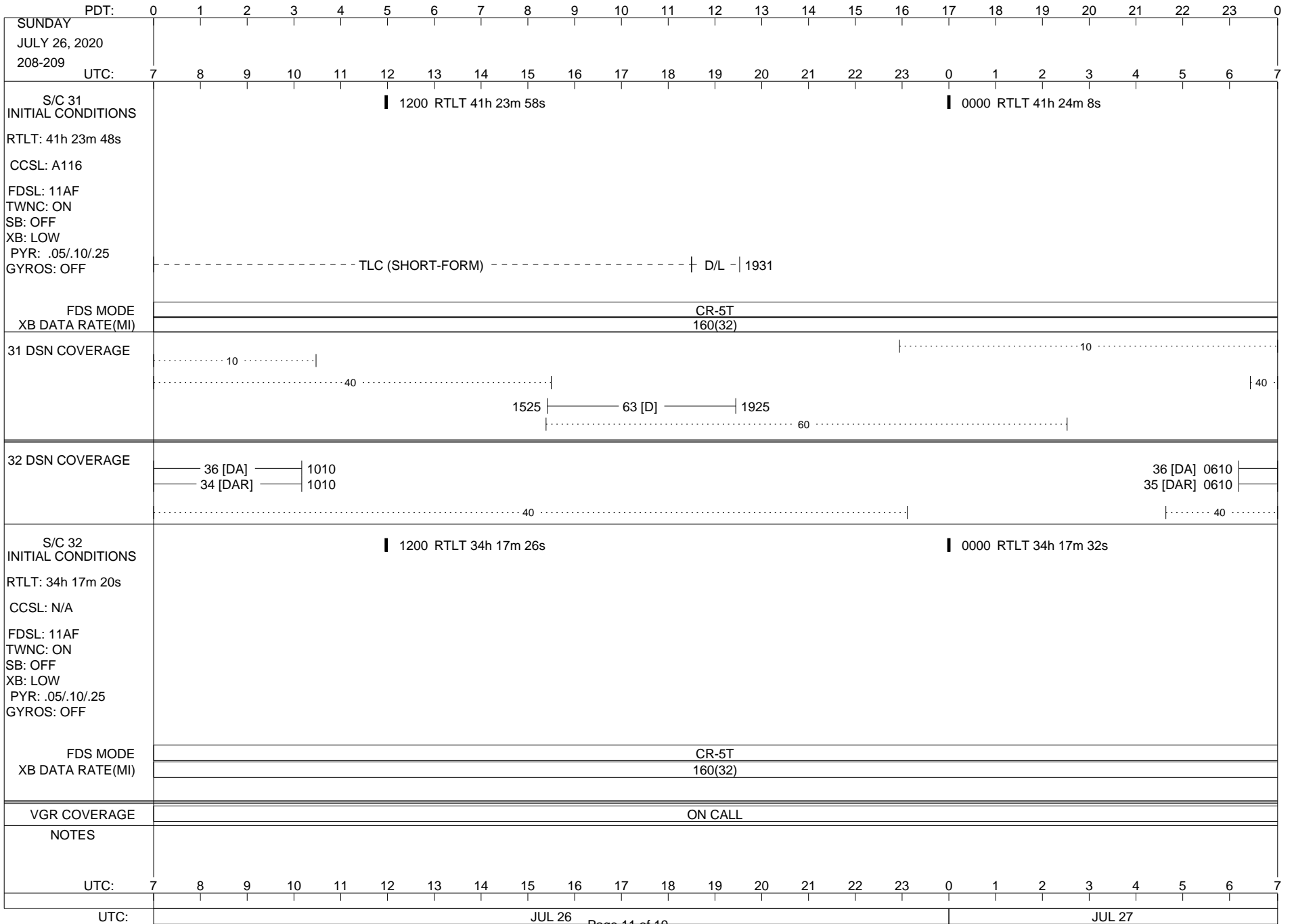
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
THURSDAY JULY 23, 2020 205-206																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 41h 22m 48s CCSL: A116 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 41h 22m 58s												| 0000 RTLT 41h 23m 8s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	.....10.....|												2330 |-----14 [D]-----| 0345											
	.....40.....|												.....40|...												
													1940 |-----63 [D]-----| 0010												
													.....60.....|												
32 DSN COVERAGE	.....35 [DA]-----| 1240												36 [DAR] 0630 |												
	.....36 [DAR]-----| 1240												35 [DA] 0630 |												
	.....40.....|												|.....40.....|												
S/C 32 INITIAL CONDITIONS RTLT: 34h 16m 44s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 34h 16m 50s												| 0000 RTLT 34h 16m 56s												
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 23												JUL 24												

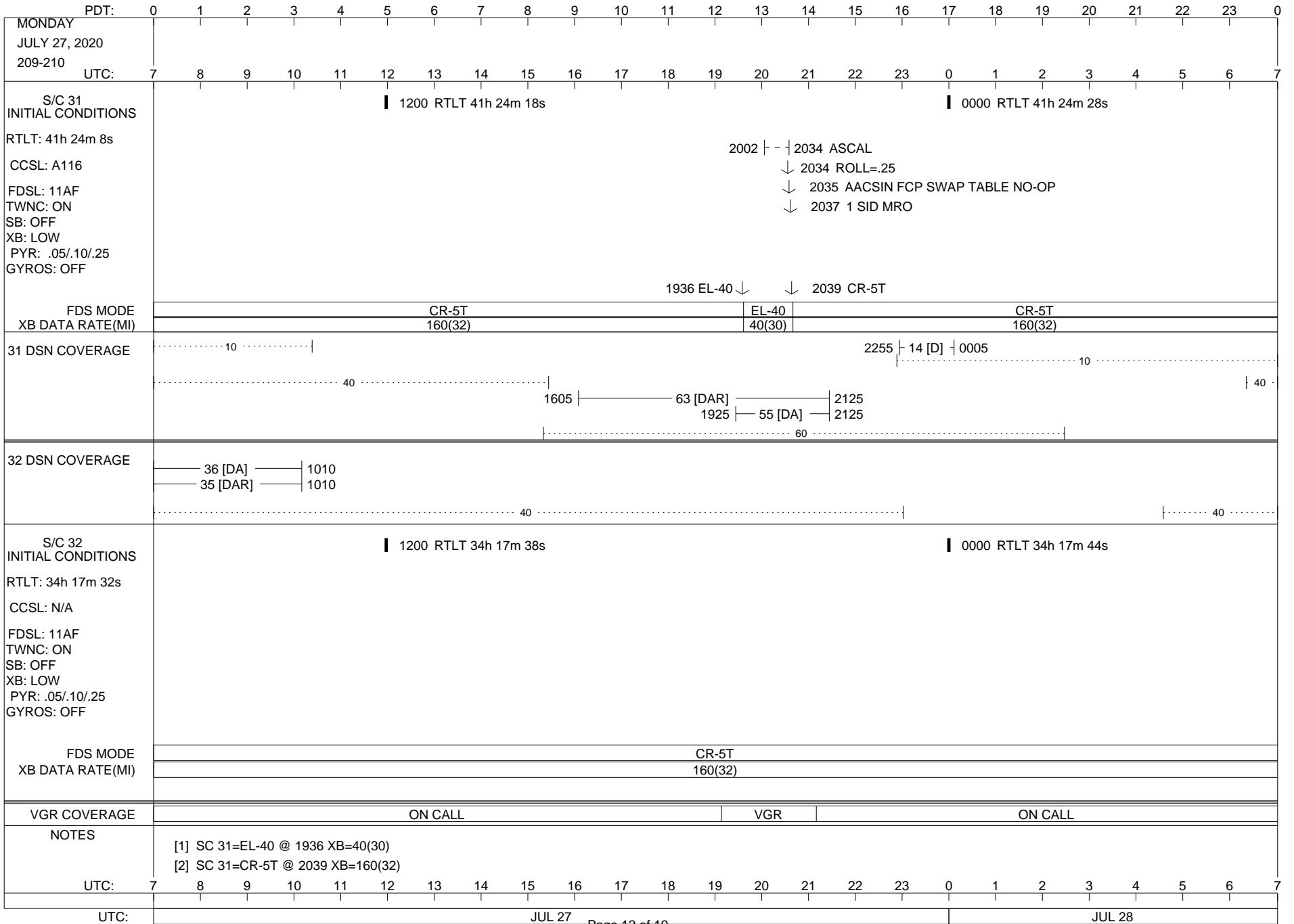
ISSUE DATE: 07/14/20 14:50

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 JULY 24, 2020 206-207																												
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 ↓ 2328 LINK 10 MS YAW ↓ 2330 DELINK 60 MS YAW 2333 || 2335 AACS MRO ▼ 0015 DUMMY (17:58) U/L 0040 | - | - - - - - TLC (SHORT-FORM) - - - - -															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE																												
32 DSN COVERAGE																												
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 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:	JUL 24														JUL 25													

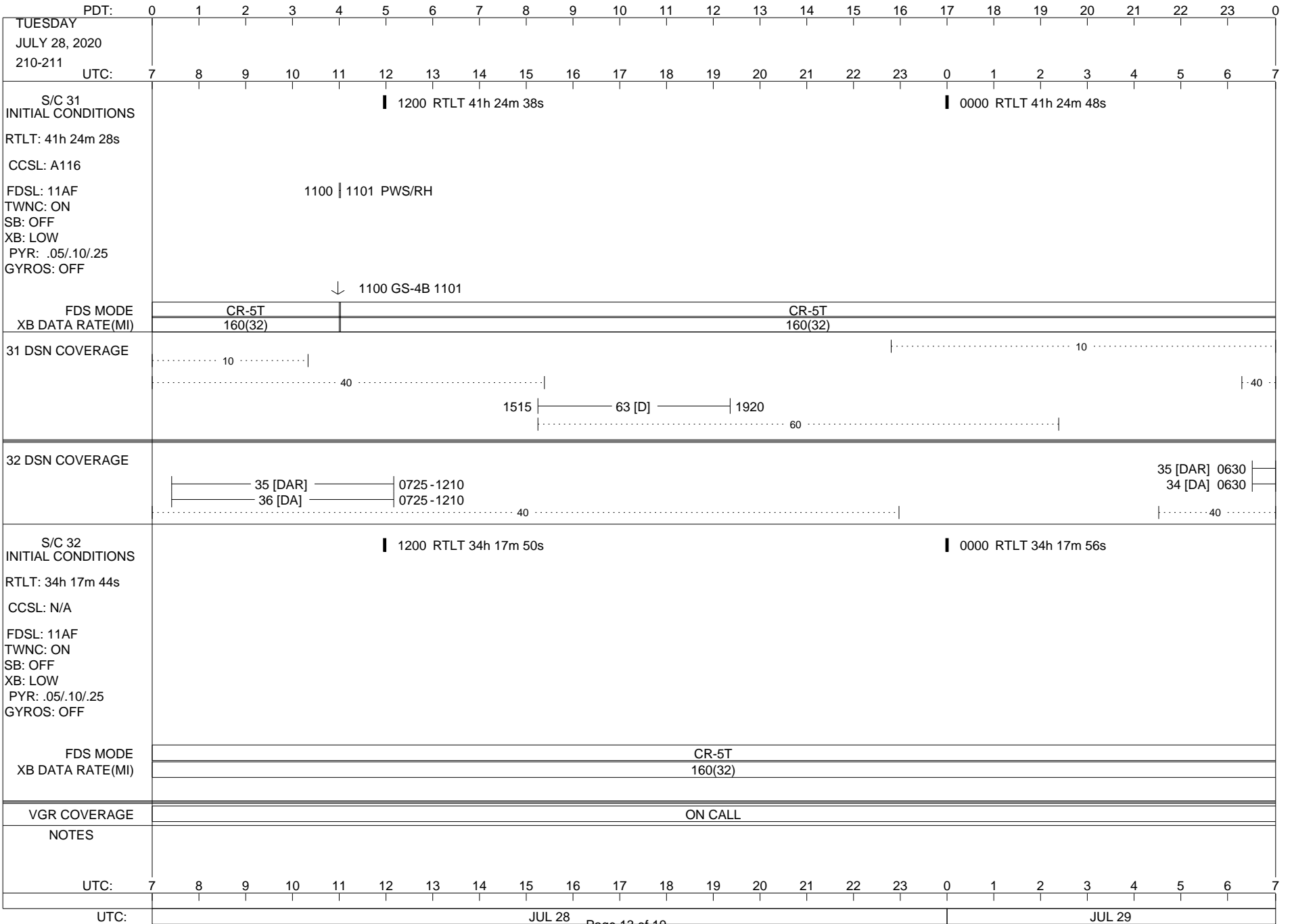


ISSUE DATE: 07/14/20 14:50

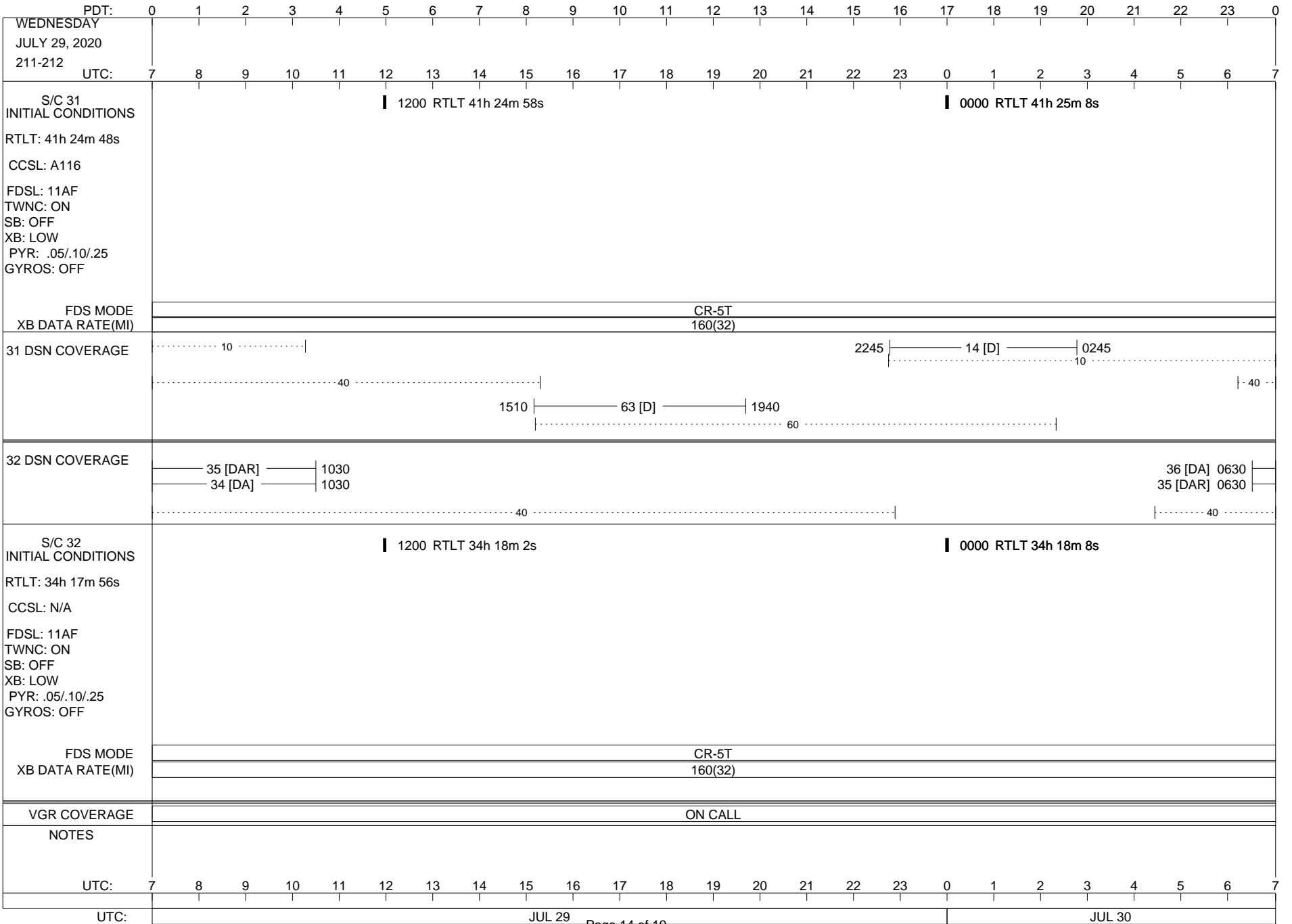




ISSUE DATE: 07/14/20 14:50



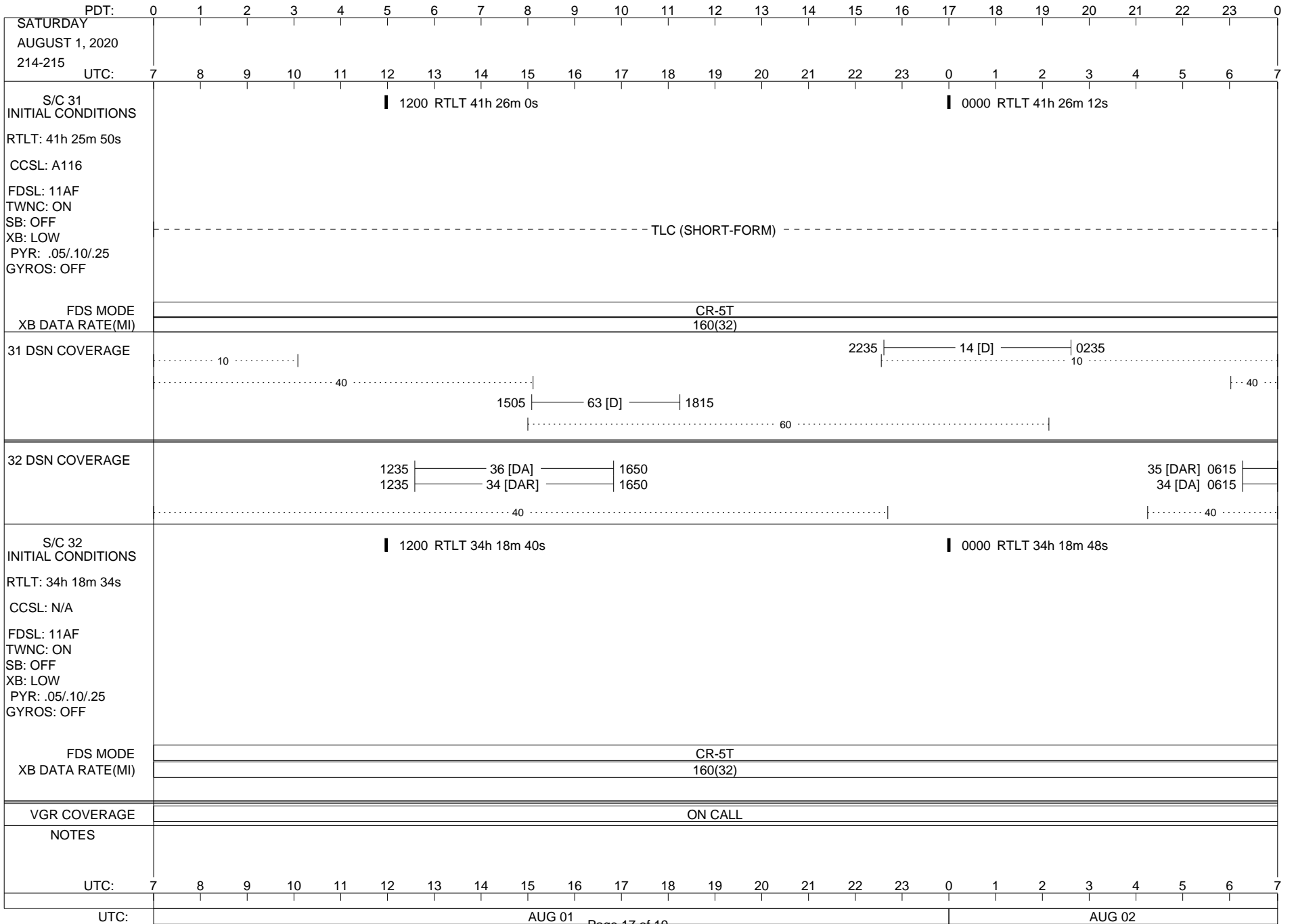
ISSUE DATE: 07/14/20 14:50



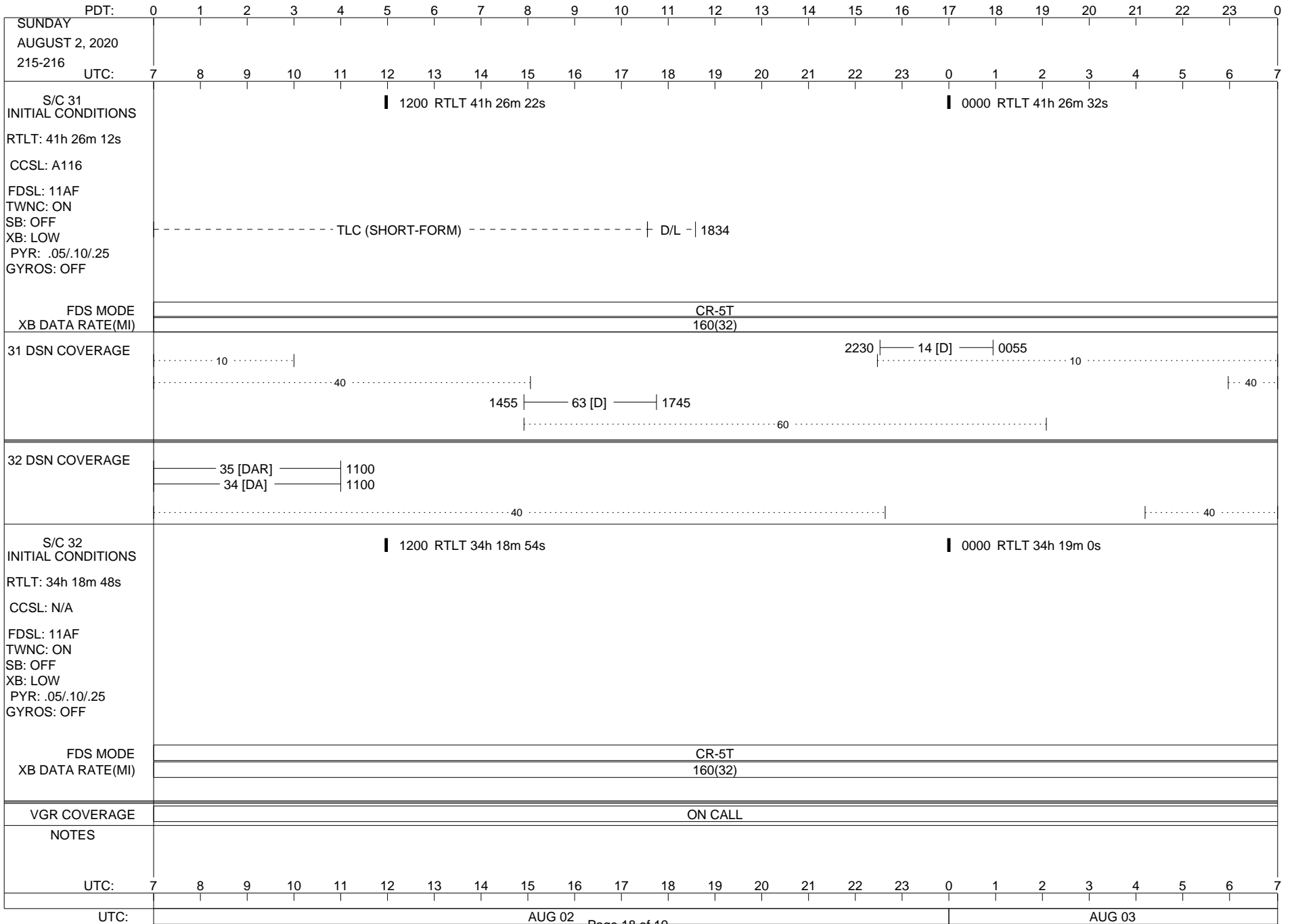
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
THURSDAY JULY 30, 2020 212-213																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 41h 25m 8s CCSL: A116 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 41h 25m 20s												0000 RTLT 41h 25m 30s												
													GYROS BC ON 0309 ↓ BAY 1 HTR OFF 0309 ↓ GYRO INIT 0310 ↓ GYRO FAULT TEST 0319 ↓ AAI 0340 ↓ MAGROL 0343 | - | 0415 RAI 0422 ↓ GYROS OFF 0428 ↓ BAY 1 HTR ON 0436 ↓ EL-40 0314 ↓												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	.....10 .....| .....40 .....| 1510 | 63 [D] | 1635 .....60 .....|												2330 |-----14 [DA]-----| 0500 0030 |-----25 [DAR]-----| 0500 .....10 .....| .....40 .....|												
32 DSN COVERAGE	-36 [DA] -| 0840 -35 [DAR] -| 0840 .....40 .....|												36 [DAR] 0555 |----- 34 [oA] 0555 |----- .....40 .....|												
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	1200 RTLT 34h 18m 14s												0000 RTLT 34h 18m 20s												
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:	JUL 30												JUL 31												

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 31, 2020 213-214	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 30s CCSL: A116 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 41h 25m 40s												0000 RTLT 41h 25m 50s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	10 ..... | 40 ..... | 1505 | 63 [D] | 1755 | ..... 60 ..... |												2250 |----- 14 [T] -----| 0350 |----- 10 -----| ..... | 40 ..												
32 DSN COVERAGE	36 [DAR] |----- 1025 34 [oA] |----- 1025 40 ..... | ..... 40 ..																								
S/C 32 INITIAL CONDITIONS RTLT: 34h 18m 20s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 34h 18m 28s												0000 RTLT 34h 18m 34s												
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:	JUL 31												Page 16 of 19						AUG 01						

ISSUE DATE: 07/14/20 14:50



ISSUE DATE: 07/14/20 14:50



ISSUE DATE: 07/14/20 14:50

