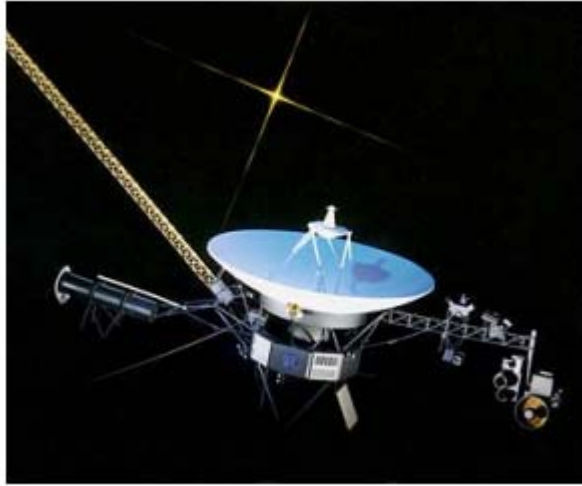


# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: June 29, 2022

For the Period: 06/30/22 to 07/18/22 (22/181 – 22/199)



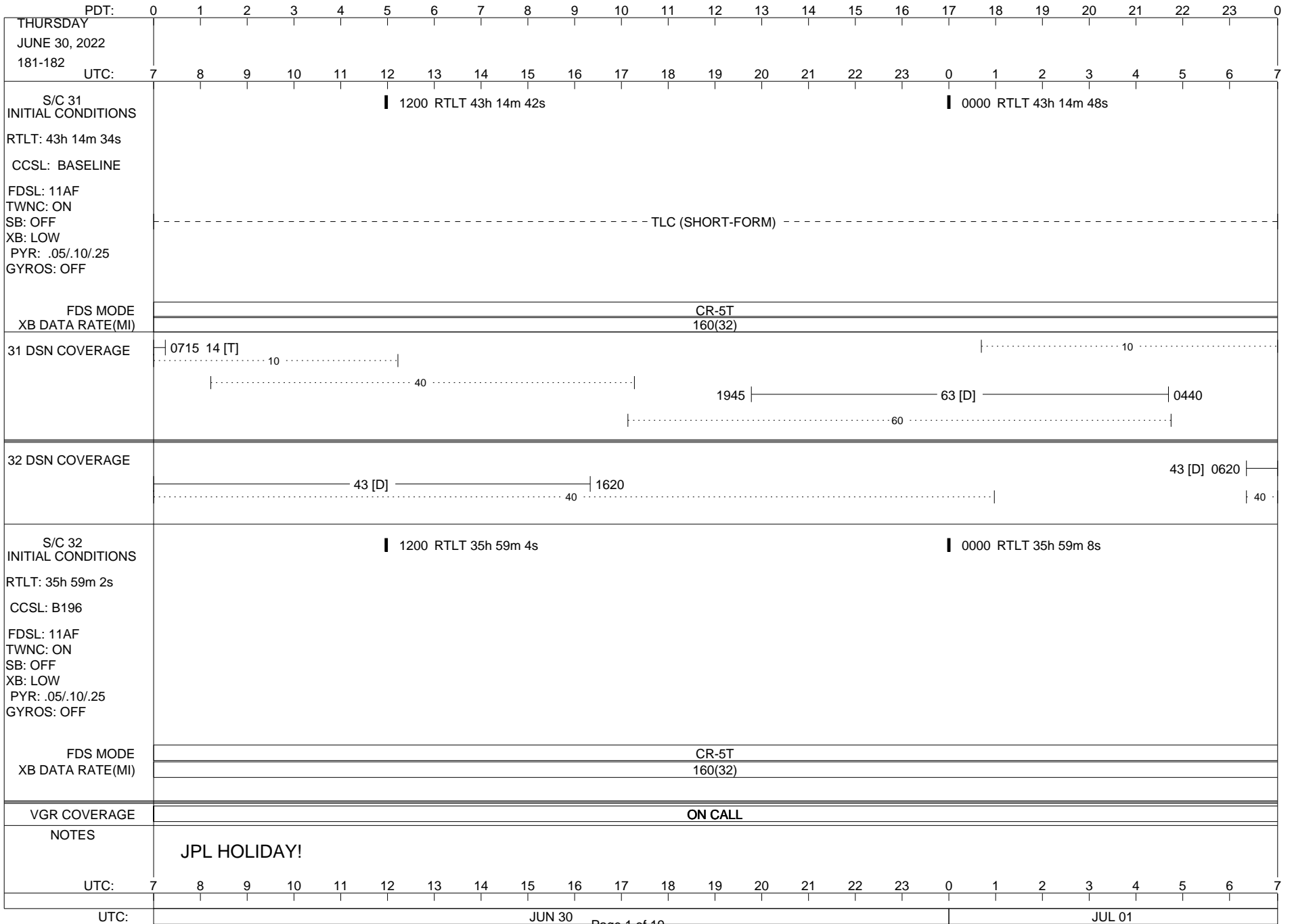
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

**LEGEND:**

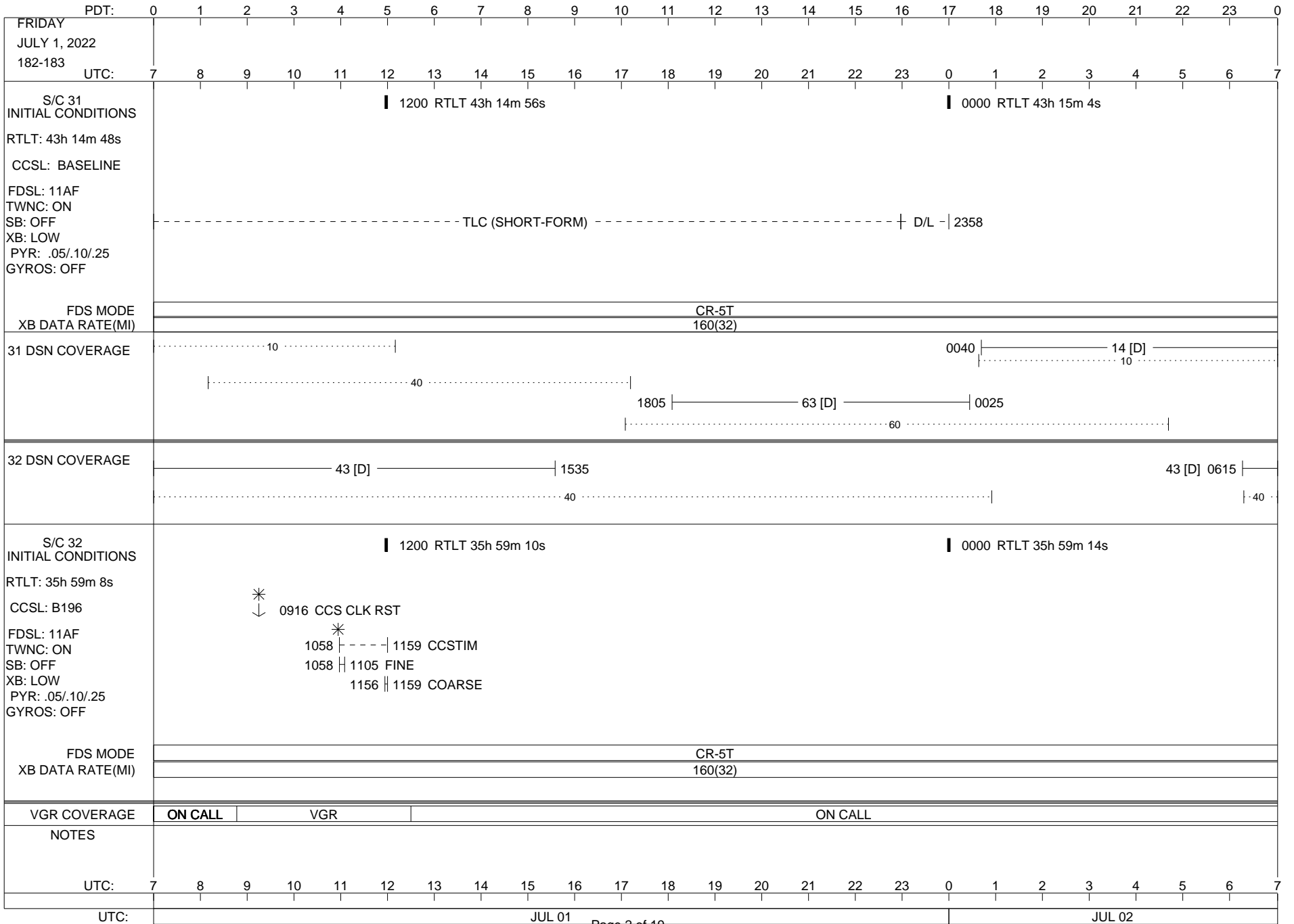
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- \* = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
-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

02/27/19

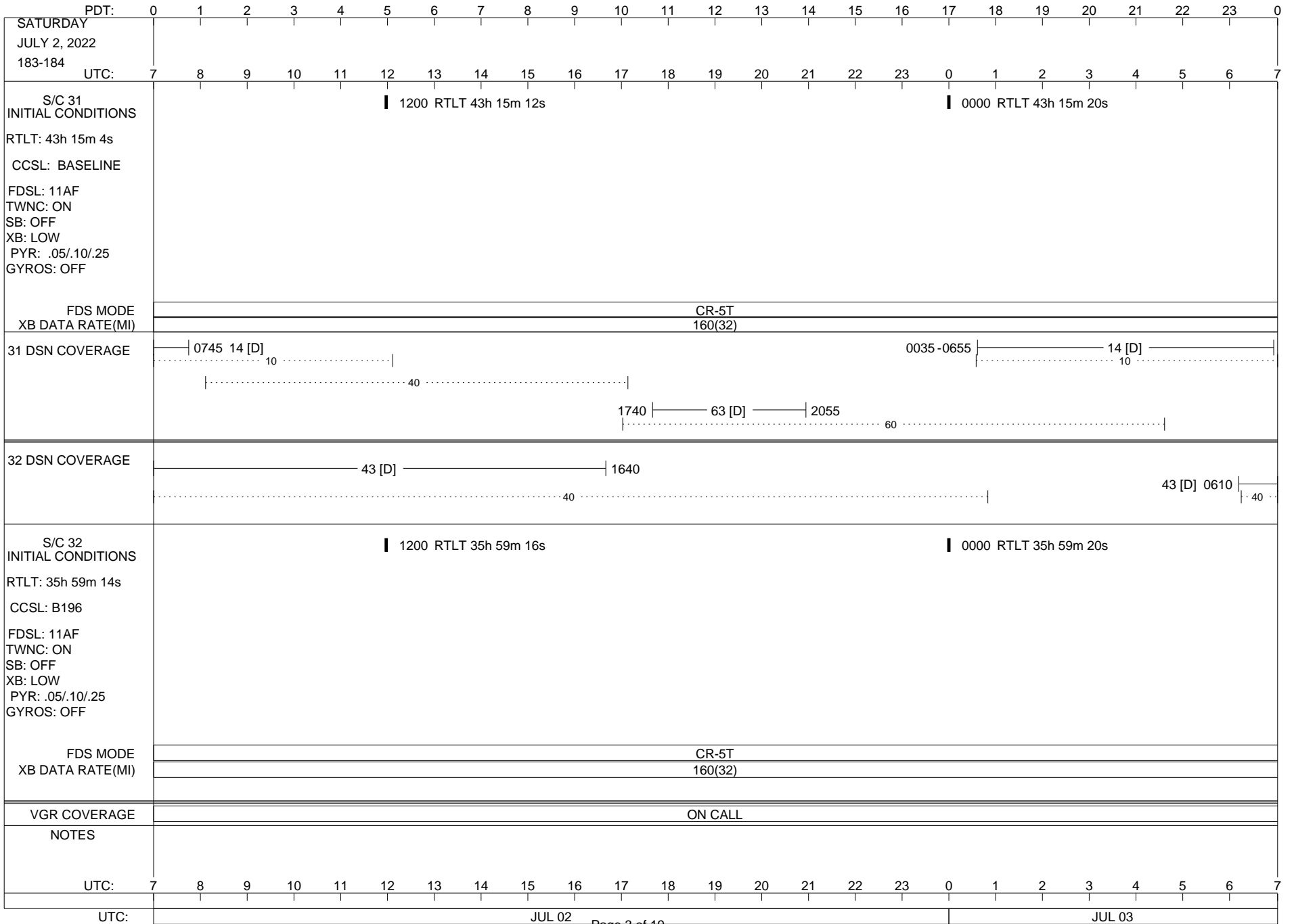
ISSUE DATE: 06/29/22 10:03

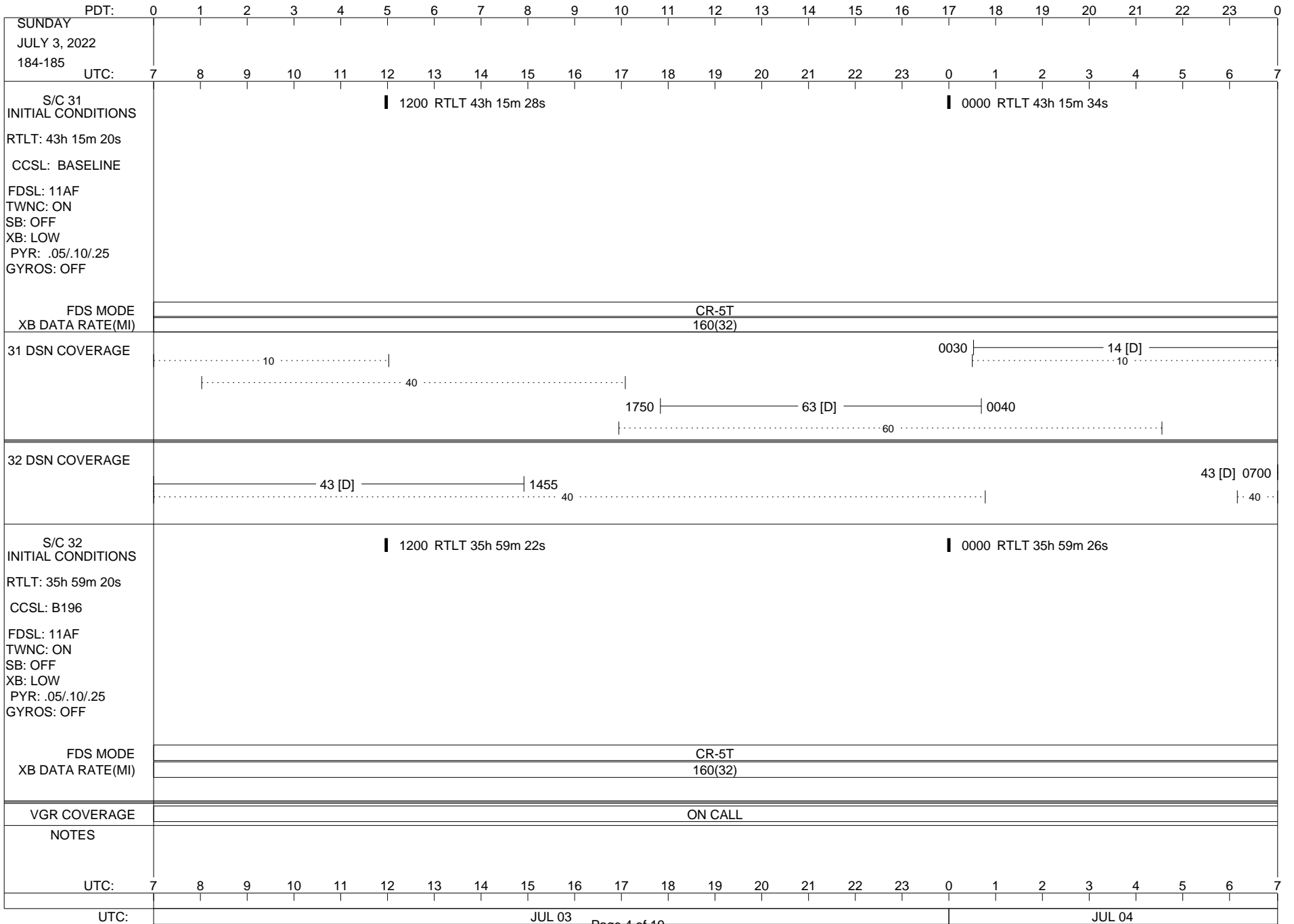


ISSUE DATE: 06/29/22 10:03

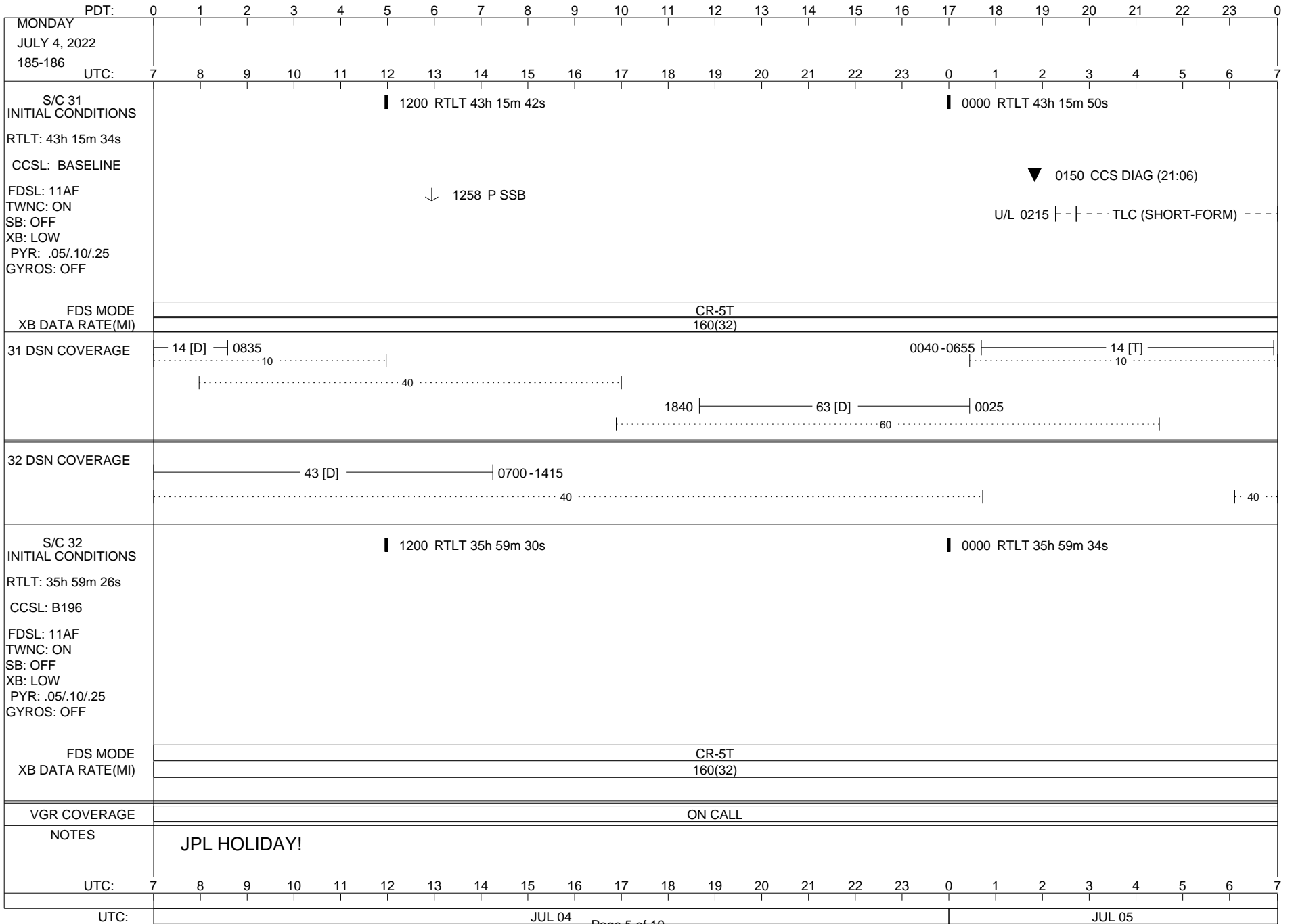


ISSUE DATE: 06/29/22 10:03

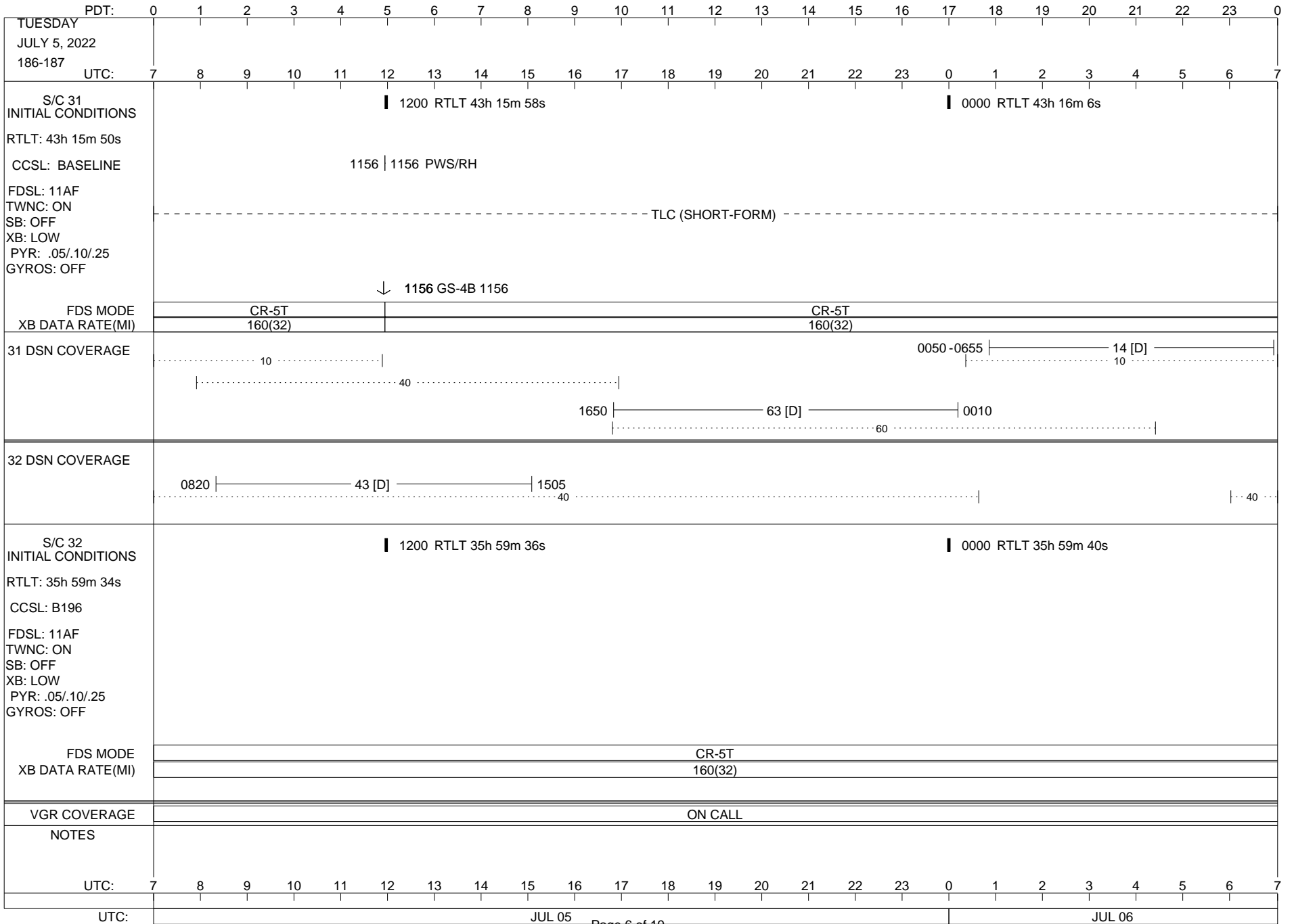




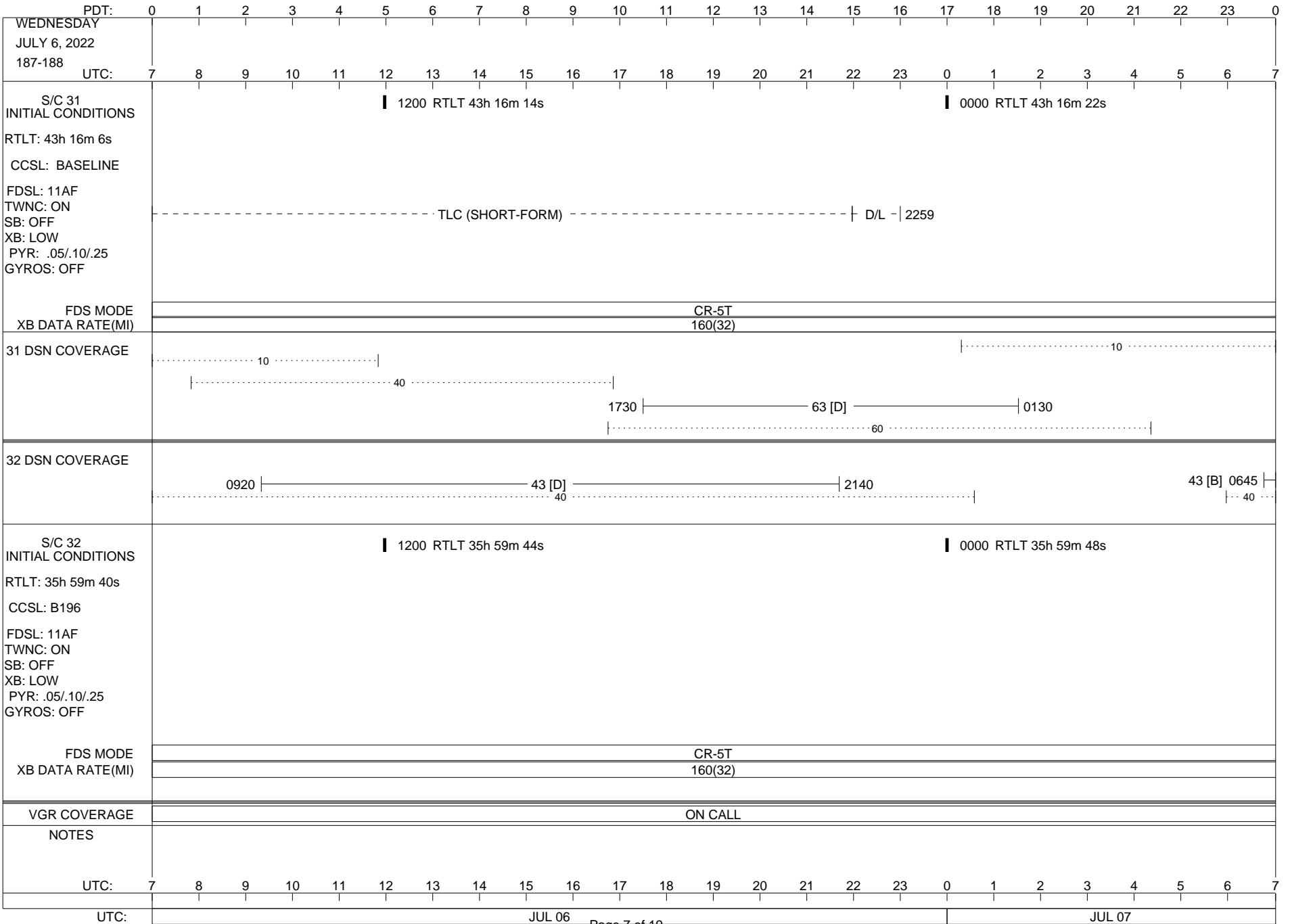
ISSUE DATE: 06/29/22 10:03



ISSUE DATE: 06/29/22 10:03

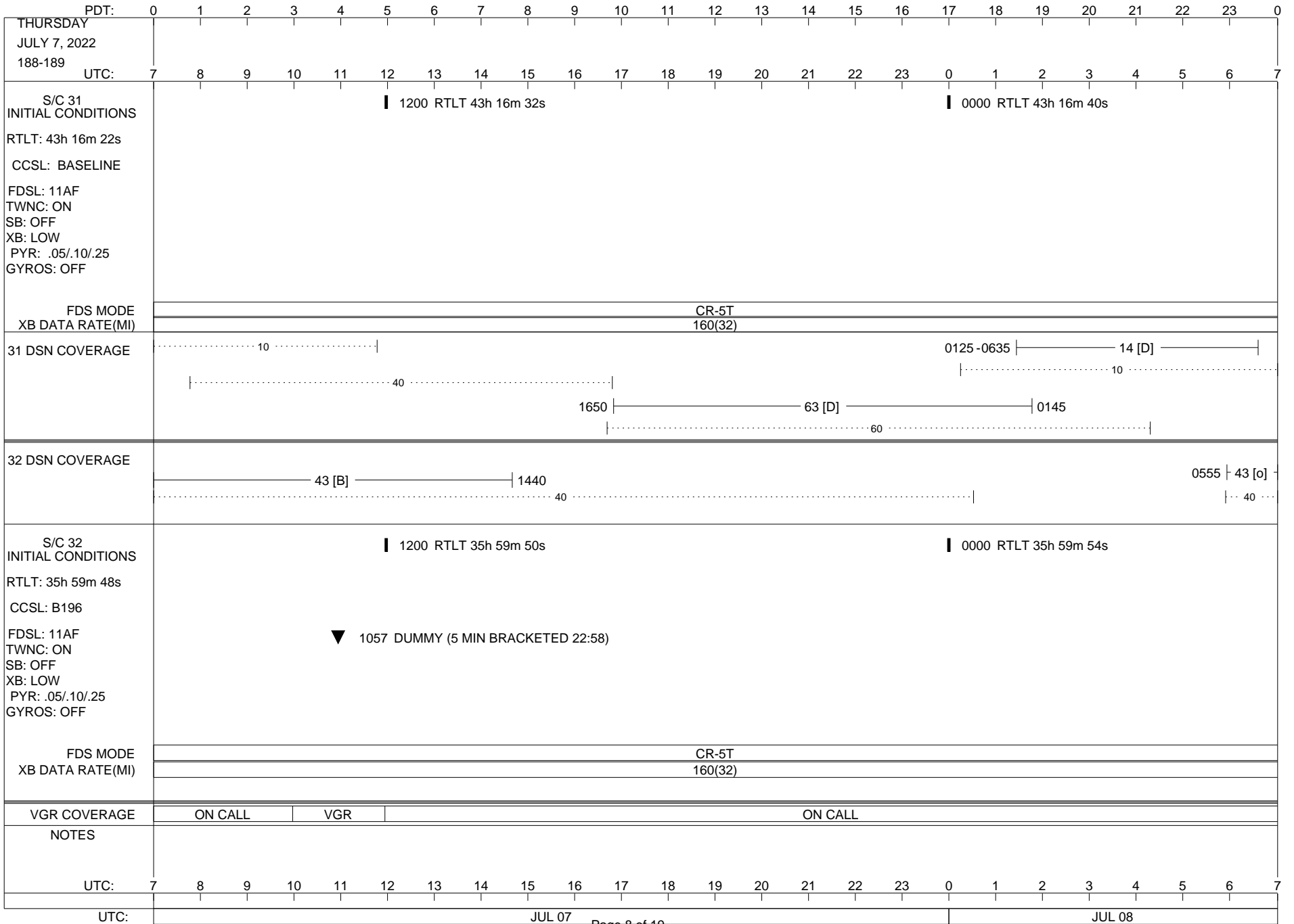


ISSUE DATE: 06/29/22 10:03

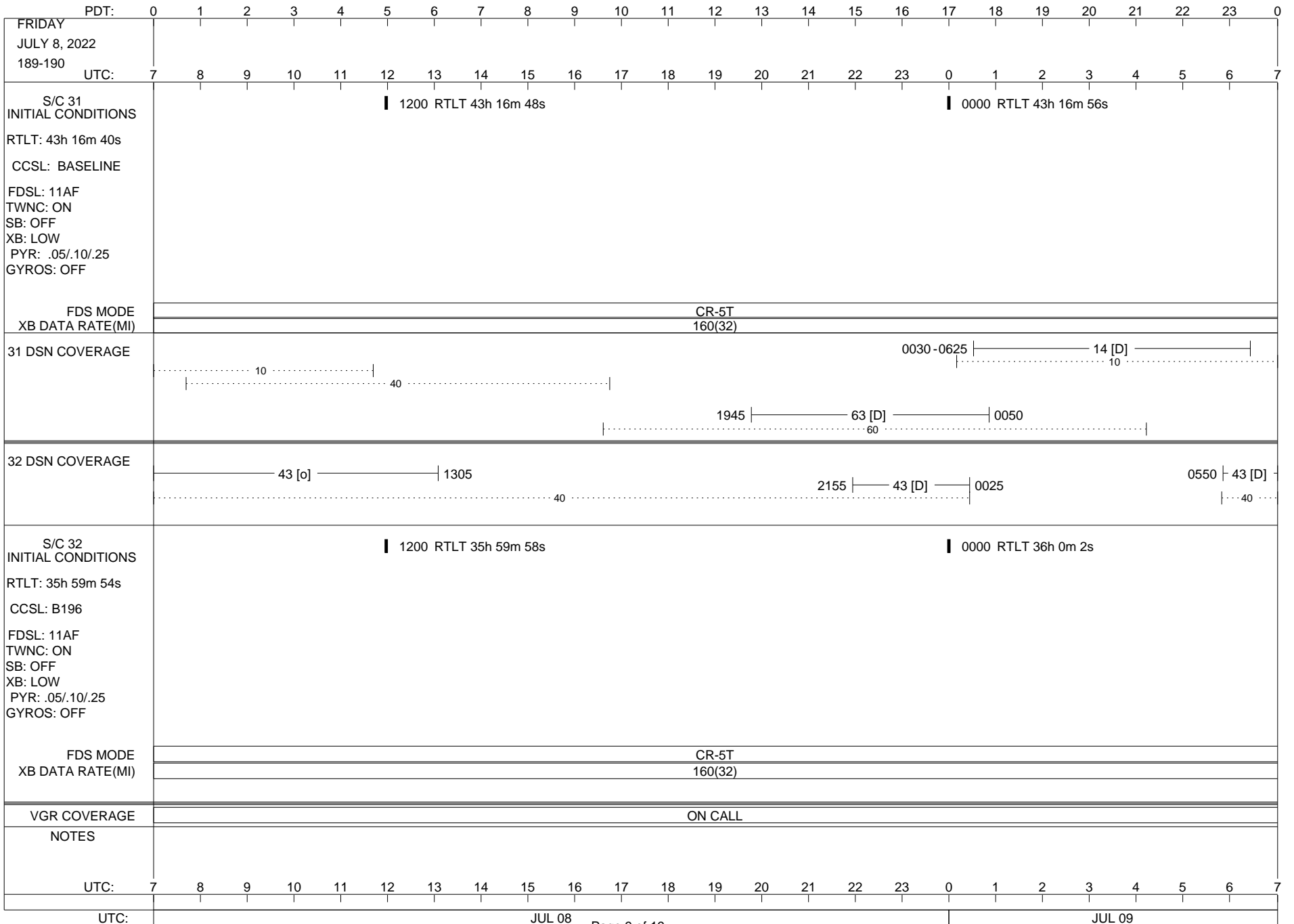




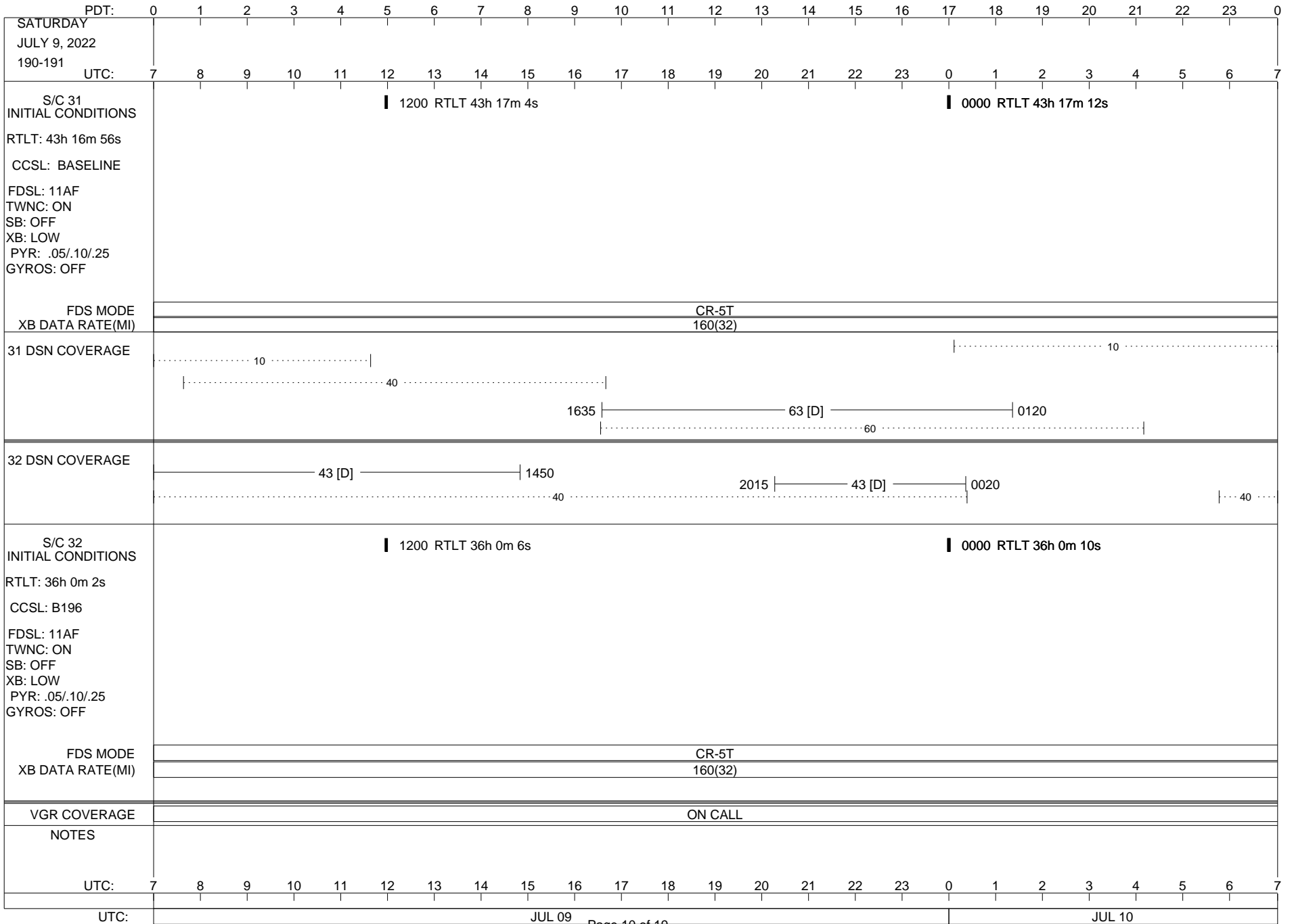
ISSUE DATE: 06/29/22 10:03



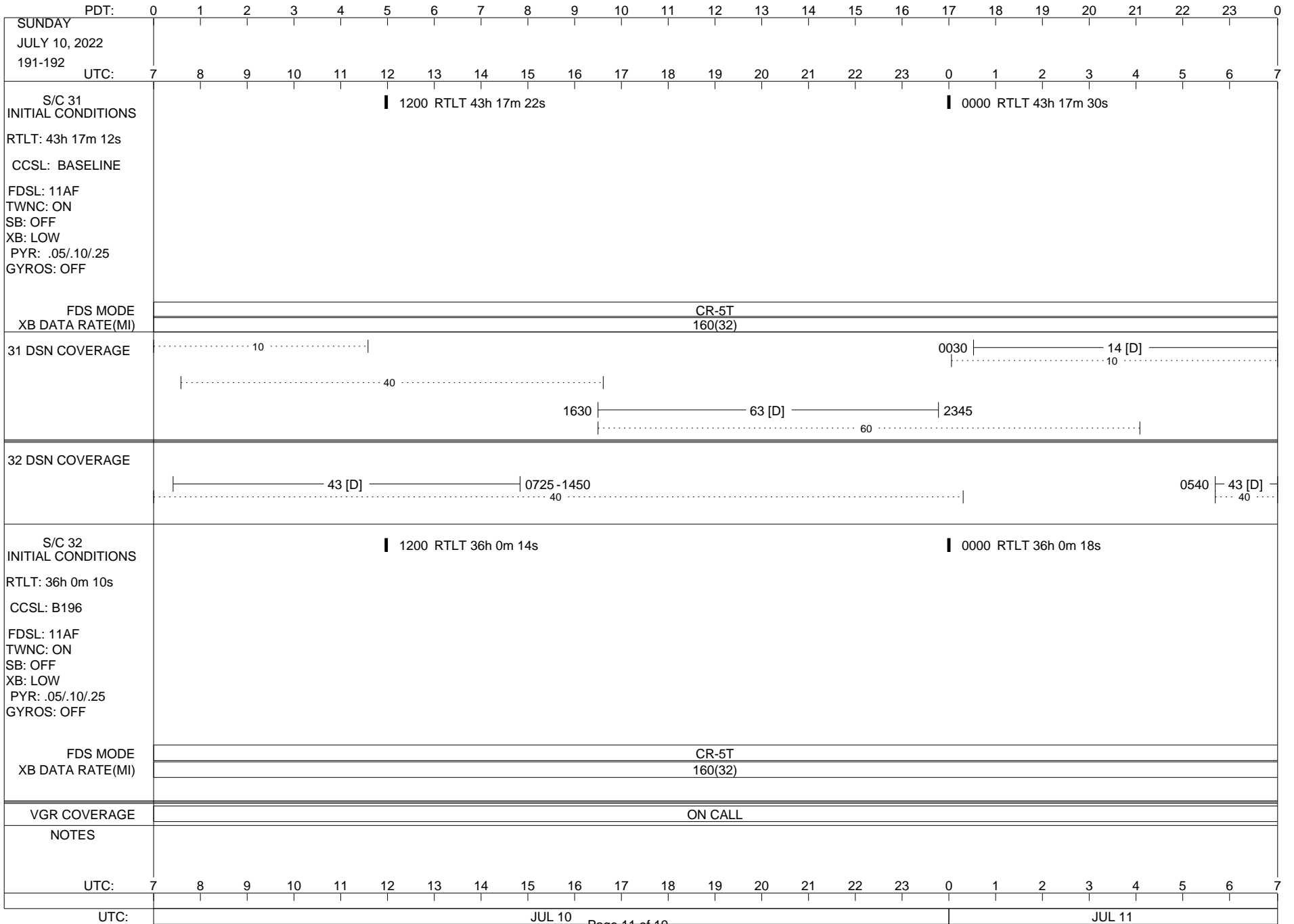
ISSUE DATE: 06/29/22 10:03



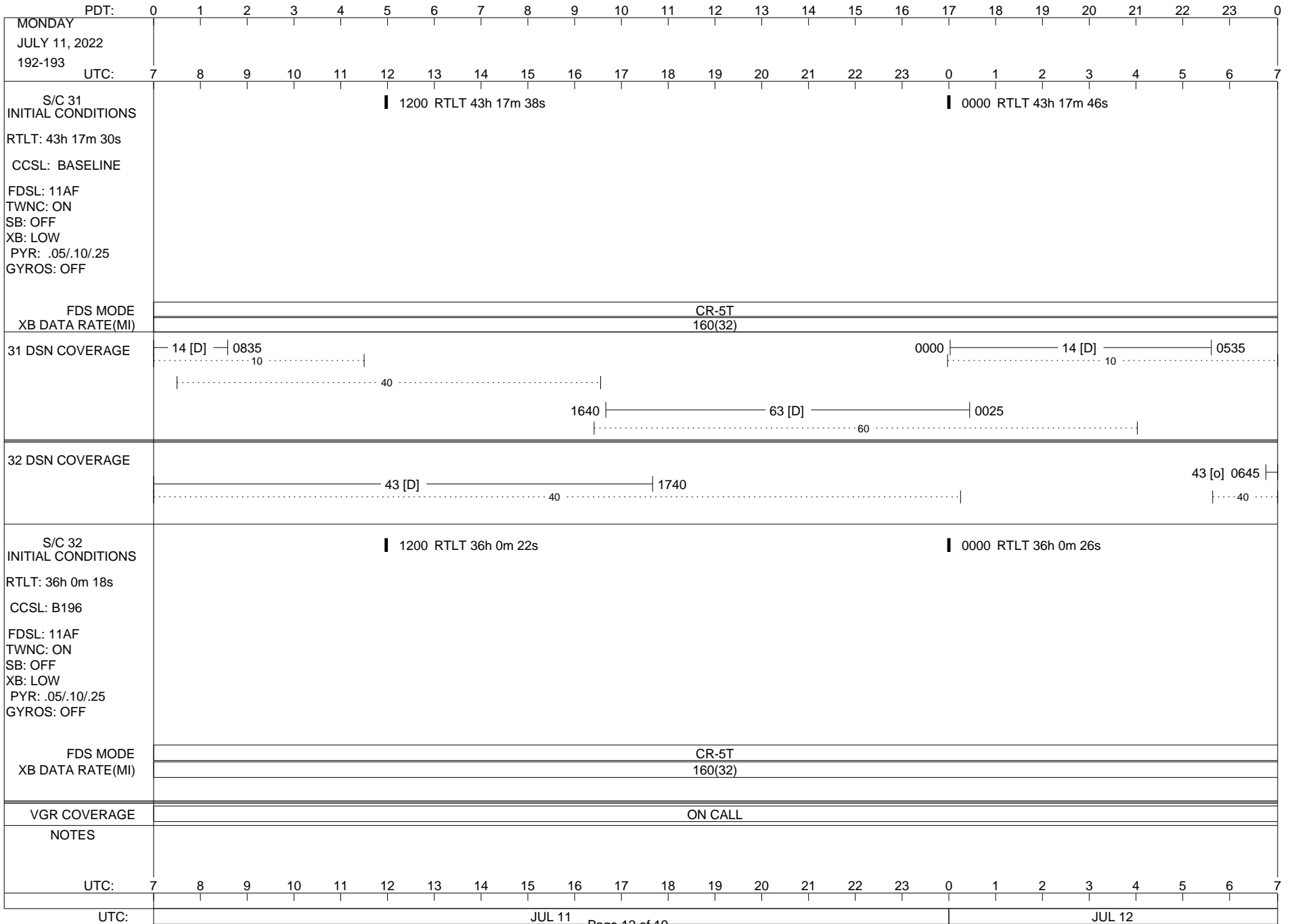
ISSUE DATE: 06/29/22 10:03



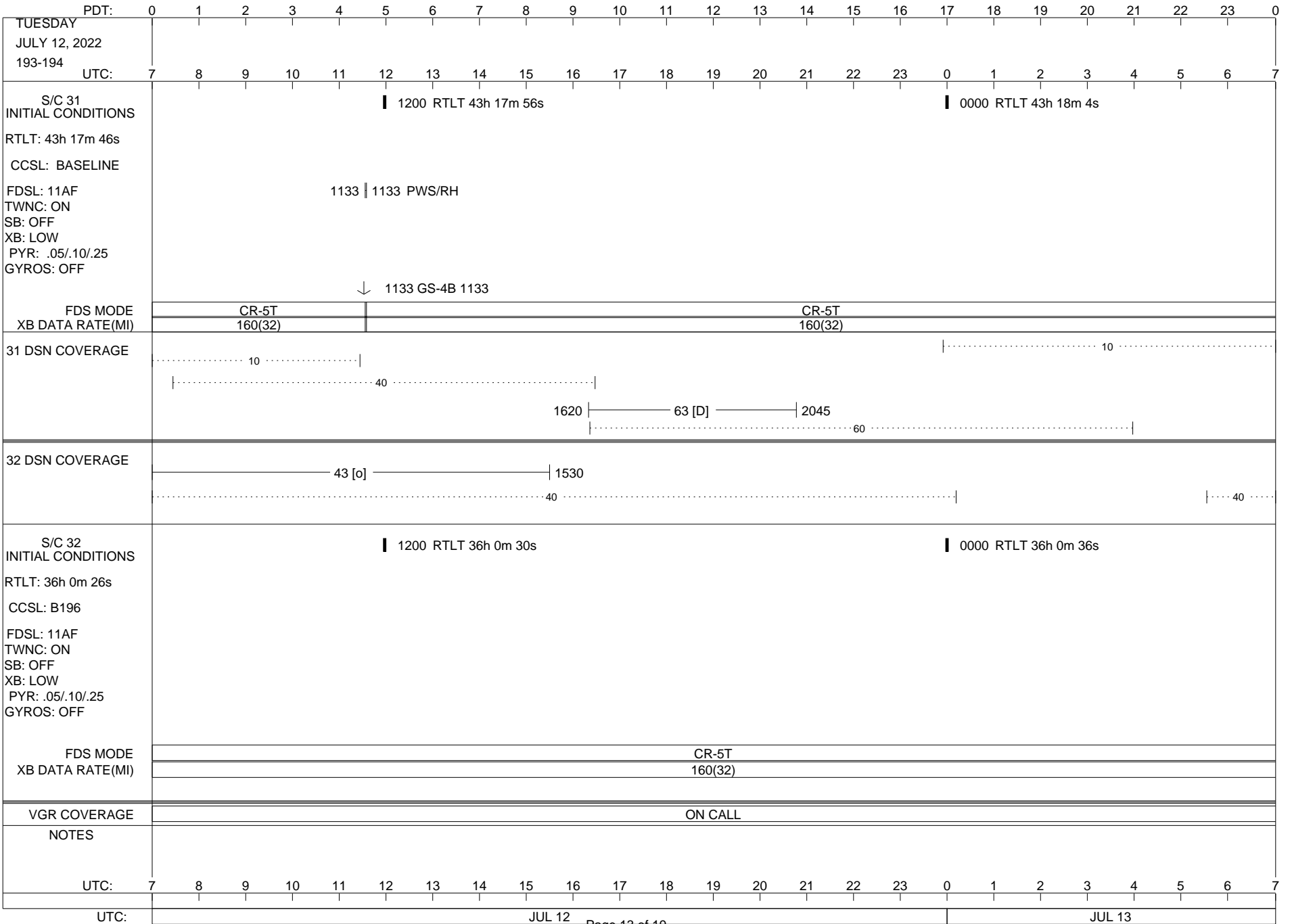
ISSUE DATE: 06/29/22 10:03



ISSUE DATE: 06/29/22 10:03



ISSUE DATE: 06/29/22 10:03



ISSUE DATE: 06/29/22 10:03

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 13, 2022  
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  
RTLTL: 43h 18m 4s  
CCSL: BASELINE  
FDSL: 11AF  
TWNC: ON  
SB: OFF  
XB: LOW  
PYR: .05/.10/.25  
GYROS: OFF

1200 RTLTL 43h 18m 14s

0000 RTLTL 43h 18m 22s

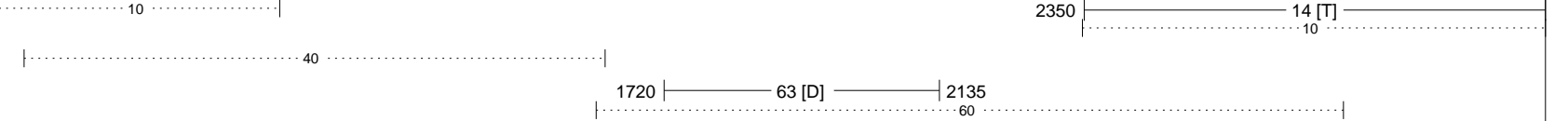
▼ 0050 CCS DIAG (20:08)

U/L 0115 | - | - - - - - TLC (SHORT-FORM) - - - - -

FDS MODE  
XB DATA RATE(MI)

CR-5T  
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32  
INITIAL CONDITIONS  
RTLTL: 36h 0m 36s  
CCSL: B196  
FDSL: 11AF  
TWNC: ON  
SB: OFF  
XB: LOW  
PYR: .05/.10/.25  
GYROS: OFF

1200 RTLTL 36h 0m 40s

0000 RTLTL 36h 0m 44s

▼ 2057 DUMMY (5 MIN BRACKETED 08:58)

FDS MODE  
XB DATA RATE(MI)

CR-5T  
160(32)

VGR COVERAGE

ON CALL 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: JUL 13 Page 14 of 19 JUL 14

ISSUE DATE: 06/29/22 10:03

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 14, 2022  
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: 43h 18m 22s  
CCSL: BASELINE  
FDSL: 11AF  
TWNC: ON  
SB: OFF  
XB: LOW  
PYR: .05/.10/.25  
GYROS: OFF

1200 RTLT 43h 18m 30s

0000 RTLT 43h 18m 40s

TLC (SHORT-FORM)

FDS MODE  
XB DATA RATE(MI)

CR-5T  
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32  
INITIAL CONDITIONS  
RTLTL: 36h 0m 44s  
CCSL: B196  
FDSL: 11AF  
TWNC: ON  
SB: OFF  
XB: LOW  
PYR: .05/.10/.25  
GYROS: OFF

1200 RTLT 36h 0m 48s

0000 RTLT 36h 0m 54s

FDS MODE  
XB DATA RATE(MI)

CR-5T  
160(32)

VGR COVERAGE

ON CALL

NOTES

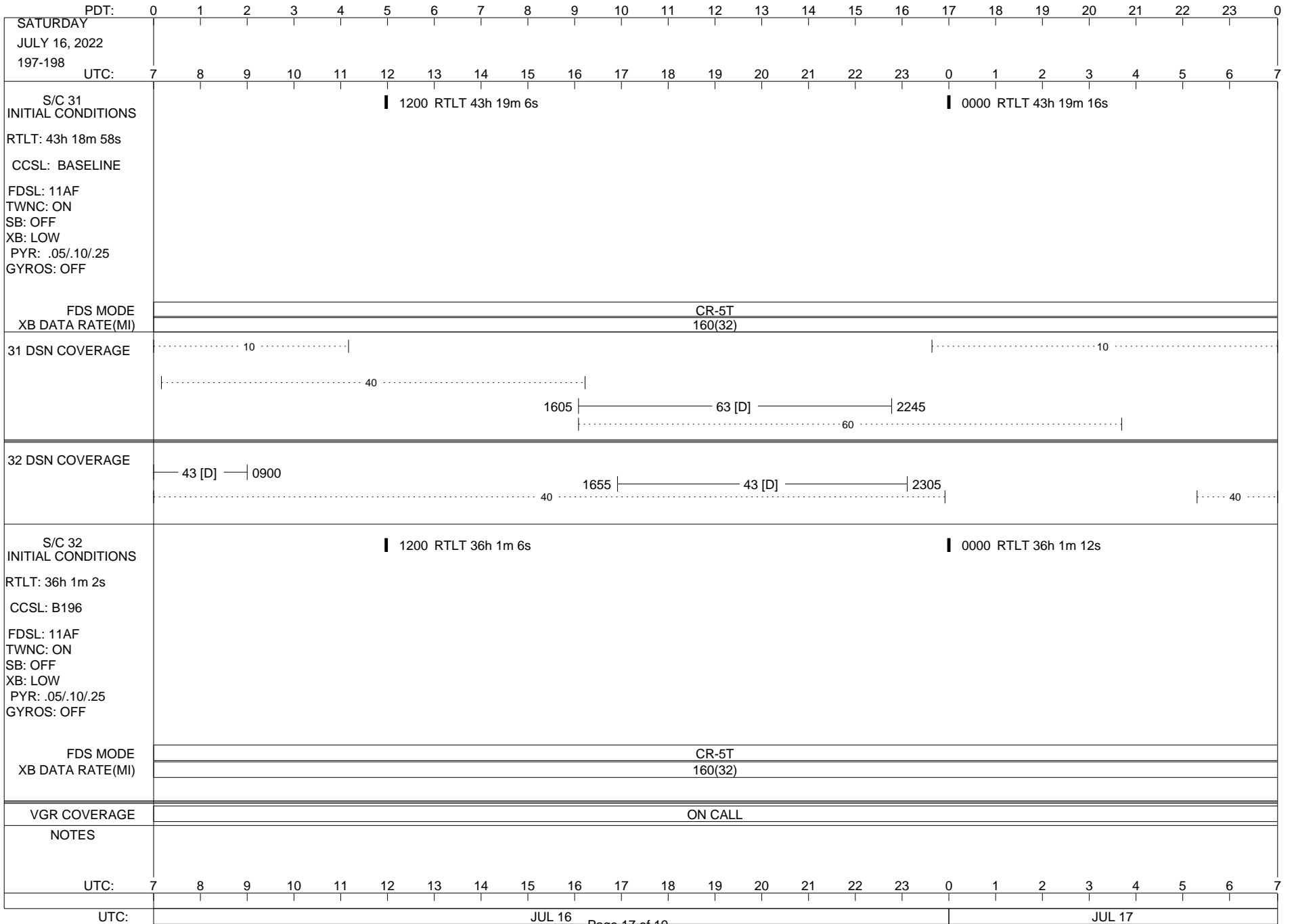
UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

UTC: JUL 14 Page 15 of 19 JUL 15



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 15, 2022 196-197	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
S/C 31 INITIAL CONDITIONS RTLTL: 43h 18m 40s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 43h 18m 48s												0000 RTLTL 43h 18m 58s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	..... 10 .....										..... 10 .....														
	..... 40 .....										..... 40 .....														
	1715  ----- 63 [D] -----  0230										----- 60 .....														
32 DSN COVERAGE	----- 43 [D] -----  0000										0520  ----- 43 [D] -----														
	----- 40 .....										----- 40 .....														
S/C 32 INITIAL CONDITIONS RTLTL: 36h 0m 54s CCSL: B196 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 36h 0m 58s												0000 RTLTL 36h 1m 2s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL																								
NOTES	2150     2206 SHUNT POWER TEST																								
	↓ 2150 CR-5T 2206																								
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												

ISSUE DATE: 06/29/22 10:03



ISSUE DATE: 06/29/22 10:03

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 17, 2022 198-199	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: 43h 19m 16s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 43h 19m 26s												0000 RTLT 43h 19m 34s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	10 .....												0030  ----- 14 [D] -----  ----- 10 -----												
	40 .....												1605  ----- 63 [D] -----  0015  ----- 60 -----												
32 DSN COVERAGE	1215  ----- 43 [D] -----  2035												0510  ----- 43 [D] -----  ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLTL: 36h 1m 12s CCSL: B196 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 1m 16s												0000 RTLT 36h 1m 22s												
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 17												JUL 18												

ISSUE DATE: 06/29/22 10:03

