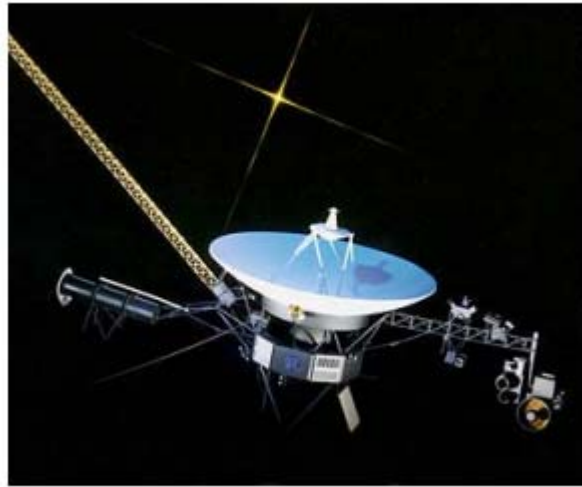


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: July 12, 2023

For the Period: 07/13/23 to 08/07/23 (23/194 – 23/219)

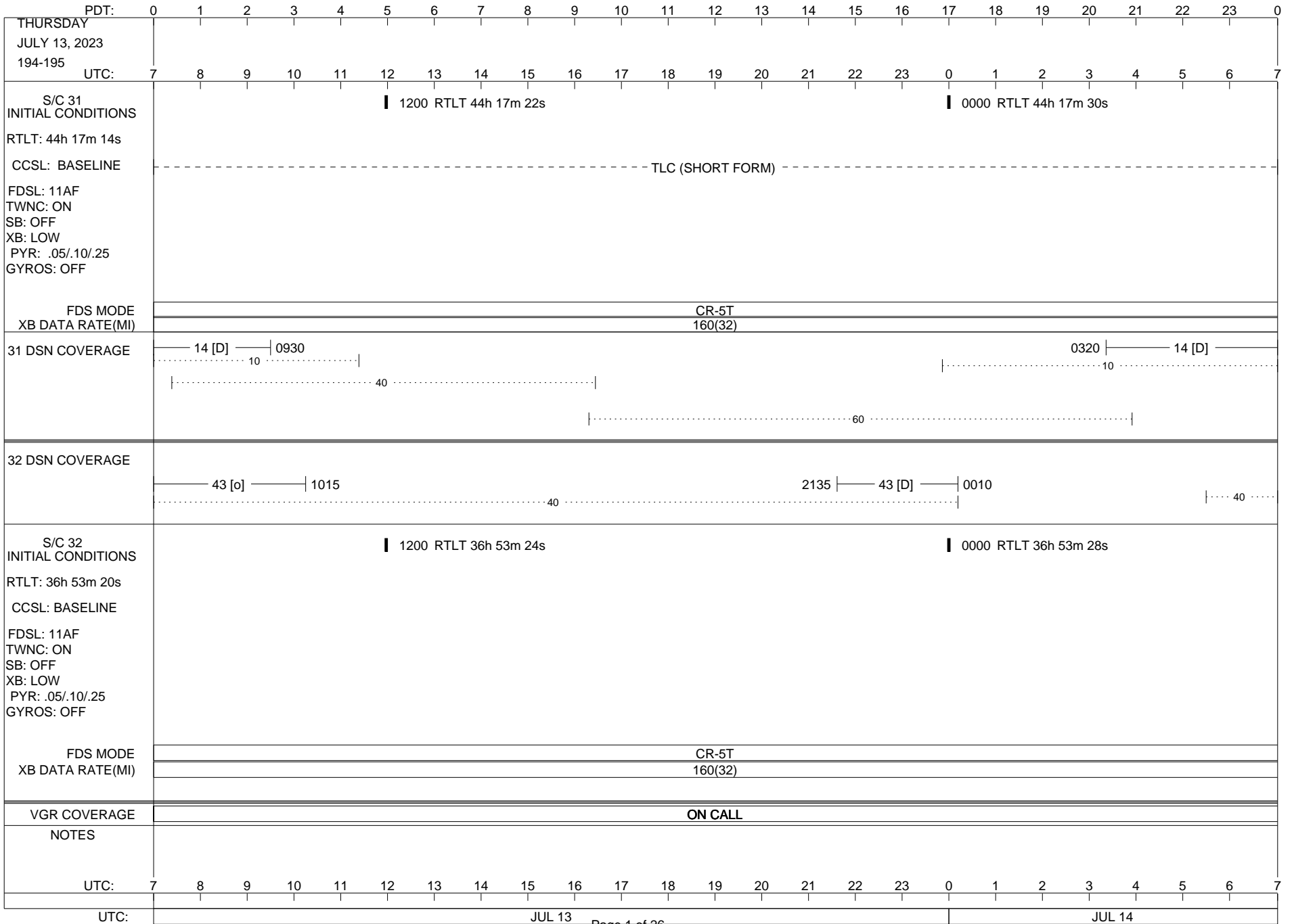


Posted at <https://voyager.jpl.nasa.gov/mission/status/>

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

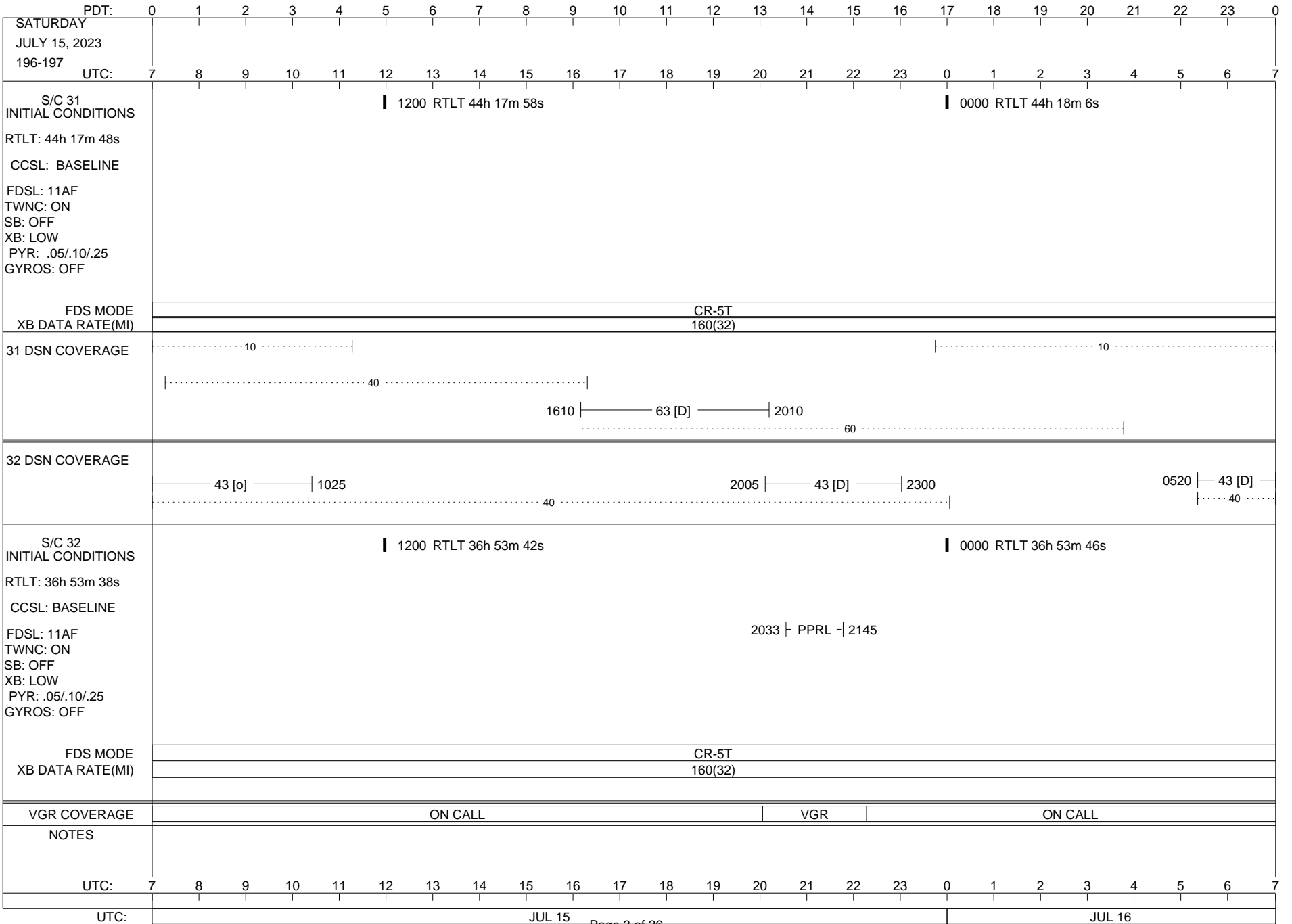
ISSUE DATE: 07/11/23 16:24



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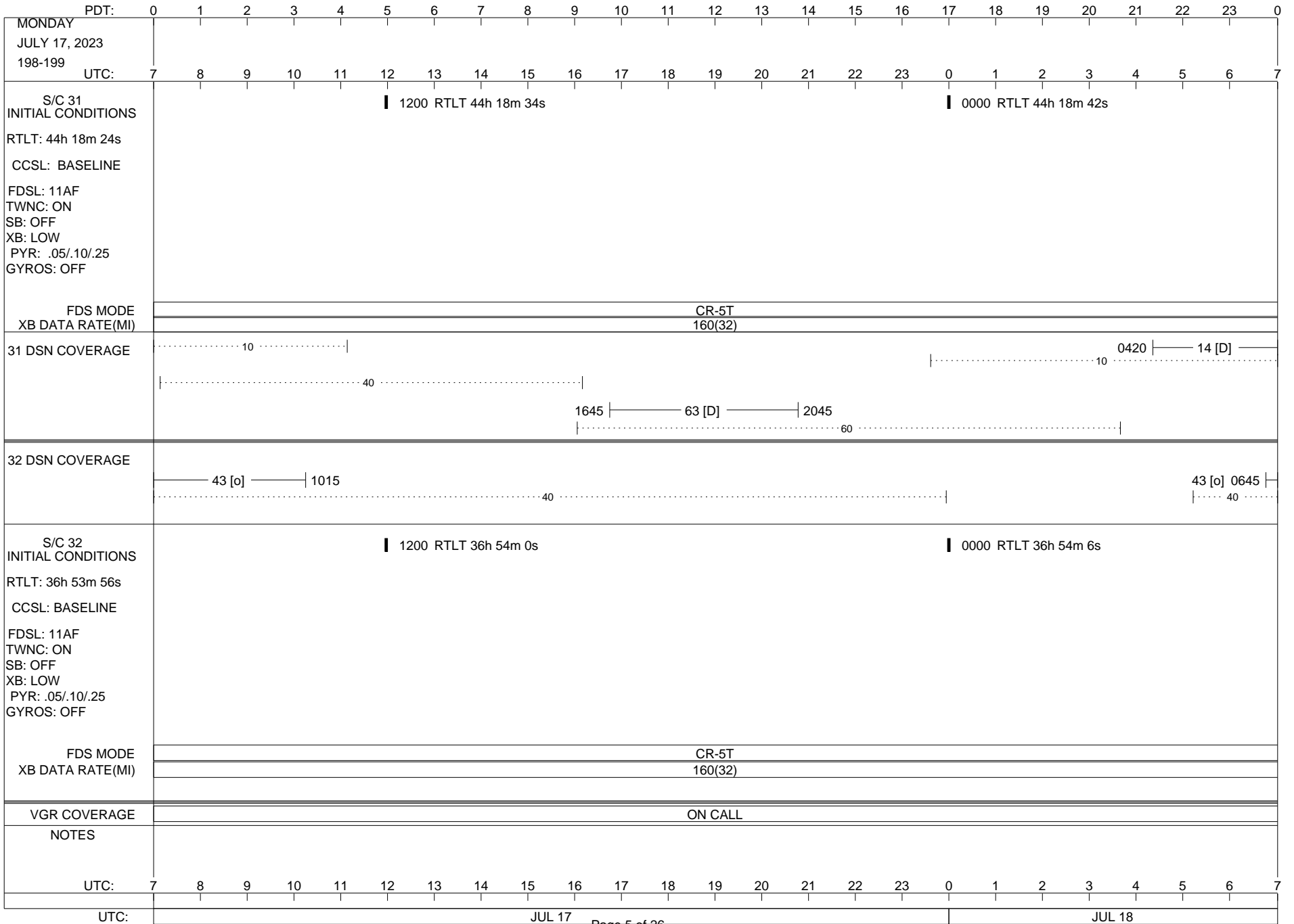
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FRIDAY JULY 14, 2023 195-196																											
UTC:		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLTL: 44h 17m 30s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 44h 17m 40s												0000 RTLT 44h 17m 48s													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)																									
31 DSN COVERAGE		14 [D] | 1120 10 .....| .....40												1615 | 63 [D] | 2015 | .....60													
32 DSN COVERAGE		0815 | 43 [D] | 1215 40 .....| .....40												1900 | 43 [D] | 0005 | .....40													
S/C 32 INITIAL CONDITIONS RTLTL: 36h 53m 28s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 36h 53m 32s												0000 RTLT 36h 53m 38s													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)																									
VGR COVERAGE		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	
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ISSUE DATE: 07/11/23 16:24

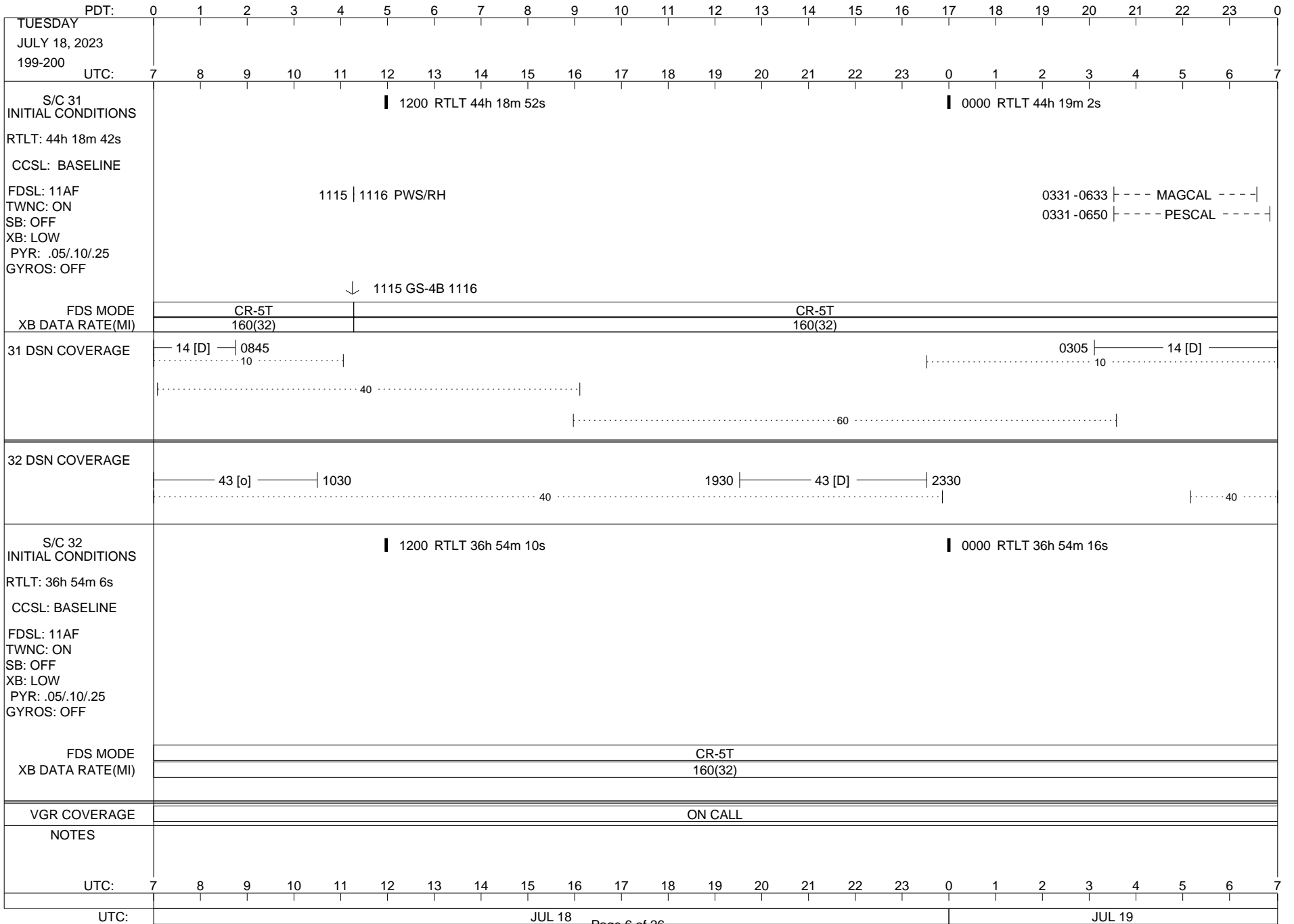


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SUNDAY JULY 16, 2023 197-198	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 44h 18m 6s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 44h 18m 16s												| 0000 RTLTL 44h 18m 24s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	..... 10 .....												..... 10											
	|..... 40 .....												|..... 60											
	1610 |----- 63 [D] -----| 2110																								
32 DSN COVERAGE	----- 43 [D] -----| 0920						1855 |----- 43 [D] -----| 2355						43 [o] 0615 |----- 40												
S/C 32 INITIAL CONDITIONS RTLTL: 36h 53m 46s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 36h 53m 52s												| 0000 RTLTL 36h 53m 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
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ISSUE DATE: 07/11/23 16:24



ISSUE DATE: 07/11/23 16:24



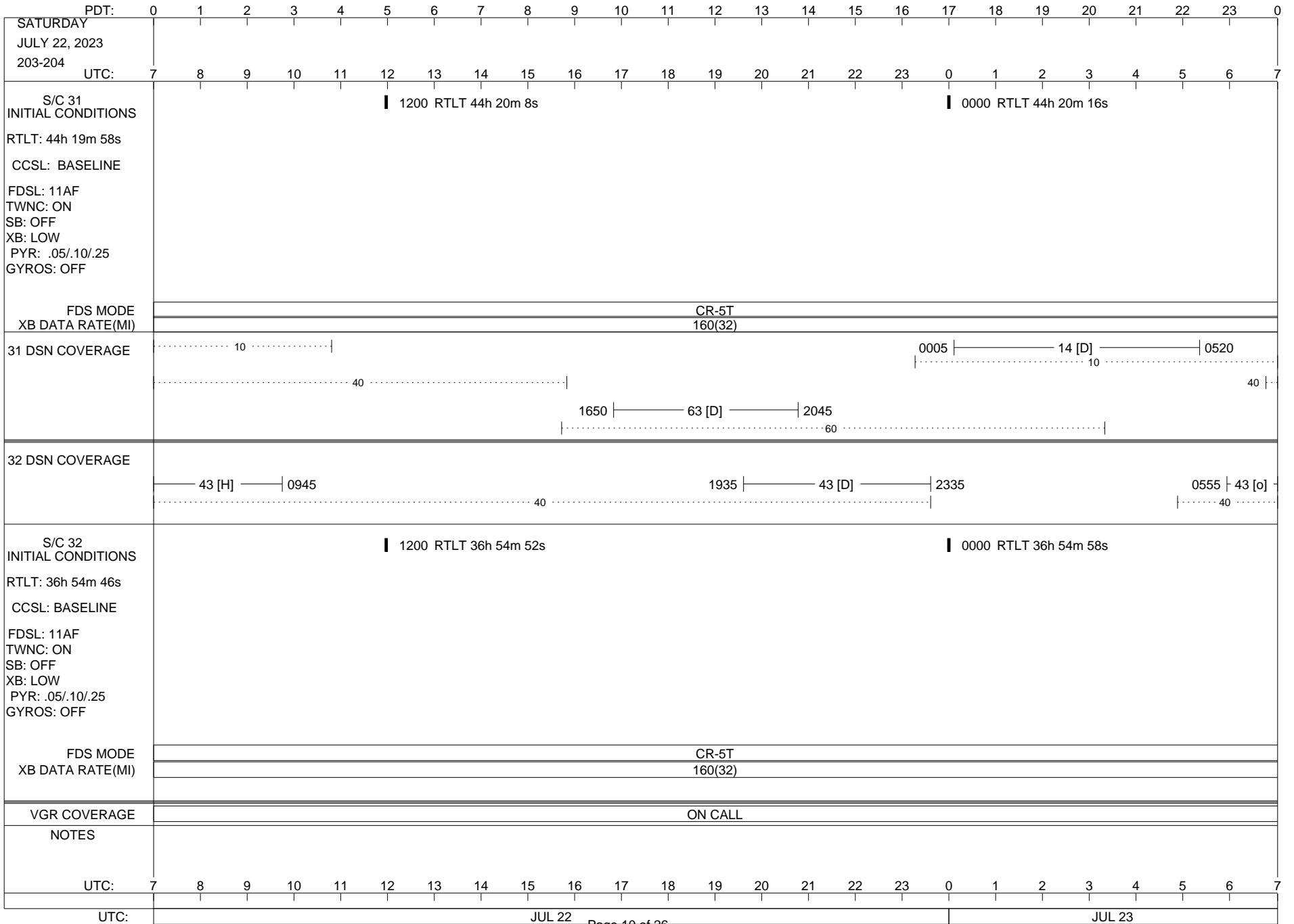
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THURSDAY JULY 20, 2023 201-202																												
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS RTLTL: 44h 19m 20s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 44h 19m 30s												| 0000 RTLTL 44h 19m 38s															
----- TLC (SHORT FORM) -----																												
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
31 DSN COVERAGE	..... 10										2330 |----- 14 [D] -----										|----- 10							
	..... 40																				40 |							
											|----- 60																	
32 DSN COVERAGE	- 43 [D] - | 0825				1515 |----- 43 [D] -----										| 1930													
	..... 40 .....																				|----- 40							
S/C 32 INITIAL CONDITIONS RTLTL: 36h 54m 26s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 36h 54m 30s												| 0000 RTLTL 36h 54m 36s															
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													

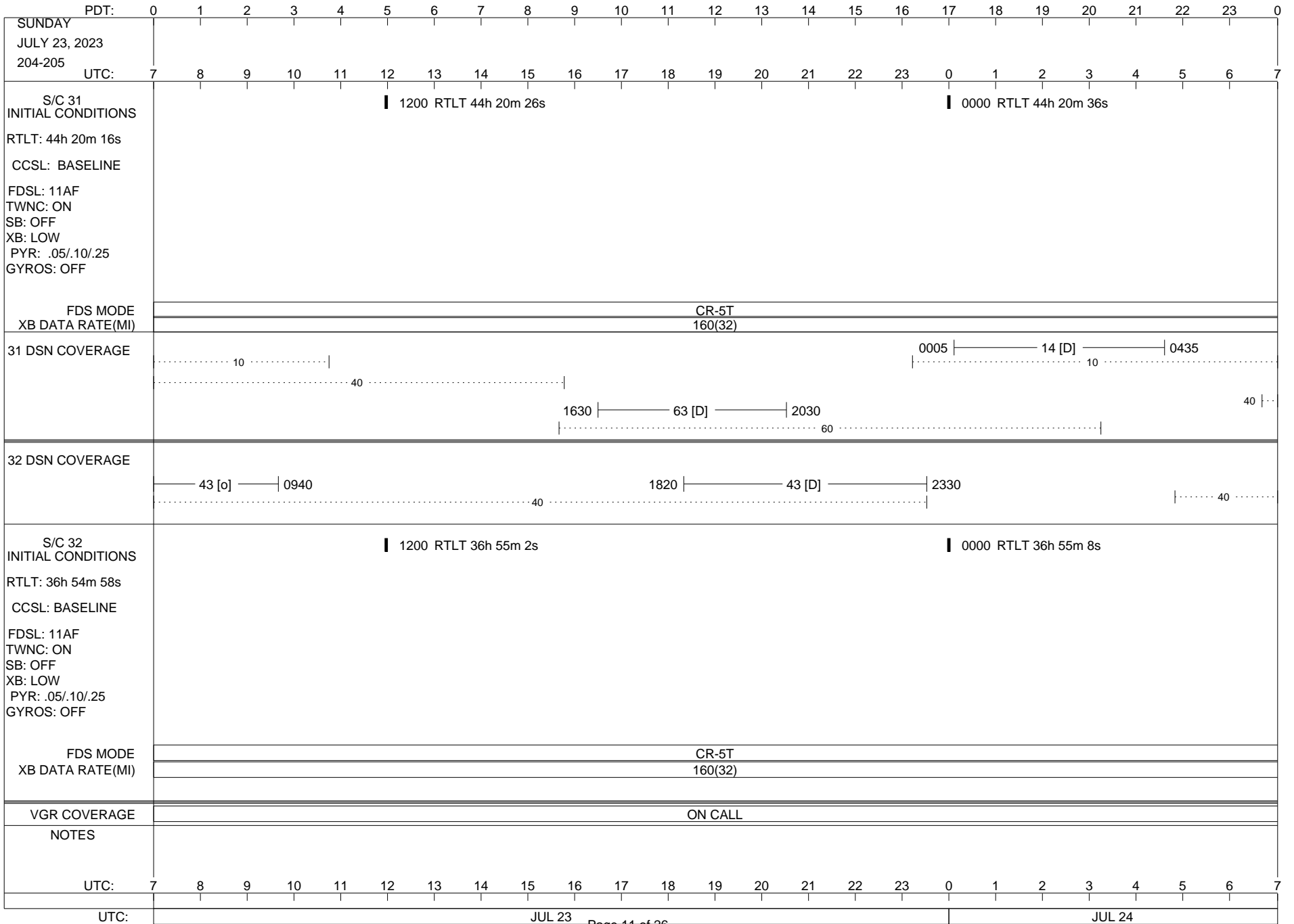
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FRIDAY JULY 21, 2023 202-203	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 44h 19m 38s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 44h 19m 48s												| 0000 RTLTL 44h 19m 58s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	14 [D] | 1050												10 | 40												
	40 | 1905												63 [D] | 2300												
													60 | 40												
32 DSN COVERAGE	43 [D] | 0735-1200												1940 | 43 [D] | 2340												
	40 | 0515												43 [H] | 40												
S/C 32 INITIAL CONDITIONS RTLTL: 36h 54m 36s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 36h 54m 40s												| 0000 RTLTL 36h 54m 46s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE													ON CALL												
NOTES													VGR												
	[1] DSS-43 HPTXR DRV ON >= 06:25																								
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
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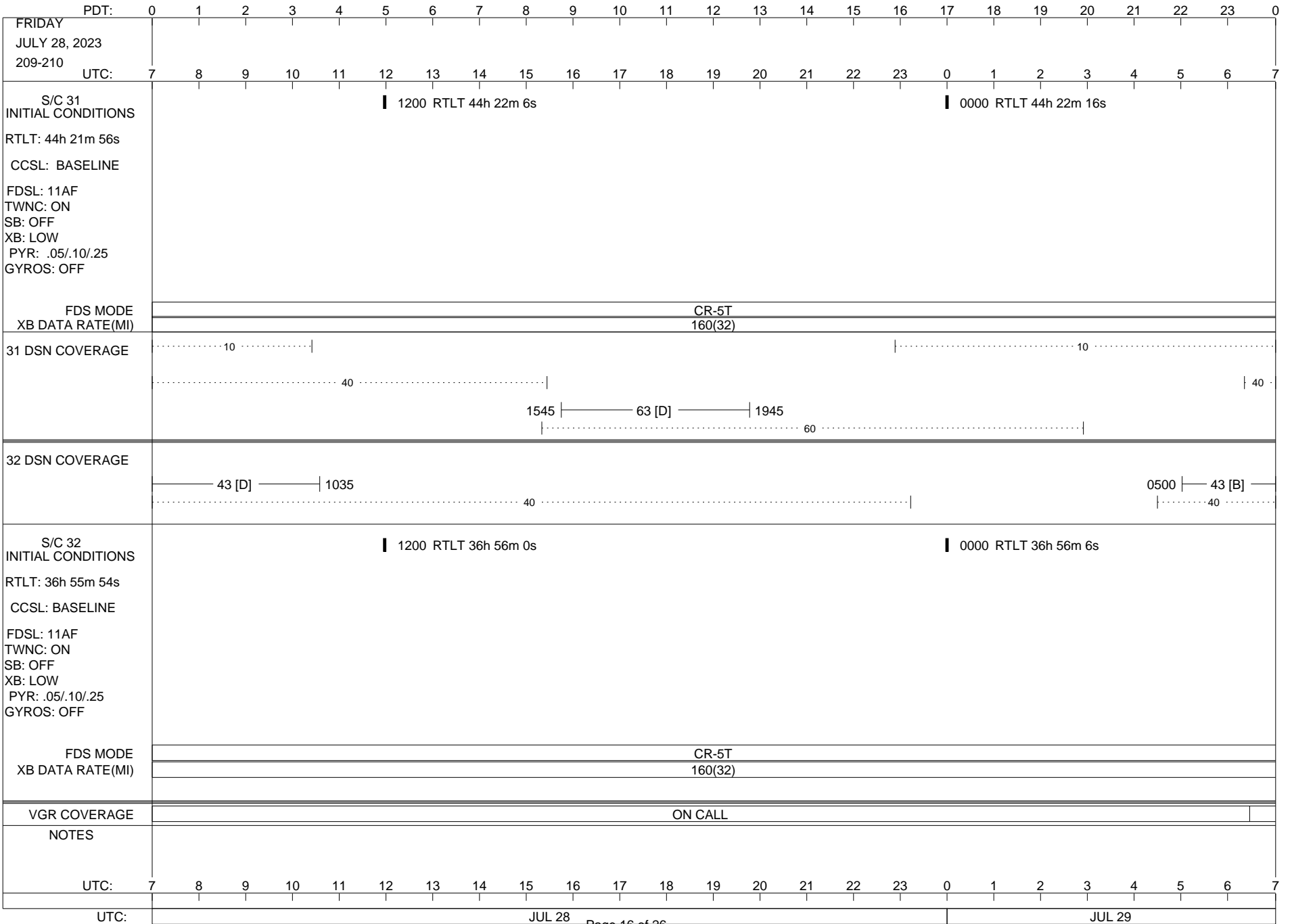
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TUESDAY JULY 25, 2023 206-207																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 44h 20m 56s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 44h 21m 6s 1052 | 1053 PWS/RH												0000 RTLT 44h 21m 16s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	14 [D] | 1035 .....10 .....| .....40 .....|												0355 | 14 [D] | .....10 .....| .....40 .....|												
32 DSN COVERAGE	1315 | 43 [D] | 1810 .....40 .....|												.....40 .....|												
S/C 32 INITIAL CONDITIONS RTLT: 36h 55m 20s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 55m 24s 1316 | PLSCAL - | 1458 1316 | --- MAGCAL --- | 1618 1316 | --- PESCAL --- | 1636												0000 RTLT 36h 55m 30s												
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 25												JUL 26												

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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 26, 2023 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: 44h 21m 16s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 44h 21m 26s												0000 RTLT 44h 21m 36s													
TLC (SHORT-FORM) | D/L - | 1059																										
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	14 [D] | 1030												0025 | 14 [D] | 0425													
	..... 10 .....												..... 10											
	..... 40 .....												..... 40											
	..... 60 .....												..... 60											
32 DSN COVERAGE	1810 | 43 [D] | 2320												..... 40												
S/C 32 INITIAL CONDITIONS RTLT: 36h 55m 30s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 55m 36s												0000 RTLT 36h 55m 42s													
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 26													JUL 27												

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 27, 2023 208-209																										
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: 44h 21m 36s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 44h 21m 46s												| 0000 RTLT 44h 21m 56s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	..... 10 .....|												|..... 10											
	..... 40 .....|												|..... 40											
	1700 |----- 63 [D] -----| 2255																									
	|----- 60 .....												|..... 60											
32 DSN COVERAGE	|----- 43 [D] -----| 0730-1130												1915 |----- 43 [o] -----| 2315													
	..... 40 .....												|..... 40											
S/C 32 INITIAL CONDITIONS RTLT: 36h 55m 42s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 36h 55m 48s												| 0000 RTLT 36h 55m 54s													
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 27												JUL 28													

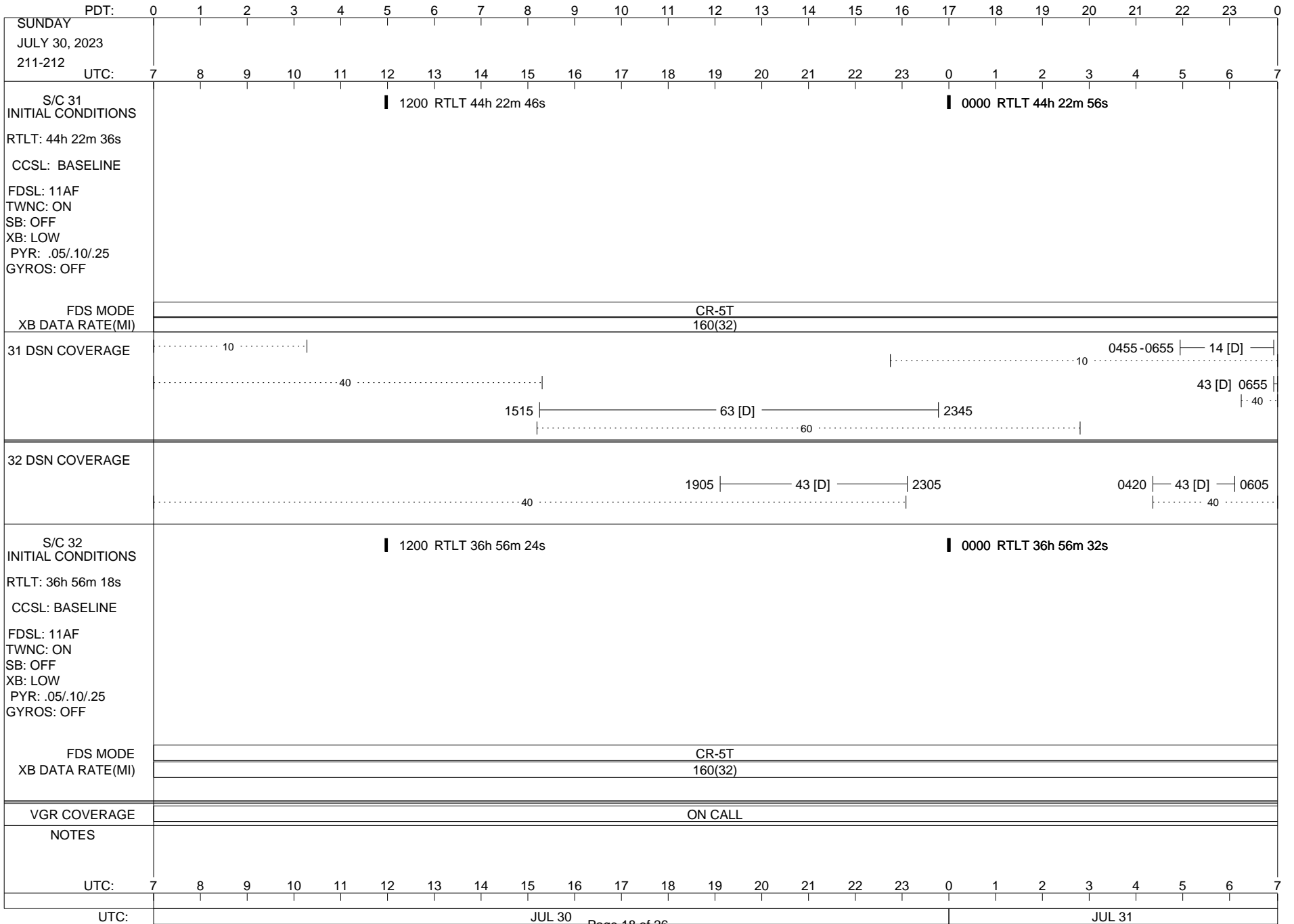
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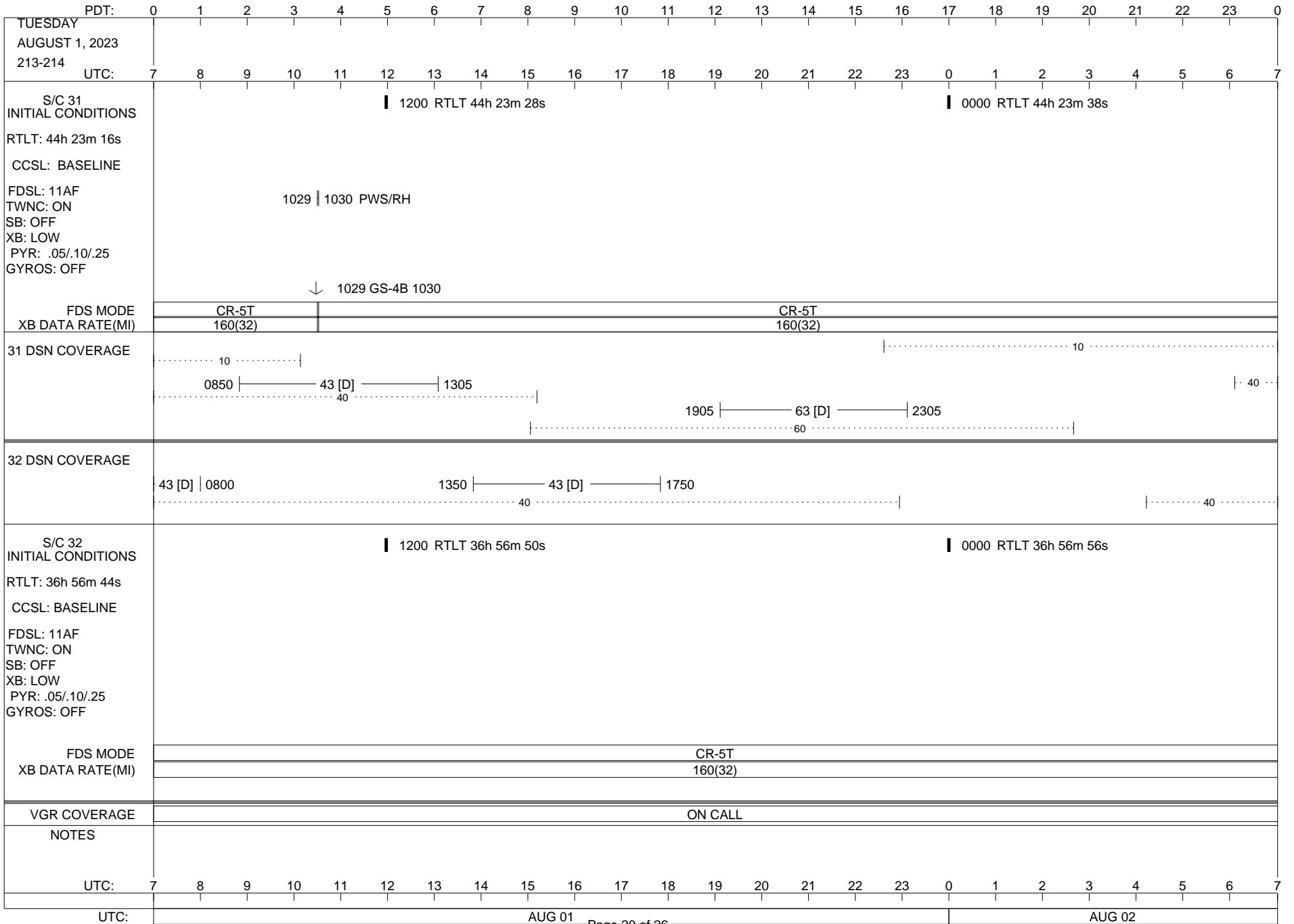
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SATURDAY JULY 29, 2023 210-211	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 44h 22m 16s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 44h 22m 26s												| 0000 RTLT 44h 22m 36s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	..... 10 .....|												|..... 10											
	..... 40 .....												|..... 40											
	1515 |----- 63 [D] -----| 1915												|----- 60												
32 DSN COVERAGE	--- 43 [B] ---| 0900												1610 |----- 43 [D] -----| 2010												
	..... 40 .....												|..... 40											
S/C 32 INITIAL CONDITIONS RTLT: 36h 56m 6s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 36h 56m 12s												| 0000 RTLT 36h 56m 18s												
	▼ 0727 DUMMY (5 MIN BRACKETED 20:24)																								
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	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 29												JUL 30												

ISSUE DATE: 07/11/23 16:24

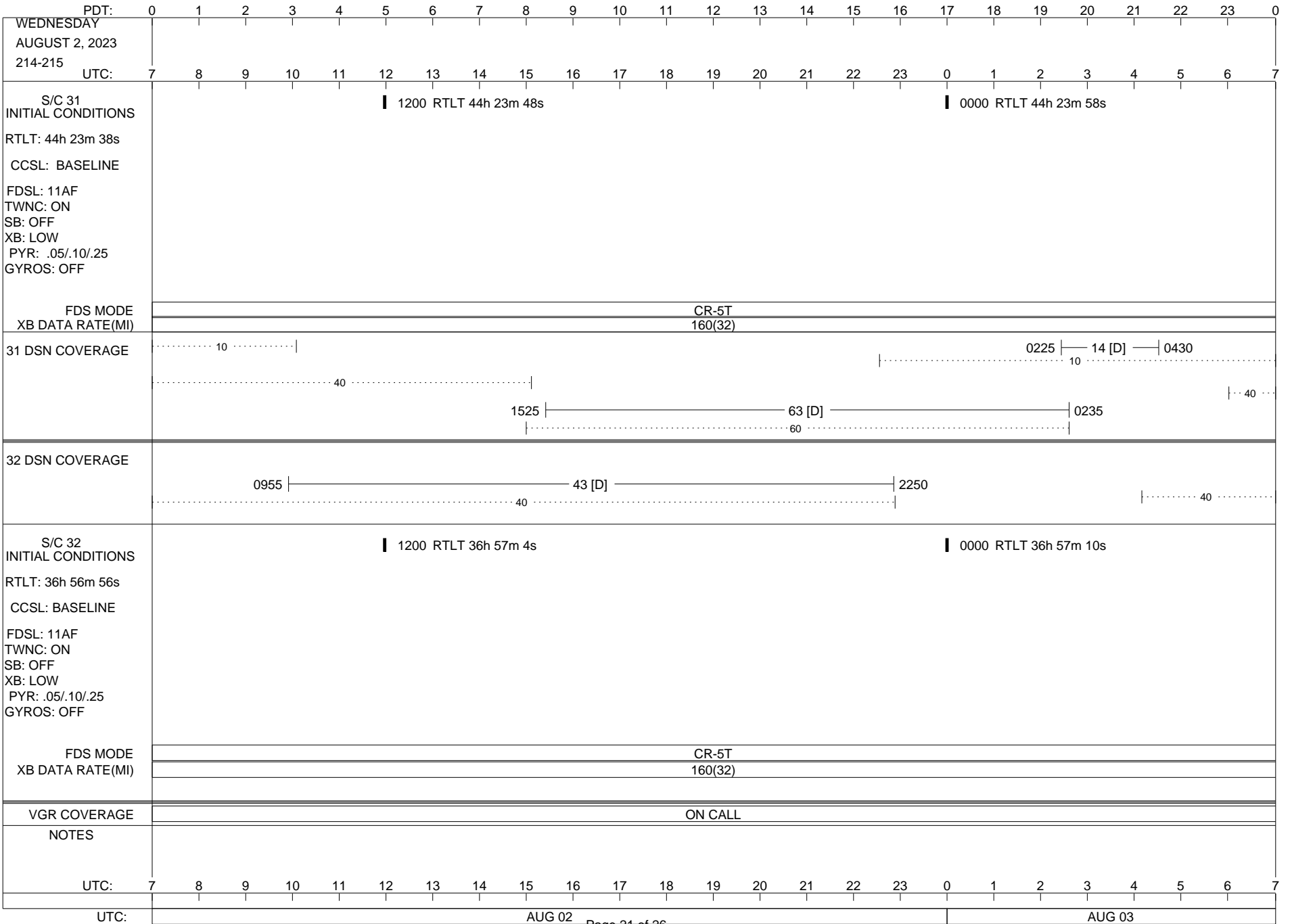


PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	
MONDAY JULY 31, 2023 212-213																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLT: 44h 22m 56s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	| 1200 RTLT 44h 23m 6s												| 0000 RTLT 44h 23m 16s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	.....| 10 .....| — 43 [D] —| 0855 .....| 40 .....| .....| 60 .....|												0125 |———| 14 [D] |———| 0555 .....| 10 .....| .....| 40 .. .....|													
32 DSN COVERAGE	.....| 40 .....|												1740 |———| 43 [D] |———| 2140 .....| 40 .....| .....| 40 .....|													
S/C 32 INITIAL CONDITIONS RTLT: 36h 56m 32s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	| 1200 RTLT 36h 56m 38s												| 0000 RTLT 36h 56m 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 31														AUG 01											

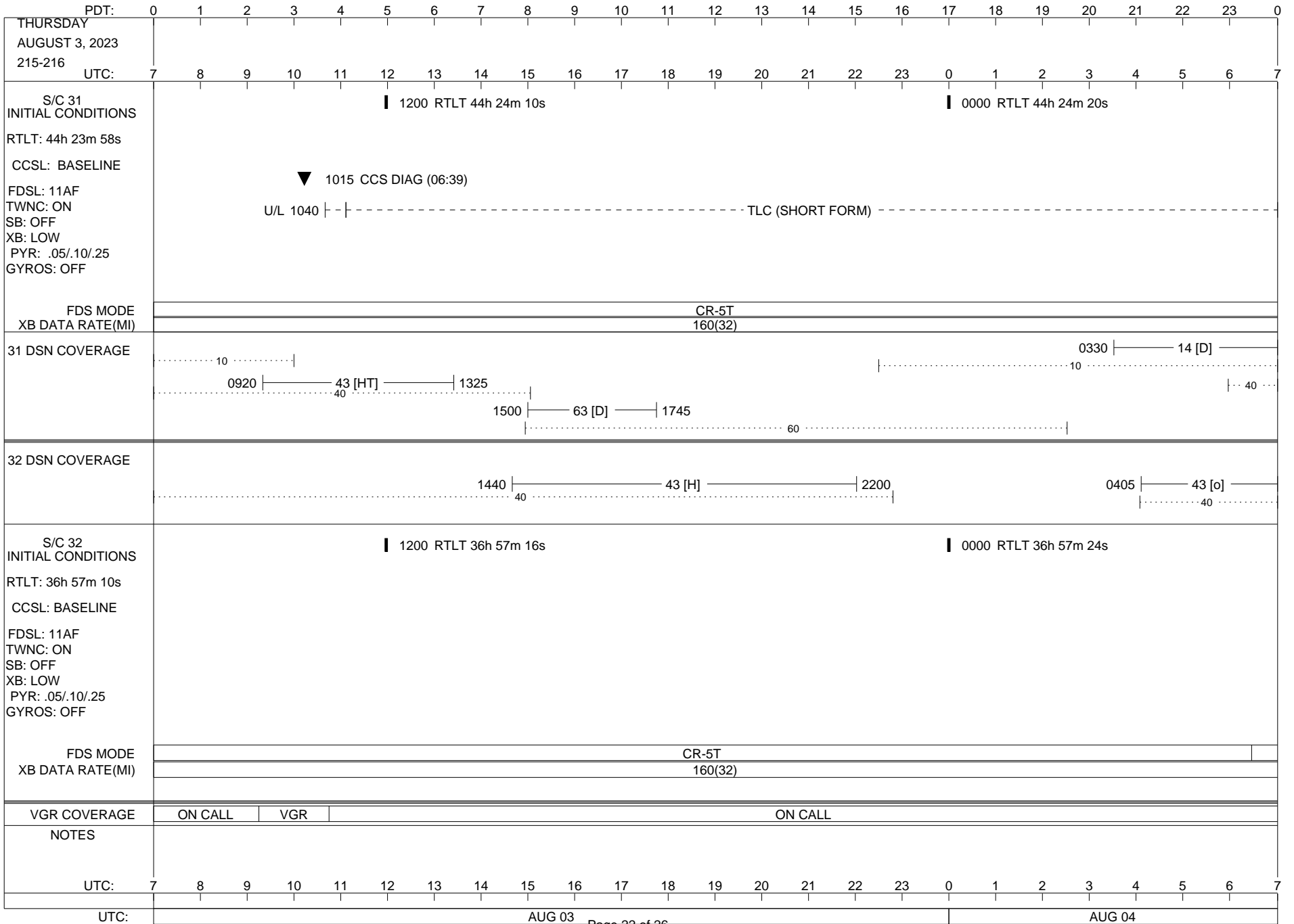
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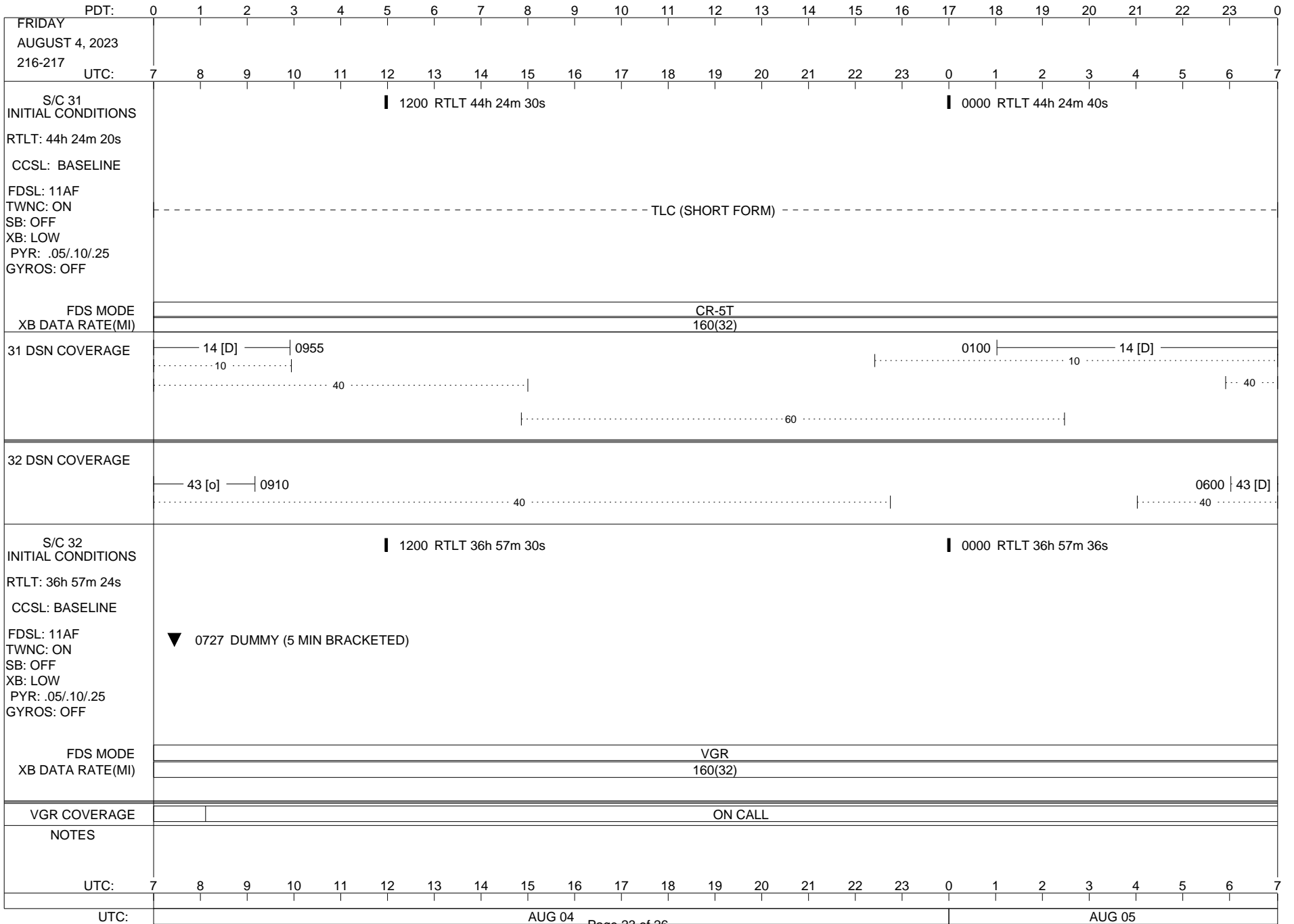


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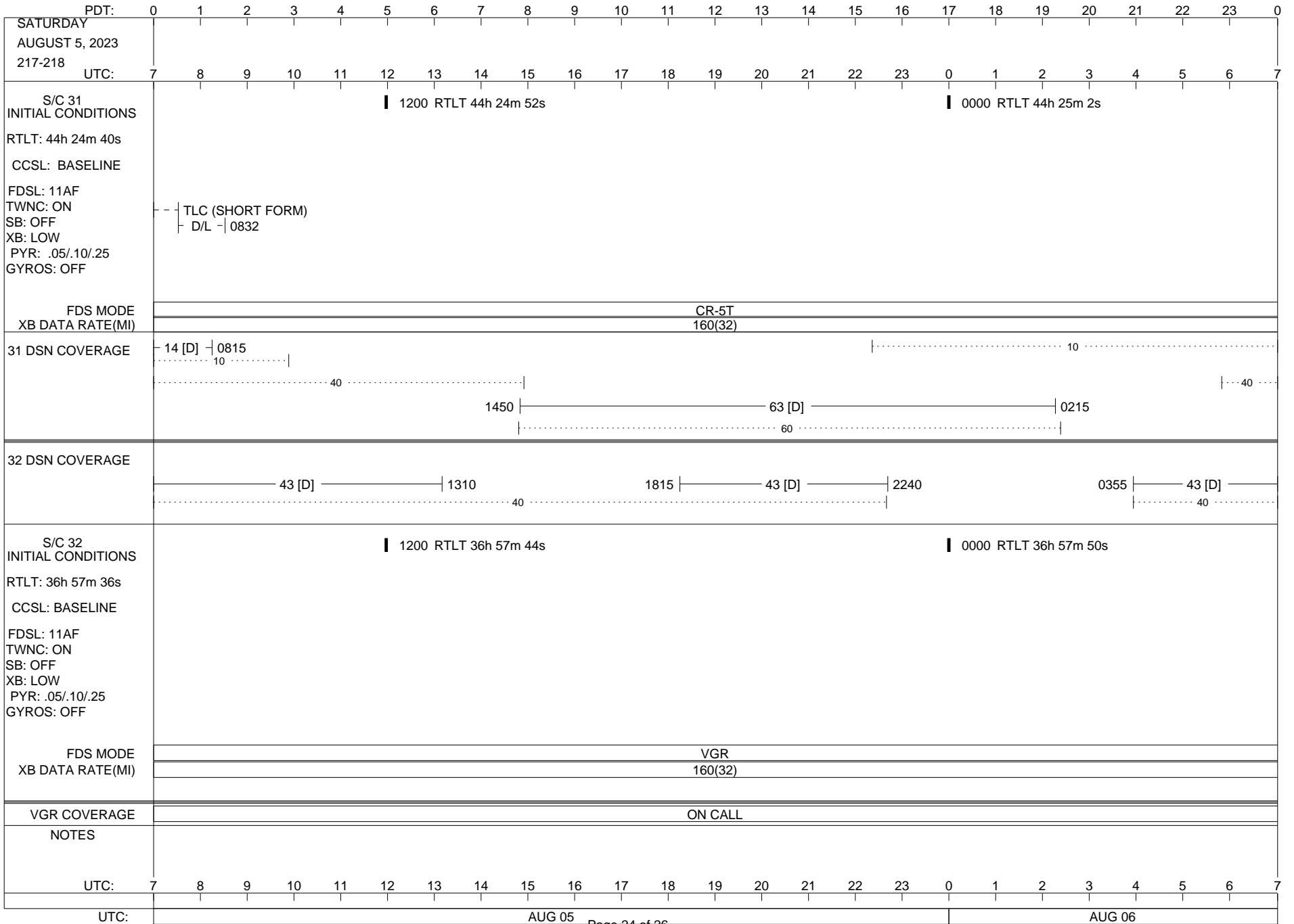


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