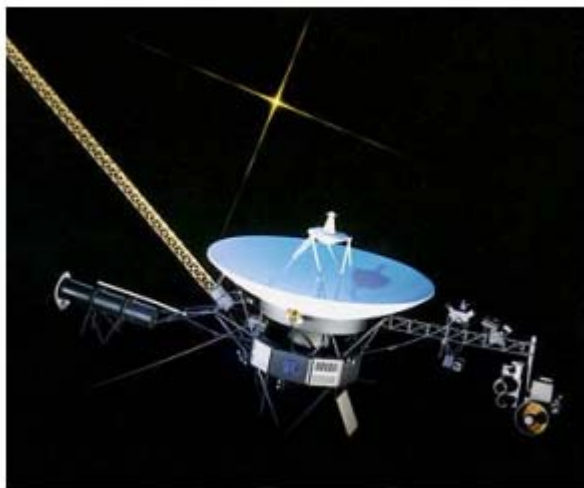


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: July 21, 2021

For the Period: 07/22/21 to 08/09/21 (21/203 – 21/221)



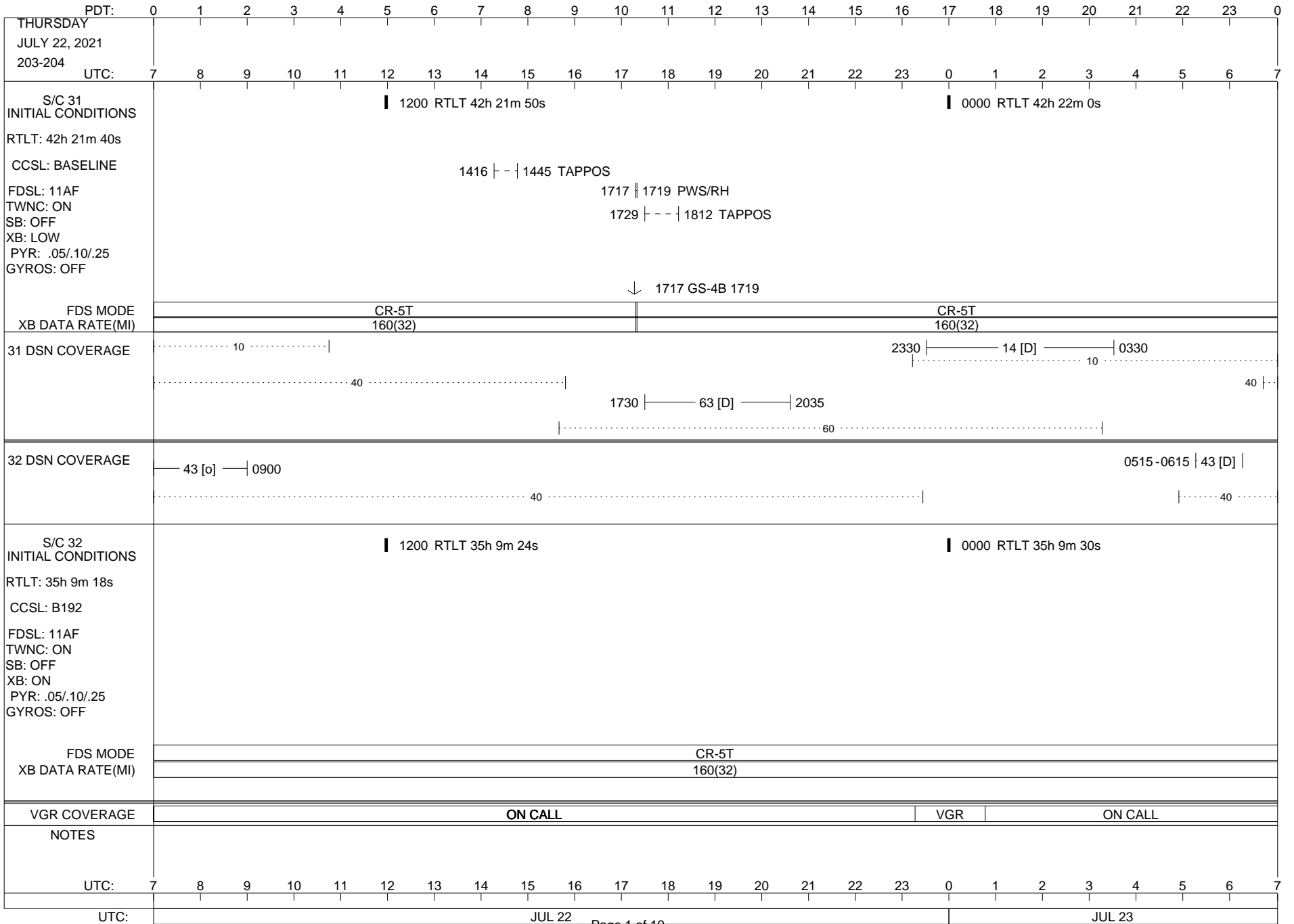
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

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

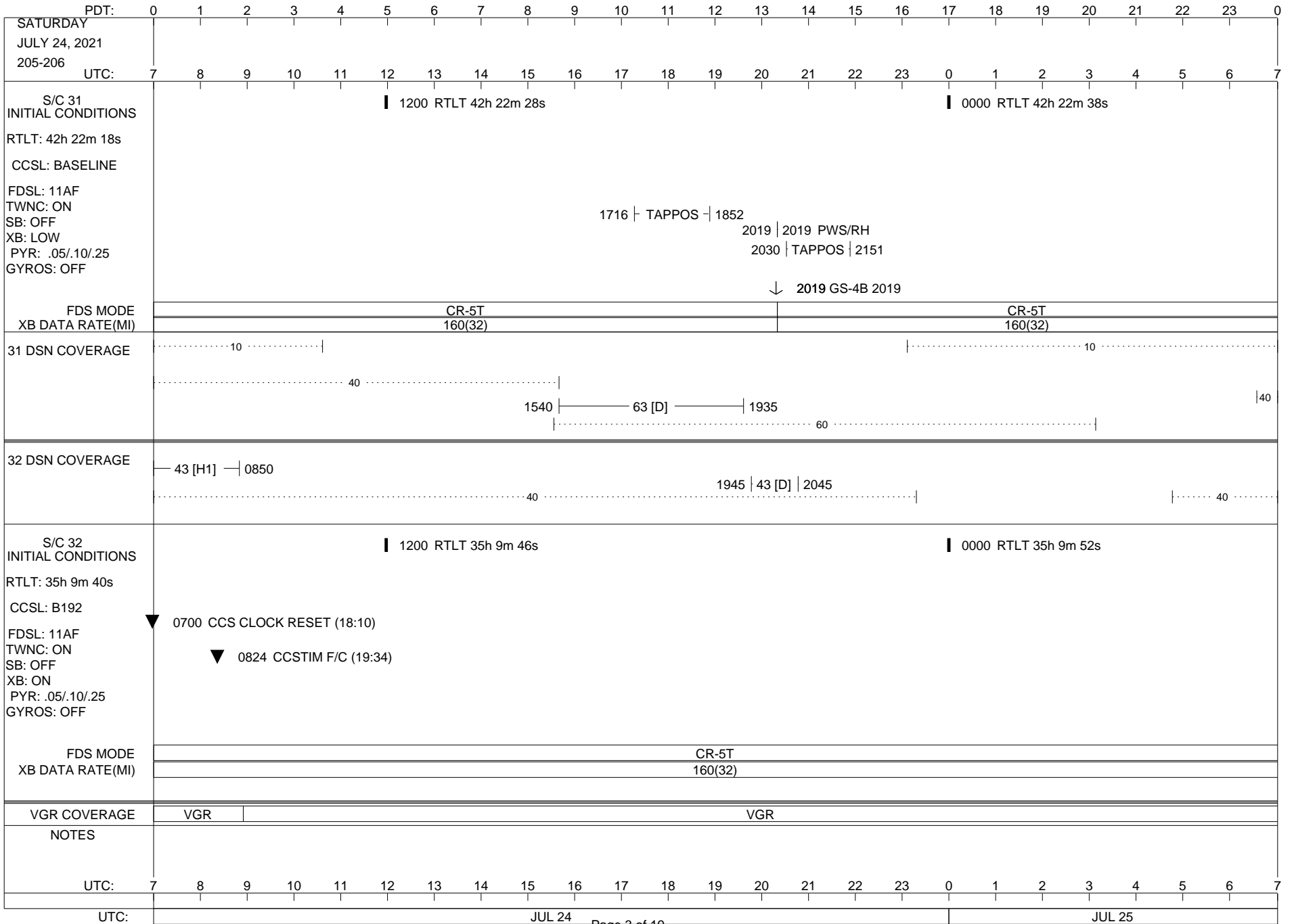
ISSUE DATE: 07/27/21 16:45



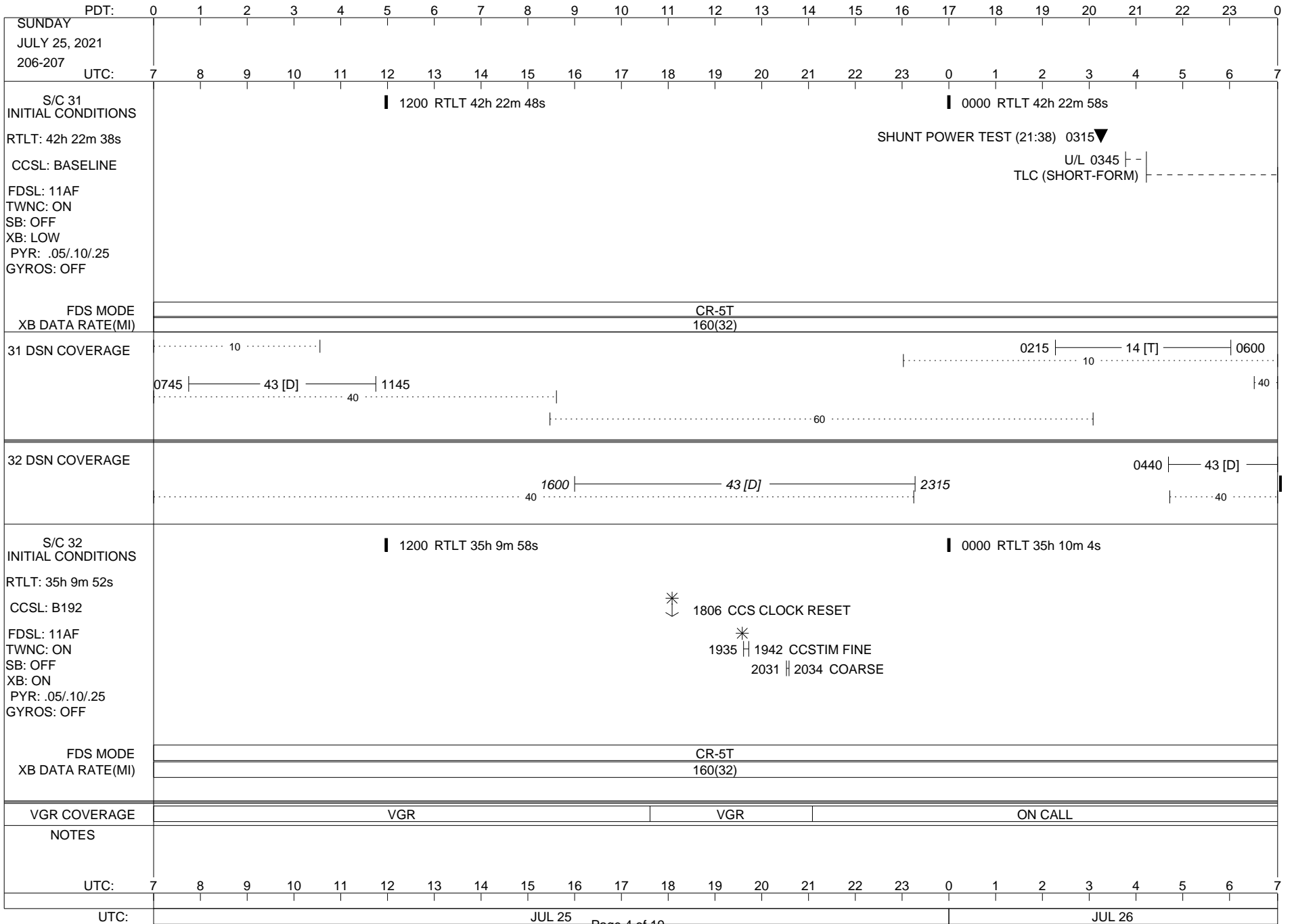
ISSUE DATE: 07/27/21 16:45

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 23, 2021 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: 42h 22m 0s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 42h 22m 10s												| 0000 RTLT 42h 22m 18s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	.....10.....|												|.....10.....											
	.....40.....|												|.....40.....											
													1925 |-----63 [D]-----|0310												
													|-----60-----|												
32 DSN COVERAGE													0505 |---43 [H1]---												
	.....40.....												|.....40.....											
	1720 |-----43 [D]-----|2320																								
S/C 32 INITIAL CONDITIONS RTLT: 35h 9m 30s CCSL: B192 FDSL: 11AF TWNC: ON SB: OFF XB: ON PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 35h 9m 34s												| 0000 RTLT 35h 9m 40s												
													CCS CLOCK RESET (18:10) 0700 ▼												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL																							VGR	
NOTES	[1] S/C 32 HP TXT DRV ON >=06:15																								
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: 07/27/21 16:45

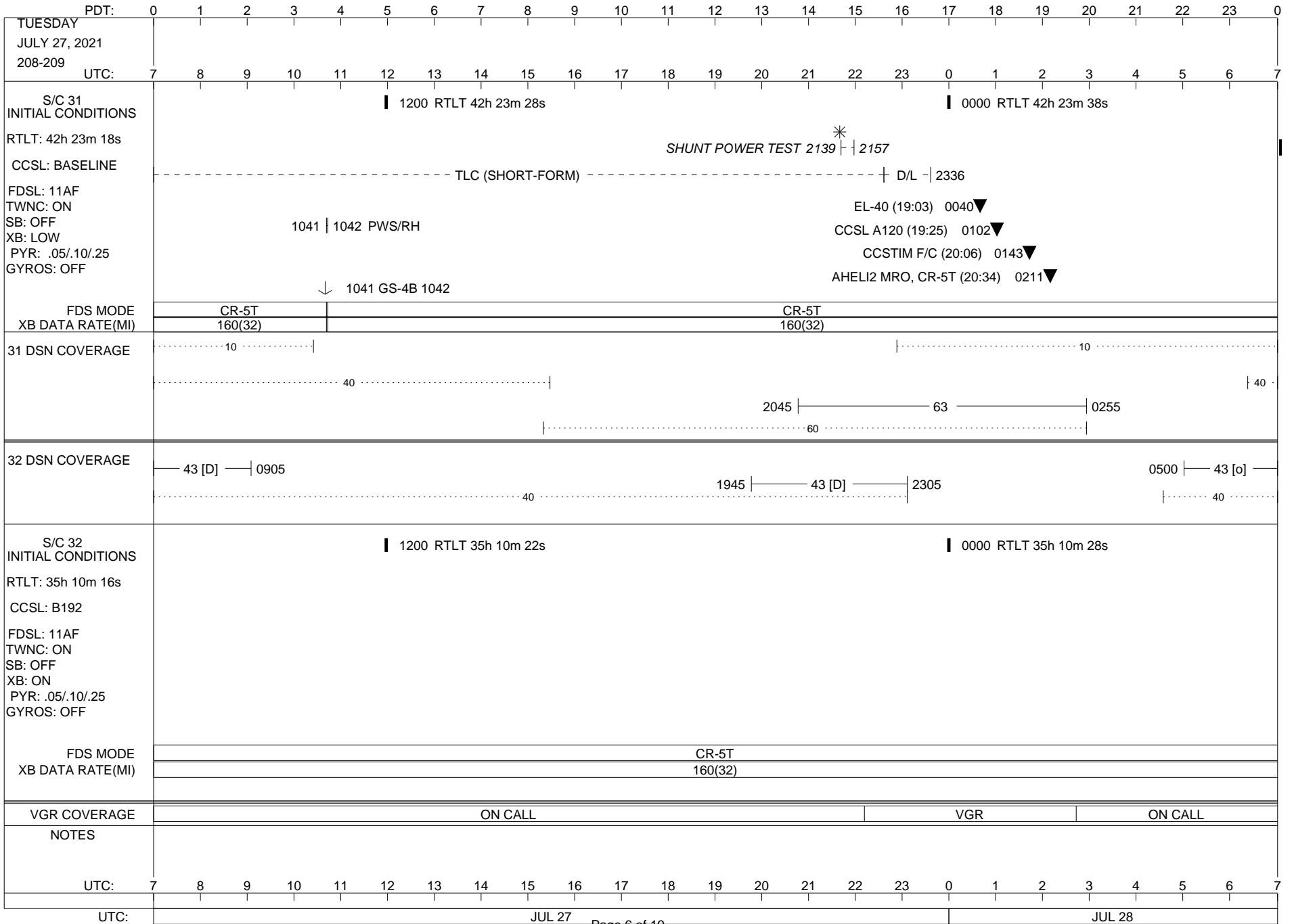


ISSUE DATE: 07/27/21 16:45

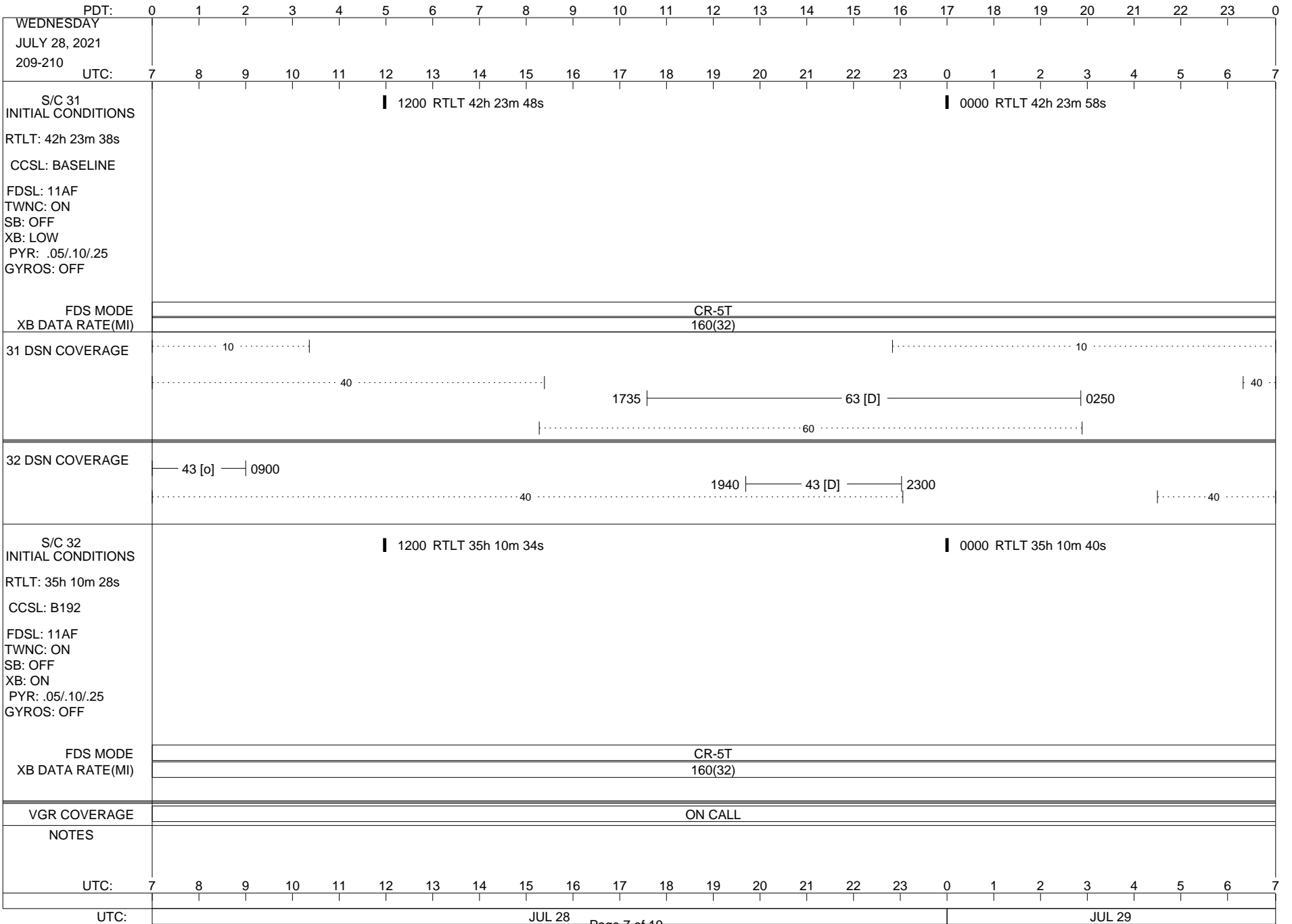


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MONDAY JULY 26, 2021 207-208																												
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS RTLT: 42h 22m 58s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 42h 23m 8s												█ 0000 RTLT 42h 23m 18s															
----- TLC (SHORT-FORM) -----																												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE	..... 10 .....												|..... 10											
	..... 40 .....												|..... 40											
													2205 |----- 63 [D] -----| 0300															
													|..... 60														
32 DSN COVERAGE	— 43 [D] —| 0840																											
	..... 40												1950 |— 43 [D] —| 2140														
													|..... 40														
S/C 32 INITIAL CONDITIONS RTLT: 35h 10m 4s CCSL: B192 FDSL: 11AF TWNC: ON SB: OFF XB: ON PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 35h 10m 10s												█ 0000 RTLT 35h 10m 16s															
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 26																JUL 27											

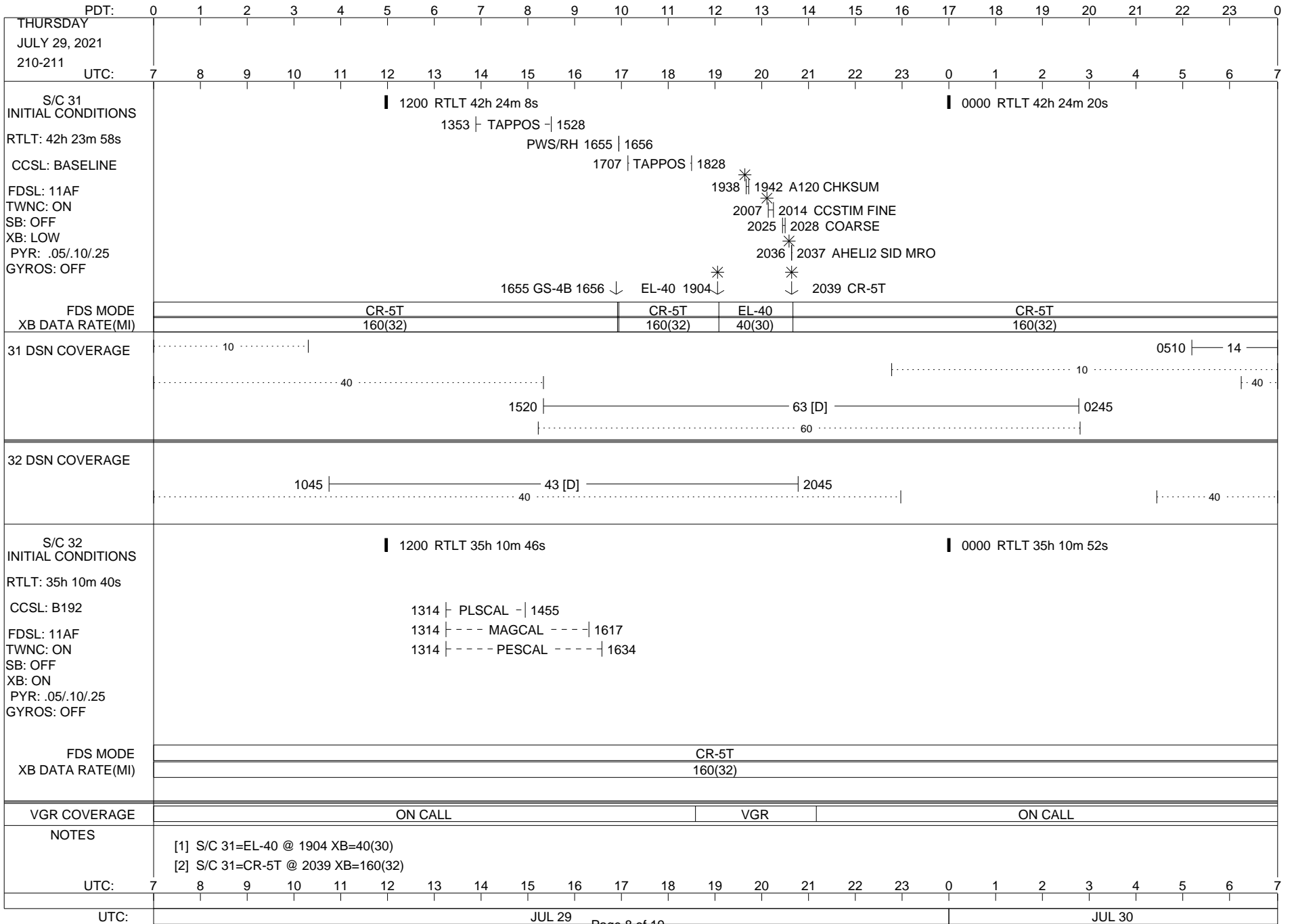
ISSUE DATE: 07/27/21 16:45

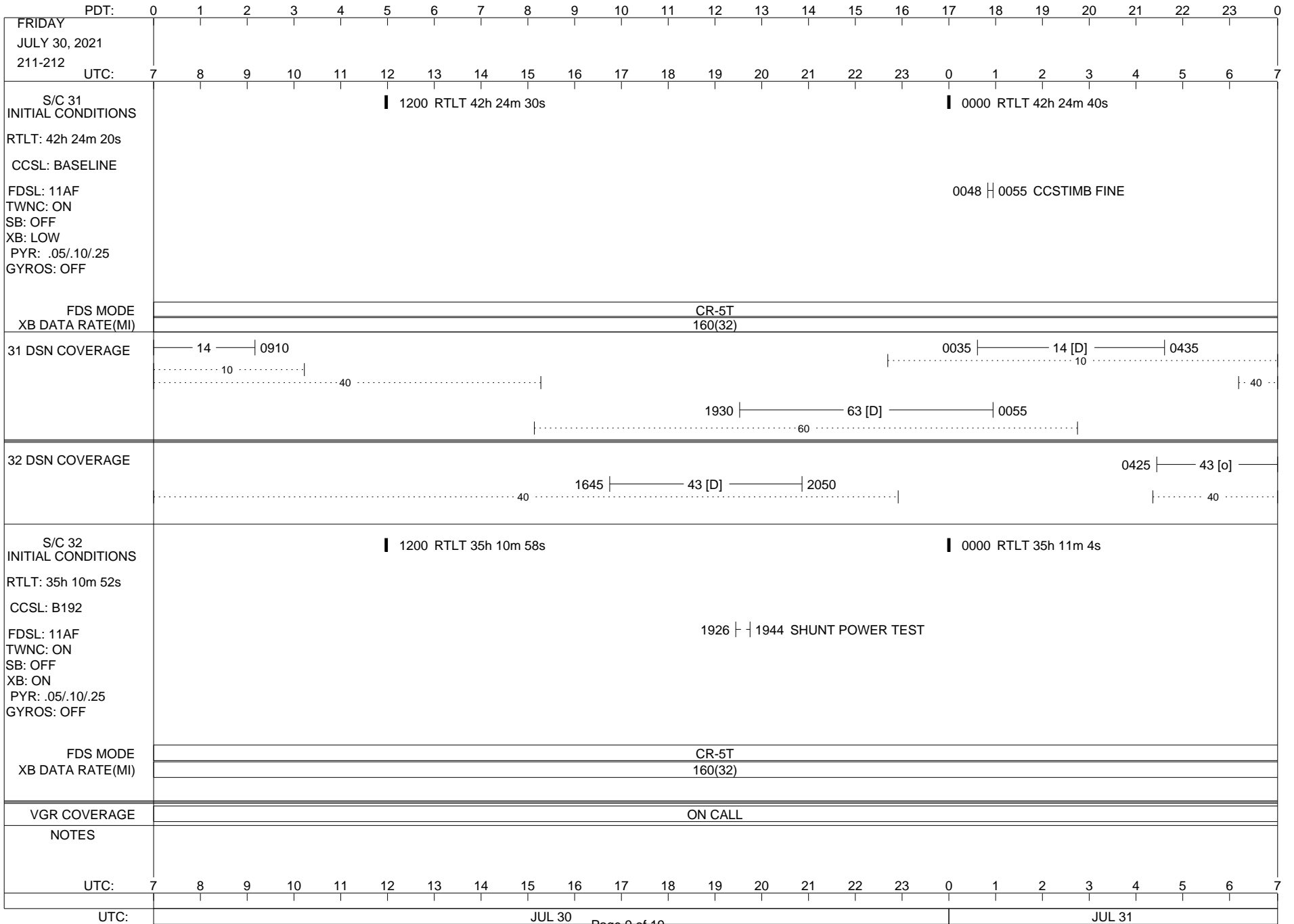


ISSUE DATE: 07/27/21 16:45

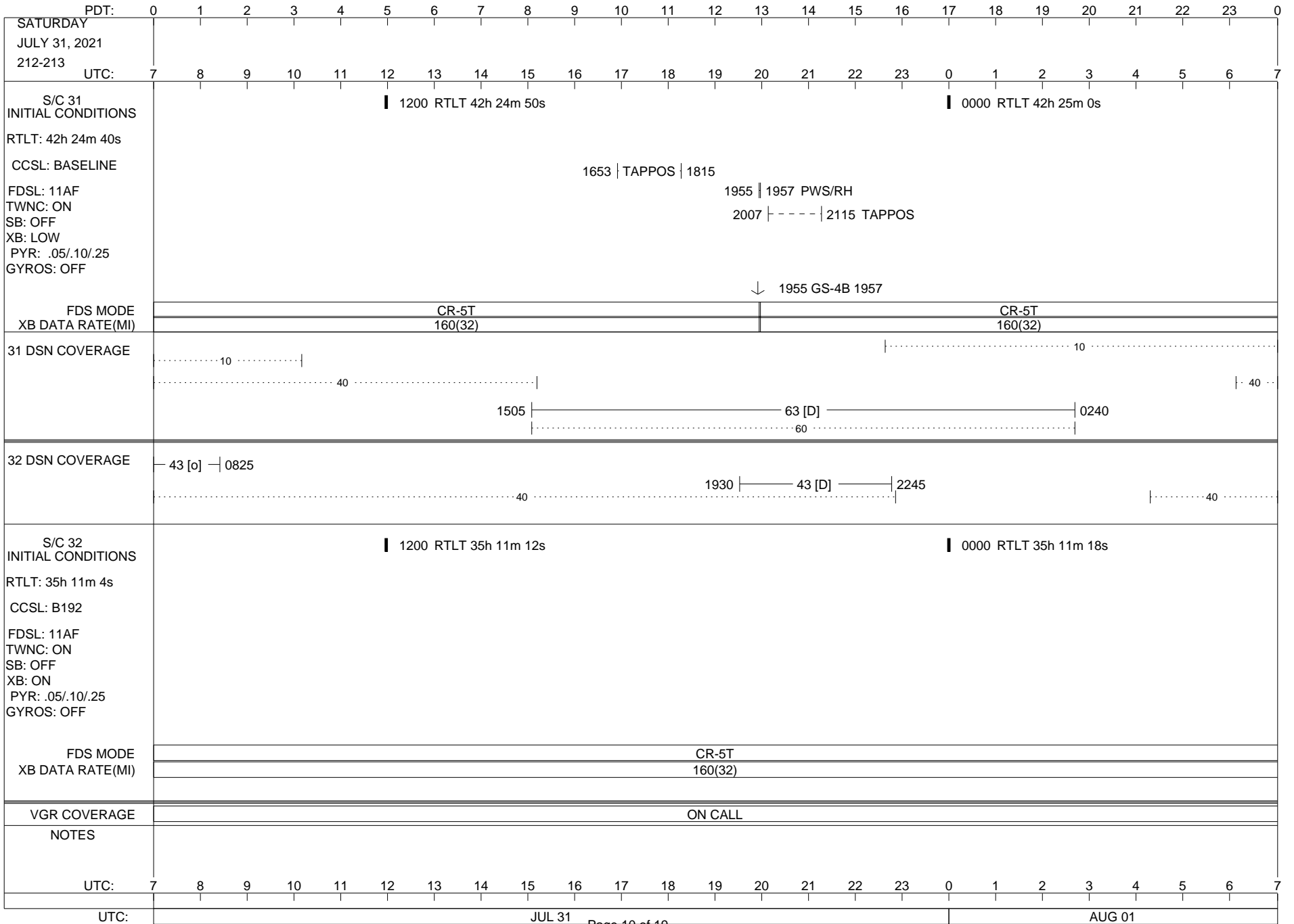


ISSUE DATE: 07/27/21 16:45





ISSUE DATE: 07/27/21 16:45

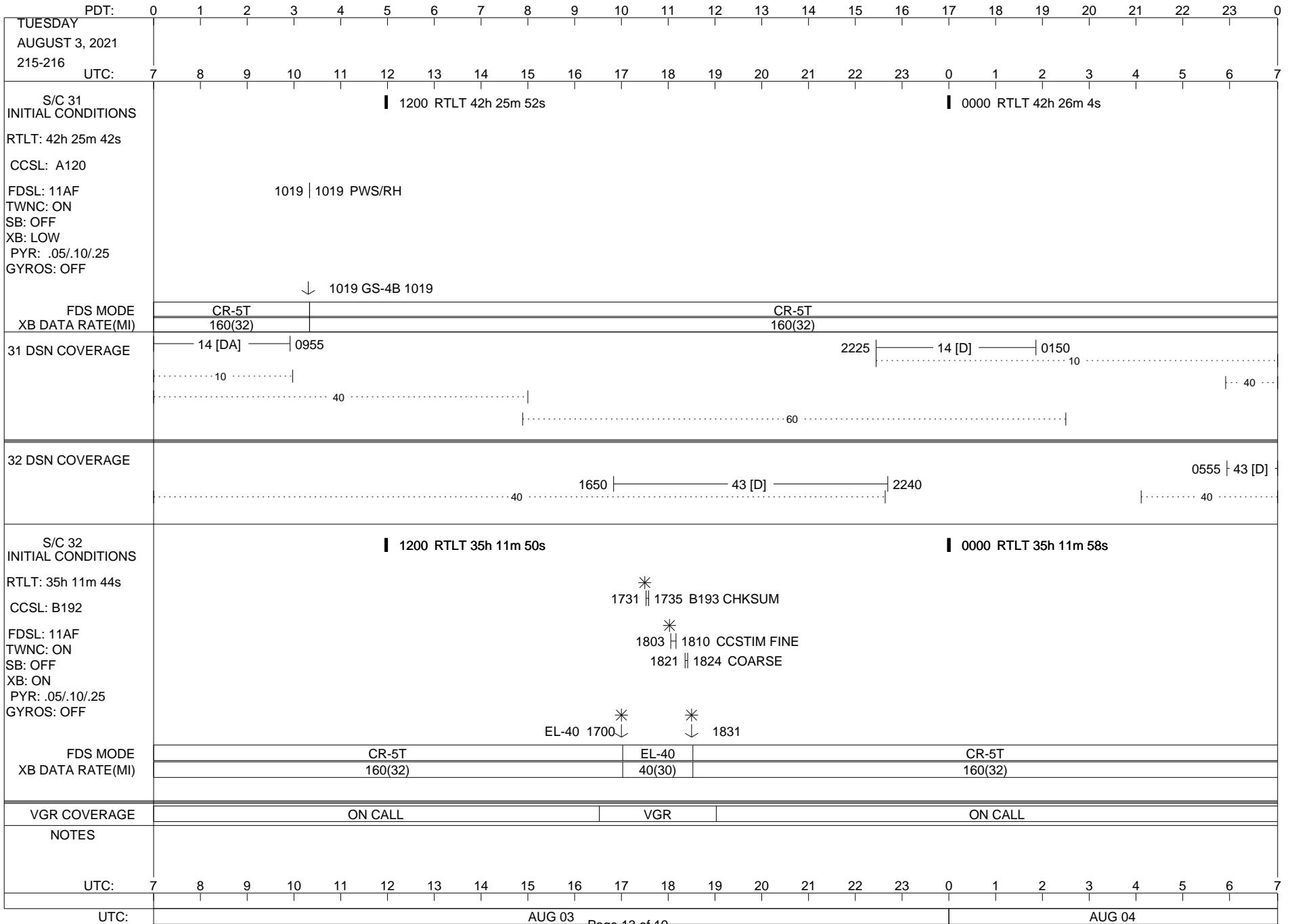


PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
SUNDAY AUGUST 1, 2021 213-214	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 42h 25m 0s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 42h 25m 10s												| 0000 RTLTL 42h 25m 22s												
BEGIN SEQUENCE A120 0623 ↓																									
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	..... 10 .....|												|..... 0000 |----- 14 [D] -----| 0300 |..... 10											
	..... 40 .....												|..... 40											
	1500 |----- 63 [D] -----| 1935												|..... 60											
32 DSN COVERAGE	1210 |----- 43 [D] -----| 2010												0505 |--- 43 [H] --- |..... 40												
S/C 32 INITIAL CONDITIONS RTLTL: 35h 11m 18s CCSL: B192 FDSL: 11AF TWNC: ON SB: OFF XB: ON PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 35h 11m 24s												| 0000 RTLTL 35h 11m 30s												
EL-40 (16:59) 0548 ▼ CCSL B193 (17:21) 0609 ▼ CCSTIM F/C (18:02) 0651 ▼																									
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL																					VGR			
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 01												AUG 02												

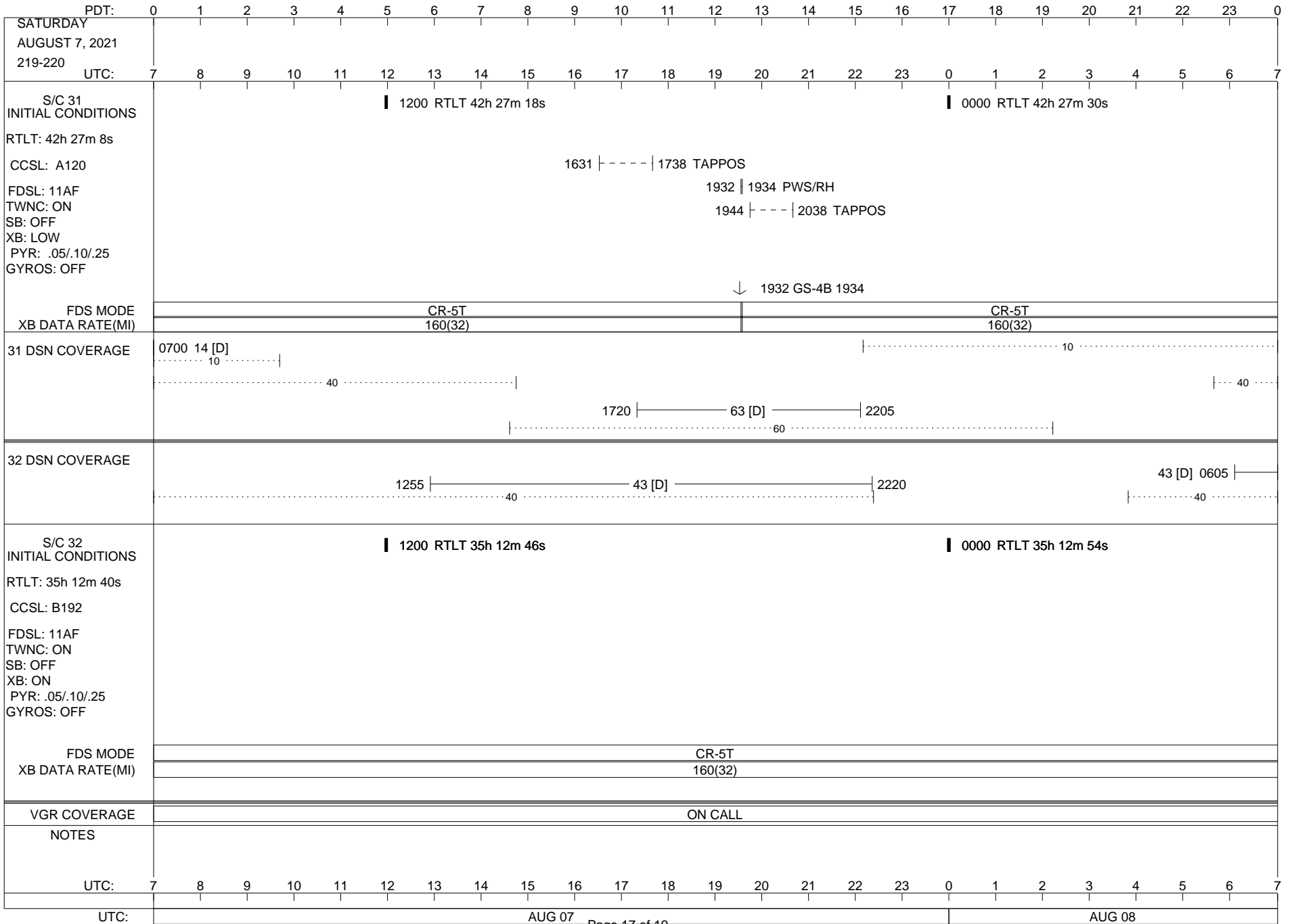
ISSUE DATE: 07/27/21 16:45

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 2, 2021 214-215																										
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 25m 22s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	| 1200 RTLT 42h 25m 32s												| 0000 RTLT 42h 25m 42s													
													PYR=.05/05/05 0428↓ SSB ASCAL 0433 | - | 0505 PYR=.05/10/25 0505 ↓ AAC SIN FCP SWAP TABLE NOP 0506↓ 1 SID MRO 0507↓ EL-40 0407↓ CR-5T 0510↓													
FDS MODE	CR-5T												EL-40		CR-5T											
XB DATA RATE(MI)	160(32)												40(30)		160(32)											
31 DSN COVERAGE	..... 10												0230 |----- 14 [DA] ----- 0230-0635 |----- 24 [DAR] -----| ..... 10 40 60												
32 DSN COVERAGE	----- 43 [H] ----- | 0940												..... 40 1920 |----- 43 [D] ----- | 2140 40												
S/C 32 INITIAL CONDITIONS RTLT: 35h 11m 30s CCSL: B192 FDSL: 11AF TWNC: ON SB: OFF XB: ON PYR: .05/10/25 GYROS: OFF	| 1200 RTLT 35h 11m 38s												| 0000 RTLT 35h 11m 44s													
	▼ 0719 CR-5T (18:31)																									
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
VGR COVERAGE	VGR	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:	AUG 02													AUG 03												

ISSUE DATE: 07/27/21 16:45



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 5, 2021 217-218																																						
S/C 31 INITIAL CONDITIONS RTLT: 42h 26m 24s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 26m 36s 1330 | TAPPOS | 1452 1632 | 1633 PWS/RH 1644 | - - - - | 1752 TAPPOS ↓ 1632 GS-4B 1633														0000 RTLT 42h 26m 46s BAY 1 HTR OFF 0316 ↓ GYROS BC ON 0316 ↓ GYRO INIT 0316 ↓ GYRO FAULT TEST 0326 ↓ AAI 0346 ↓ MAGROL 0349 | - - | 0421 RAI 0429 ↓ GYROS OFF 0435 ↓ BAY 1 HTR ON 0443 ↓ 0319 EL-40 0321 ↓																							
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)							CR-5T 160(32)							CR-5T 160(32)																							
31 DSN COVERAGE 10 40 60										0245 |-----| 14 [DA] 0245 |-----| 25 [DAR]							
32 DSN COVERAGE 40 60 80										2100 |-----| 43 [D] |-----| 2230 43 [o] 0650 |-----| 40							
S/C 32 INITIAL CONDITIONS RTLT: 35h 12m 12s CCSL: B192 FDSL: 11AF TWNC: ON SB: OFF XB: ON PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 12m 18s														0000 RTLT 35h 12m 26s																							
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:	AUG 05														AUG 06																							



ISSUE DATE: 07/27/21 16:45

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 AUGUST 8, 2021 220-221	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 27m 30s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 42h 27m 40s												| 0000 RTLT 42h 27m 52s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	..... 10 .....										|..... 10													
	..... 40 .....										|..... 40													
											1705 |----- 63 [D] -----| 0205															
											|----- 60															
32 DSN COVERAGE	----- 43 [D] -----| 1255										43 [H1] 0640 |															
	..... 40 .....										|..... 40													
S/C 32 INITIAL CONDITIONS RTLT: 35h 12m 54s CCSL: B192 FDSL: 11AF TWNC: ON SB: OFF XB: ON PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 35h 13m 2s												| 0000 RTLT 35h 13m 8s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
VGR COVERAGE	ON CALL																									
NOTES	[1] B193 BACKUP U/L TRACK, HP DRV ON >= 05:12																									
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												

ISSUE DATE: 07/27/21 16:45

