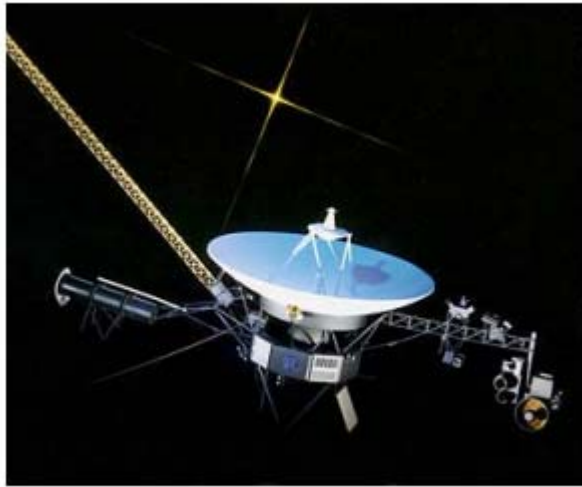


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: June 24, 2020

For the Period: 06/25/20 to 07/13/20 (20/177 – 20/195)



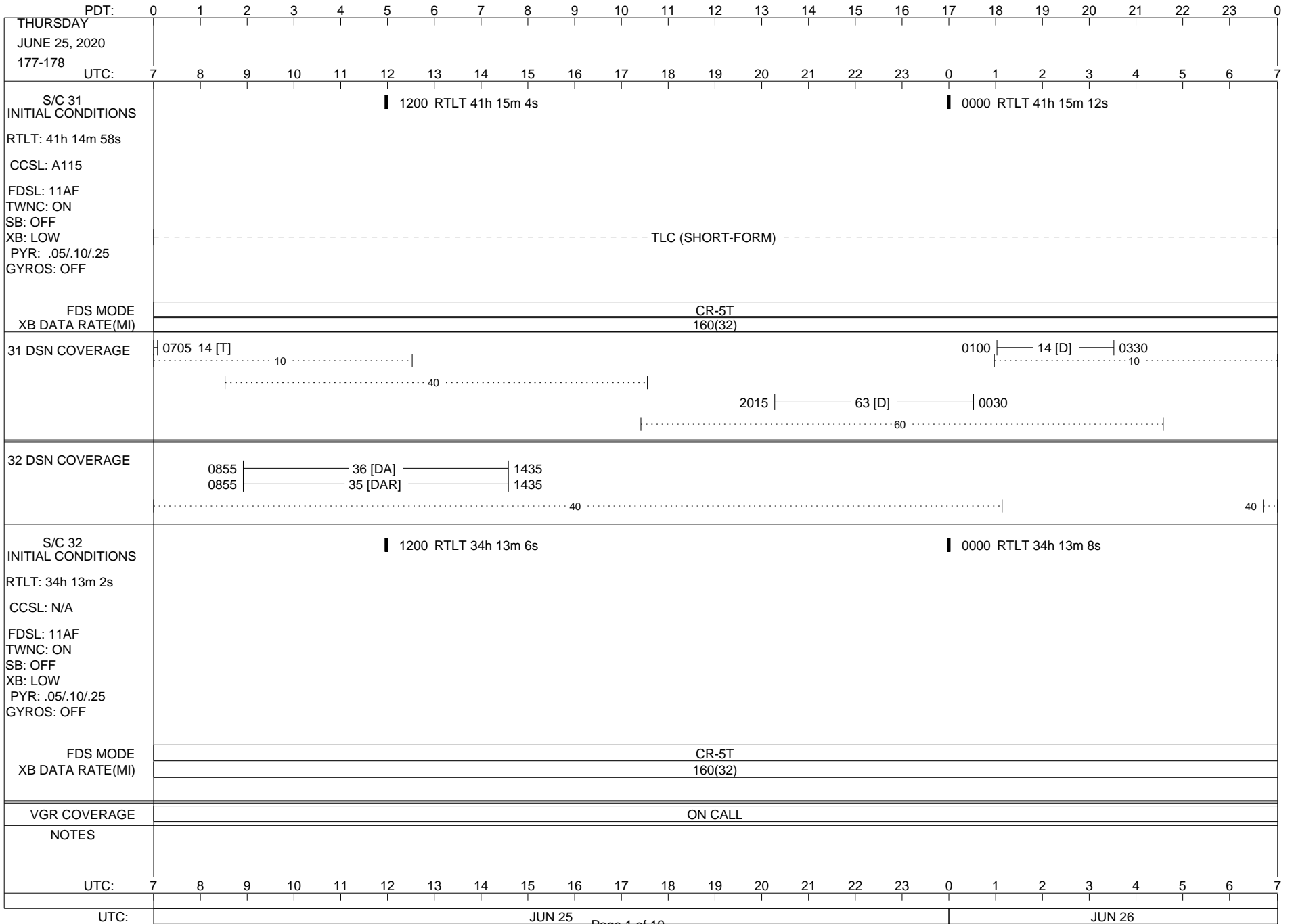
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

LEGEND:

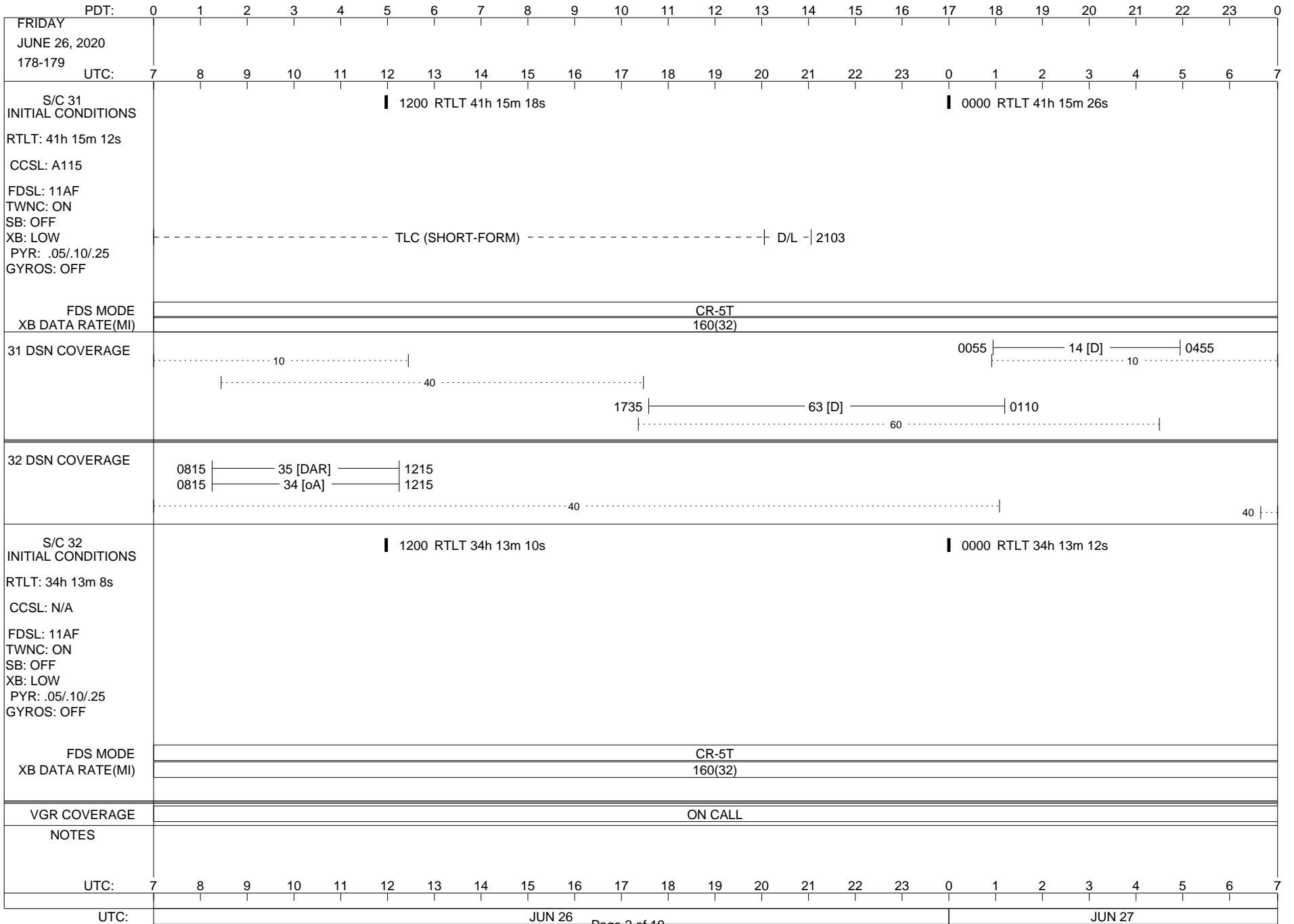
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- * = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U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

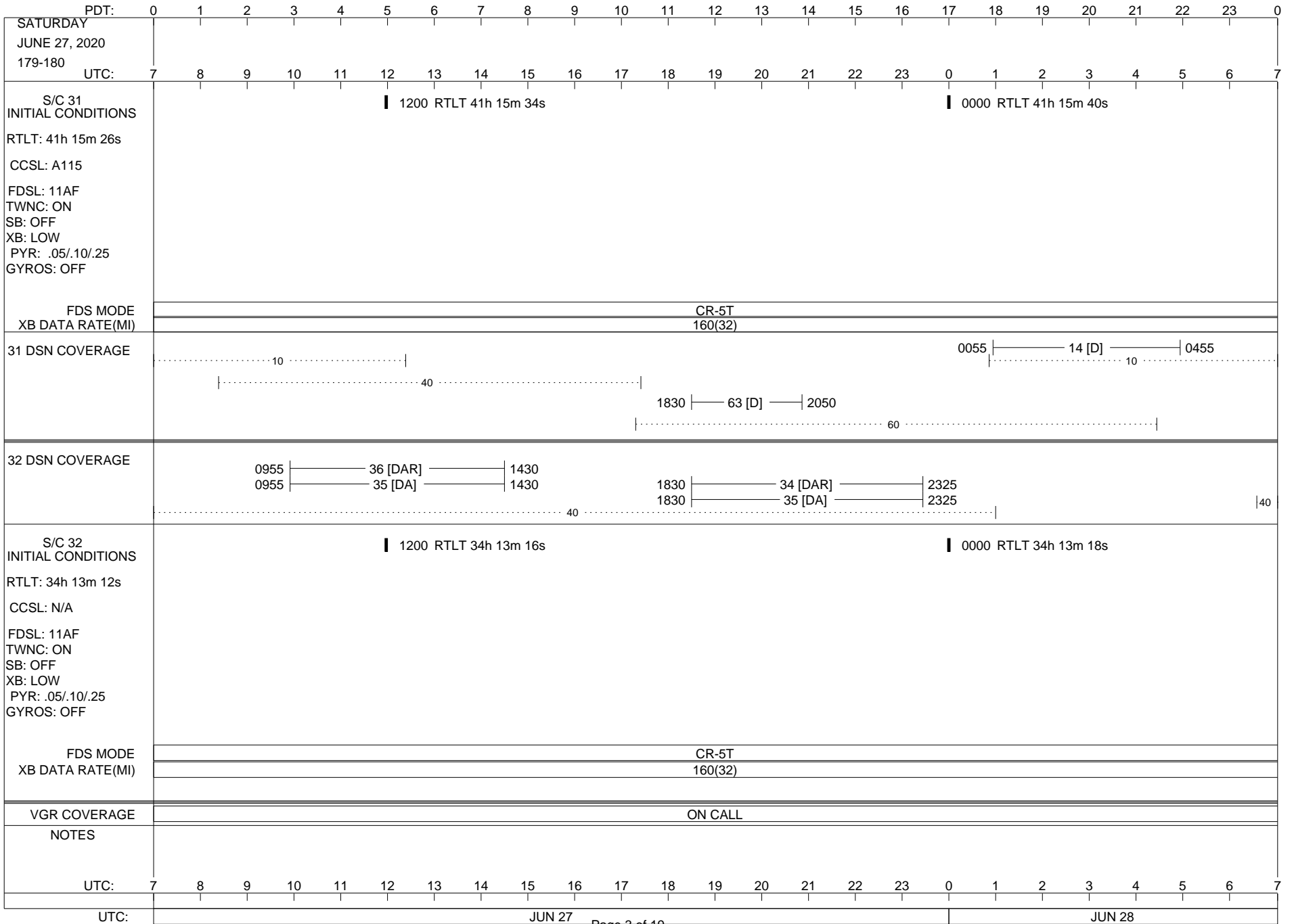
02/27/19

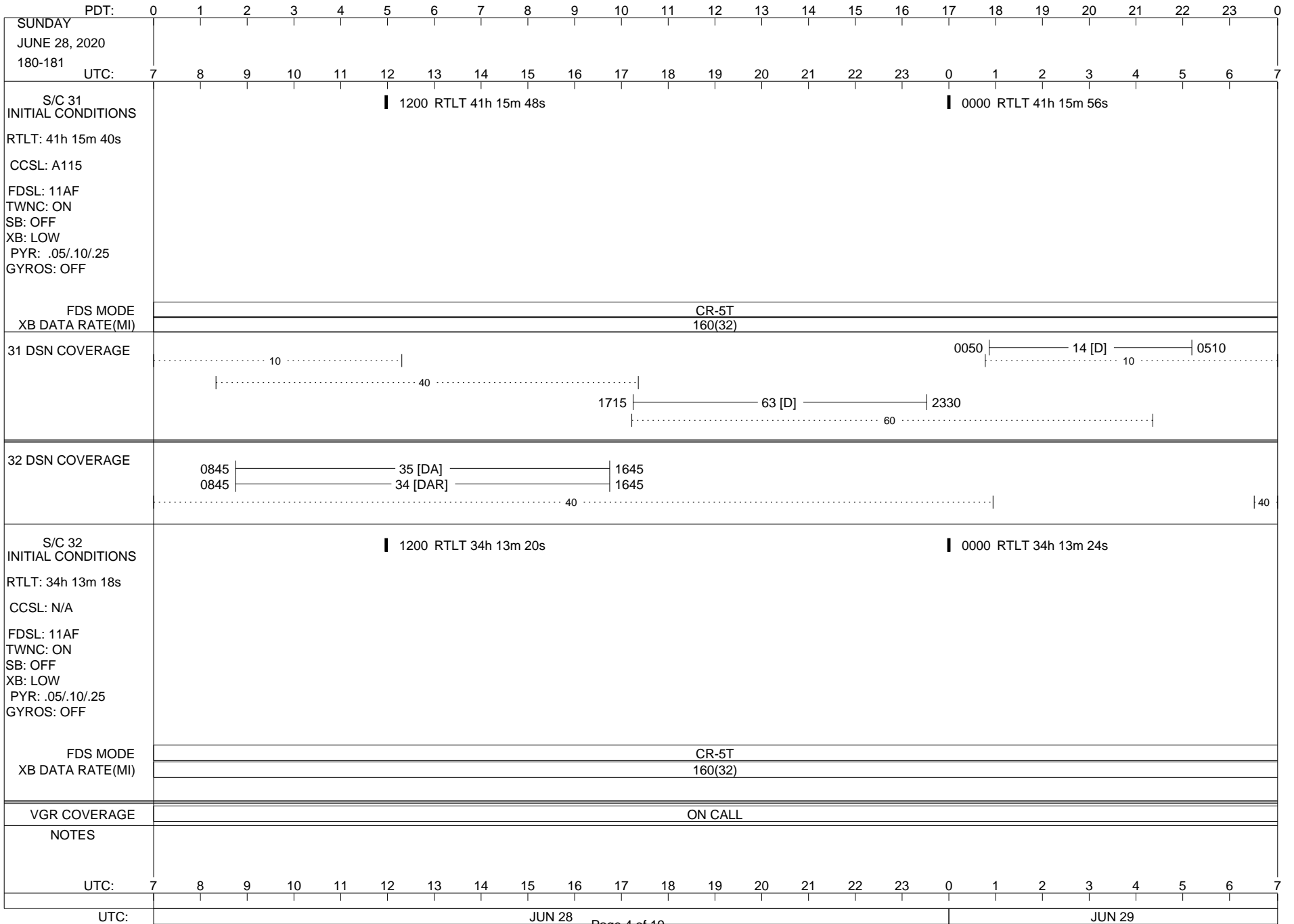
ISSUE DATE: 06/19/20 14:44

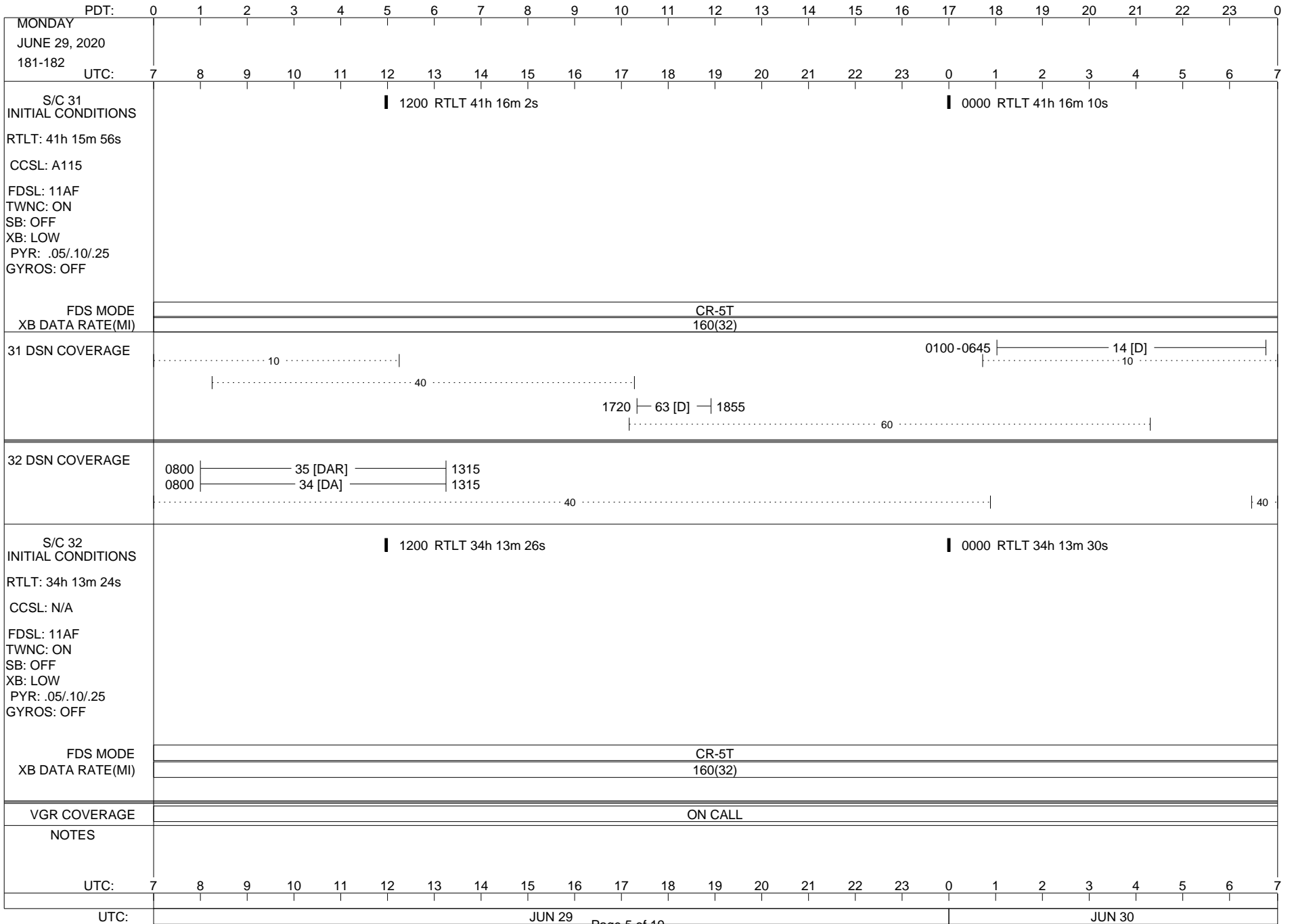


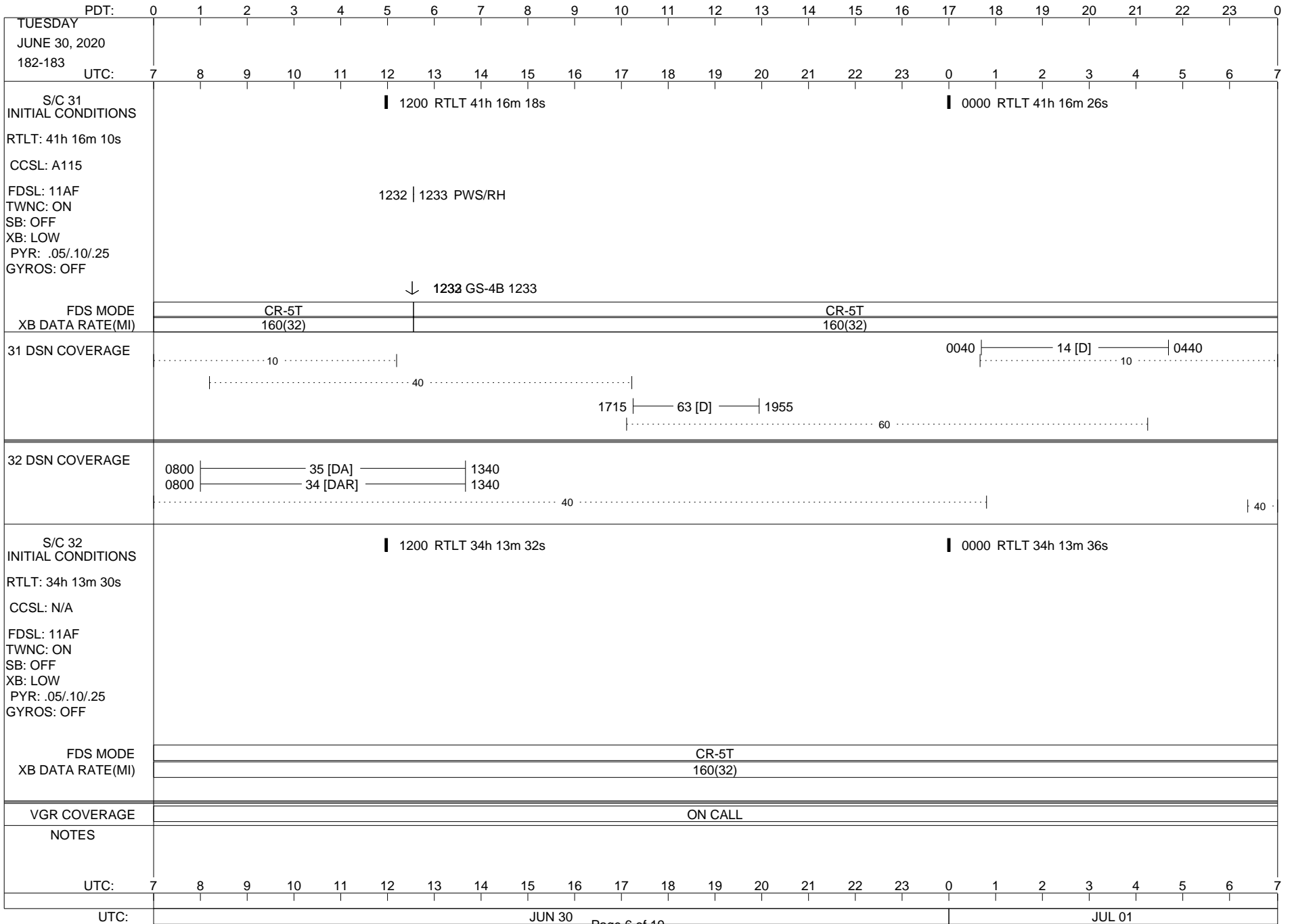
ISSUE DATE: 06/19/20 14:44







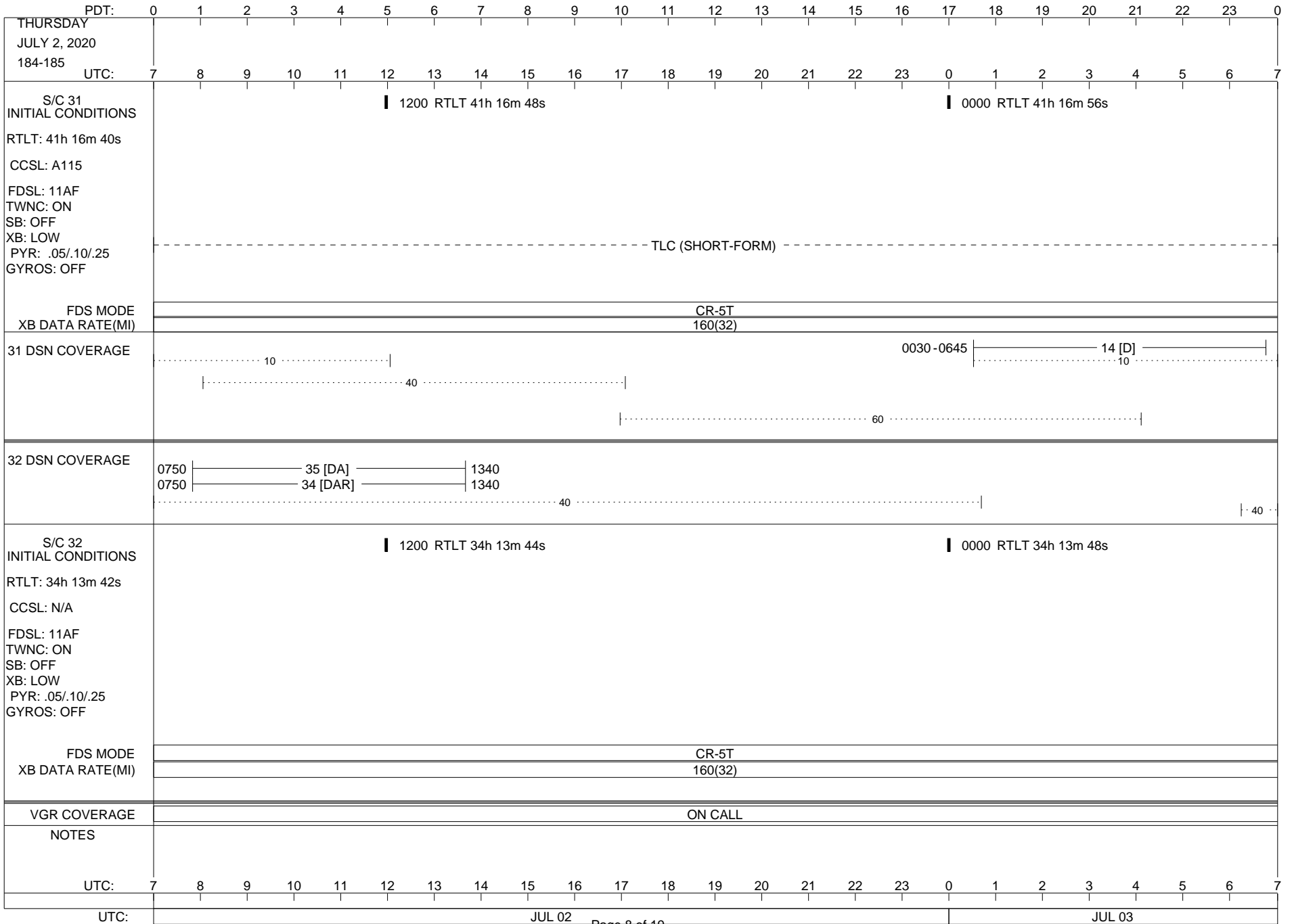




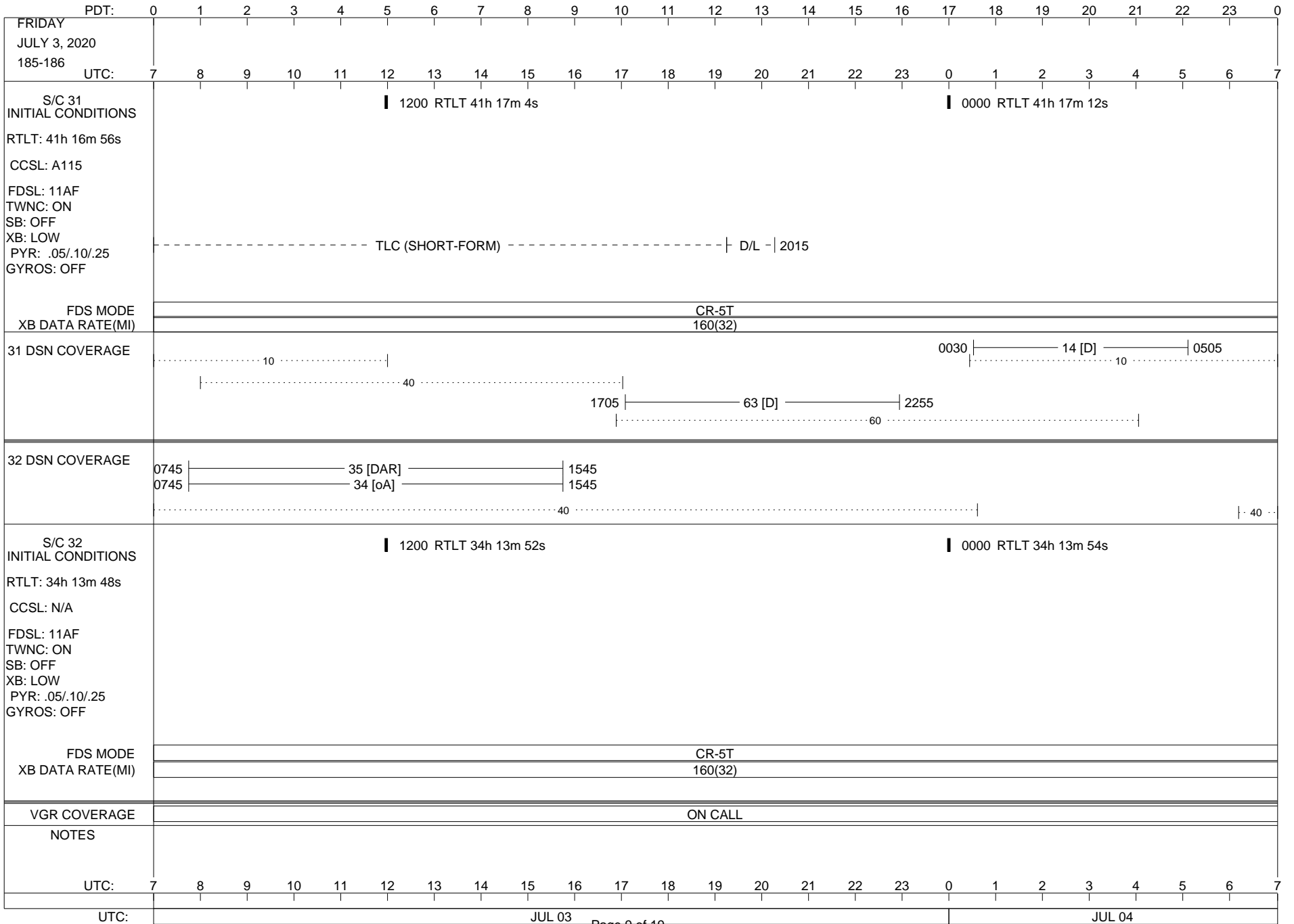
ISSUE DATE: 06/19/20 14:44

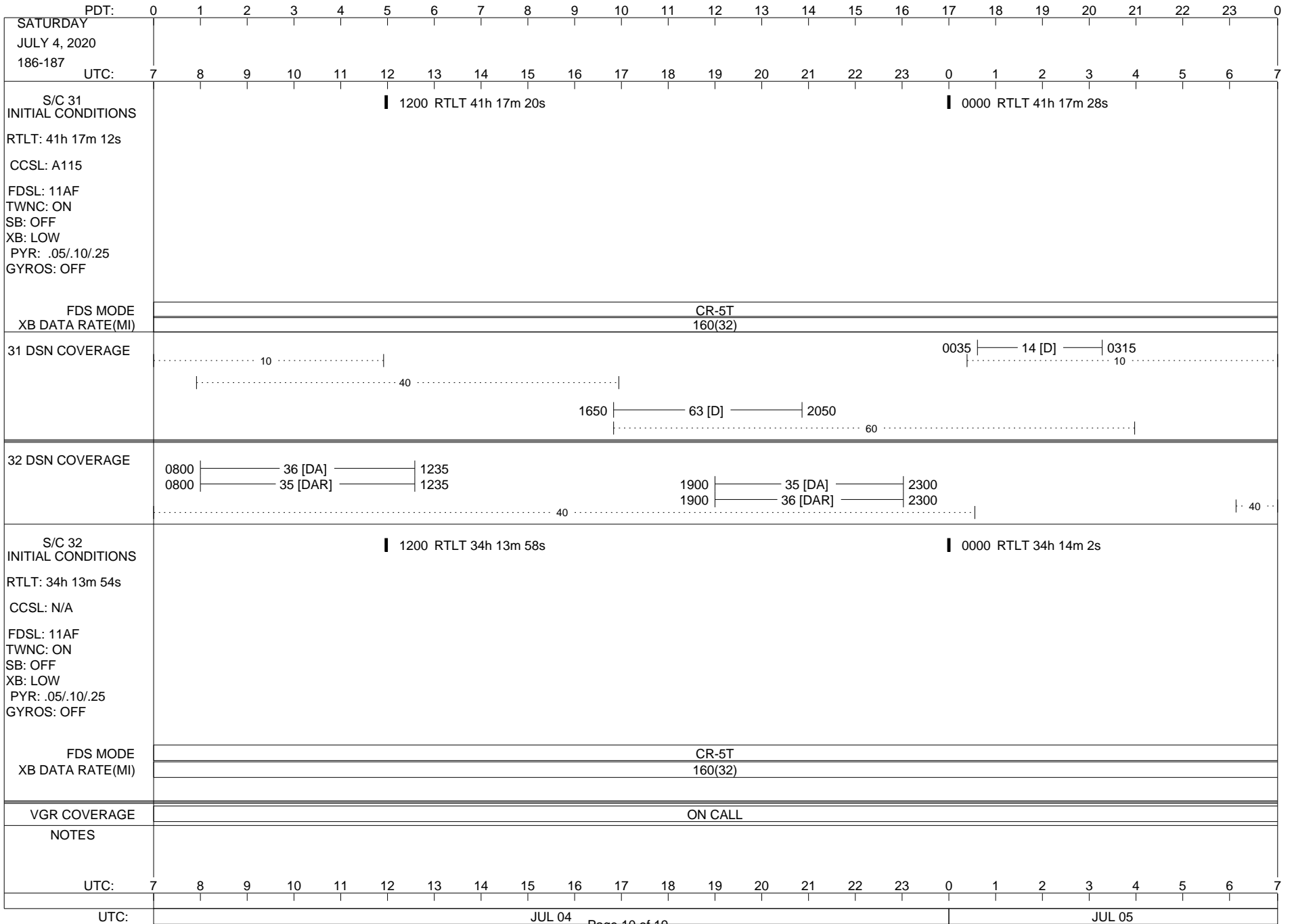
| PDT: | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 |
|--|-----------------------------------|---|---|----|----|----|----|----|----|----|----|----|---|----|----|----|----|----|---------|----|----|----|----|----|---|
| WEDNESDAY JULY 1, 2020 183-184 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 41h 16m 26s CCSL: A115 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | █ 1200 RTLTL 41h 16m 32s | | | | | | | | | | | | █ 0000 RTLTL 41h 16m 40s | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | ▼ 0105 DUMMY (18:22) | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | U/L 0130 - - - - - TLC (SHORT-FORM) - - - - | | | | | | | | | | | | |
| 31 DSN COVERAGE | 10 | | | | | | | | | | | | 0035-0645 ----- 14 [T] ----- | | | | | | | | | | | | |
| | ----- 40 ----- | | | | | | | | | | | | ----- 10 ----- | | | | | | | | | | | | |
| | 1705 ----- 63 [D] ----- 2030 | | | | | | | | | | | | ----- 60 ----- | | | | | | | | | | | | |
| 32 DSN COVERAGE | 0800 ----- 36 [DA] ----- 1340 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0800 ----- 34 [DAR] ----- 1340 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 40 ----- | | | | | | | | | | | | 40 .. | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 34h 13m 36s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | █ 1200 RTLTL 34h 13m 38s | | | | | | | | | | | | █ 0000 RTLTL 34h 13m 42s | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 01 | | | | | | | | | | | | Page 7 of 19 | | | | | | JUL 02 | | | | | | |

ISSUE DATE: 06/19/20 14:44

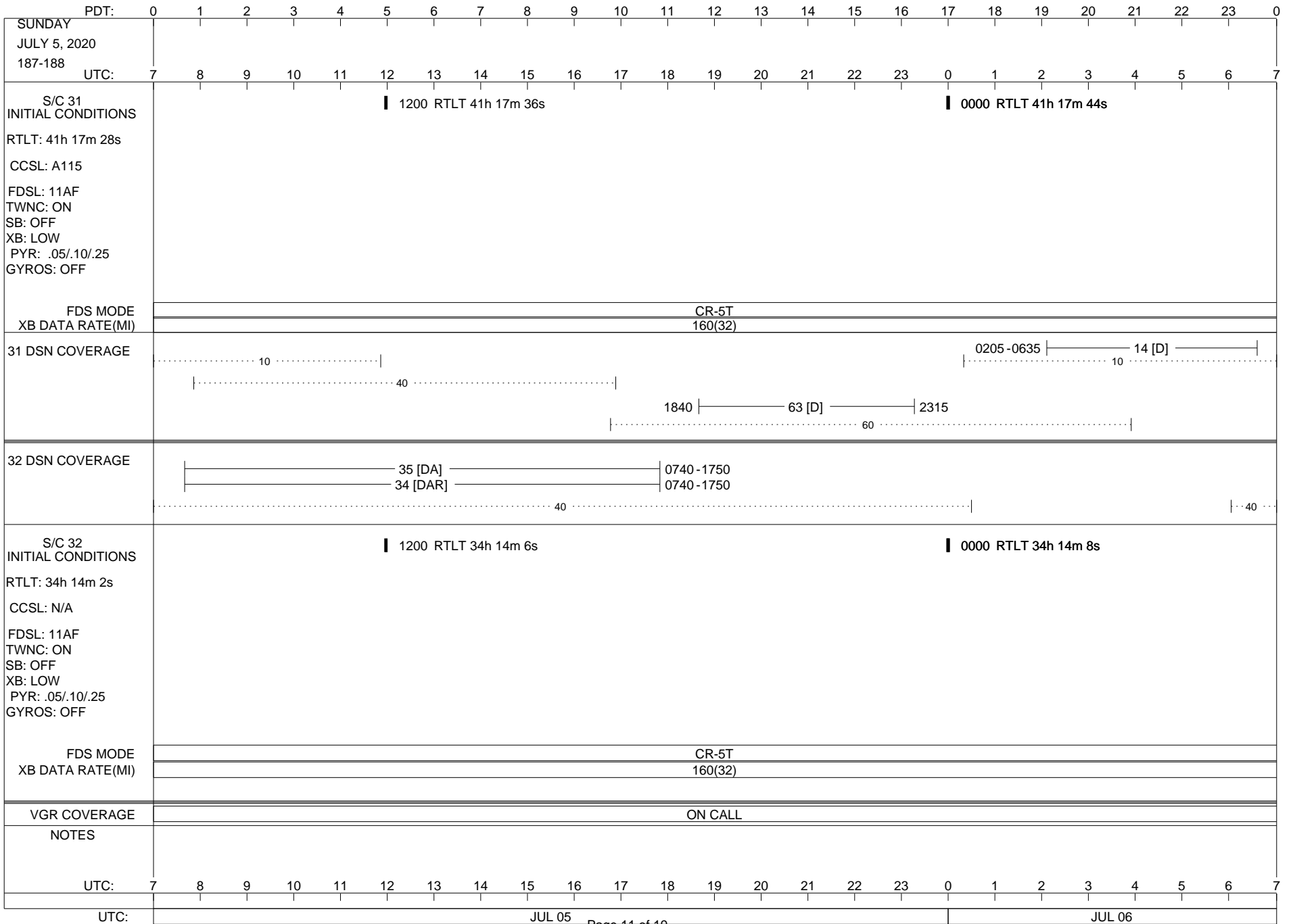


ISSUE DATE: 06/19/20 14:44

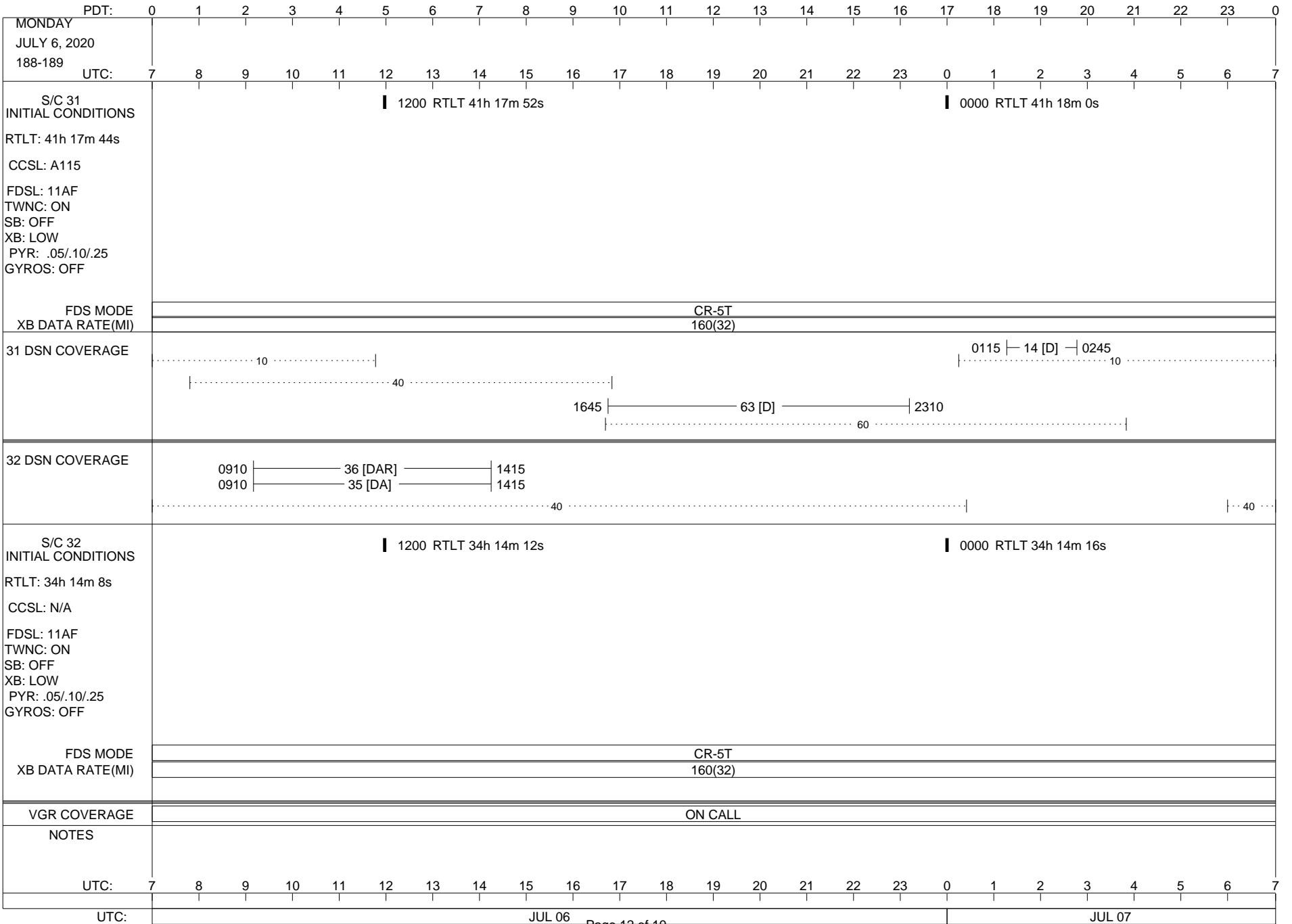


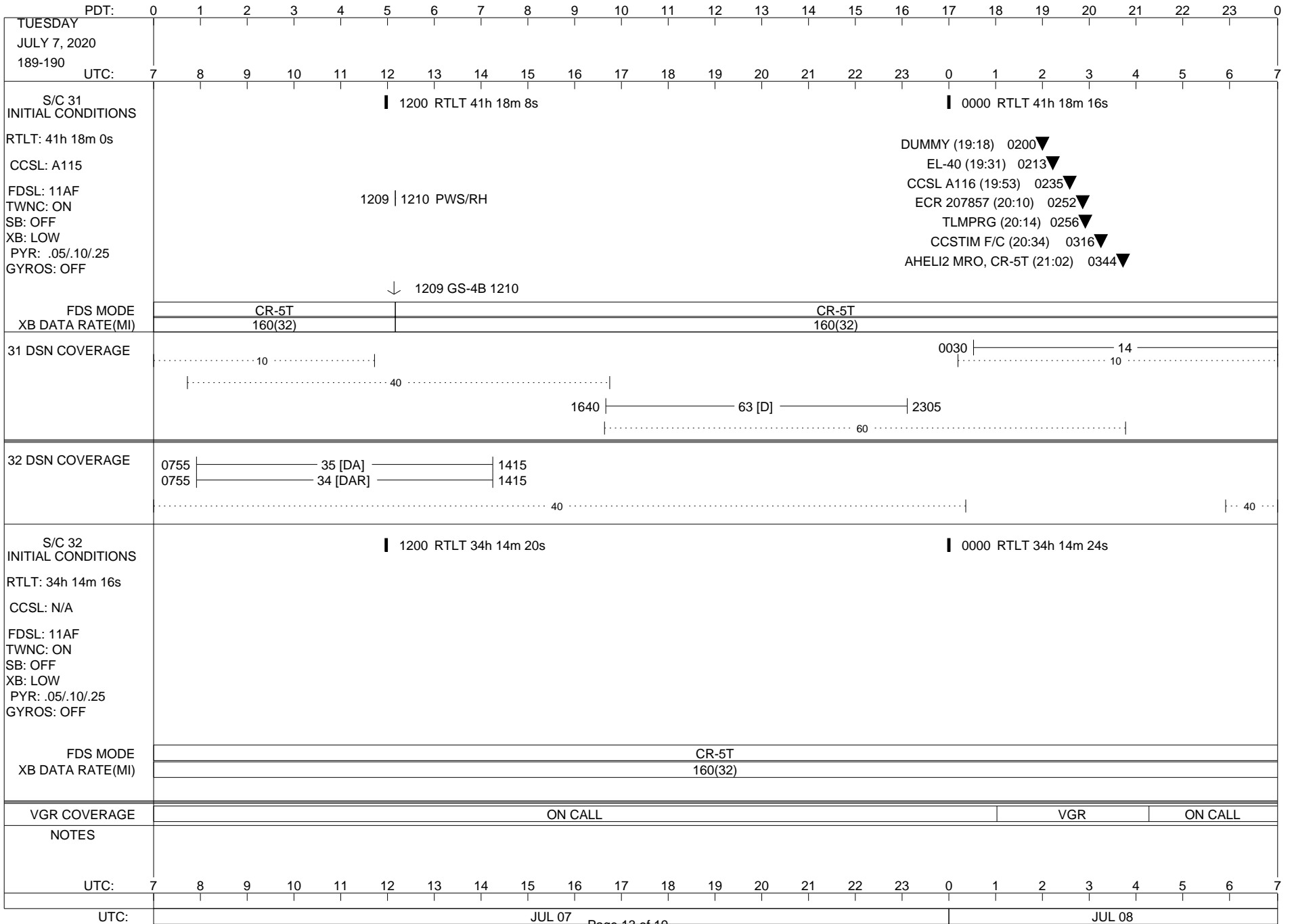


ISSUE DATE: 06/19/20 14:44



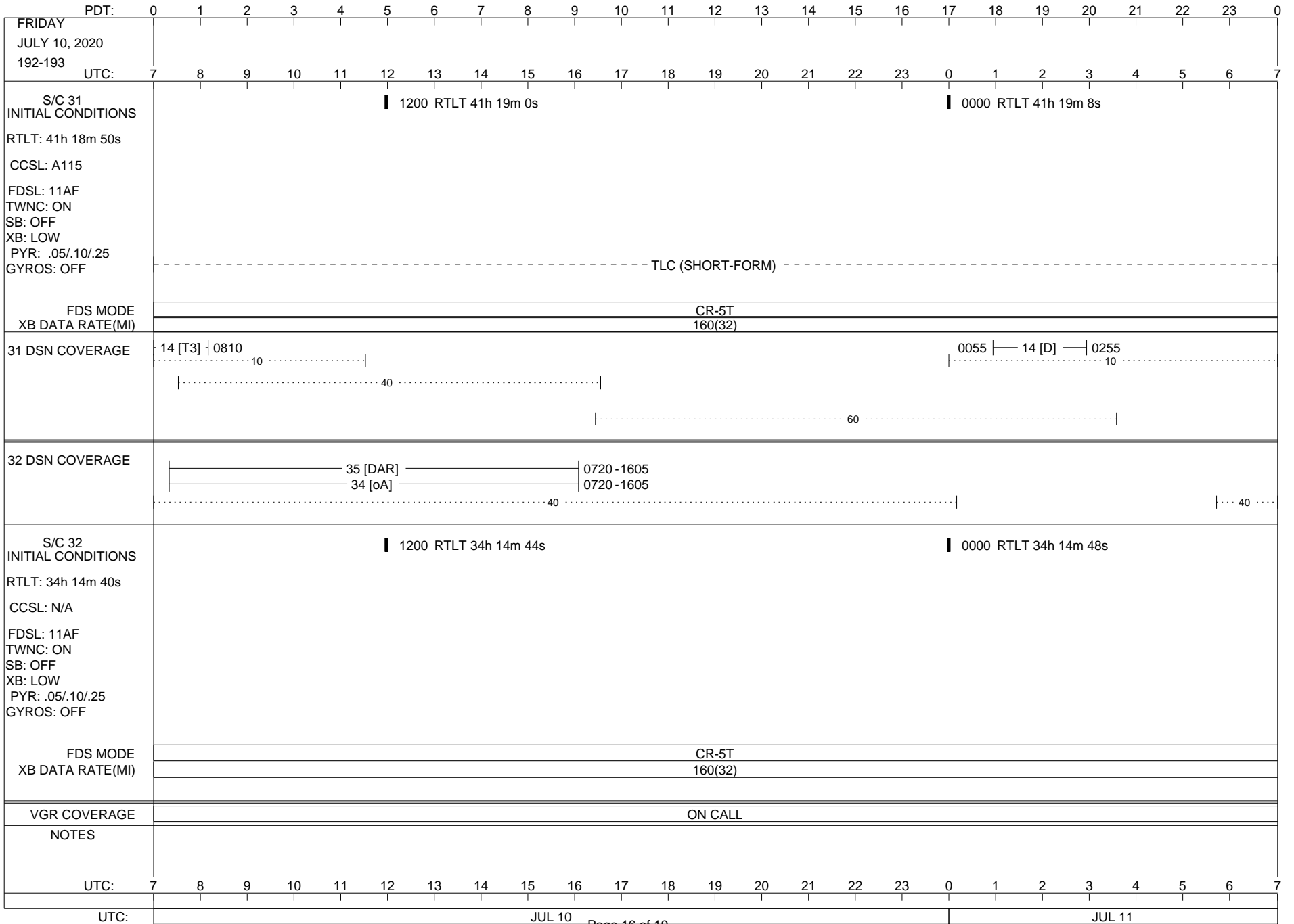
ISSUE DATE: 06/19/20 14:44





| 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 9, 2020 191-192 | 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: 41h 18m 34s CCSL: A115 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLT 41h 18m 42s | | | | | | | | | | | | 0000 RTLT 41h 18m 50s | | | | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | EL-40 | | CR-5T | | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | 40(30) | | 160(32) | | | | | | | | | | | | | |
| 31 DSN COVERAGE | 10 | | | | | | | | | | 0005 | | | | | | | | | | 14 [T3] | | | | | | | |
| | 40 | | | | | | | | | | 1815 | | | | | | | | | | 63 [D] | | | | 2300 | | | |
| | | | | | | | | | | | 60 | | | | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | 35 [DAR] | | | | | | | | | | 0720-1320 | | | | | | | | | | | | | | | | | |
| | 34 [DA] | | | | | | | | | | 0720-1320 | | | | | | | | | | | | | | | | | |
| | 40 | | | | | | | | | | | | | | | | | | | | 40 | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 34h 14m 32s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLT 34h 14m 36s | | | | | | | | | | | | 0000 RTLT 34h 14m 40s | | | | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VGR COVERAGE | ON CALL | | | | | | | | | | | | VGR | | ON CALL | | | | | | | | | | | | | |
| NOTES | [1] S/C 31=EL-40 @ 1932 XB=40(30) [2] S/C 31=CR-5T @ 2107 XB=160(32) [3] A116 BACKUP U/L SUPPORT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 09 | | | | | | | | | | | | | | JUL 10 | | | | | | | | | | | | | |

ISSUE DATE: 06/19/20 14:44



ISSUE DATE: 06/19/20 14:44

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 11, 2020
193-194
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: 41h 19m 8s
CCSL: A115
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 41h 19m 16s

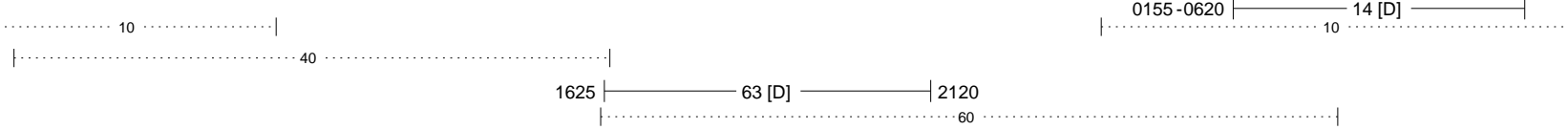
0000 RTLT 41h 19m 26s

----- TLC (SHORT-FORM) ----- + D/L -| 1956

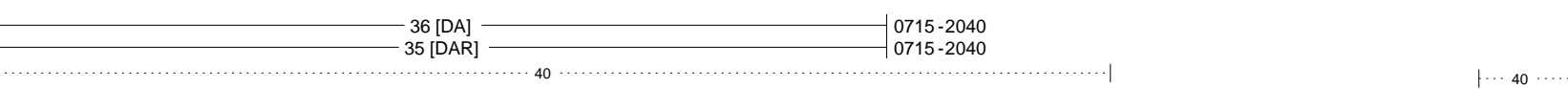
FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS
RTLTL: 34h 14m 48s
CCSL: N/A
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 34h 14m 52s

0000 RTLT 34h 14m 56s

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

VGR COVERAGE

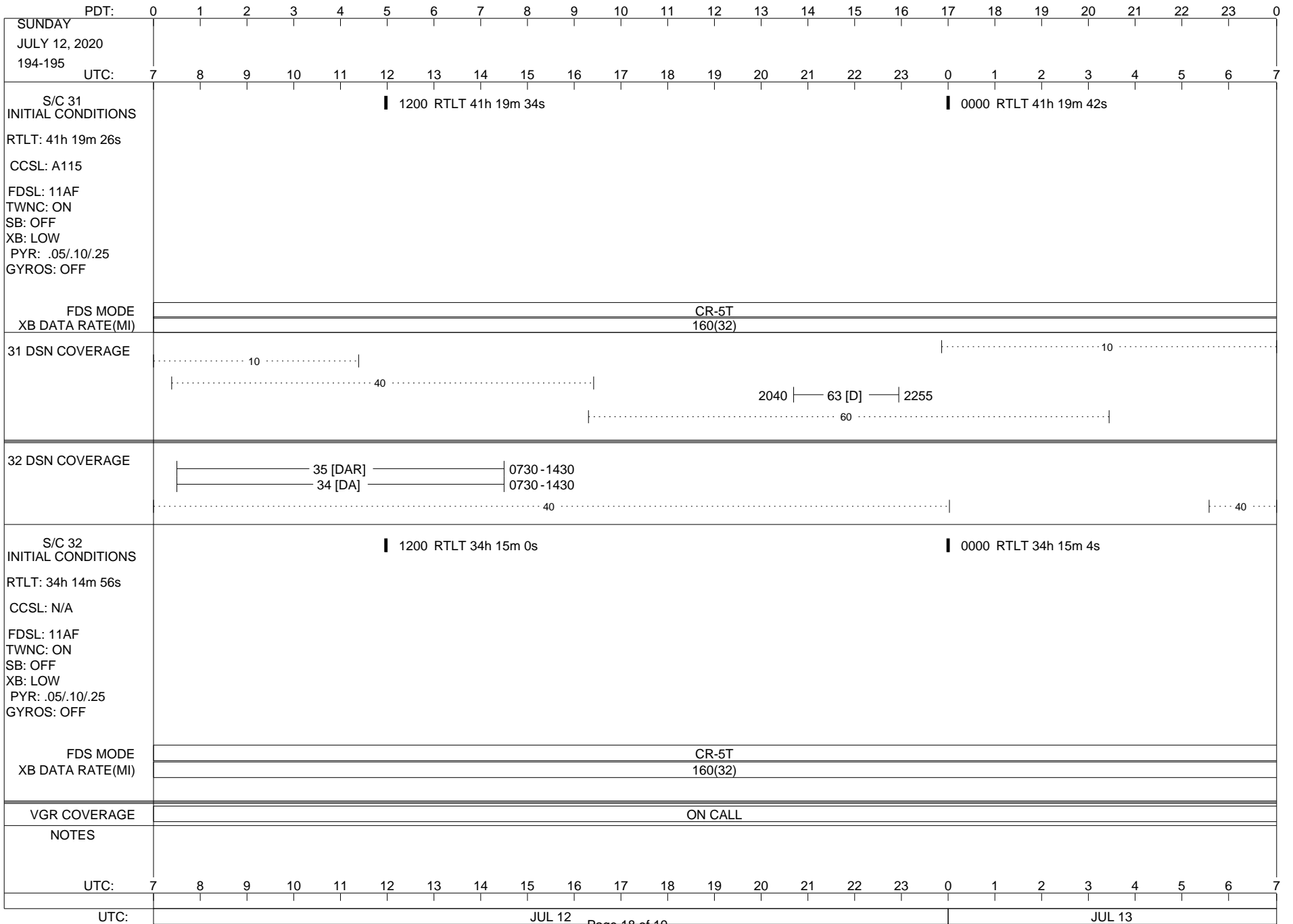
ON CALL

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 11 Page 17 of 19 JUL 12

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