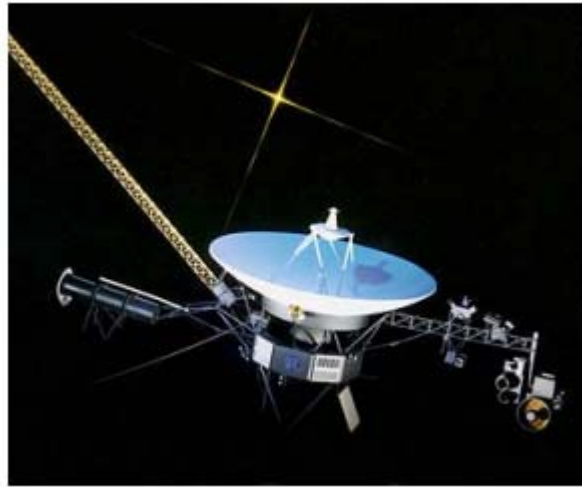


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: June 28, 2023

For the Period: 06/29/23 to 07/24/23 (23/180 – 23/205)

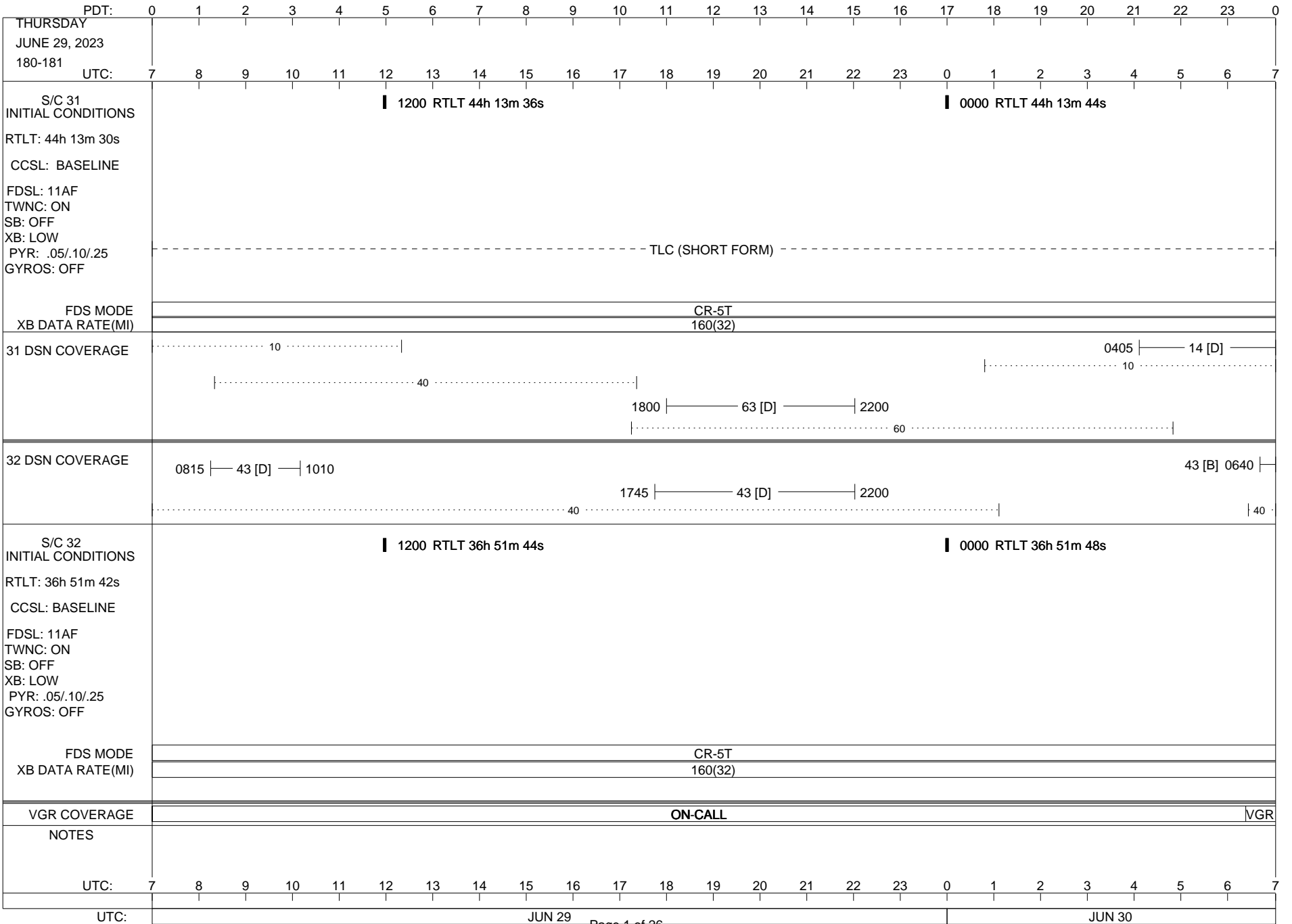


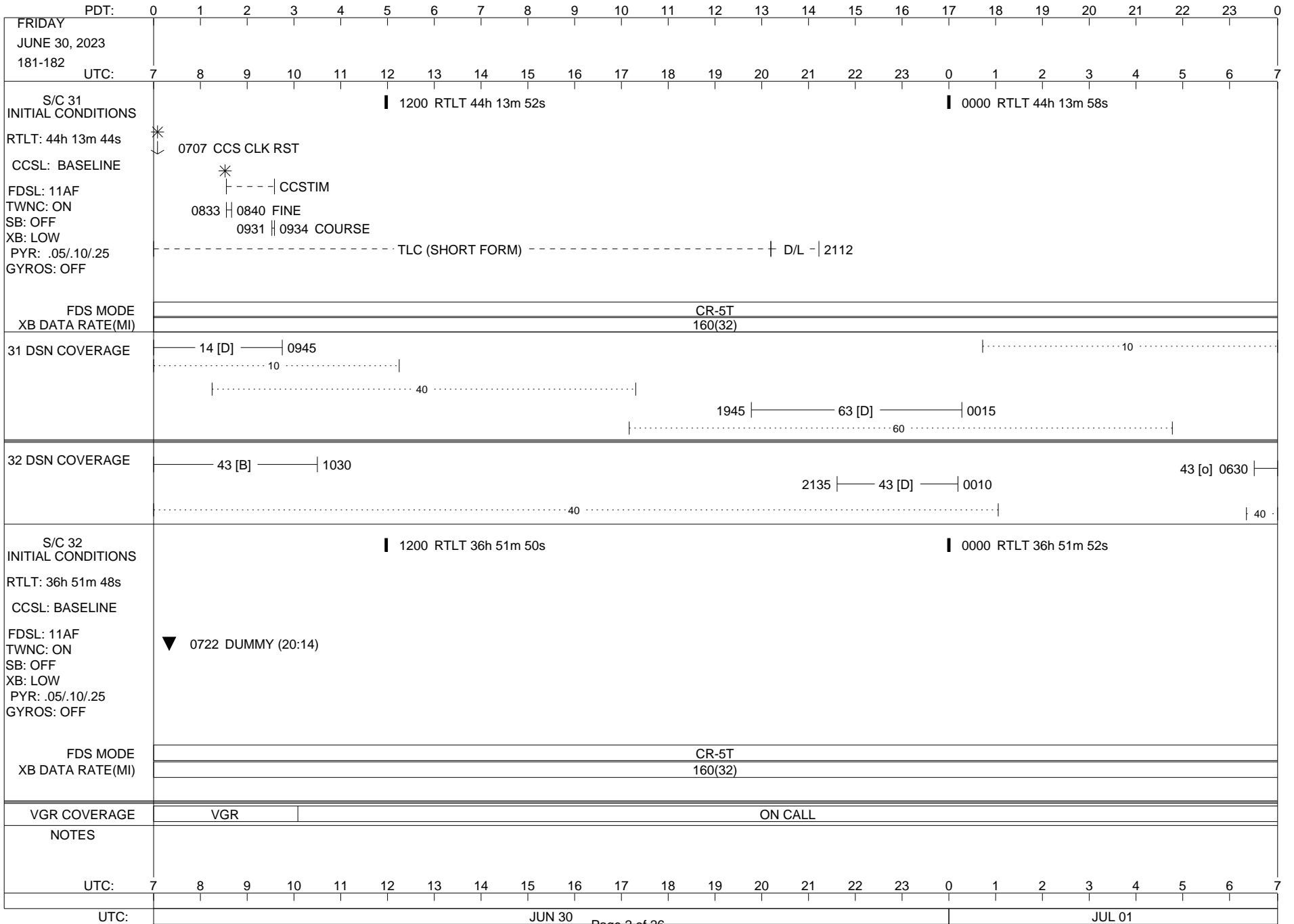
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

LEGEND:

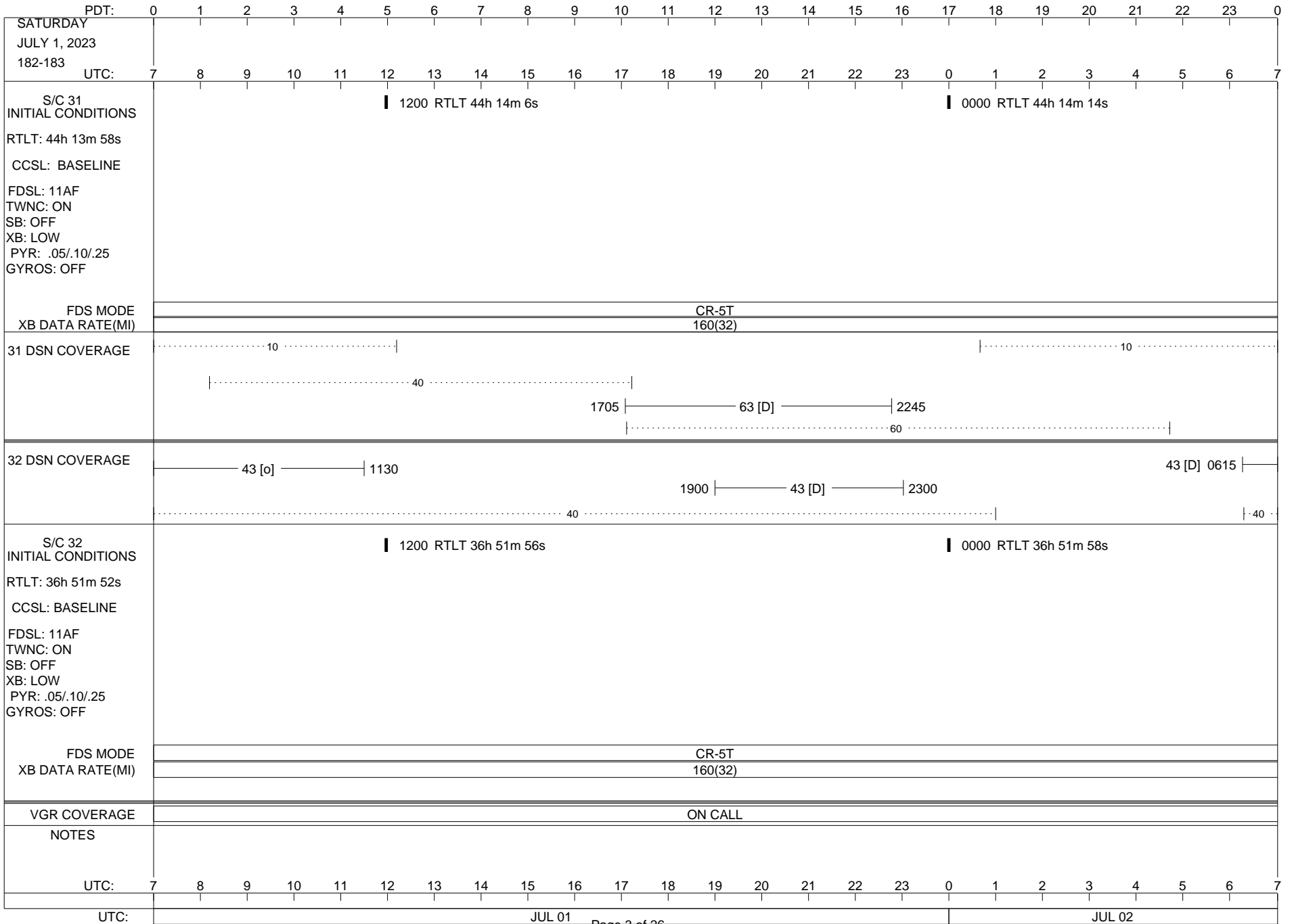
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- * = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U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

ISSUE DATE: 06/28/23 11:21

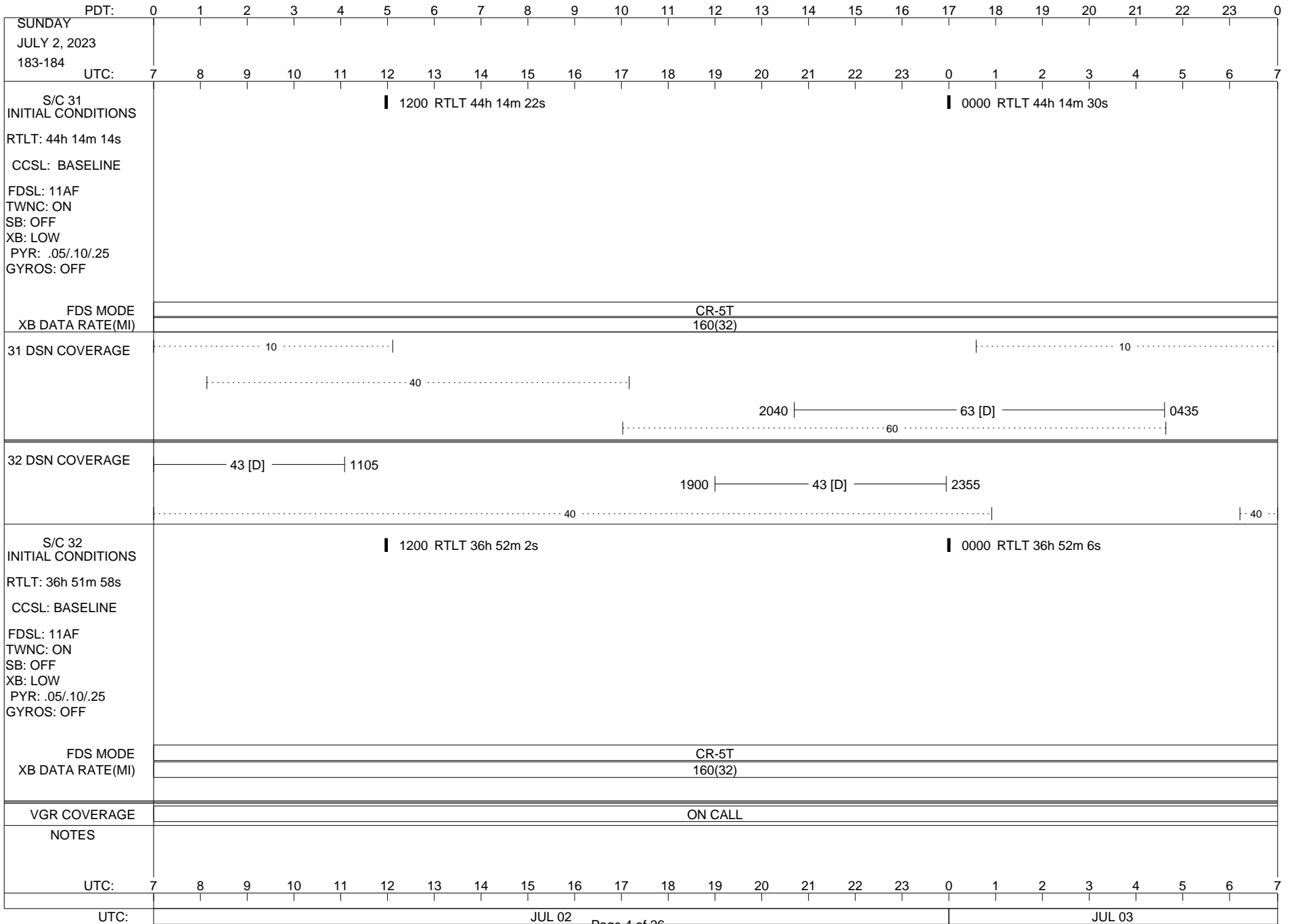




ISSUE DATE: 06/28/23 11:21



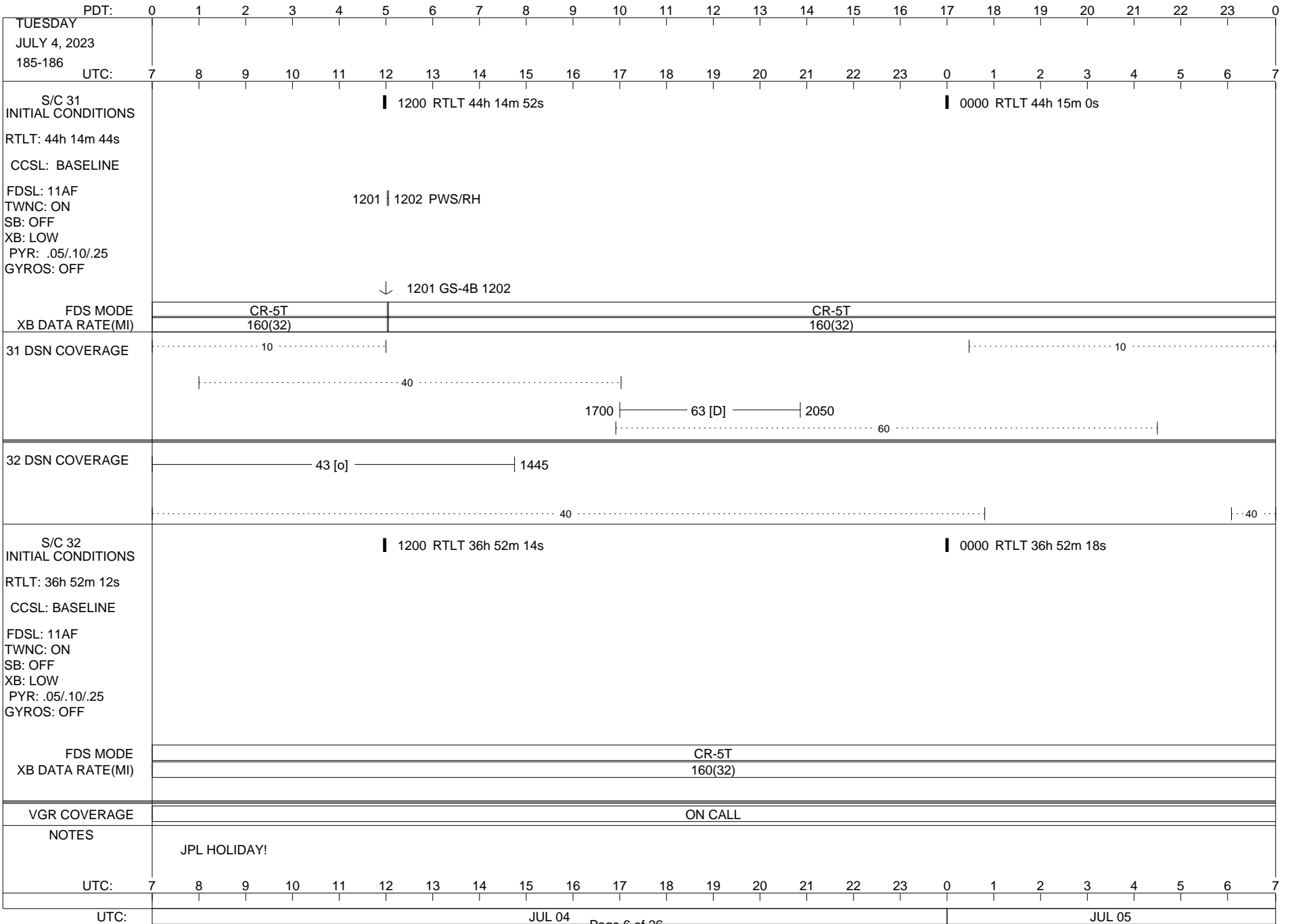
ISSUE DATE: 06/28/23 11:21



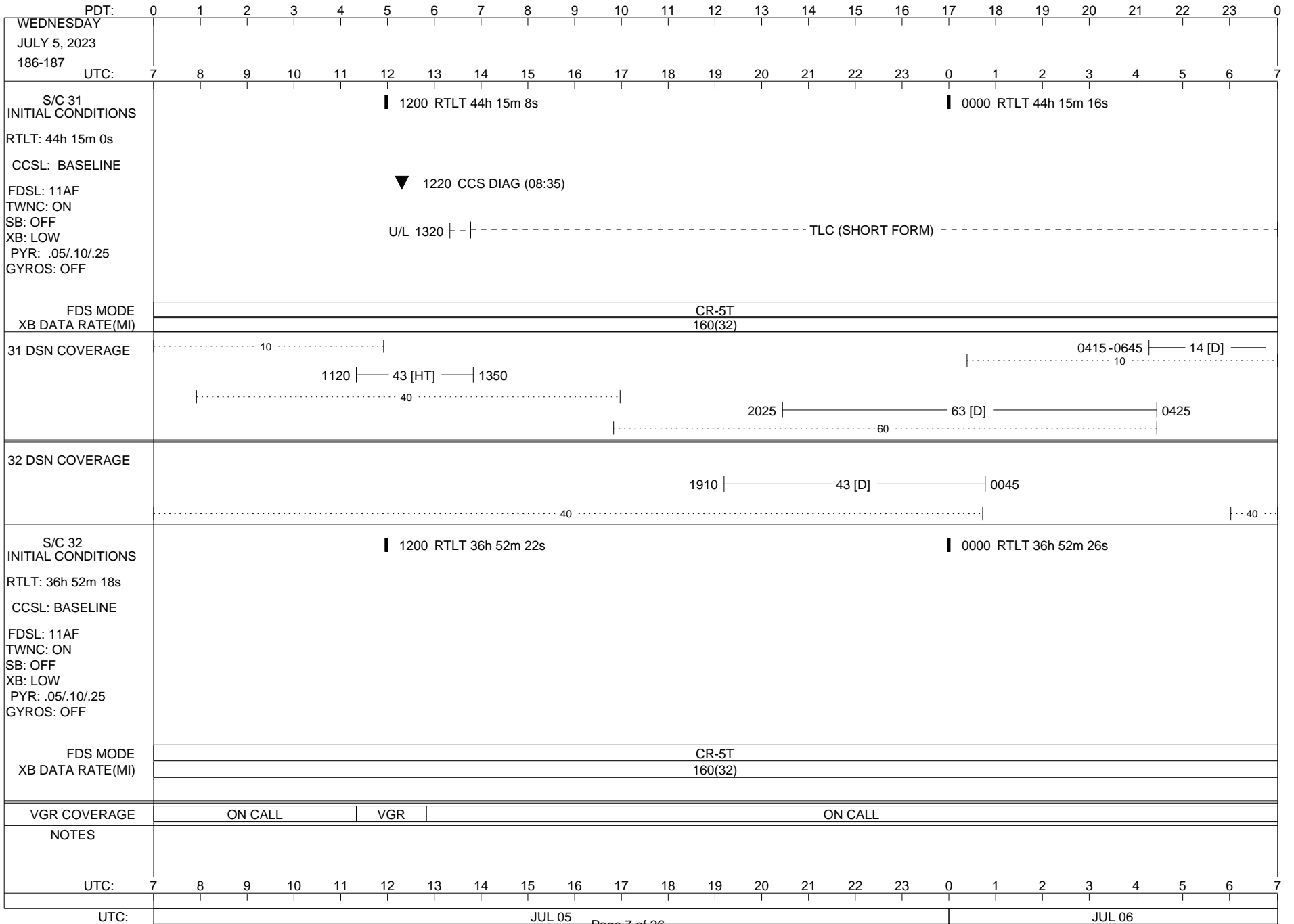
ISSUE DATE: 06/28/23 11:21

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 3, 2023 184-185																									
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 14m 30s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 44h 14m 36s												█ 0000 RTLT 44h 14m 44s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	.....10.....|												|.....10.....											
	|.....40.....|																								
													1705 |----- 63 [D] -----| 2115												
													|.....60.....|												
32 DSN COVERAGE	1020 |----- 43 [D] -----| 1420												43 [o] 0645 |												
	.....40.....|												|.....40.....											
S/C 32 INITIAL CONDITIONS RTLT: 36h 52m 6s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 36h 52m 8s												█ 0000 RTLT 36h 52m 12s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE													ON CALL												
NOTES	JPL HOLIDAY!																								
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 03												JUL 04												

ISSUE DATE: 06/28/23 11:21



ISSUE DATE: 06/28/23 11:21



ISSUE DATE: 06/28/23 11:21

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 6, 2023
187-188 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 16s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 44h 15m 24s

0000 RTLT 44h 15m 32s

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: 36h 52m 26s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 36h 52m 28s

0000 RTLT 36h 52m 32s

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

VGR COVERAGE

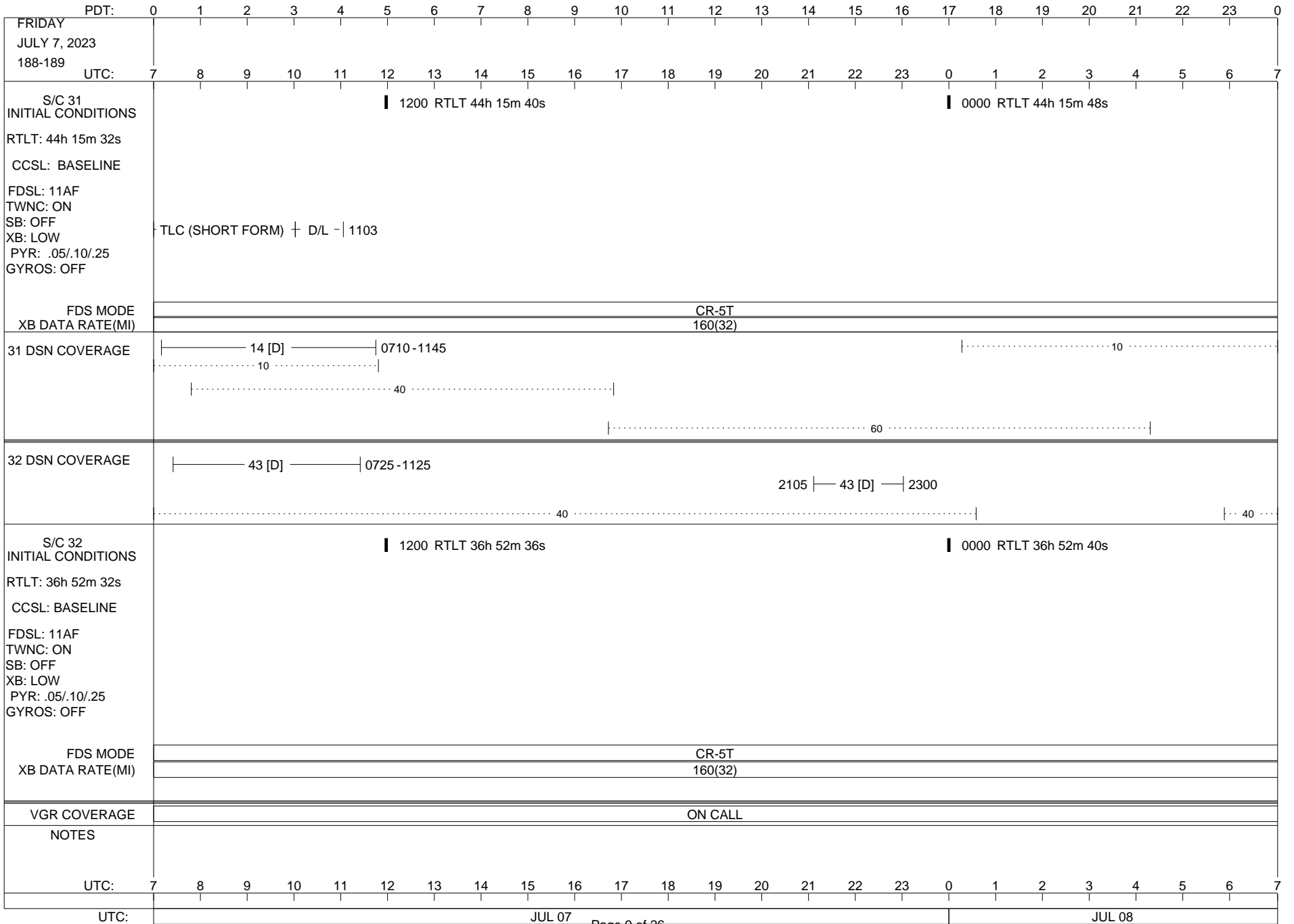
ON CALL

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 06 Page 8 of 26 JUL 07

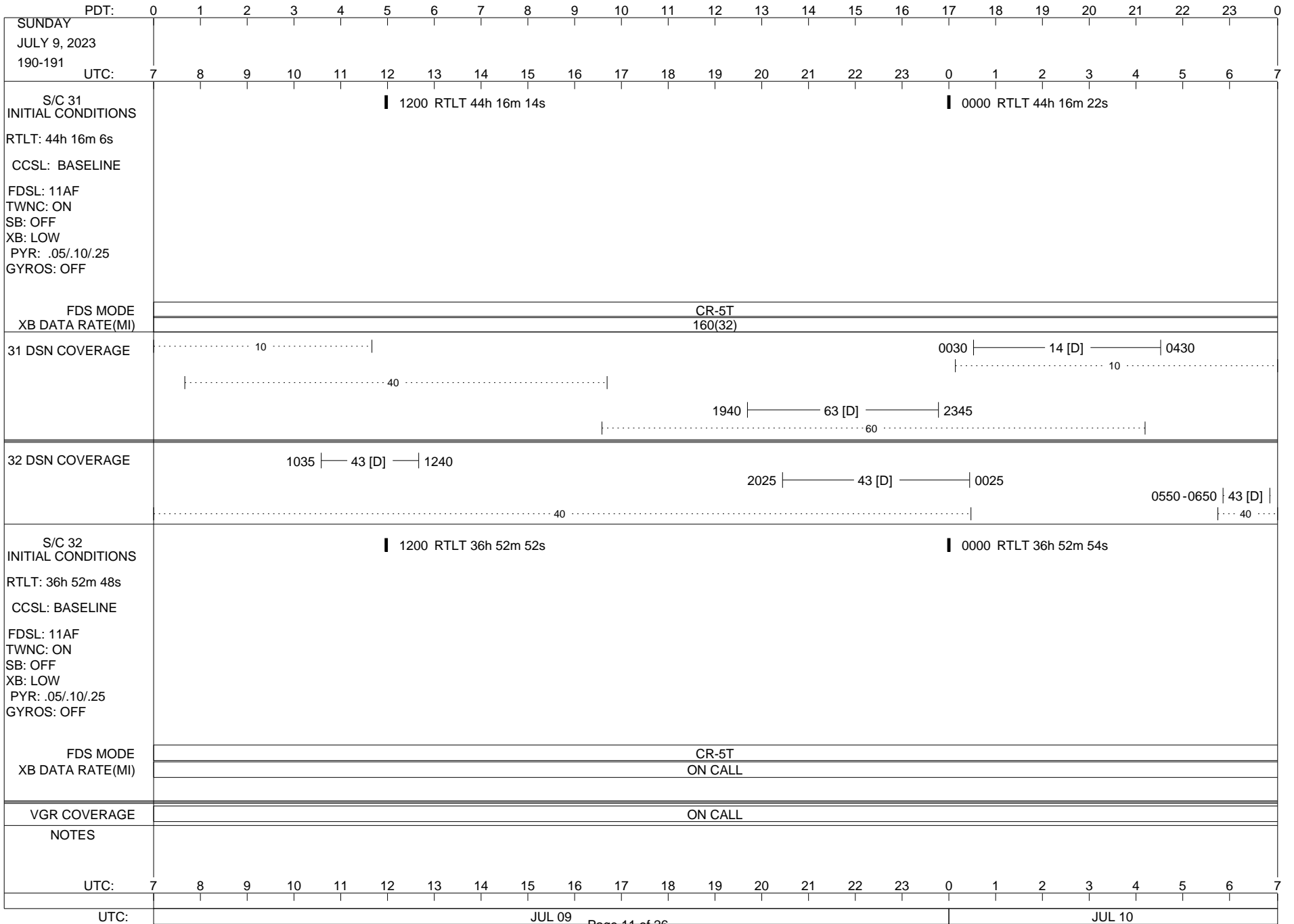
ISSUE DATE: 06/28/23 11:21



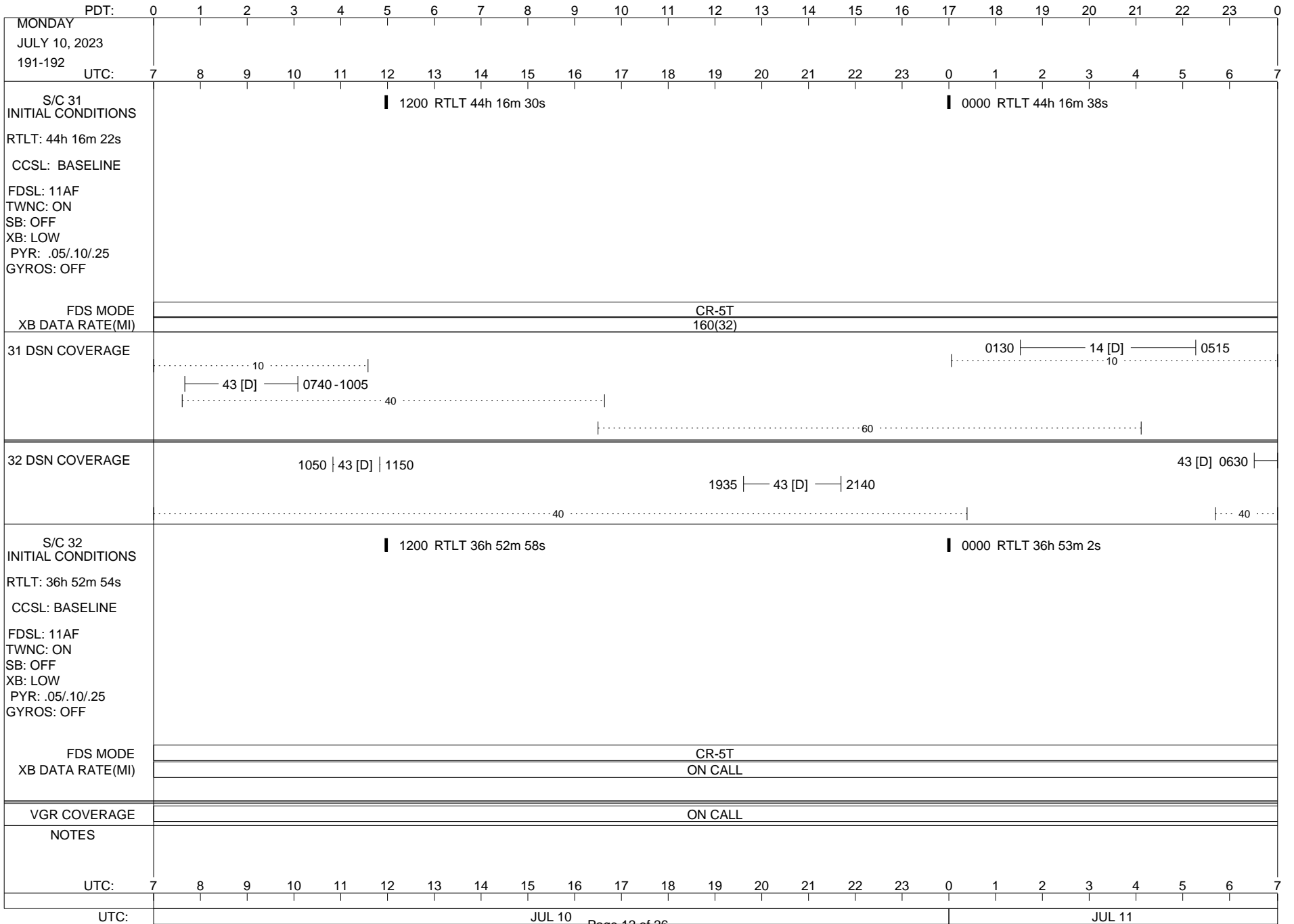
ISSUE DATE: 06/28/23 11:21

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 8, 2023 189-190	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 15m 48s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 44h 15m 56s												| 0000 RTLTL 44h 16m 6s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	|-----10-----|												|-----10-----|												
	|-----40-----|																								
	1640 |-----63 [D]-----| 2115												|-----60-----|												
32 DSN COVERAGE	0750 |-----43 [B]-----| 1150												2025 |-----43 [D]-----| 0030												
	|-----40-----|												|-----40-----|												
S/C 32 INITIAL CONDITIONS RTLTL: 36h 52m 40s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 36h 52m 44s												| 0000 RTLTL 36h 52m 48s												
	▼ 0827 DUMMY (5 MIN BRACKETED 21:20)																								
FDS MODE	CR-5T																								
XB DATA RATE(MI)	VGR												ON CALL												
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 08												JUL 09												

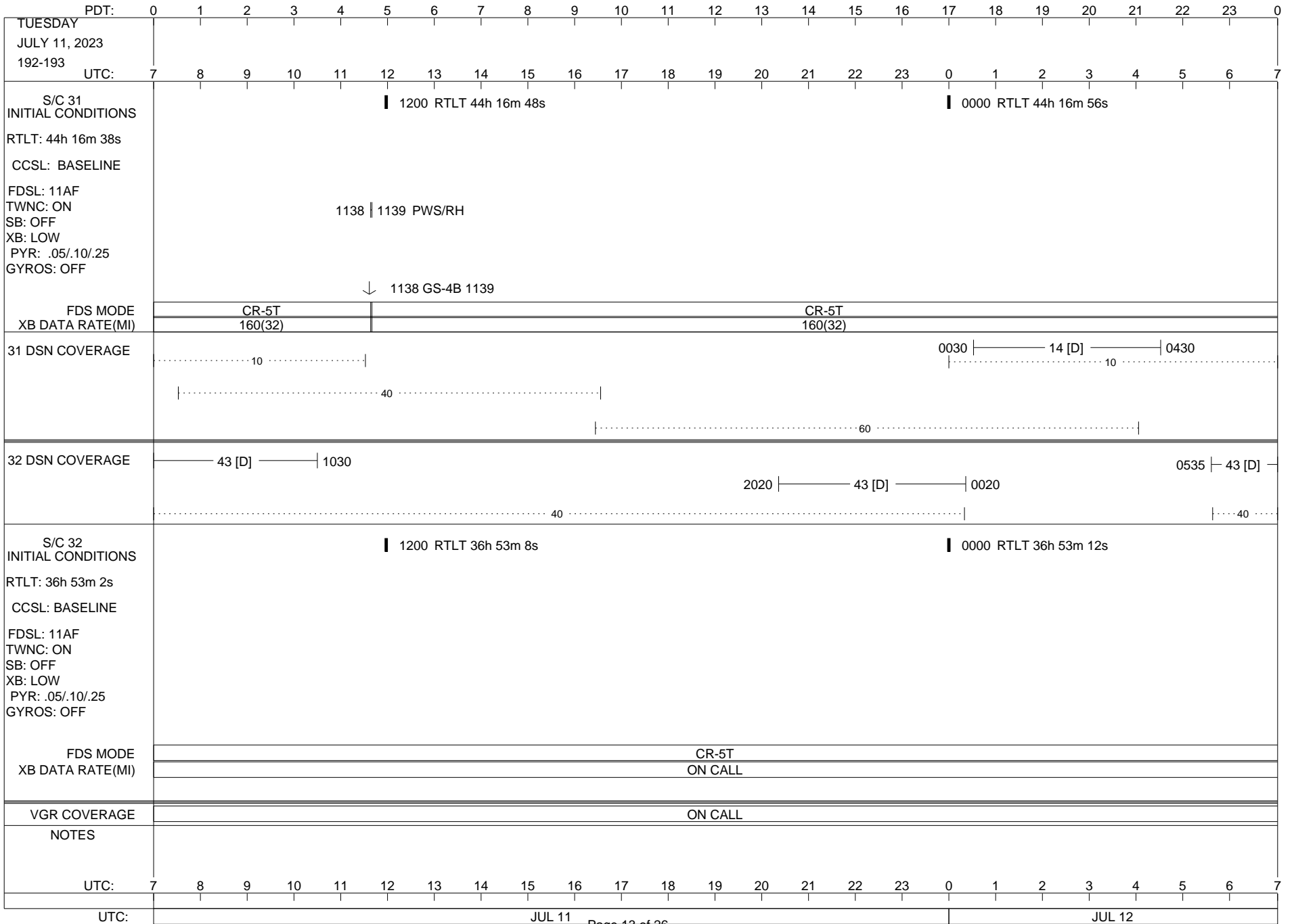
ISSUE DATE: 06/28/23 11:21



ISSUE DATE: 06/28/23 11:21



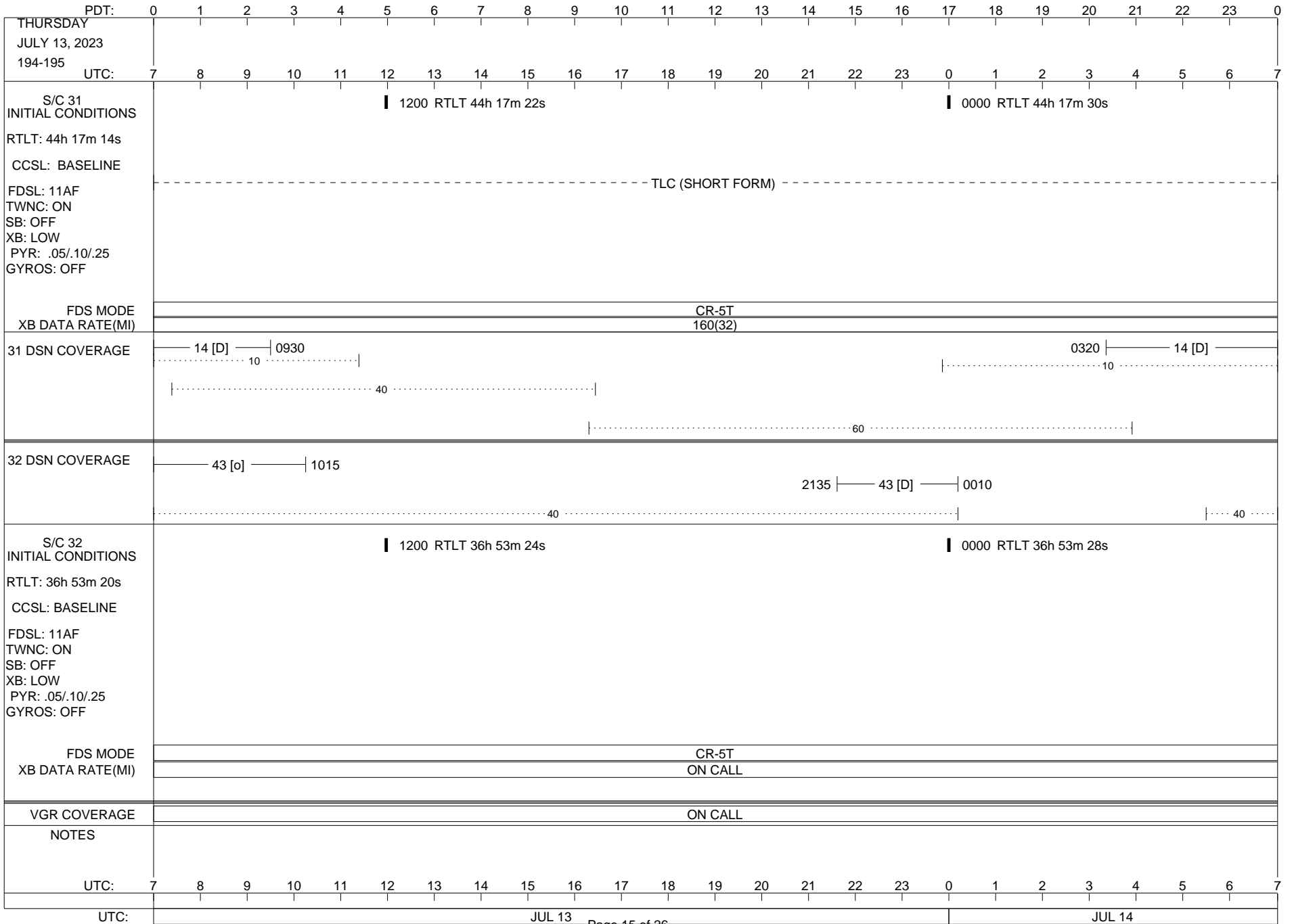
ISSUE DATE: 06/28/23 11:21



ISSUE DATE: 06/28/23 11:21

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 12, 2023 193-194																												
S/C 31 INITIAL CONDITIONS RTLT: 44h 16m 56s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 44h 17m 4s												0000 RTLT 44h 17m 14s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS RTLT: 36h 53m 12s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 53m 16s												0000 RTLT 36h 53m 20s															
FDS MODE XB DATA RATE(MI)													CR-5T ON CALL															
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 12														JUL 13													

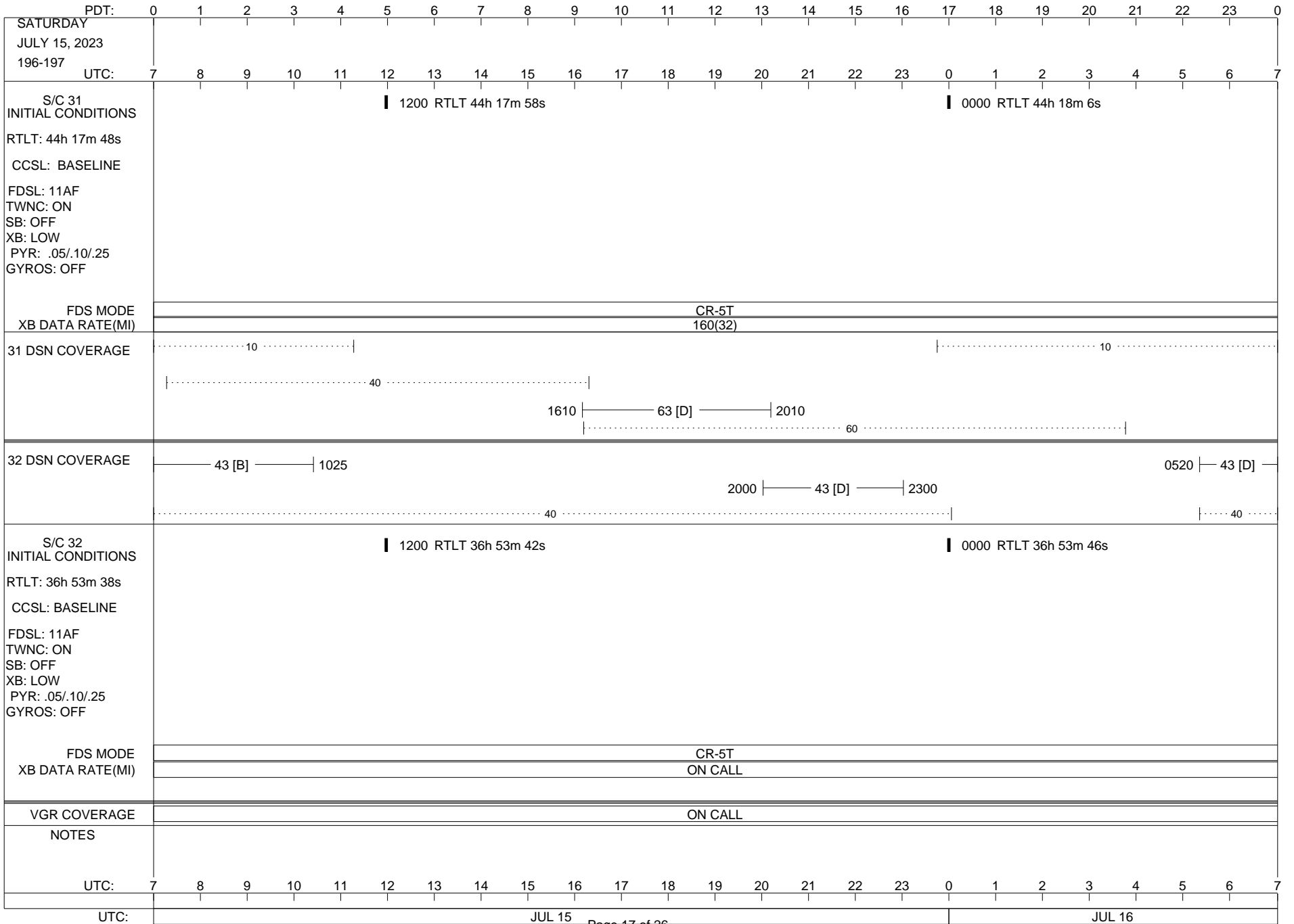
ISSUE DATE: 06/28/23 11:21



ISSUE DATE: 06/28/23 11:21

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 14, 2023 195-196																													
S/C 31 INITIAL CONDITIONS RTLT: 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													
		10														40													
		1615 | 63 [D] | 2015														60													
32 DSN COVERAGE		0815 | 43 [D] | 1215														0525 | 43 [B]													
		40														1900 | 43 [D] | 0005													
																40													
S/C 32 INITIAL CONDITIONS RTLT: 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 ON CALL													
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 14														JUL 15													

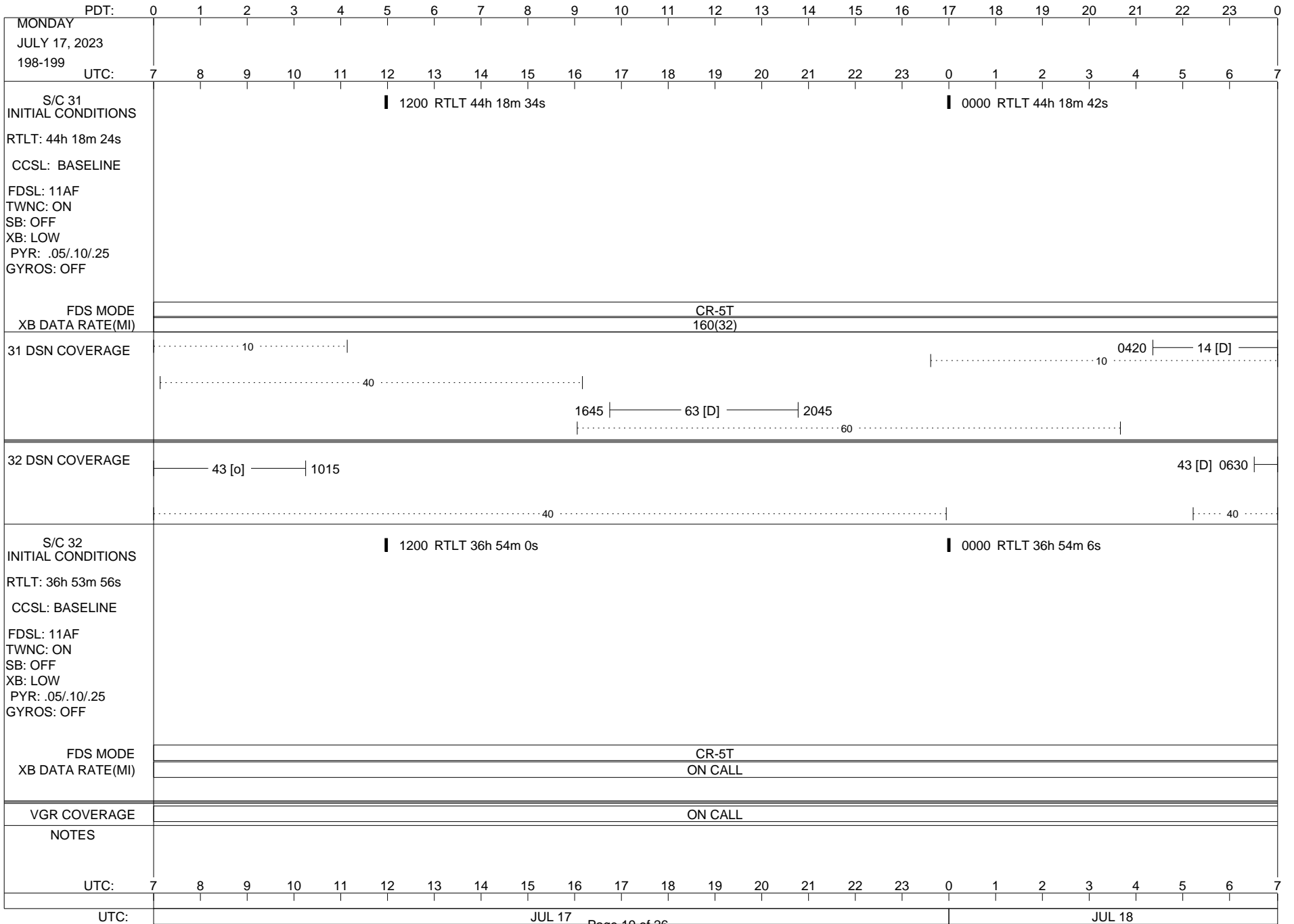
ISSUE DATE: 06/28/23 11:21



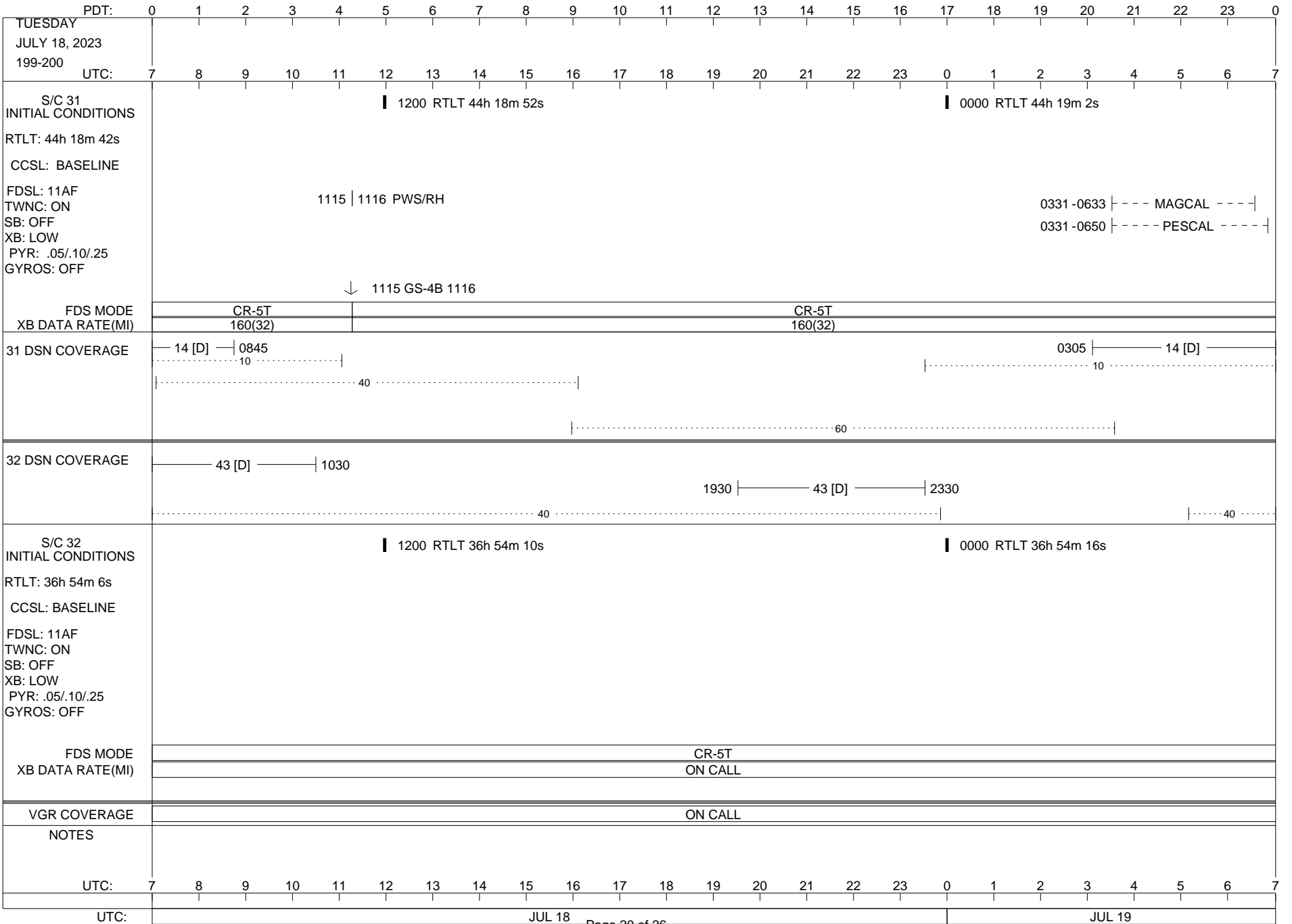
ISSUE DATE: 06/28/23 11:21

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						43 [o] 0615 |-----												
	..... 40 .....												|..... 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)	ON CALL																								
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: 06/28/23 11:21



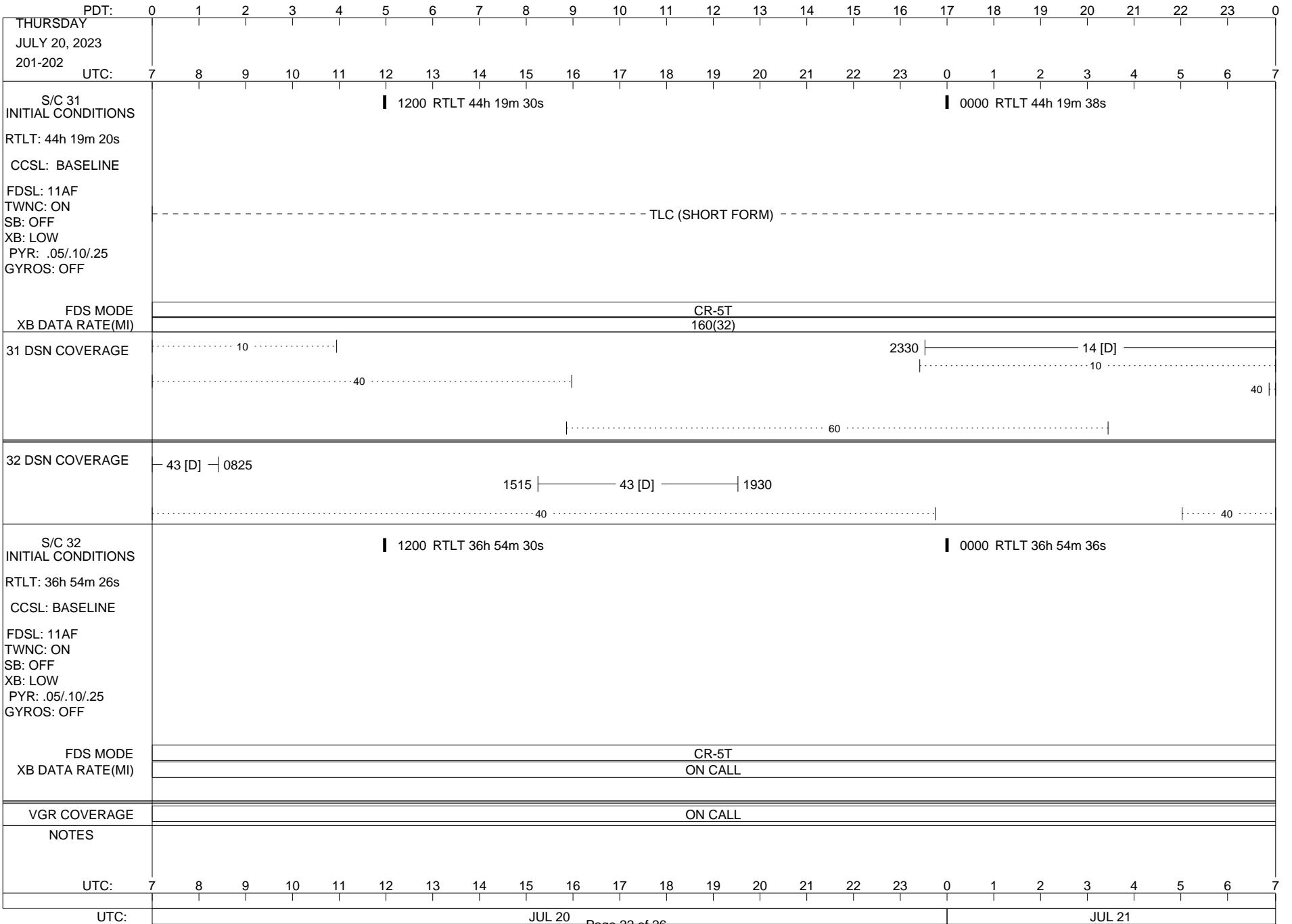
ISSUE DATE: 06/28/23 11:21



ISSUE DATE: 06/28/23 11:21

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 19, 2023 200-201																												
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 2s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 44h 19m 10s												0000 RTLTL 44h 19m 20s															
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
31 DSN COVERAGE	0705 14 [D] | ..... 10 ..... | ..... 10 ..... |												| ..... 10 ..... | ..... 10 ..... |															
	0945 |----- 43 [HT] -----| 1320												40 |															
	| ..... 40 ..... | ..... 40 ..... |												1745 |----- 63 [D] -----| 2310														
	| ..... 40 ..... | ..... 40 ..... |												| ..... 60 ..... | ..... 60 ..... |															
32 DSN COVERAGE	| ..... 40 ..... | ..... 40 ..... |												1950 |----- 43 [D] -----| 2350														
	| ..... 40 ..... | ..... 40 ..... |												0555 | 43 [D] |															
	| ..... 40 ..... | ..... 40 ..... |												| ..... 40 ..... | ..... 40 ..... |															
S/C 32 INITIAL CONDITIONS RTLTL: 36h 54m 16s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 36h 54m 20s												0000 RTLTL 36h 54m 26s															
FDS MODE	CR-5T																											
XB DATA RATE(MI)	ON CALL																											
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 19														JUL 20													

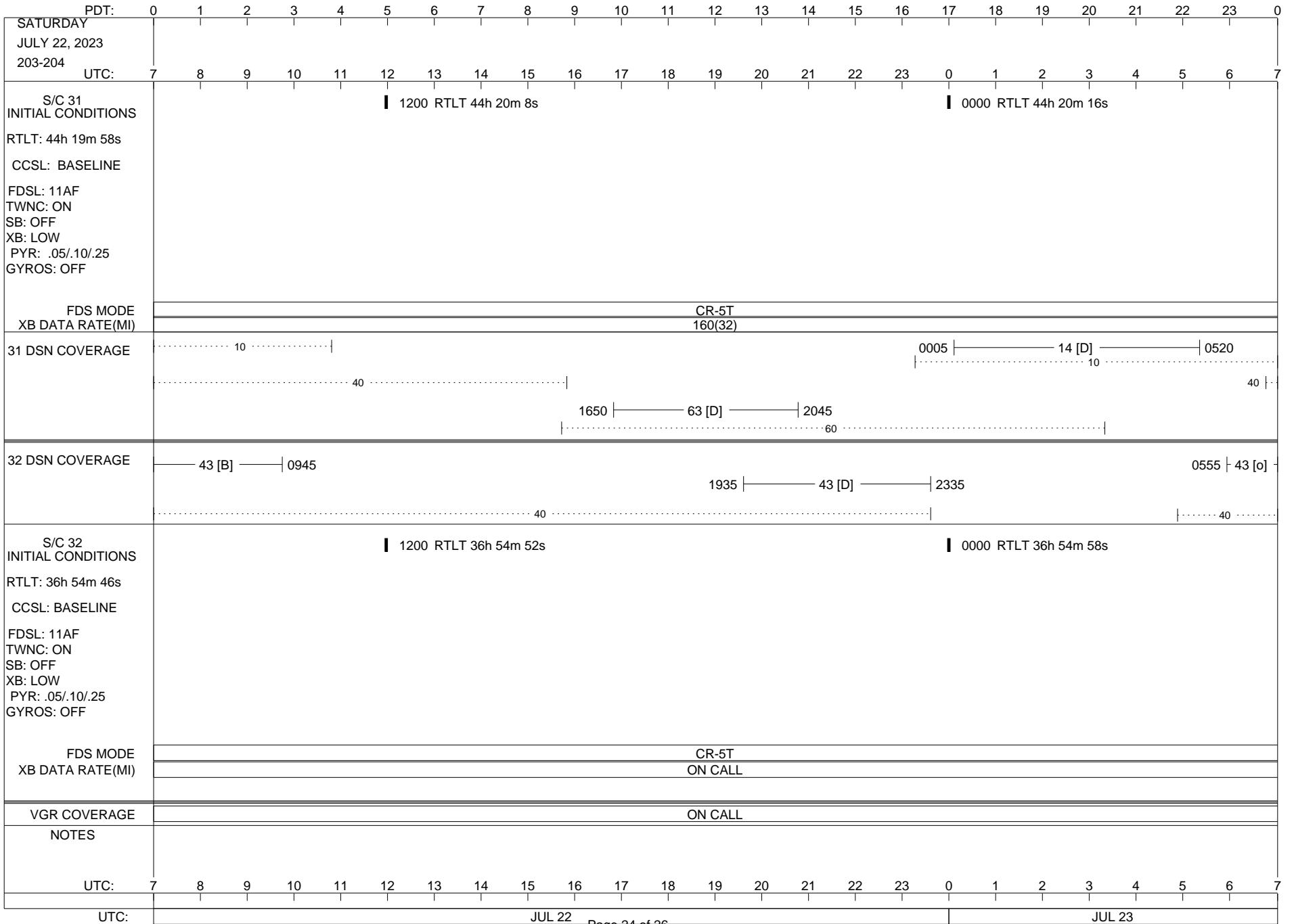
ISSUE DATE: 06/28/23 11:21



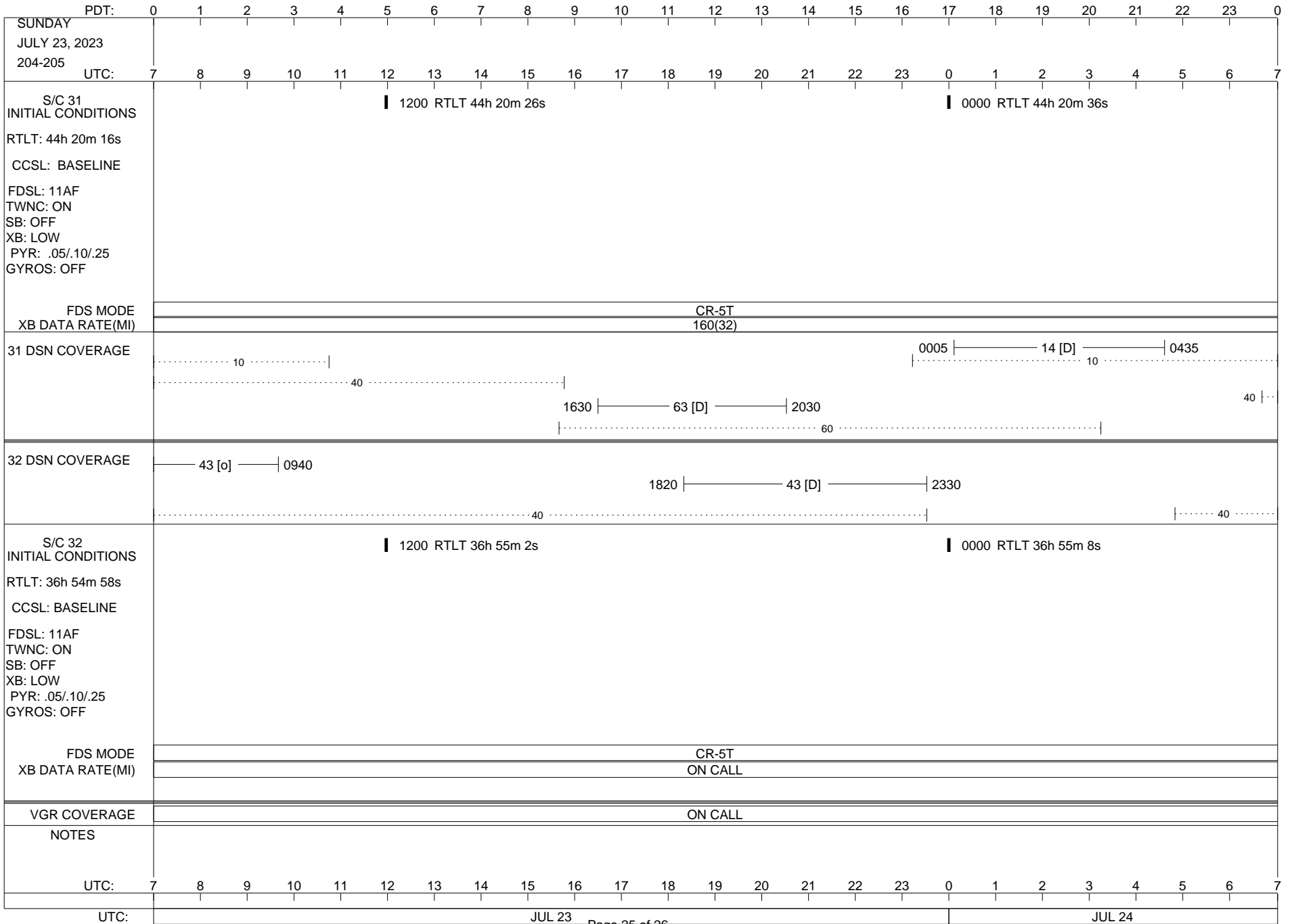
ISSUE DATE: 06/28/23 11:21

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 21, 2023 202-203																													
S/C 31 INITIAL CONDITIONS RTLT: 44h 19m 38s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF		1200 RTLT 44h 19m 48s														0000 RTLT 44h 19m 58s													
FDS MODE XB DATA RATE(MI)																CR-5T 160(32)													
31 DSN COVERAGE		14 [D] 1050 10 40														1905 63 [D] 2300 60													
32 DSN COVERAGE		43 [D] 0735-1200 40														1940 43 [D] 2340 0500 43 [B] 40													
S/C 32 INITIAL CONDITIONS RTLT: 36h 54m 36s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF		1200 RTLT 36h 54m 40s														0000 RTLT 36h 54m 46s													
FDS MODE XB DATA RATE(MI)																CR-5T ON CALL													
VGR COVERAGE																ON CALL													
NOTES																DUMMY (18:22) 0527 ▼													
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 21														JUL 22													

ISSUE DATE: 06/28/23 11:21



ISSUE DATE: 06/28/23 11:21



ISSUE DATE: 06/28/23 11:21

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 24, 2023 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: 44h 20m 36s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 44h 20m 46s																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<p>.....10.....|</p> <p>1025 |-----43 [D]-----| 1455</p> <p>.....40.....|</p> <p>1534 |-----60.....| 0310</p> <p>1725 | 63 [D] | 1825</p> <p>0440 |-----14 [D]-----|</p> <p>.....40</p>																										
32 DSN COVERAGE	<p>1540 |-----43 [D]-----| 2140</p> <p>.....40.....|</p> <p>.....40</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 36h 55m 8s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 36h 55m 14s																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														ON CALL													
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 24													JUL 25													