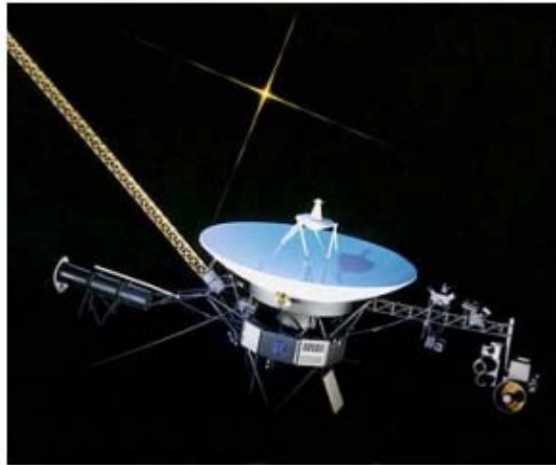


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: June 21, 2023

For the Period: 06/22/23 to 07/17/23 (23/173 - 23/198)



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: 06/16/23 19:43

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
JUNE 22, 2023
173-174 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 11m 54s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

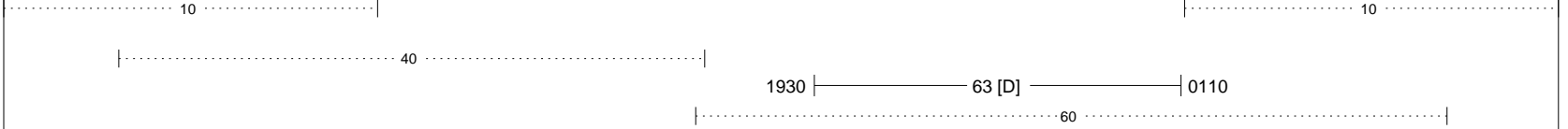
1200 RTLTL 44h 12m 0s

0000 RTLTL 44h 12m 6s

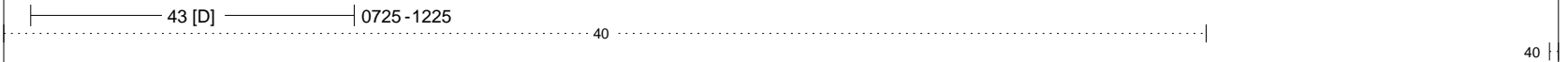
FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS
RTLTL: 36h 51m 8s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLTL 36h 51m 10s

0000 RTLTL 36h 51m 12s

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

VGR COVERAGE

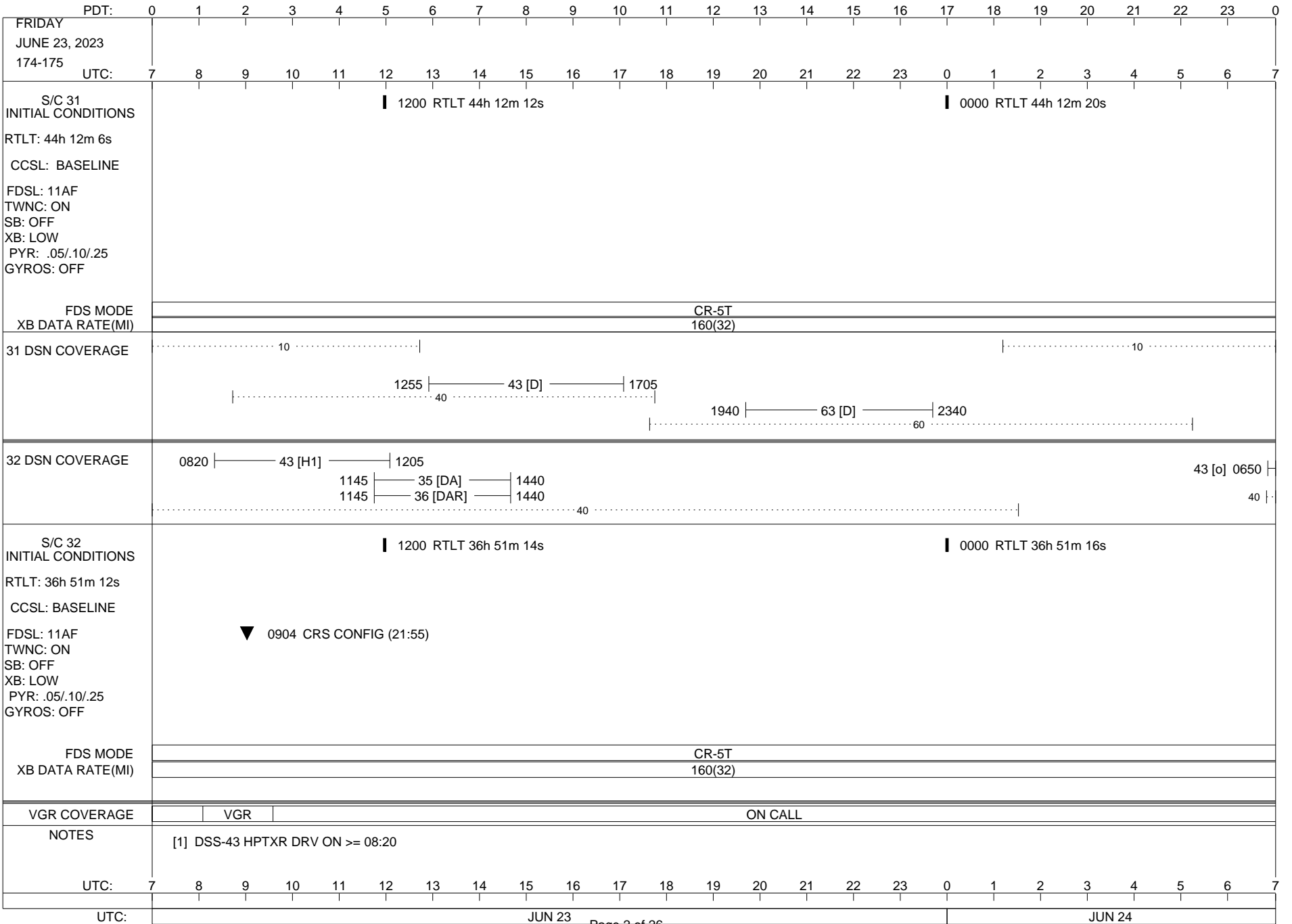
ON-CALL

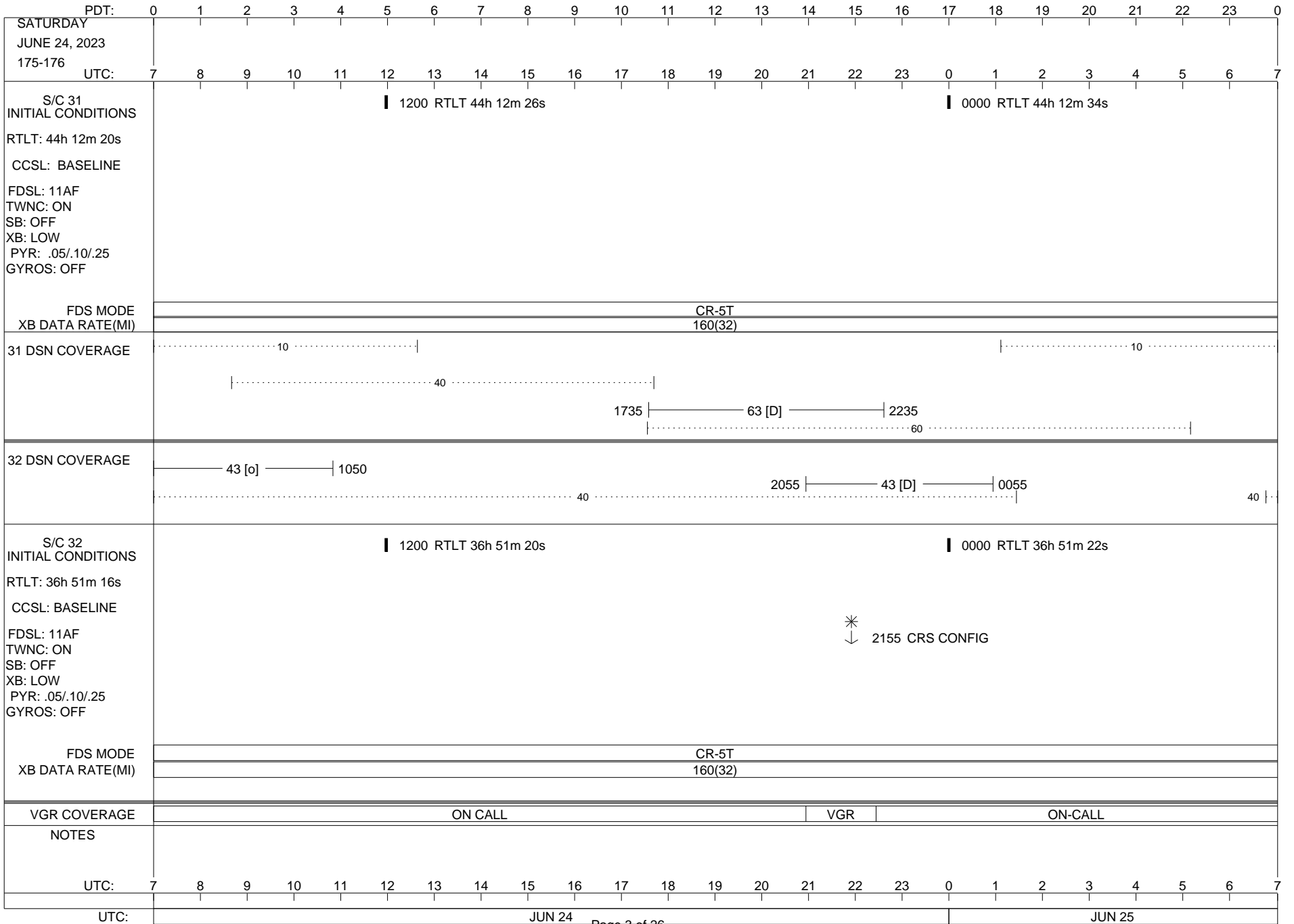
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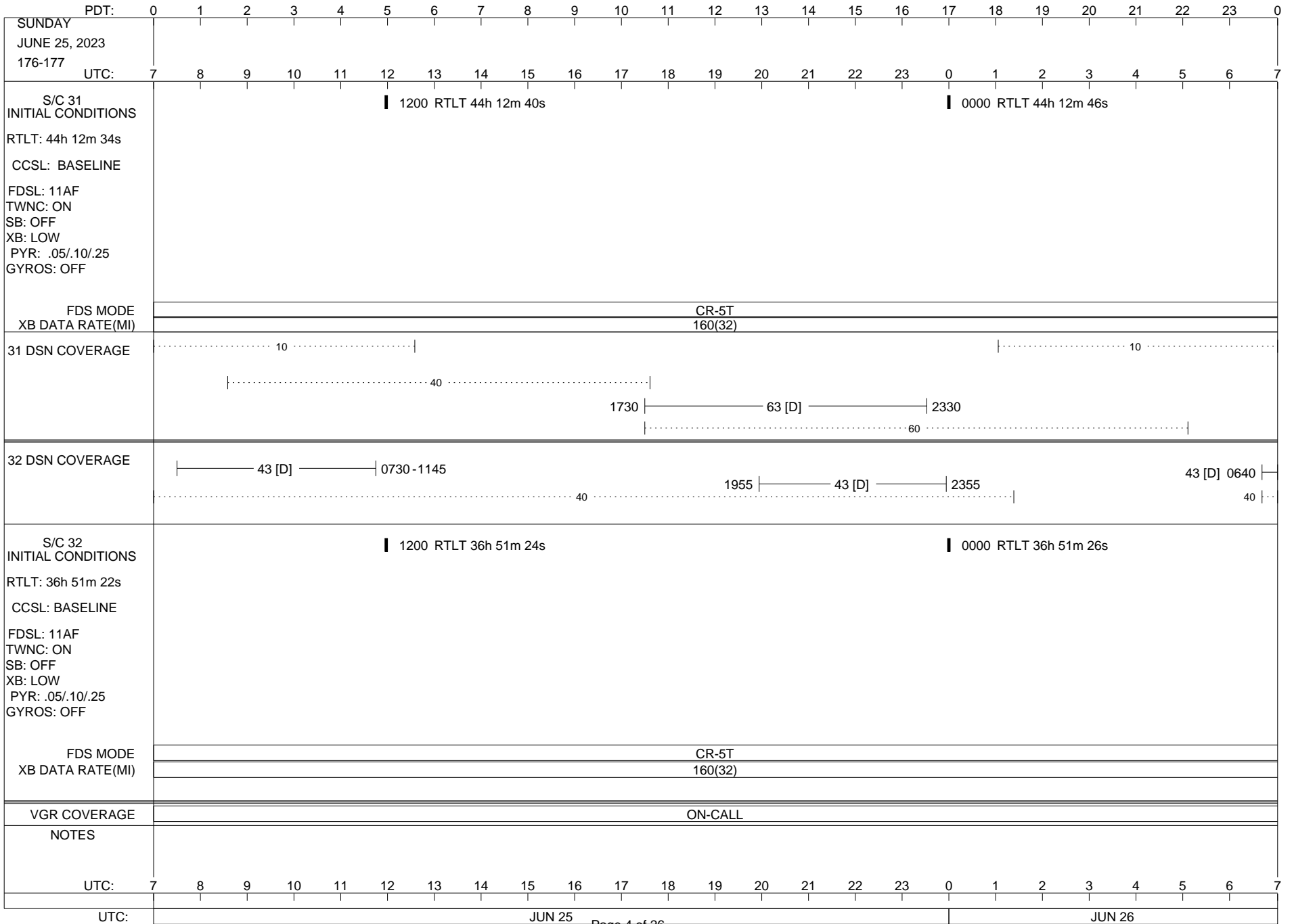
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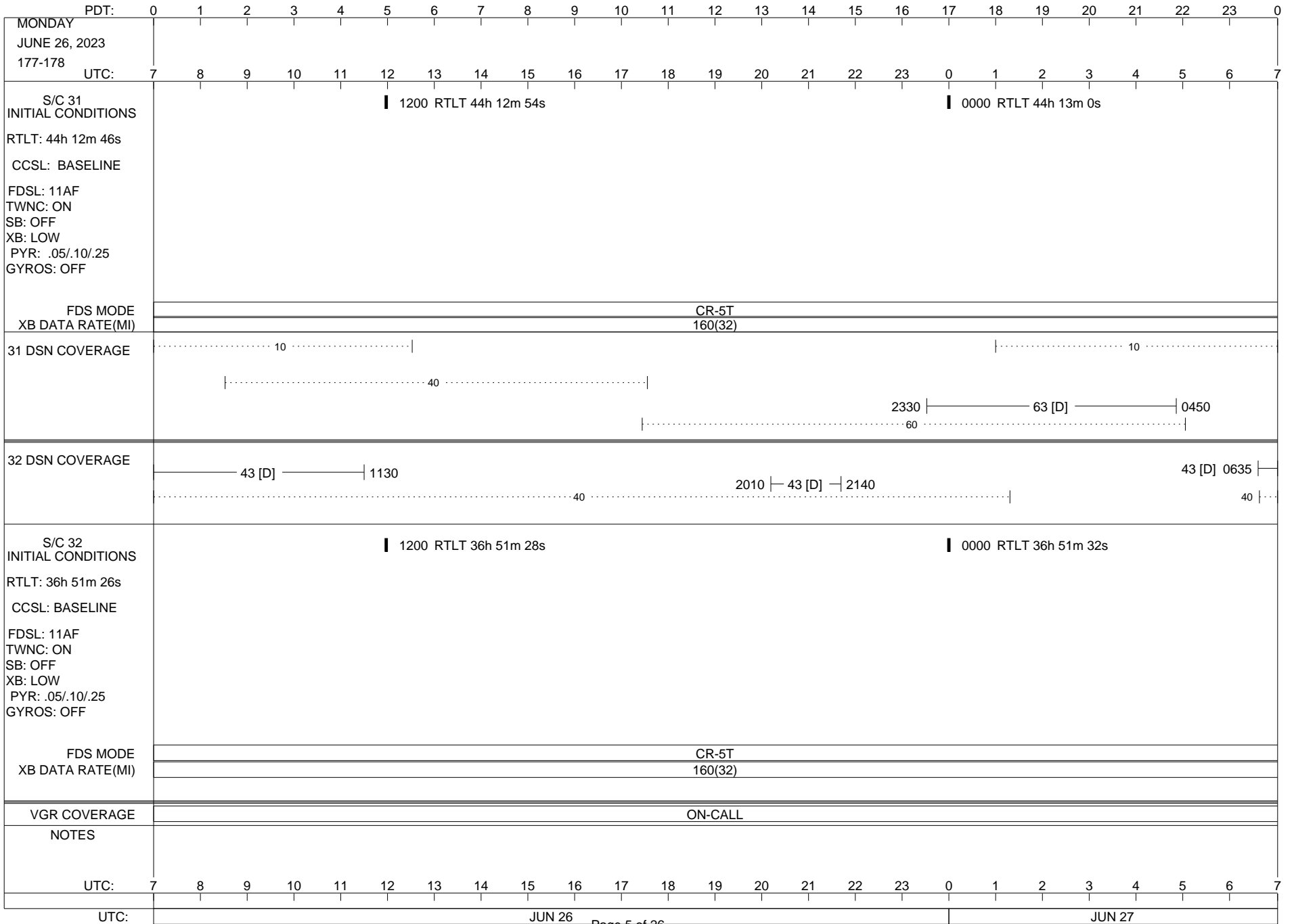
UTC: JUN 22 Page 1 of 26 JUN 23

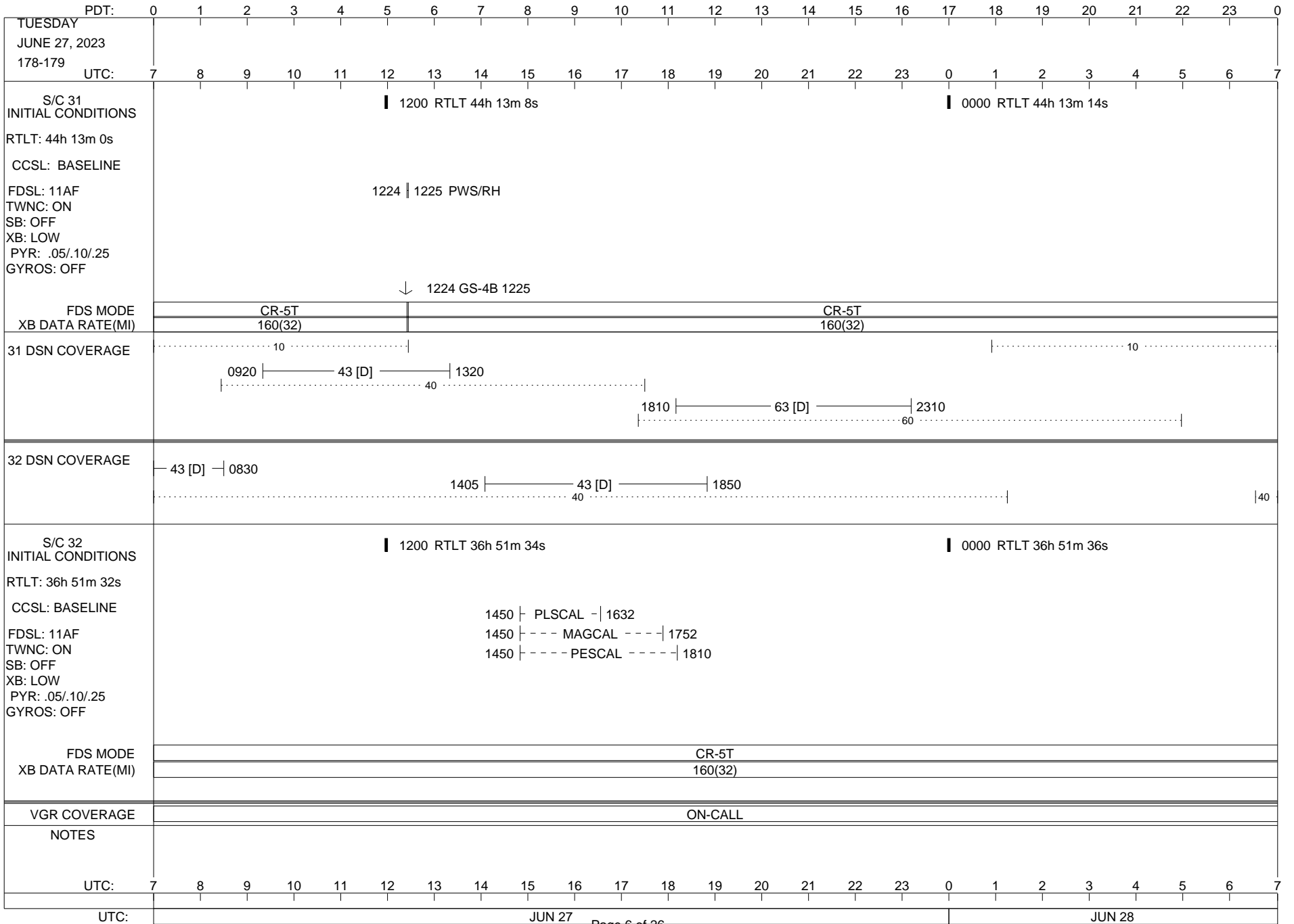
ISSUE DATE: 06/16/23 19:43

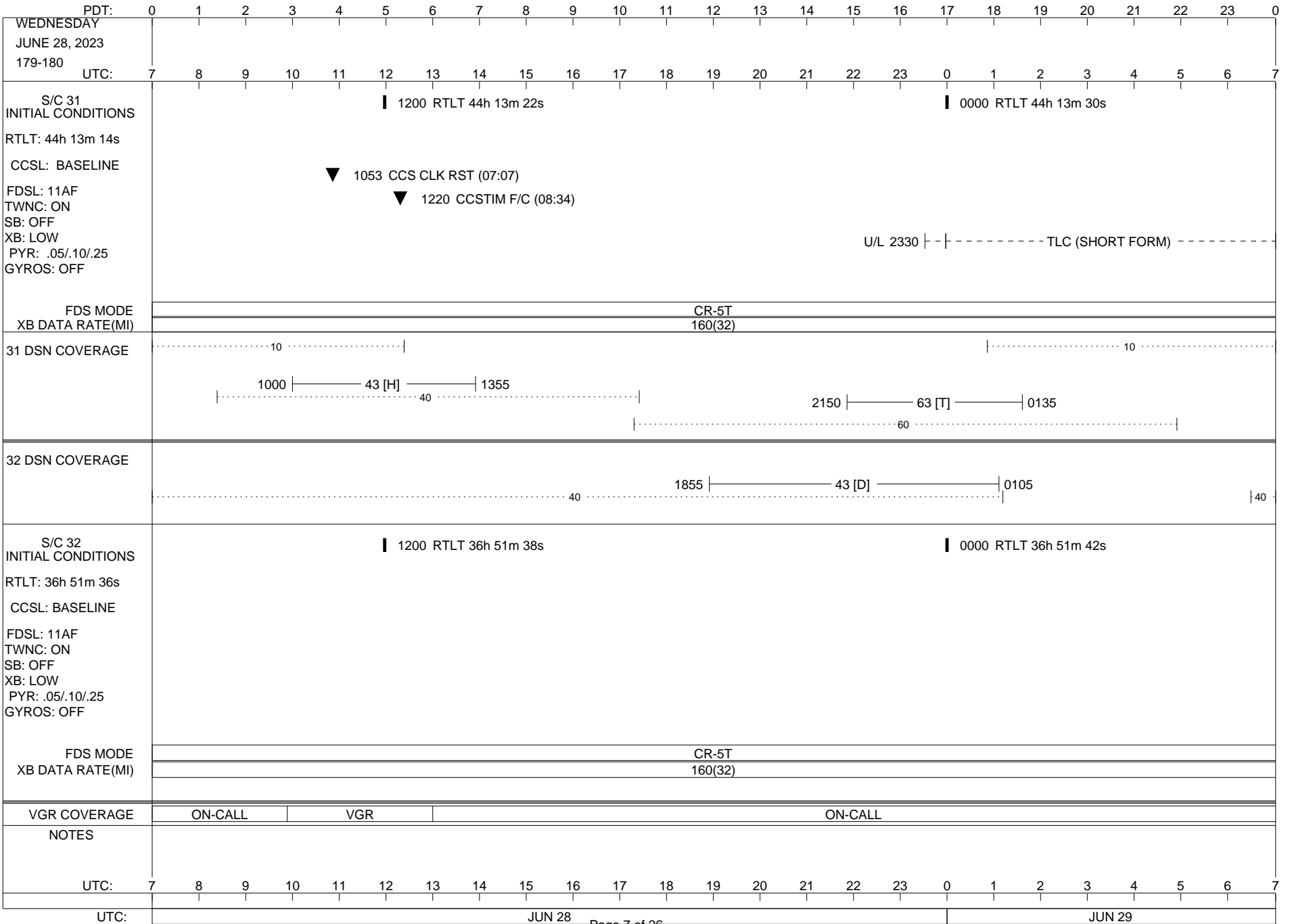




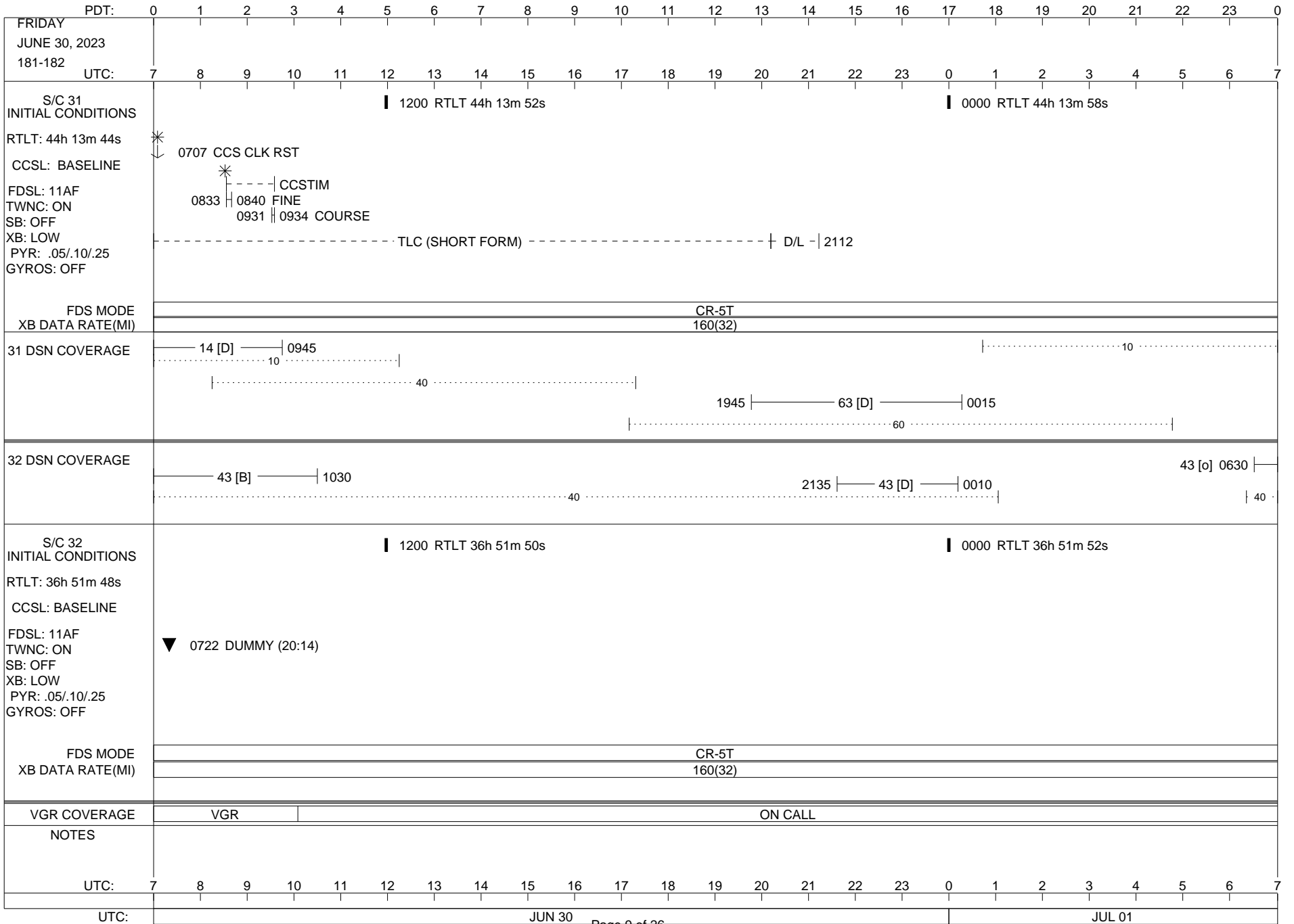


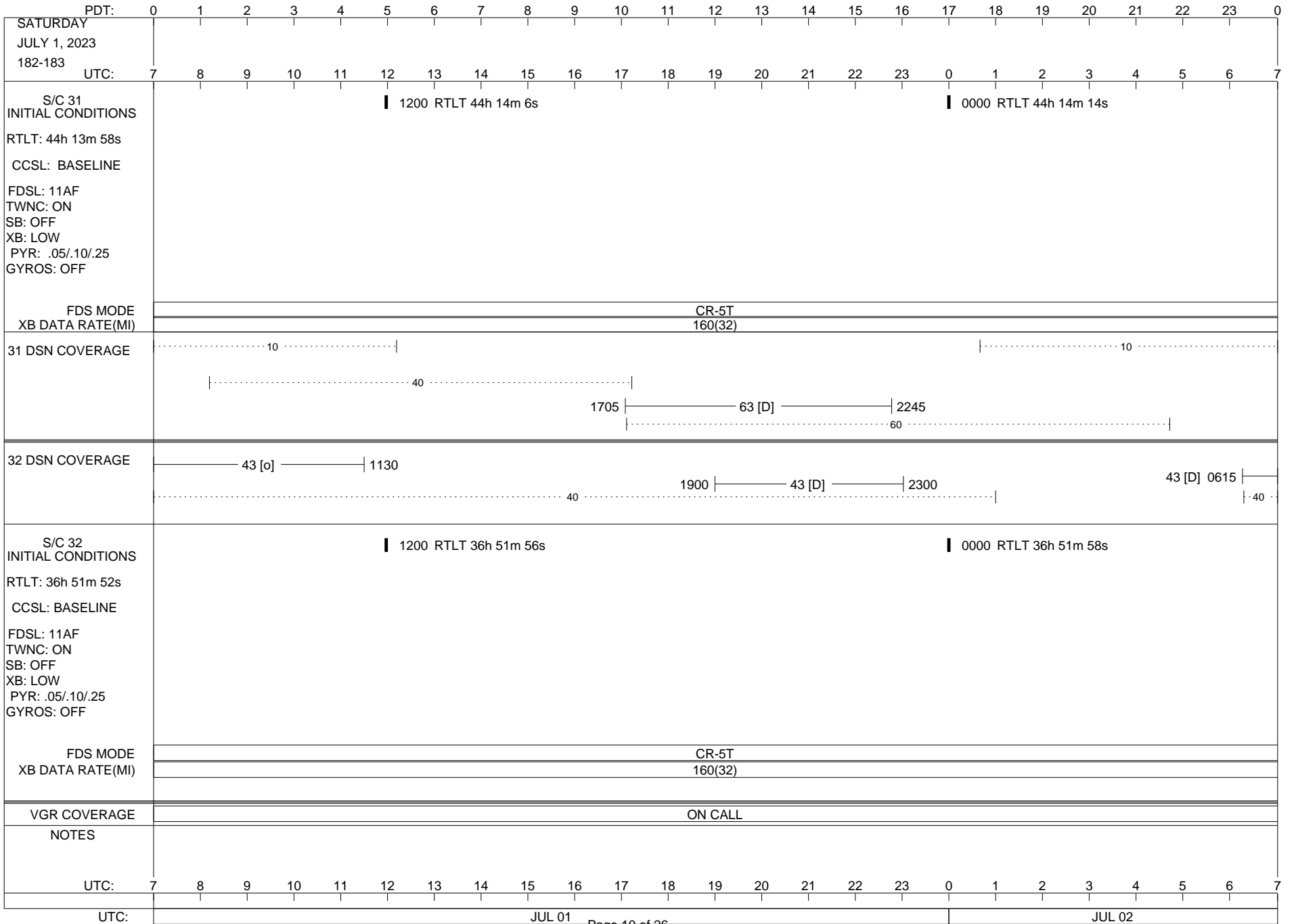


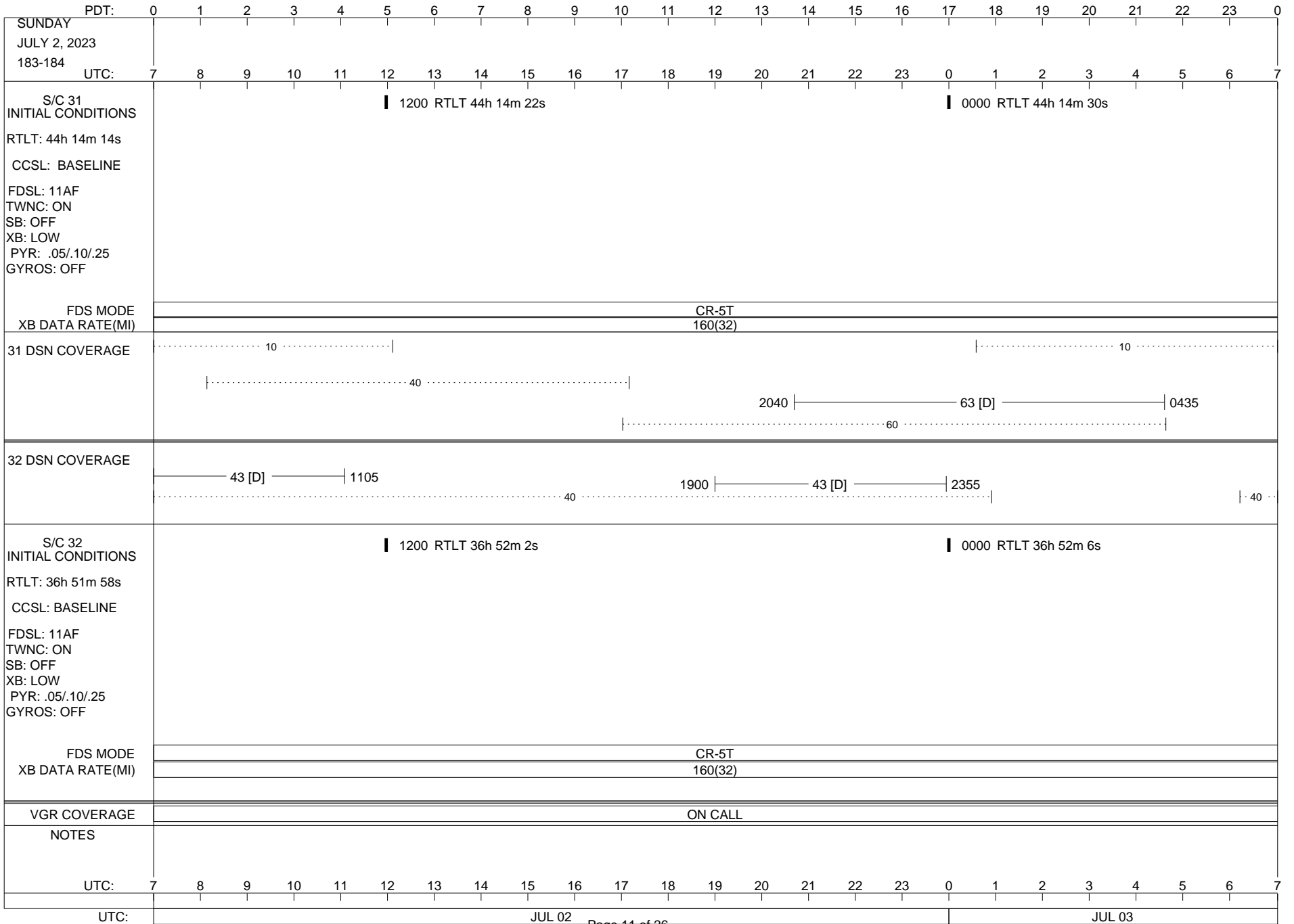




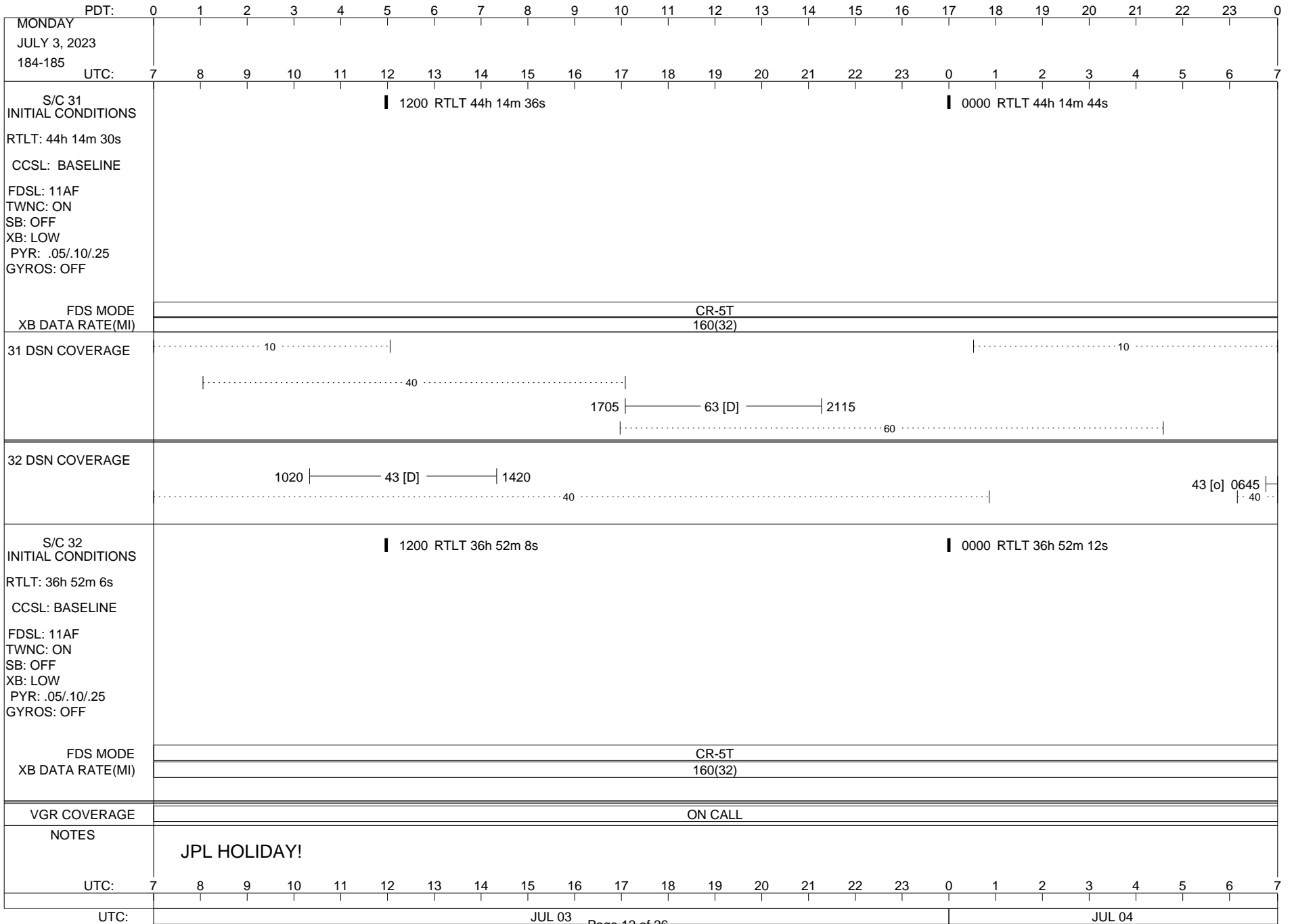
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THURSDAY JUNE 29, 2023 180-181																														
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7					
S/C 31 INITIAL CONDITIONS RTLT: 44h 13m 30s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 44h 13m 36s												| 0000 RTLT 44h 13m 44s																	
----- TLC (SHORT FORM) -----																														
FDS MODE	CR-5T												CR-5T																	
XB DATA RATE(MI)	160(32)												160(32)																	
31 DSN COVERAGE 10 40 0405 |----- 14 [D] ----- 10									
	|----- 40 1800 |----- 63 [D] -----| 2200 |----- 60 40									
32 DSN COVERAGE	0815 |----- 43 [D] -----| 1010									 40 1745 |----- 43 [D] -----| 2200 40									
S/C 32 INITIAL CONDITIONS RTLT: 36h 51m 42s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 36h 51m 44s												| 0000 RTLT 36h 51m 48s																	
FDS MODE	CR-5T												CR-5T																	
XB DATA RATE(MI)	160(32)												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:	JUN 29														JUN 30															

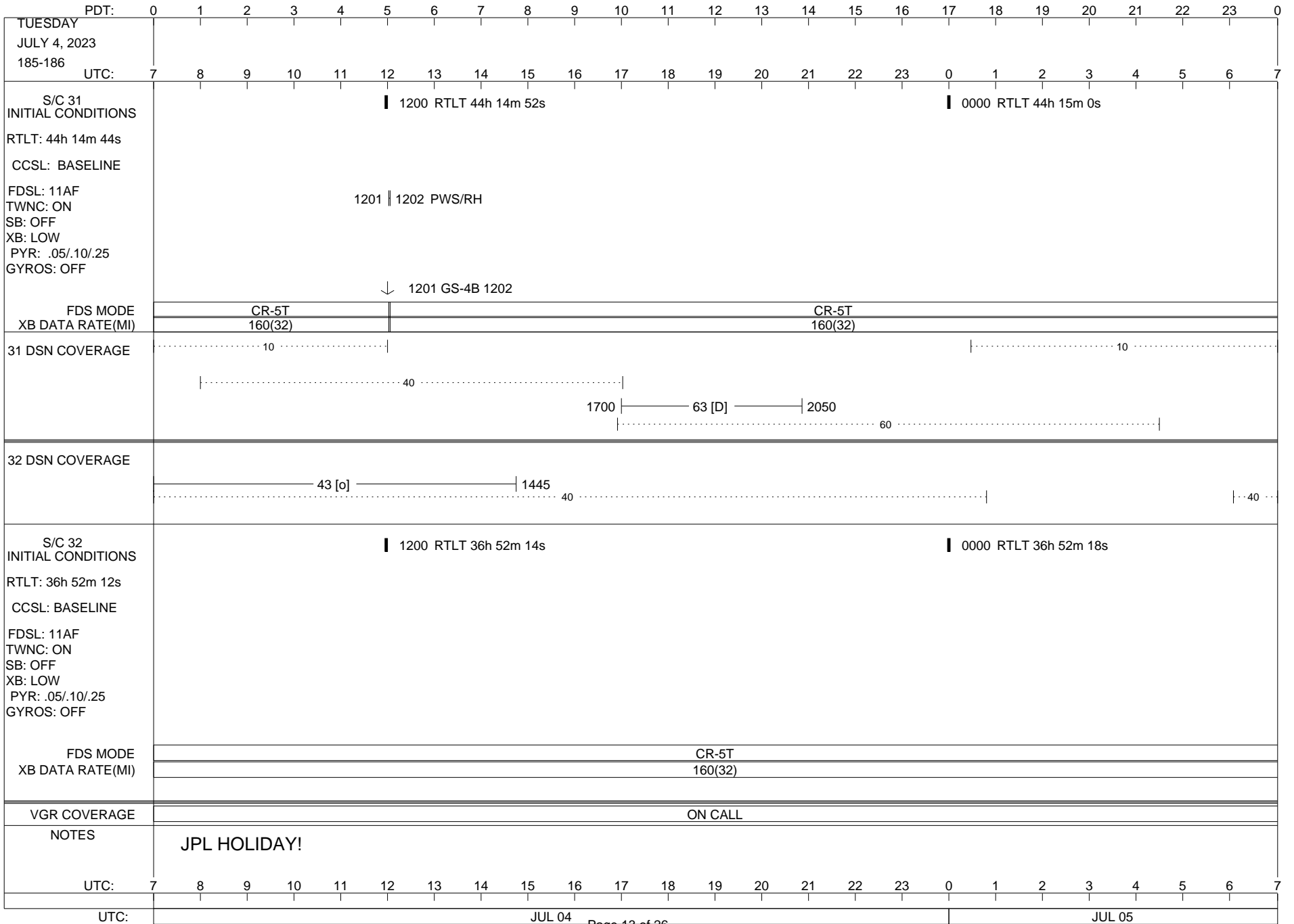


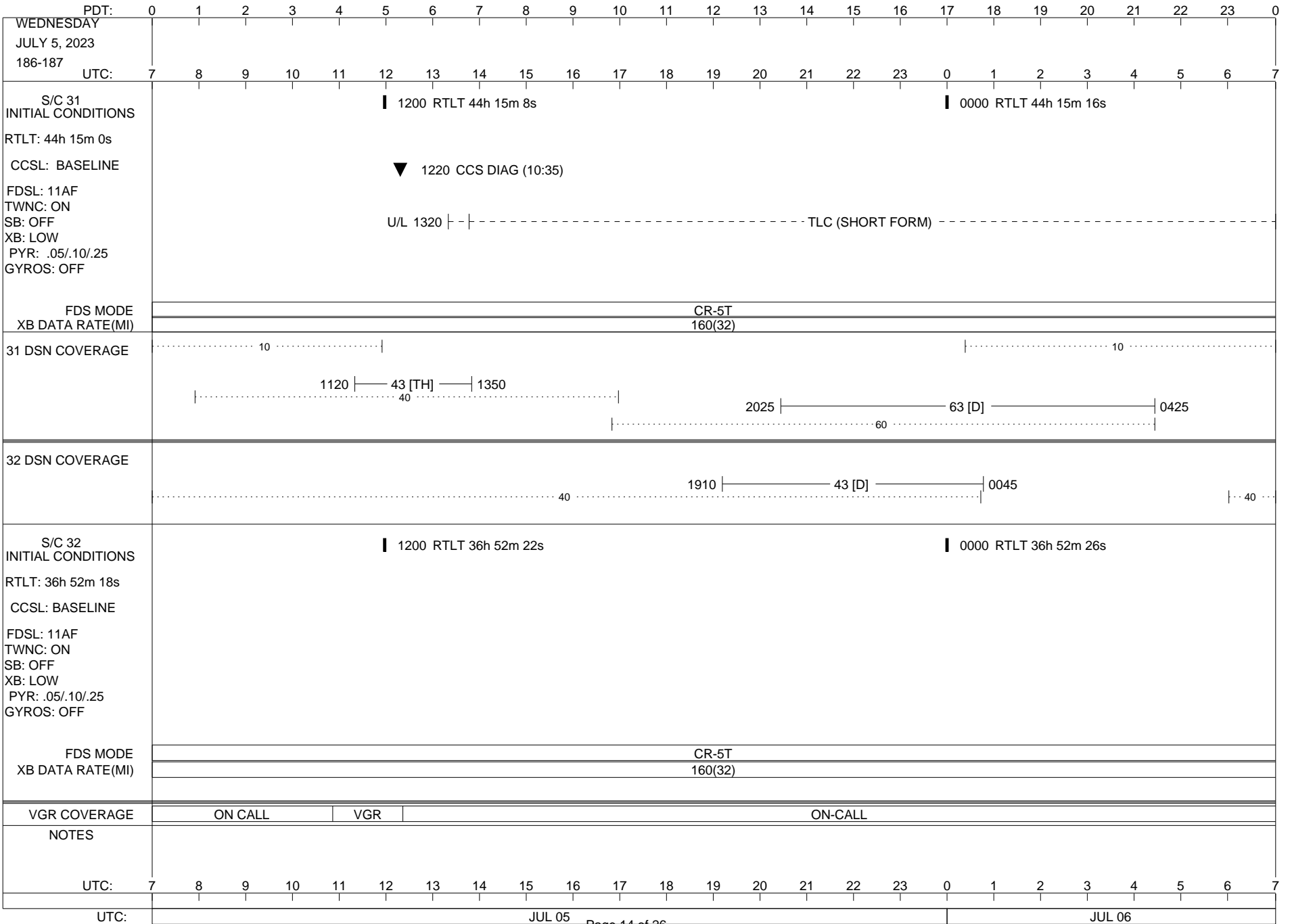


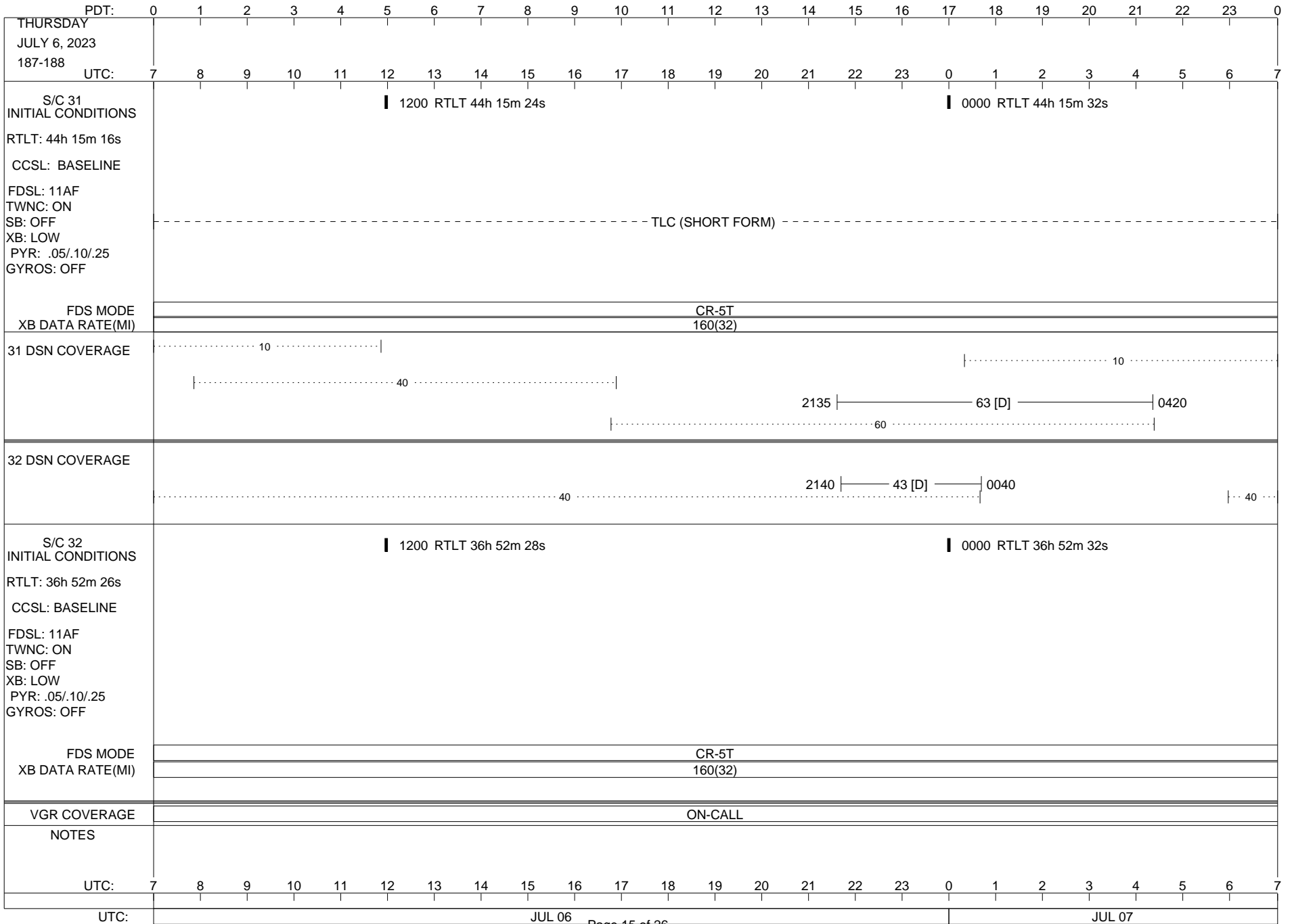


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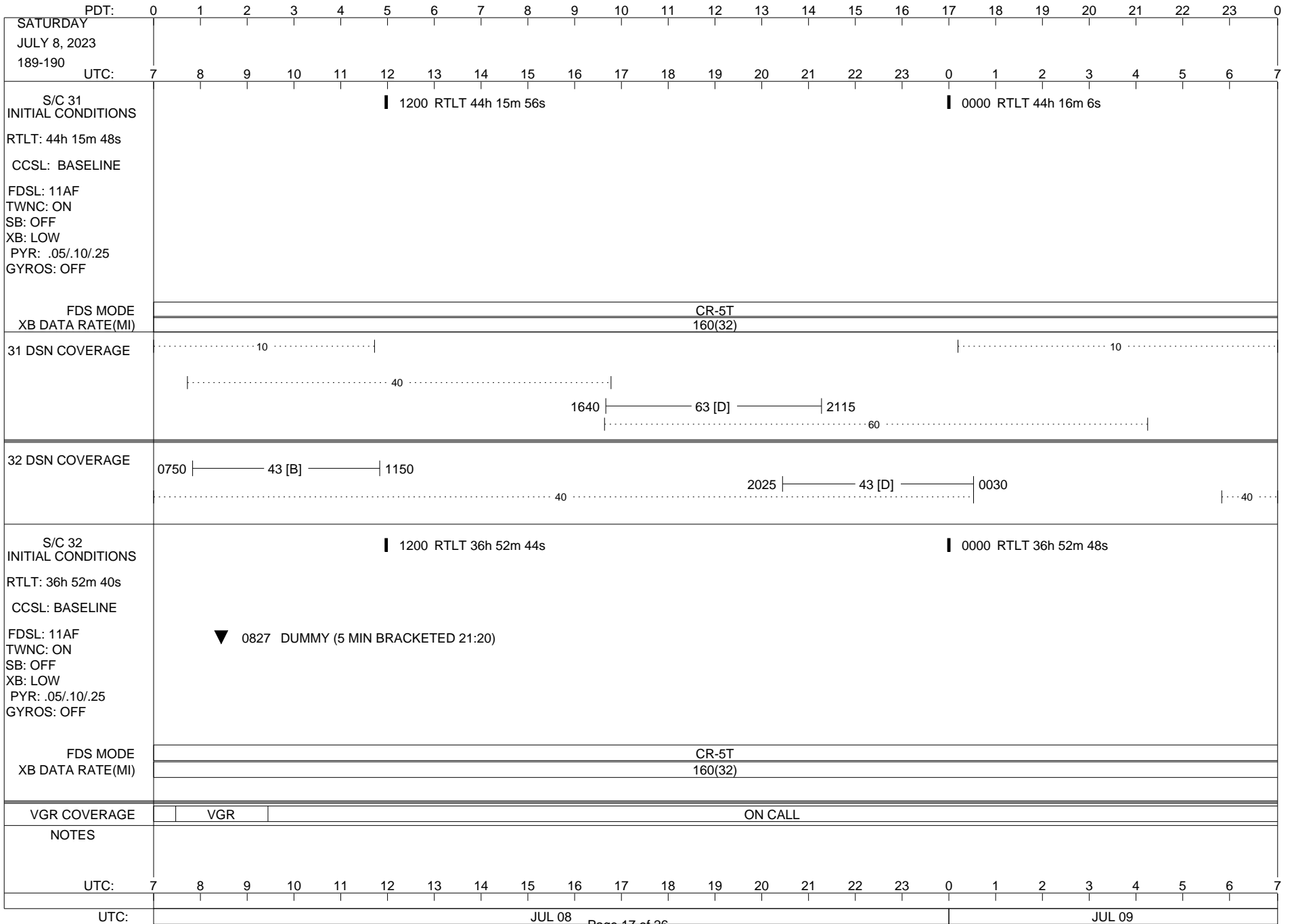




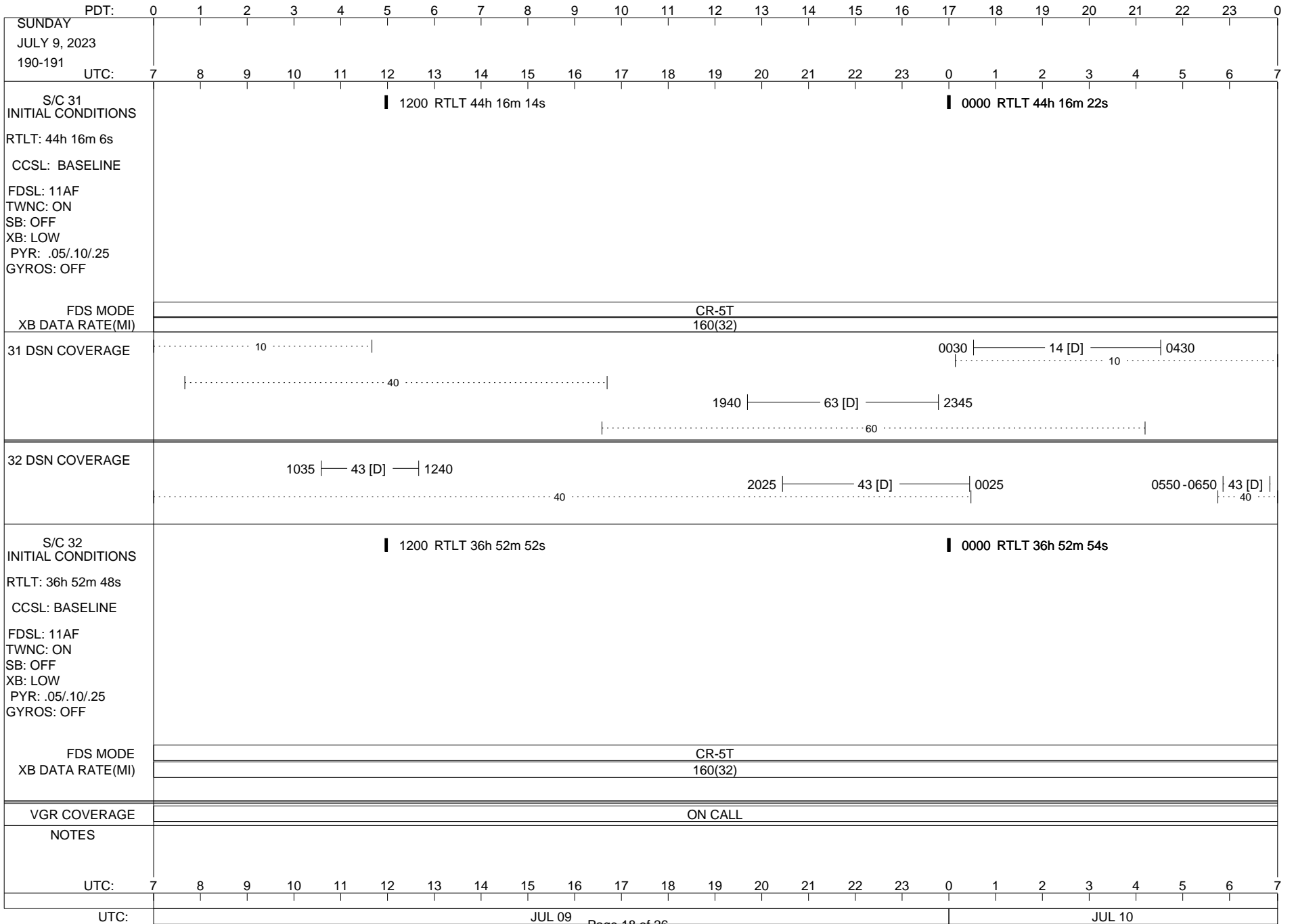
ISSUE DATE: 06/16/23 19:43

		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 7, 2023 188-189																									
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 15m 32s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 44h 15m 40s												0000 RTLT 44h 15m 48s											
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)																							
31 DSN COVERAGE		14 [D] 0710-1145 10 40												10 60											
32 DSN COVERAGE		43 [D] 0725-1125 40												2105 43 [D] 2300 40											
S/C 32 INITIAL CONDITIONS RTLT: 36h 52m 32s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 36h 52m 36s												0000 RTLT 36h 52m 40s											
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																							
UTC:		JUL 07												JUL 08											

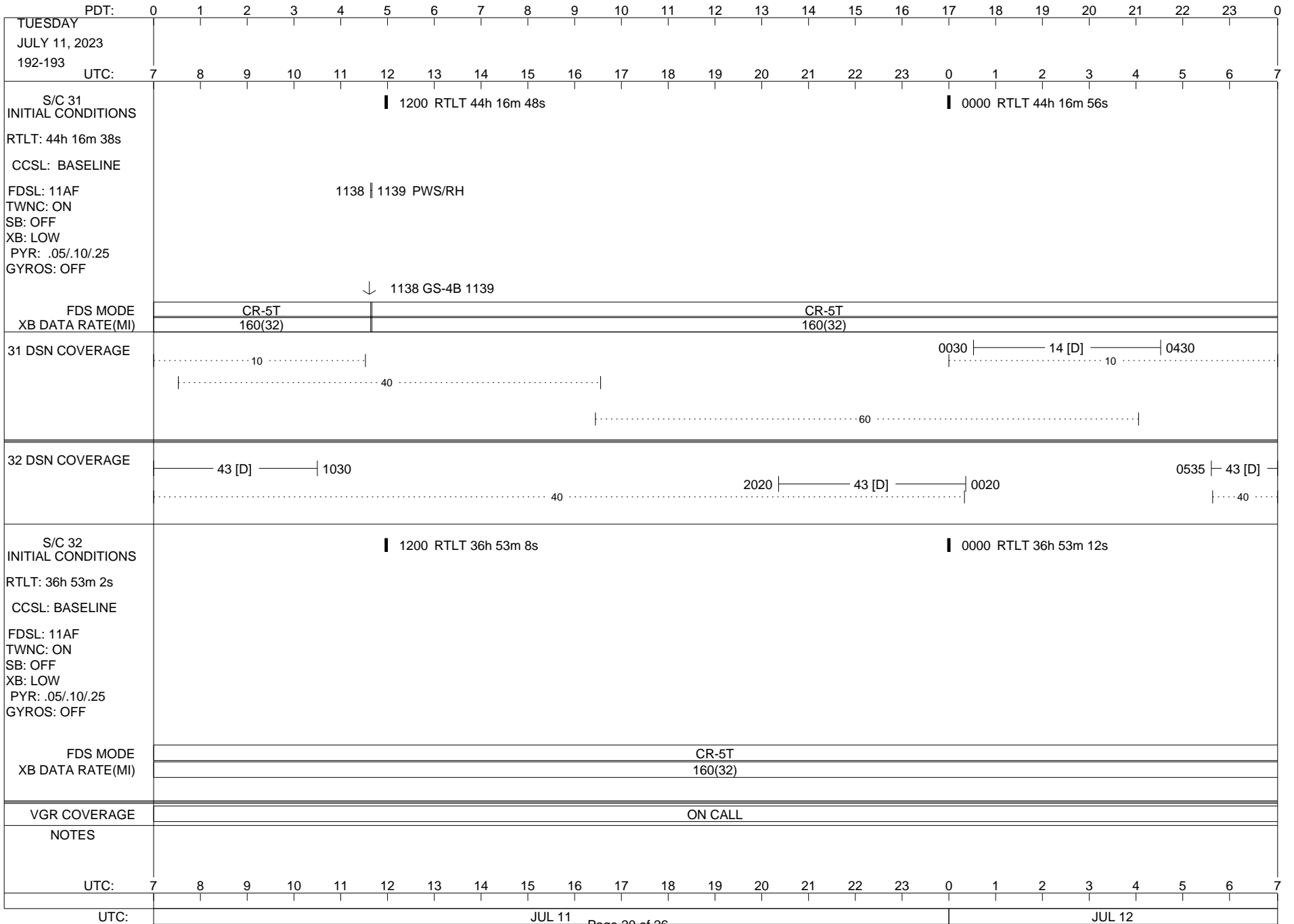
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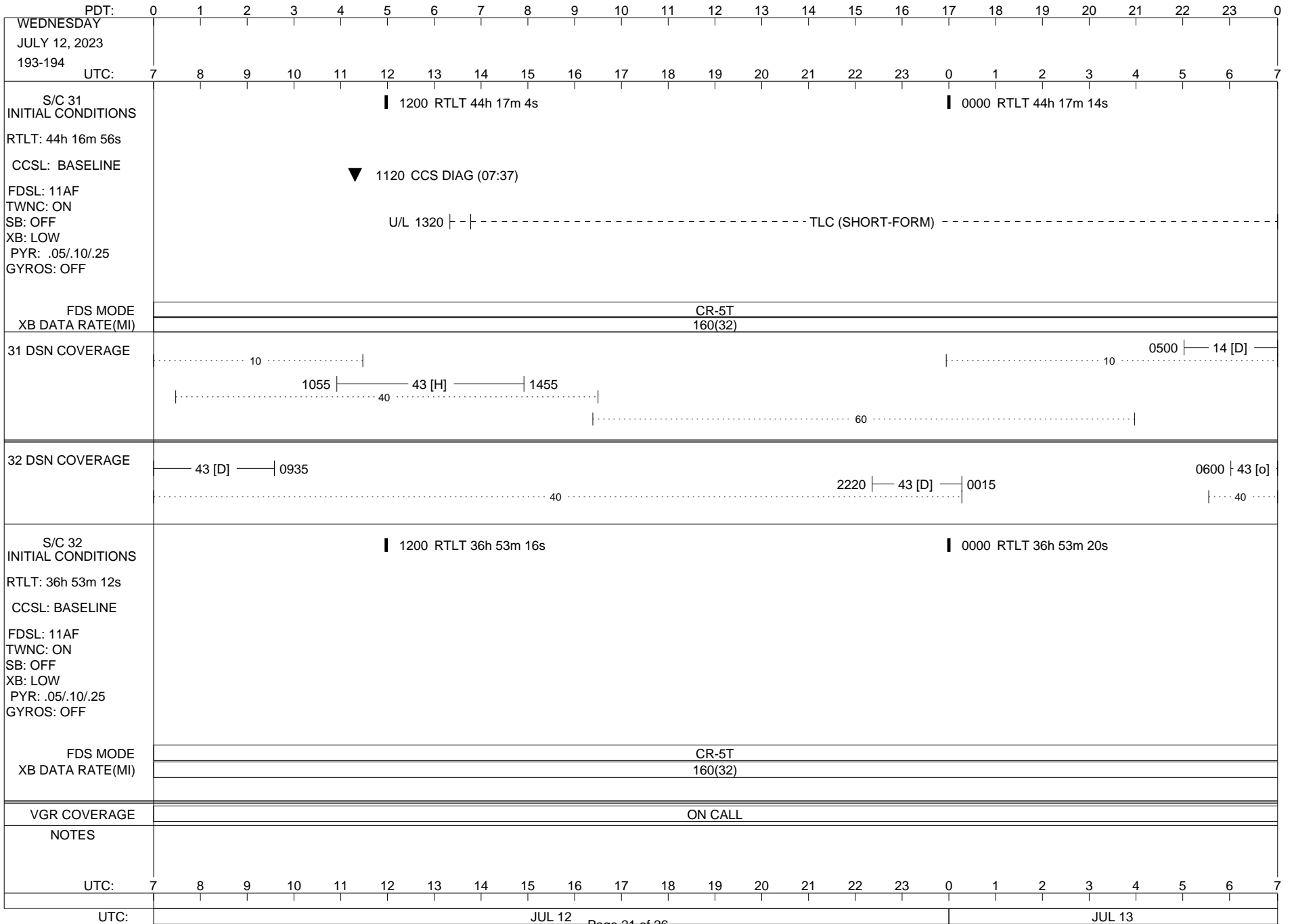


ISSUE DATE: 06/16/23 19:43

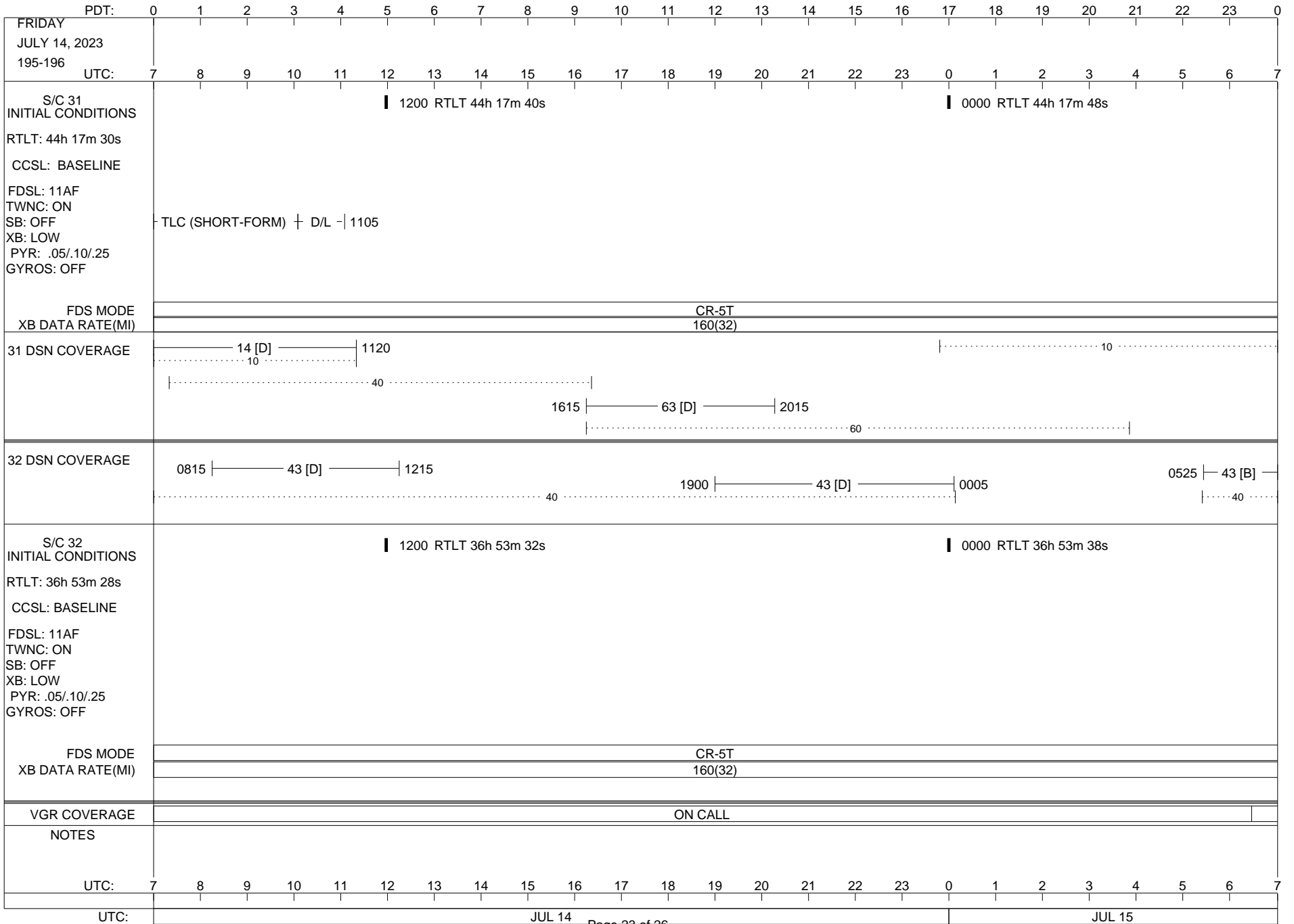


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MONDAY JULY 10, 2023 191-192																										
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S/C 31 INITIAL CONDITIONS RTLT: 44h 16m 22s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 44h 16m 30s												0000 RTLT 44h 16m 38s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	0740-1005												0130 14 [D] 0515													
32 DSN COVERAGE	1050 43 [D] 1150												1935 43 [D] 2140 43 [D] 0630													
S/C 32 INITIAL CONDITIONS RTLT: 36h 52m 54s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 52m 58s												0000 RTLT 36h 53m 2s													
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 10													JUL 11												





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 13, 2023 194-195																												
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 17m 14s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 44h 17m 22s												| 0000 RTLT 44h 17m 30s															
----- TLC (SHORT-FORM) -----																												
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
31 DSN COVERAGE	14 [D] | 0930.....||.....40.....|												0320 | 14 [D] | .....|.....| |.....60.....|															
32 DSN COVERAGE	43 [o] | 1015.....40.....												2135 | 43 [D] | 0010 |.....40.....															
S/C 32 INITIAL CONDITIONS RTLT: 36h 53m 20s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 36h 53m 24s												| 0000 RTLT 36h 53m 28s															
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 13														JUL 14													



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
SATURDAY JULY 15, 2023 196-197	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 17m 48s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 44h 17m 58s												| 0000 RTLT 44h 18m 6s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	.....10.....|												|.....10.....											
	|.....40.....|												1610 |----- 63 [D] -----| 2010 |.....60.....|												
32 DSN COVERAGE	----- 43 [B] -----| 1025												2000 |----- 43 [D] -----| 2300 |.....40.....|												
0520 |----- 43 [D] -----|													|.....40.....											
S/C 32 INITIAL CONDITIONS RTLT: 36h 53m 38s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 36h 53m 42s												| 0000 RTLT 36h 53m 46s												
▼ 0727 DUMMY (5 MIN BRACKETED 20:21)																									
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
UTC:	JUL 15												JUL 16												

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 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 RTLT: 44h 18m 6s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 44h 18m 16s												| 0000 RTLT 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												
	..... 40 .....												..... 40											
43 [o] 0615 |----- 40																									
S/C 32 INITIAL CONDITIONS RTLT: 36h 53m 46s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 36h 53m 52s												| 0000 RTLT 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
UTC:	JUL 16												JUL 17												

ISSUE DATE: 06/16/23 19:43

