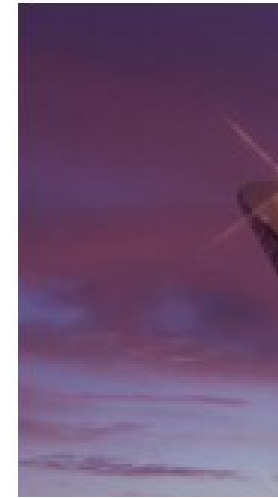
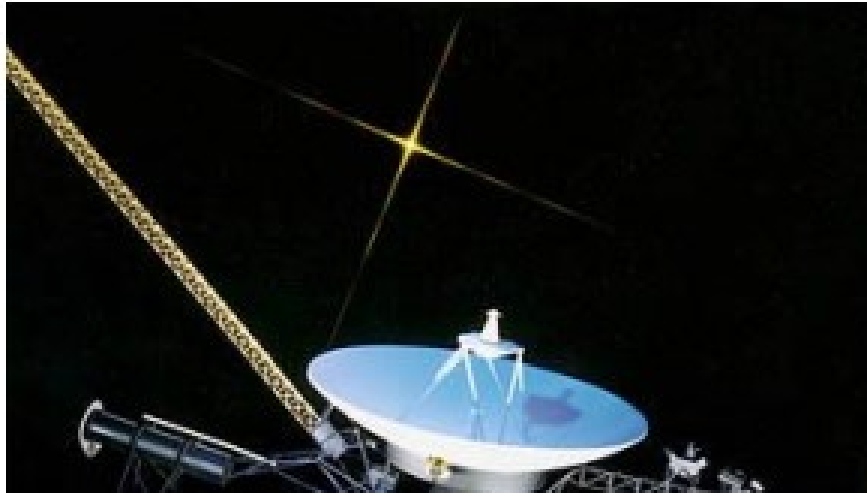


# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: July 17, 2024

For the Period: 07/18/24 to 08/05/24 (24/200 – 24/218)

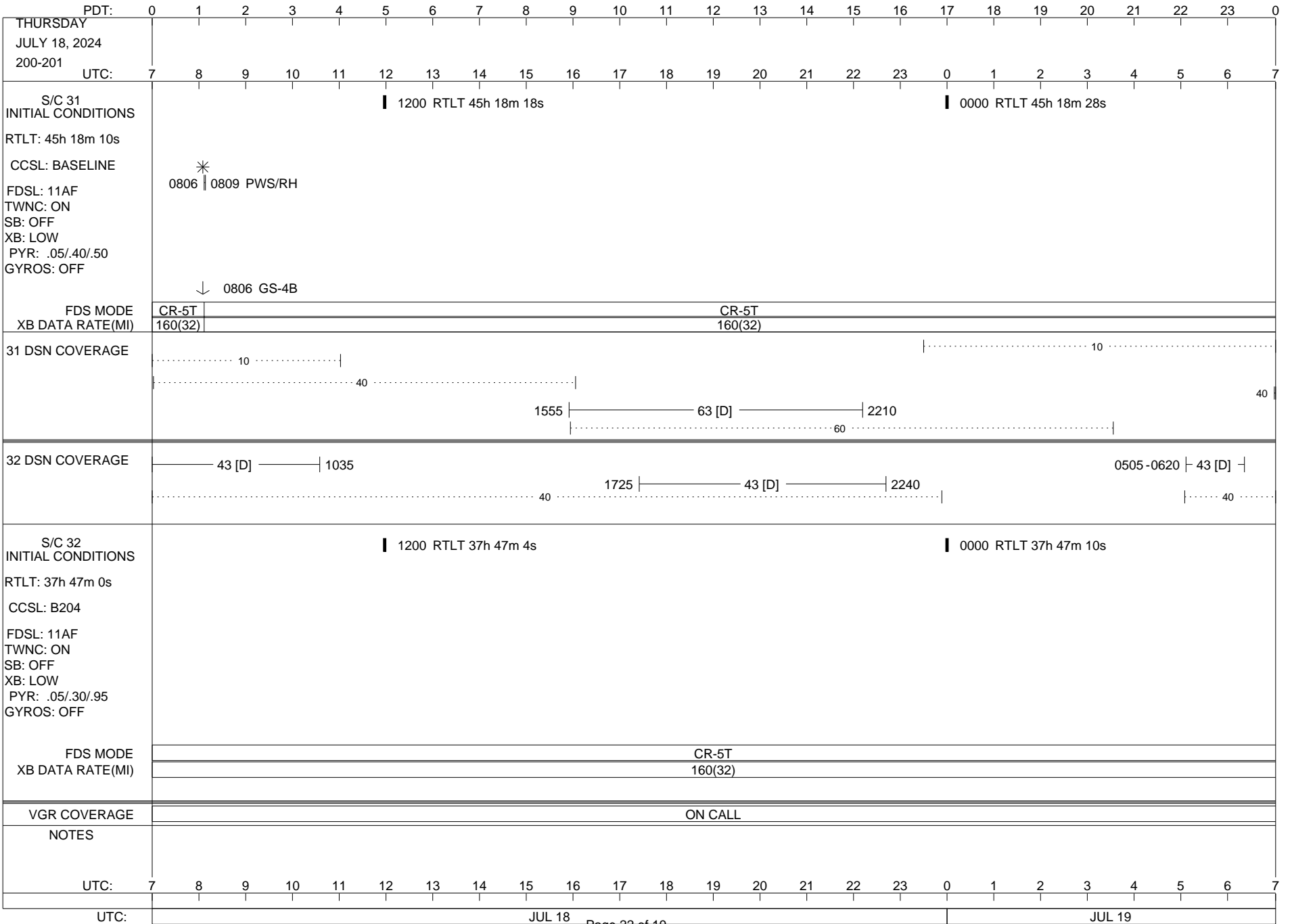


Posted at <https://voyager.jpl.nasa.gov/mission/status/>

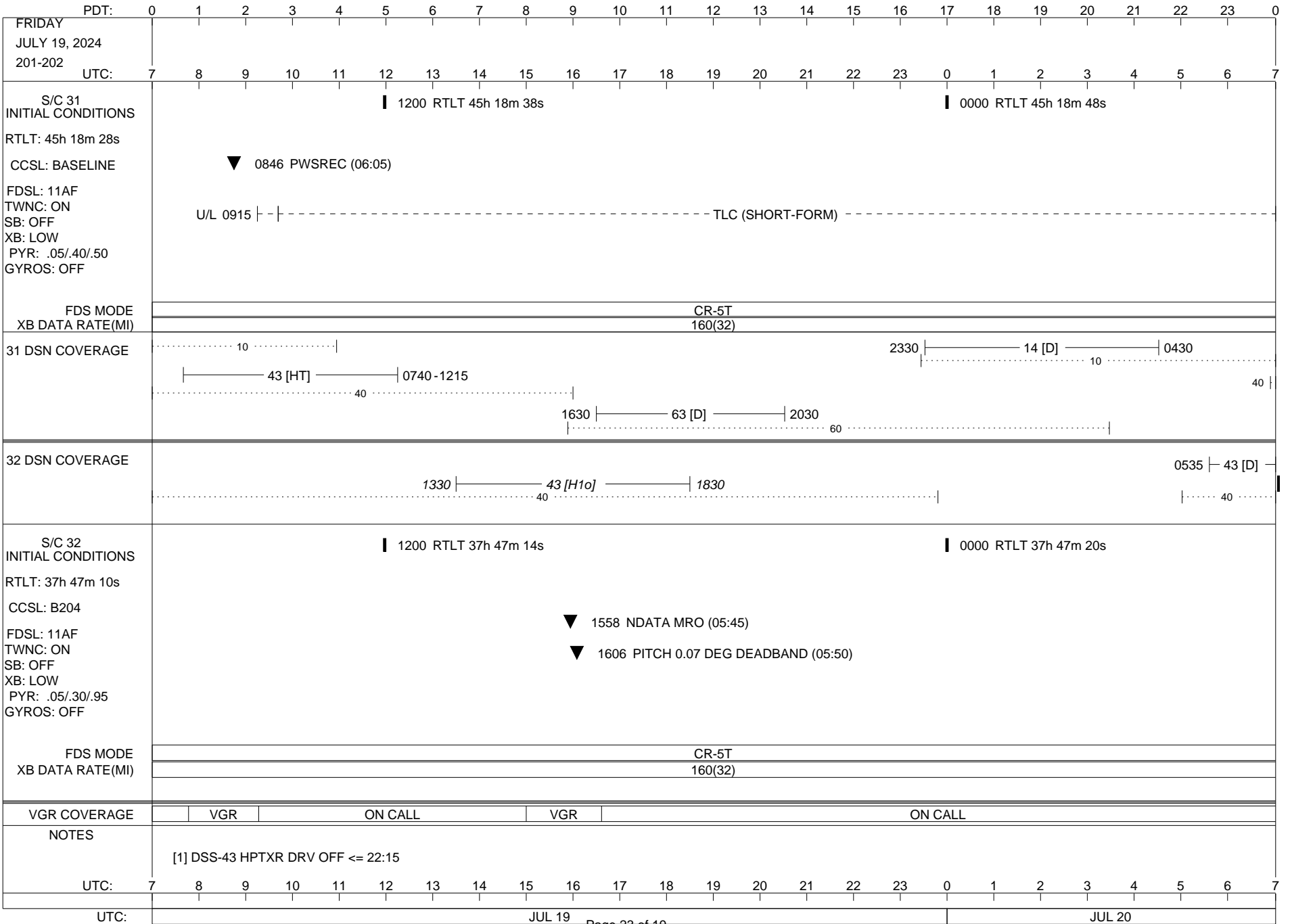
**LEGEND:**

- ▽ = 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

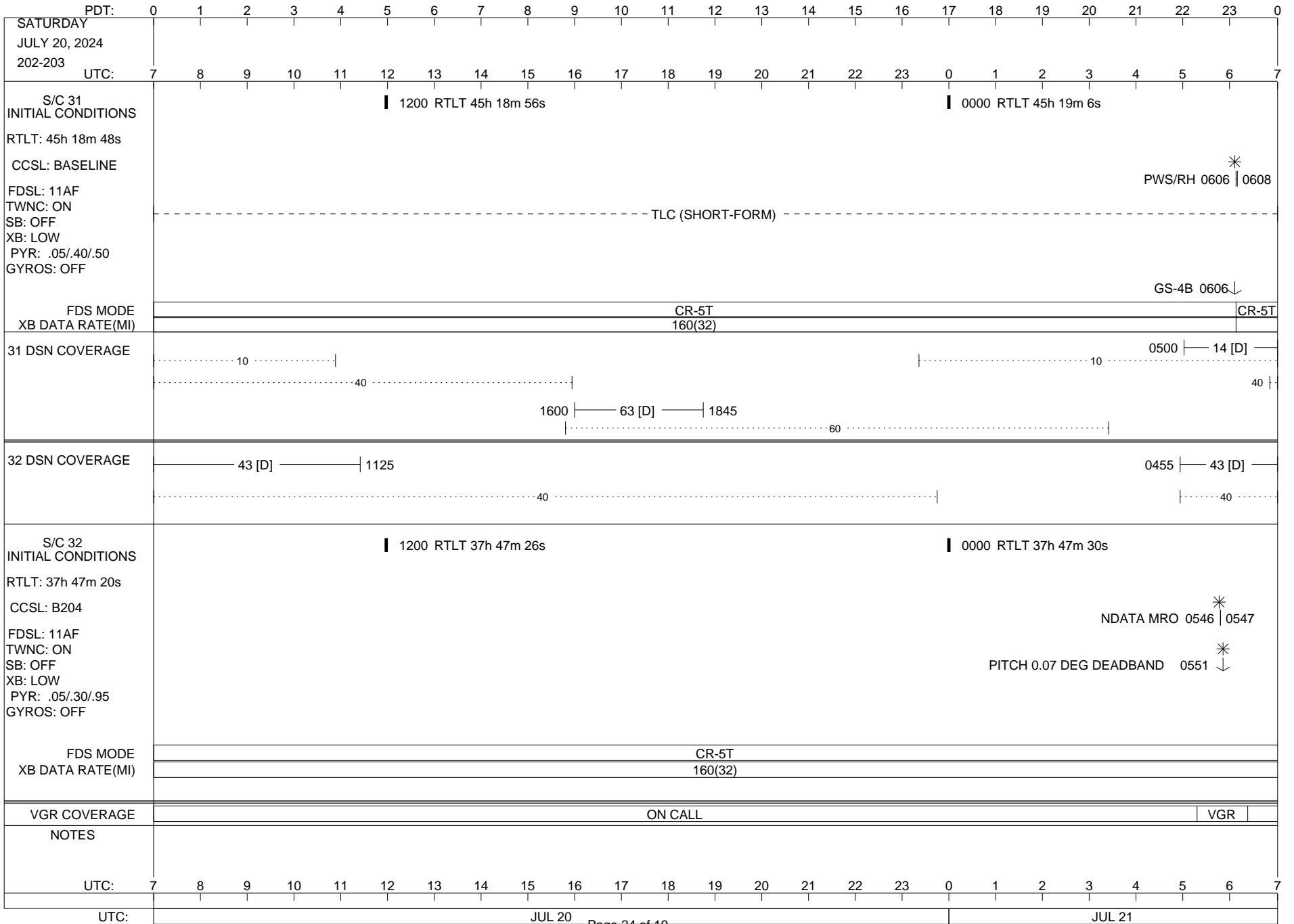
ISSUE DATE: 07/20/24 17:31



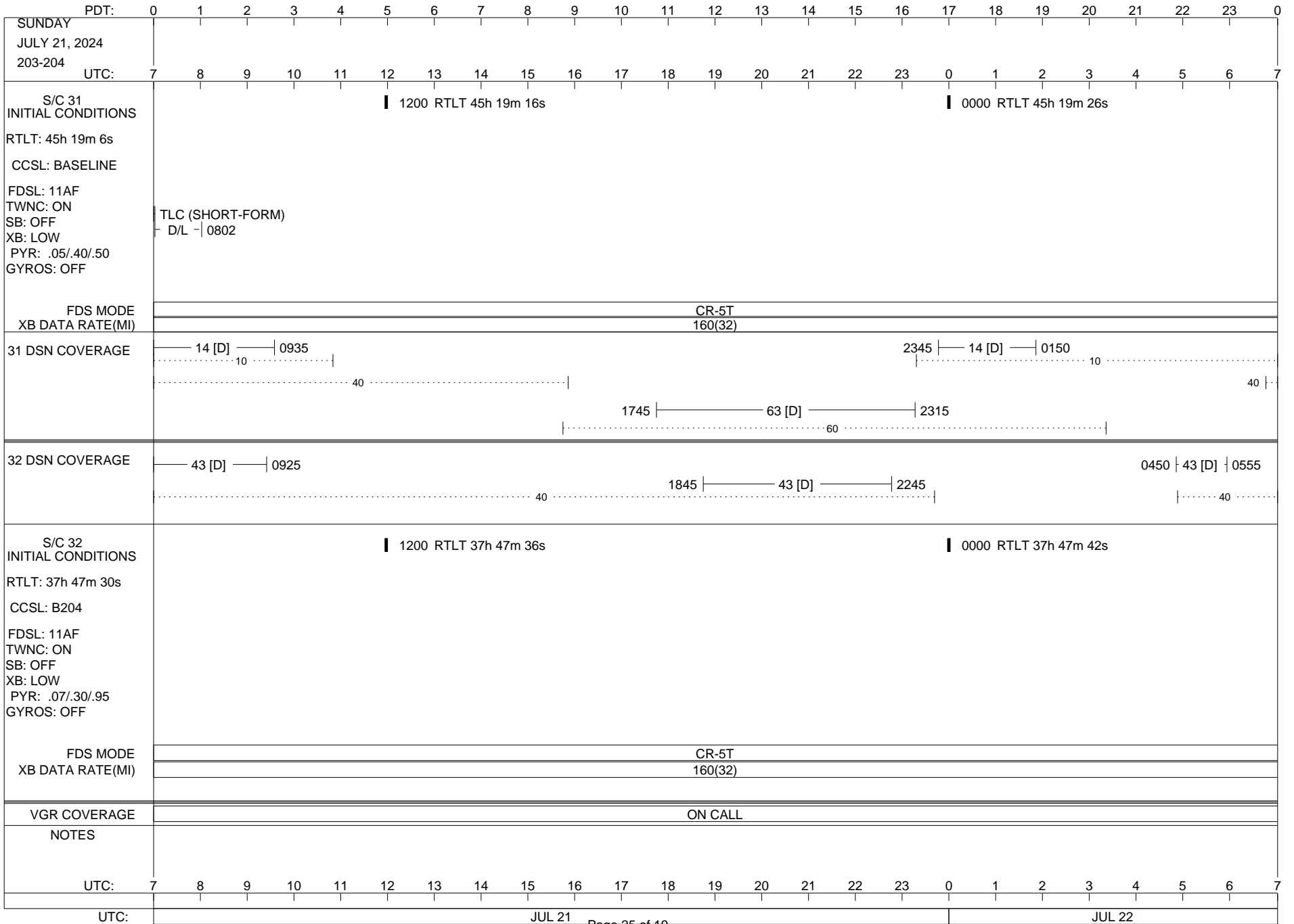
ISSUE DATE: 07/20/24 17:31



ISSUE DATE: 07/20/24 17:31



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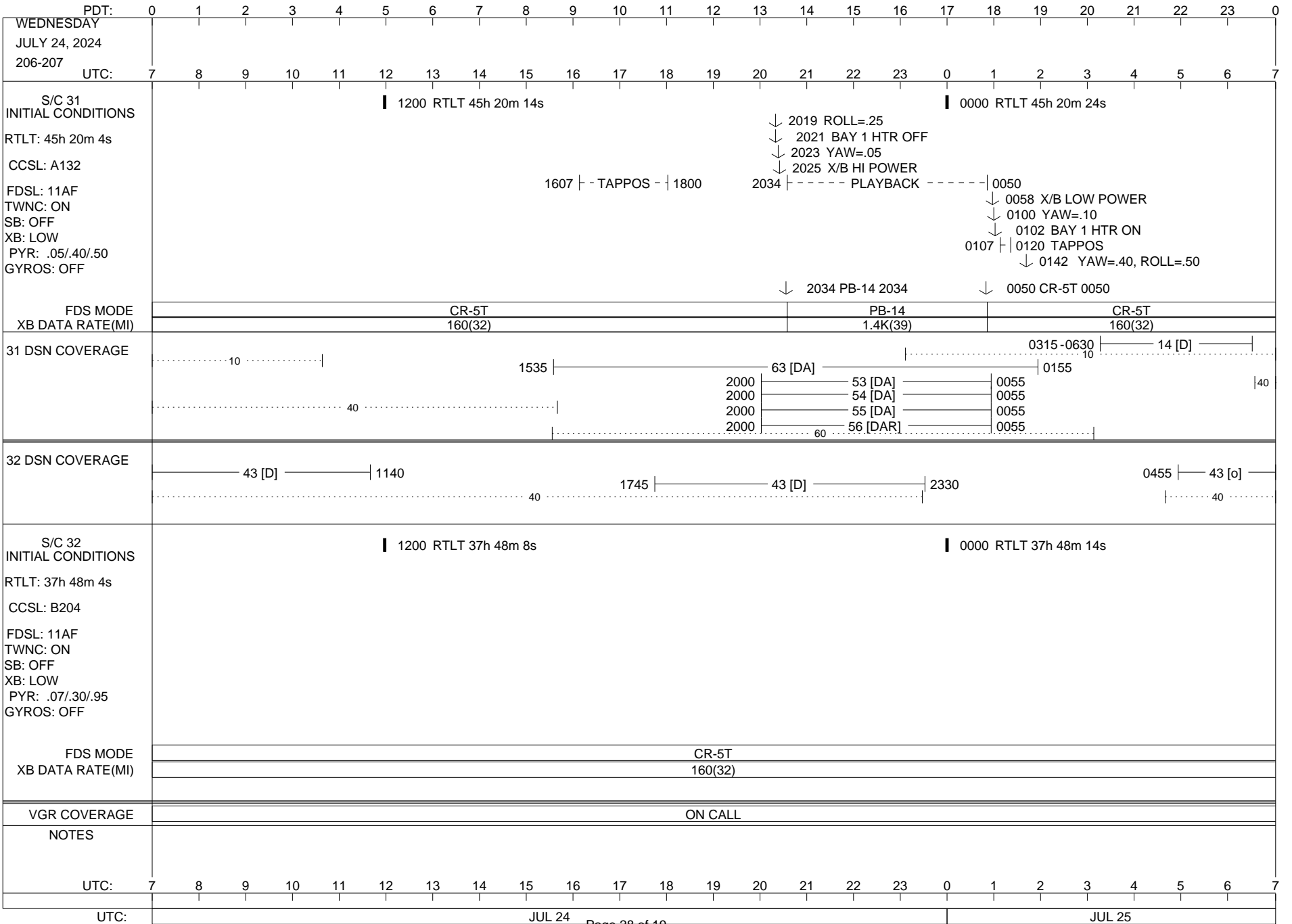
ISSUE DATE: 07/20/24 17:31

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
MONDAY JULY 22, 2024 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 RTLTL: 45h 19m 26s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.40/.50 GYROS: OFF	█ 1200 RTLTL 45h 19m 34s												█ 0000 RTLTL 45h 19m 44s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	.....10.....												.....0120 -----14 [D]----- 0530												
	.....40.....												.....10.....												
	1540 -----63 [D]----- 2045												.....40												
	.....60.....																								
32 DSN COVERAGE	1515 -----43 [H1Bo]----- 2140												.....40.....												
S/C 32 INITIAL CONDITIONS RTLTL: 37h 47m 42s CCSL: B204 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .07/.30/.95 GYROS: OFF	█ 1200 RTLTL 37h 47m 46s												█ 0000 RTLTL 37h 47m 52s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL												VGR ON CALL												
NOTES	[1] DSS-43 HPTXR DRV OFF <= 22:05																								
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: 07/20/24 17:31

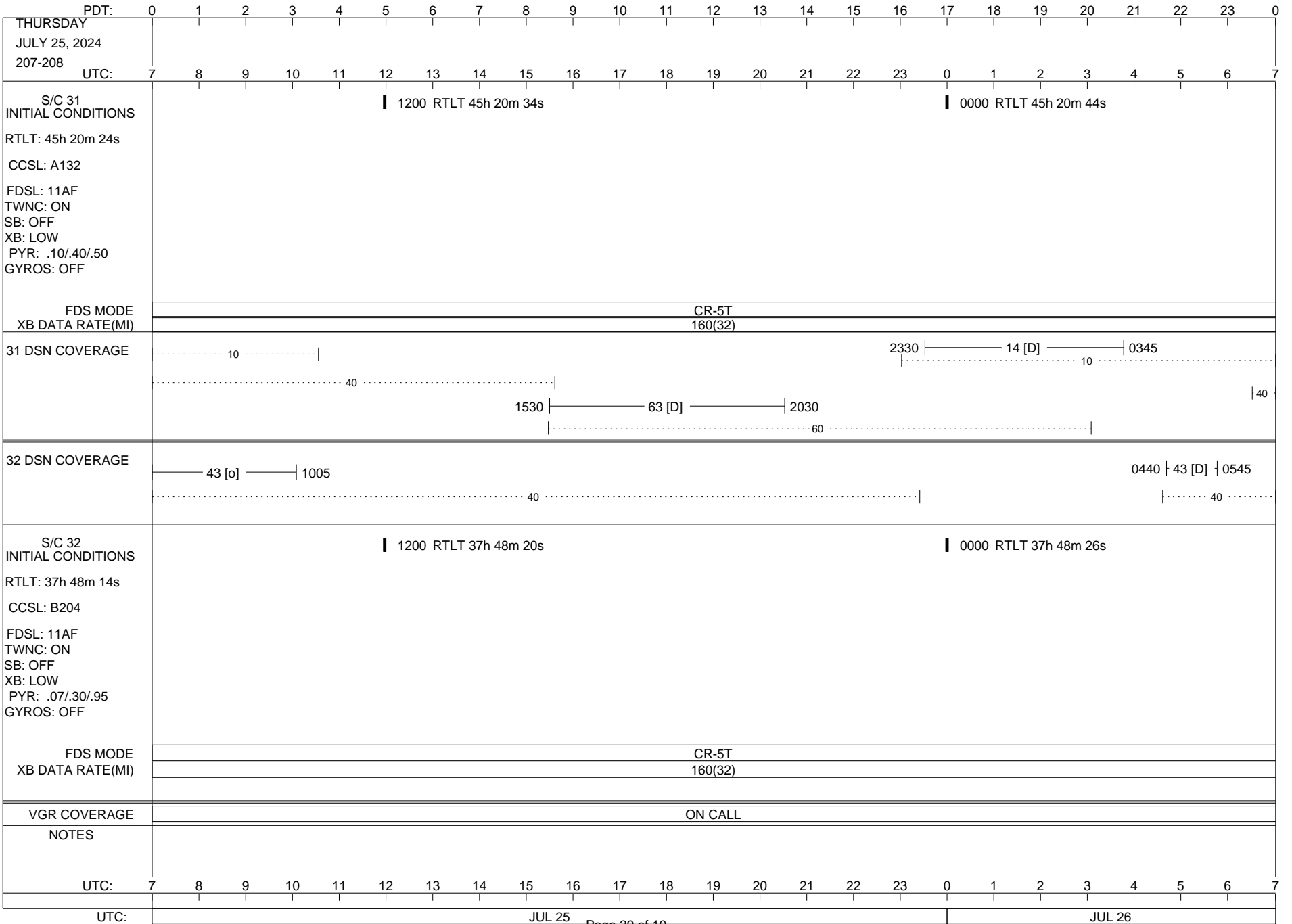
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
TUESDAY JULY 23, 2024 205-206																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 45h 19m 44s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.40/.50 GYROS: OFF						1200												0000							
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 37h 47m 52s CCSL: B204 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .07/.30/.95 GYROS: OFF						1200												0000							
FDS MODE XB DATA RATE(MI)																									
VGR COVERAGE																									
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:																									

ISSUE DATE: 07/20/24 17:31



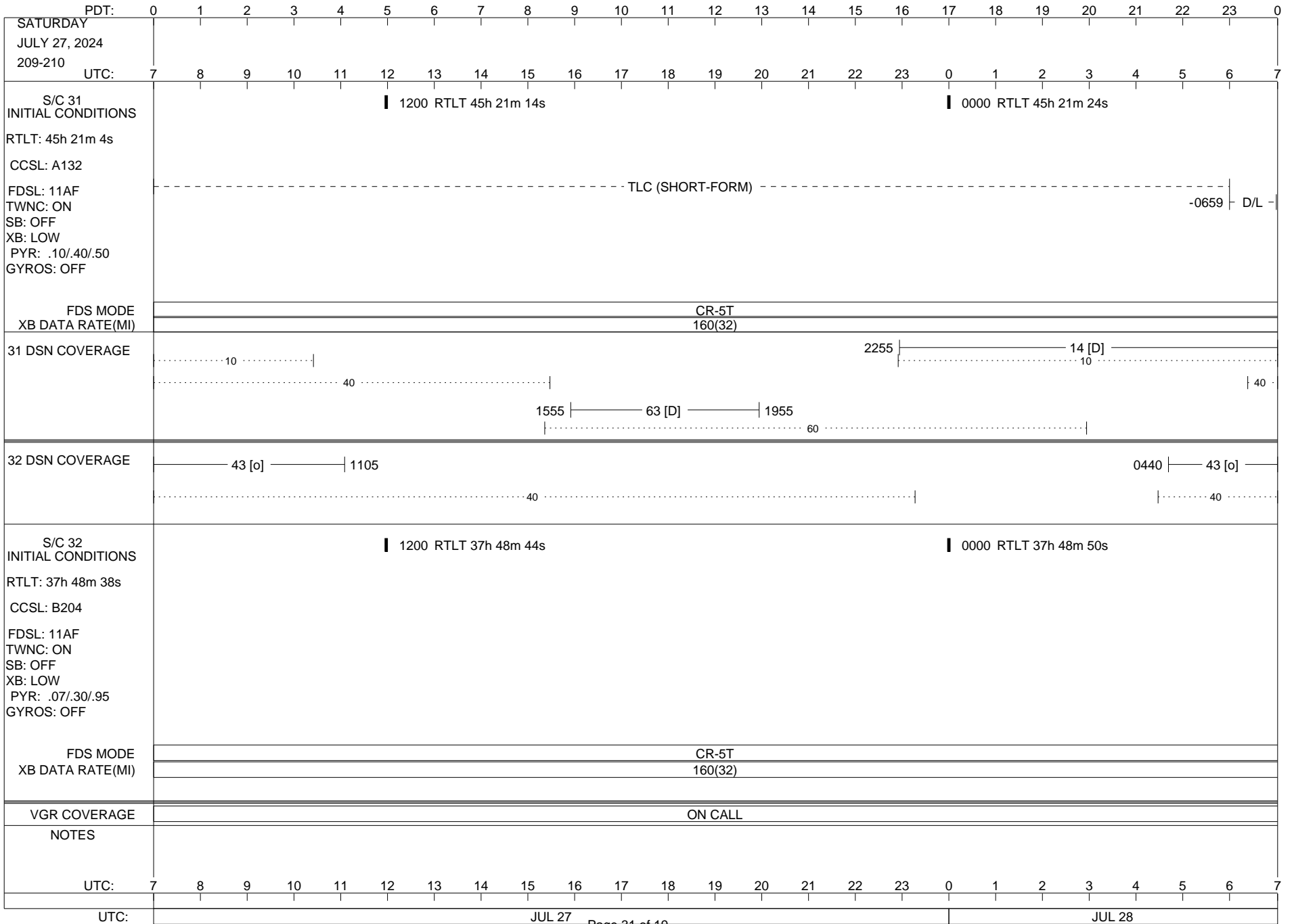


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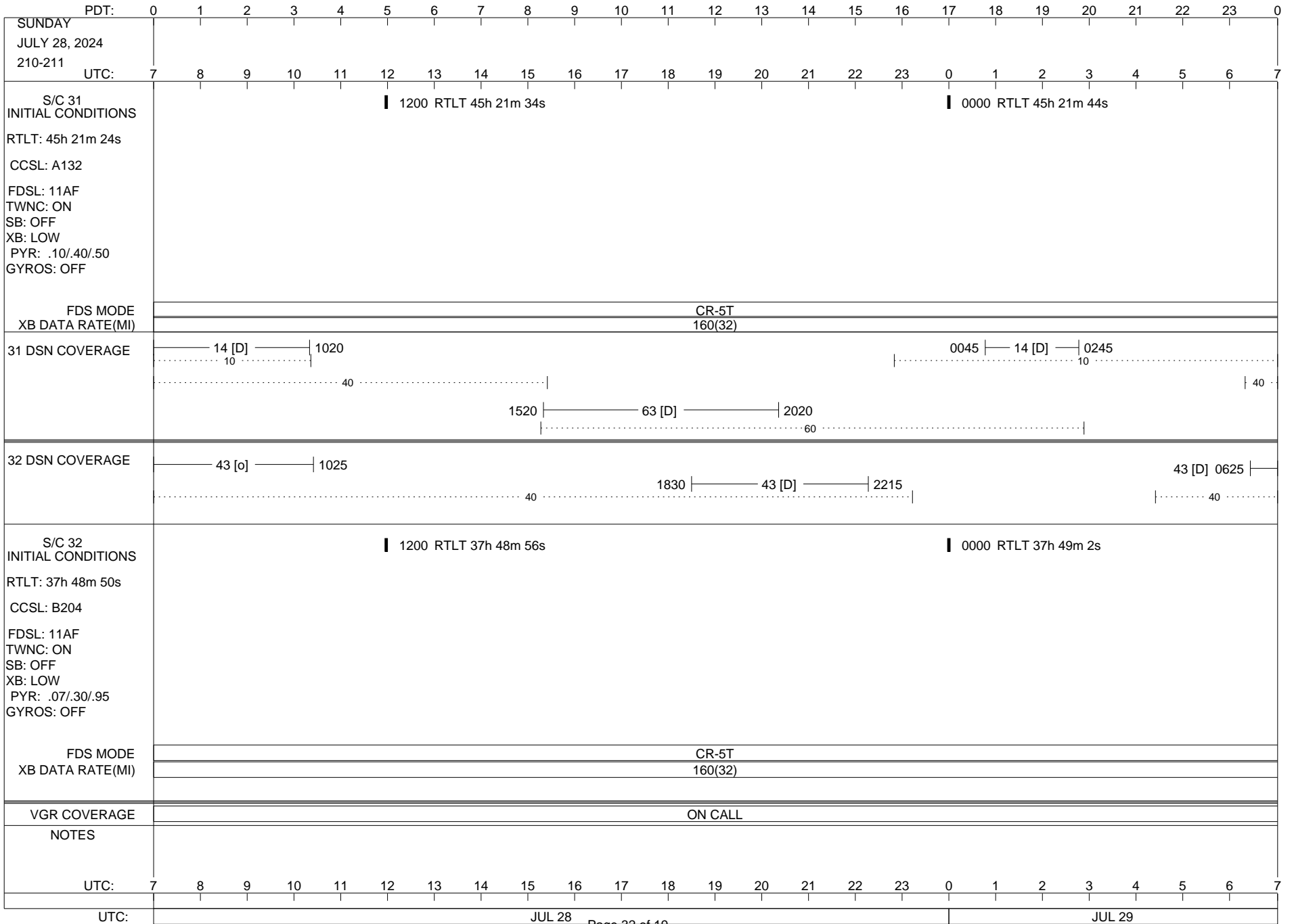




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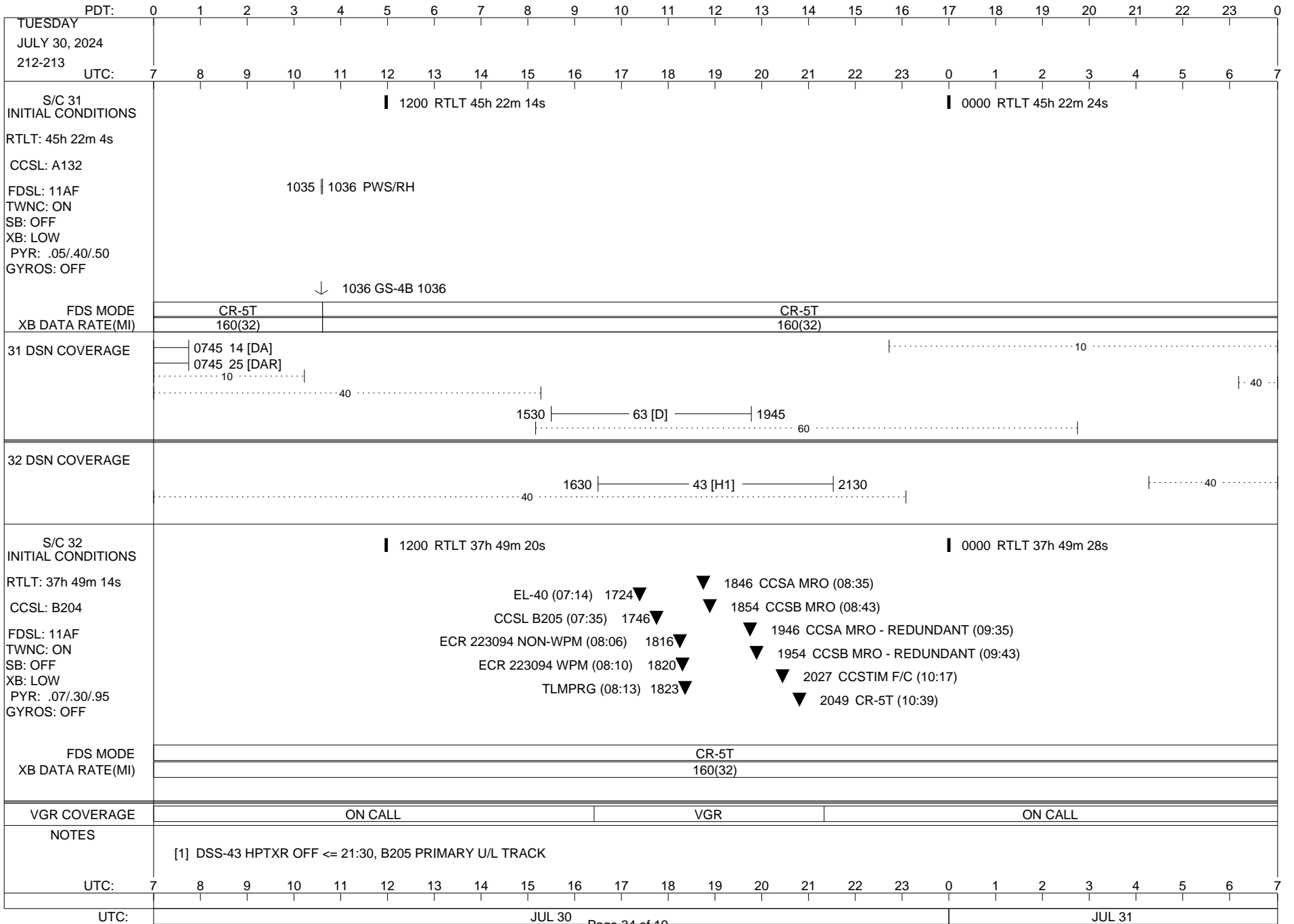
ISSUE DATE: 07/20/24 17:31



ISSUE DATE: 07/20/24 17:31

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								
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								
MONDAY JULY 29, 2024 211-212																																	
S/C 31 INITIAL CONDITIONS RTLT: 45h 21m 44s CCSL: A132 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .10/.40/.50 GYROS: OFF	1200 RTLT 45h 21m 54s												0000 RTLT 45h 22m 4s																				
	PYR=.05/.05/.05 0457↓																				ASCAL 0501   -   0534		PYR=.05/.40/.50 0534 ↓		AAC SIN FCP SWAP TABLE NOP 0535↓			1 SID MRO 0537↓		EL-40 0435↓		CR-5T 0538↓	
FDS MODE	CR-5T												EL-40		CR-5T																		
XB DATA RATE(MI)	160(32)												40(30)		160(32)																		
31 DSN COVERAGE	..... 10 .....										..... 40 .....										0345   14 [DA]		0345   25 [DAR]		..... 10 .....		..... 40 .....						
					1515   63 [D]   1915								..... 60 .....																				
32 DSN COVERAGE	43 [D]   1025				1710   43 [D]   2140				..... 40 .....				..... 40 .....																				
S/C 32 INITIAL CONDITIONS RTLT: 37h 49m 2s CCSL: B204 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .07/.30/.95 GYROS: OFF	1200 RTLT 37h 49m 8s												0000 RTLT 37h 49m 14s																				
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:	JUL 29														JUL 30																		

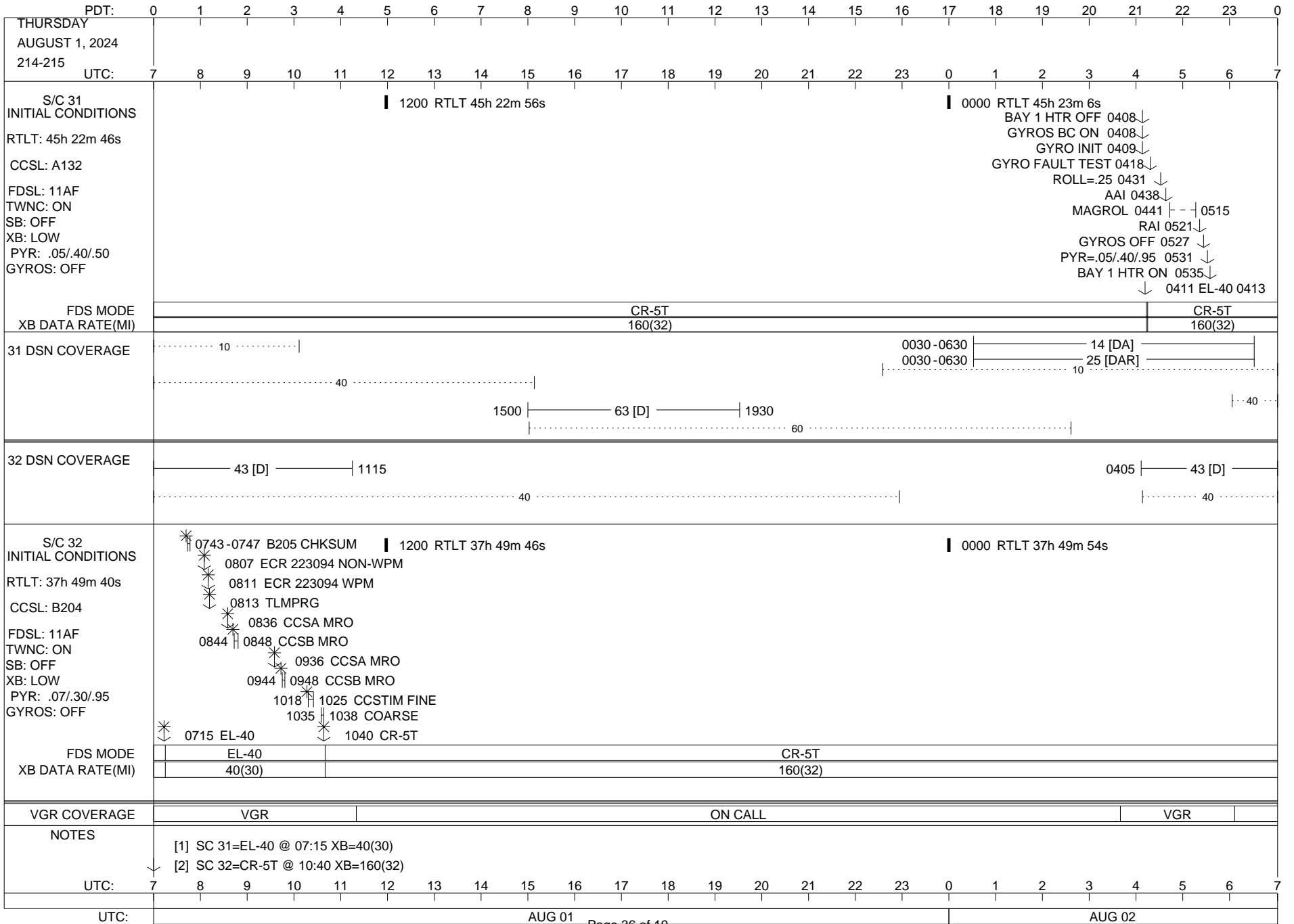
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ISSUE DATE: 07/20/24 17:31

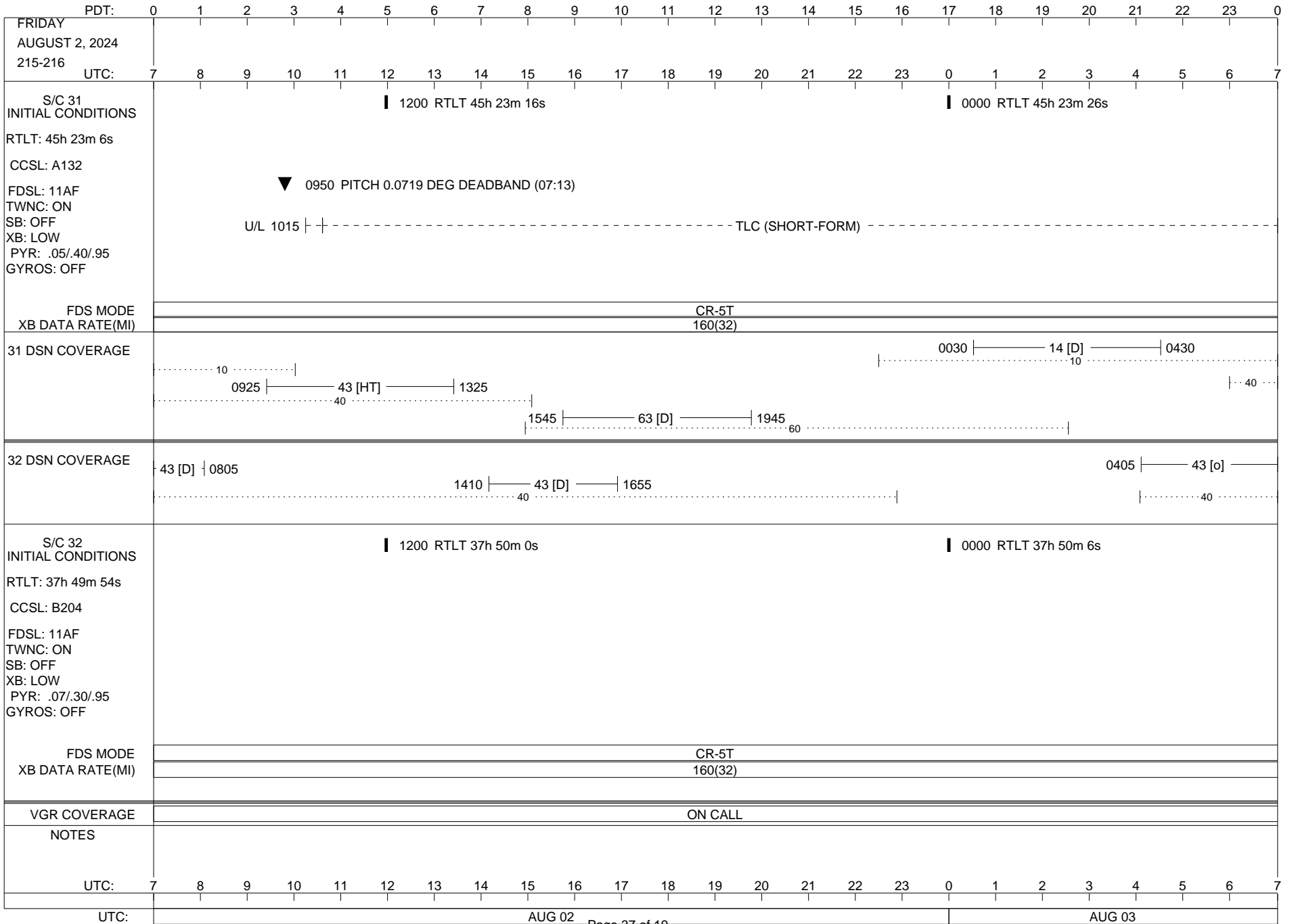
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0		
WEDNESDAY JULY 31, 2024 213-214																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLT: 45h 22m 24s CCSL: A132 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.40/.50 GYROS: OFF						█ 1200 RTLT 45h 22m 34s												█ 0000 RTLT 45h 22m 46s									
FDS MODE													CR-5T														
XB DATA RATE(MI)													160(32)														
31 DSN COVERAGE	.....10.....										.....10.....																
	.....40.....										.....40..																
											.....60.....																
32 DSN COVERAGE											.....40.....																
											0515   43 [D]																
											.....40.....																
S/C 32 INITIAL CONDITIONS RTLT: 37h 49m 28s CCSL: B204 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .07/.30/.95 GYROS: OFF						█ 1200 RTLT 37h 49m 34s												█ 0000 RTLT 37h 49m 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:	JUL 31													AUG 01													

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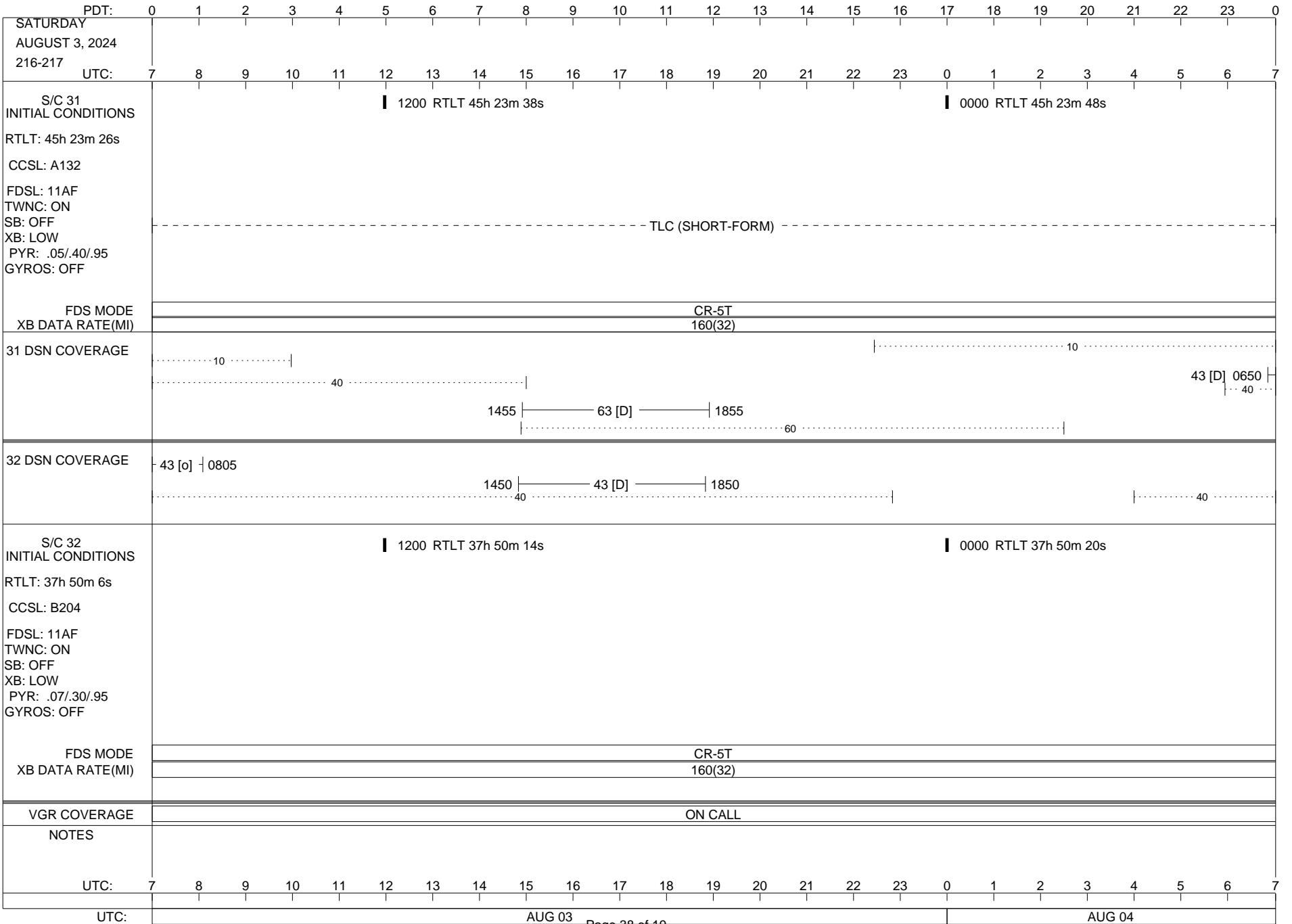




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ISSUE DATE: 07/20/24 17:31



ISSUE DATE: 07/20/24 17:31

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
SUNDAY AUGUST 4, 2024 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: 45h 23m 48s CCSL: A132 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.40/.95 GYROS: OFF	1200 RTLT 45h 23m 58s												0000 RTLT 45h 24m 10s												
	* ↓ 0714 PITCH 0.0719 DEG DEADBAND																								
	-----  TLC (SHORT-FORM)   D/L -  0906																								
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	..... 10 .....												2225  ----- 14 [D] -----  0055												
	----- 43 [D] -----  1110												..... 10 .....												
	..... 40 .....												----- 40 .....												
	1450  ----- 63 [D] -----  1850												..... 60 .....												
32 DSN COVERAGE	..... 40 .....												1745  ----- 43 [D] -----  2245												
	..... 40 .....												----- 40 .....												
S/C 32 INITIAL CONDITIONS RTLT: 37h 50m 20s CCSL: B204 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .07/.30/.95 GYROS: OFF	1200 RTLT 37h 50m 26s												0000 RTLT 37h 50m 34s												
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 04												AUG 05												

ISSUE DATE: 07/20/24 17:31

