

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: June 1, 2022

For the Period: 06/02/22 to 06/20/22 (22/153 – 22/171)

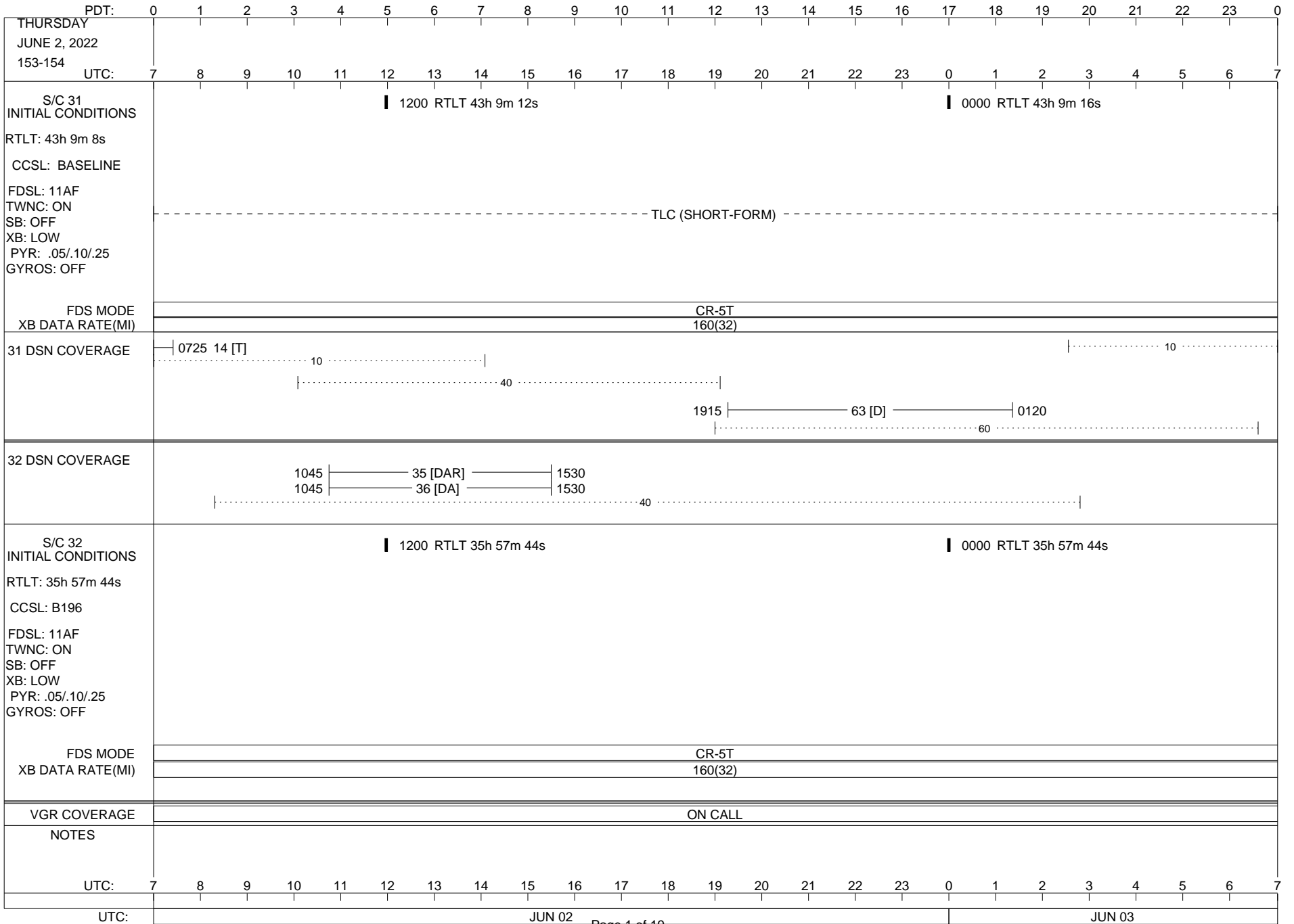


Posted at <https://voyager.jpl.nasa.gov/mission/status/>

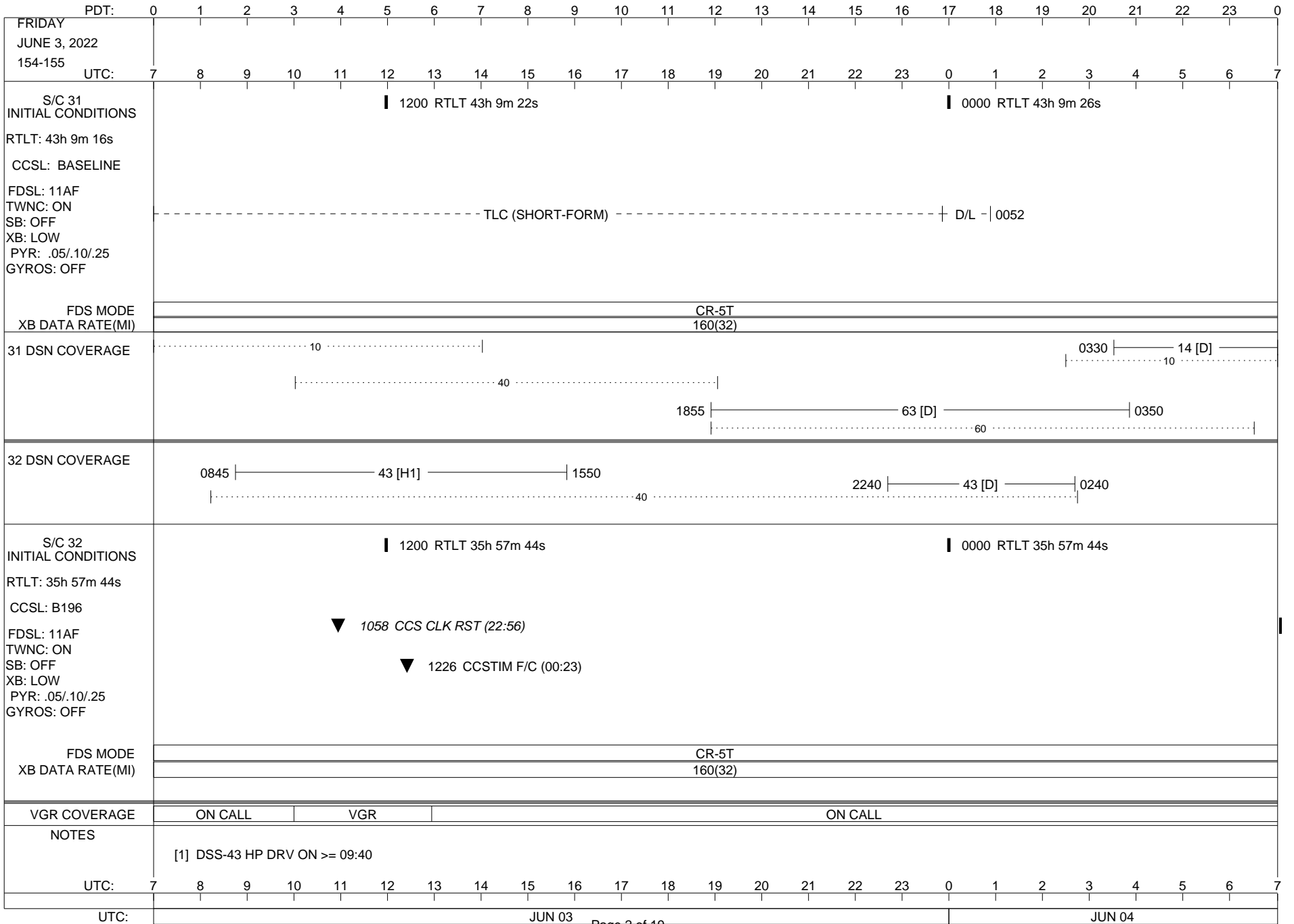
**LEGEND:**

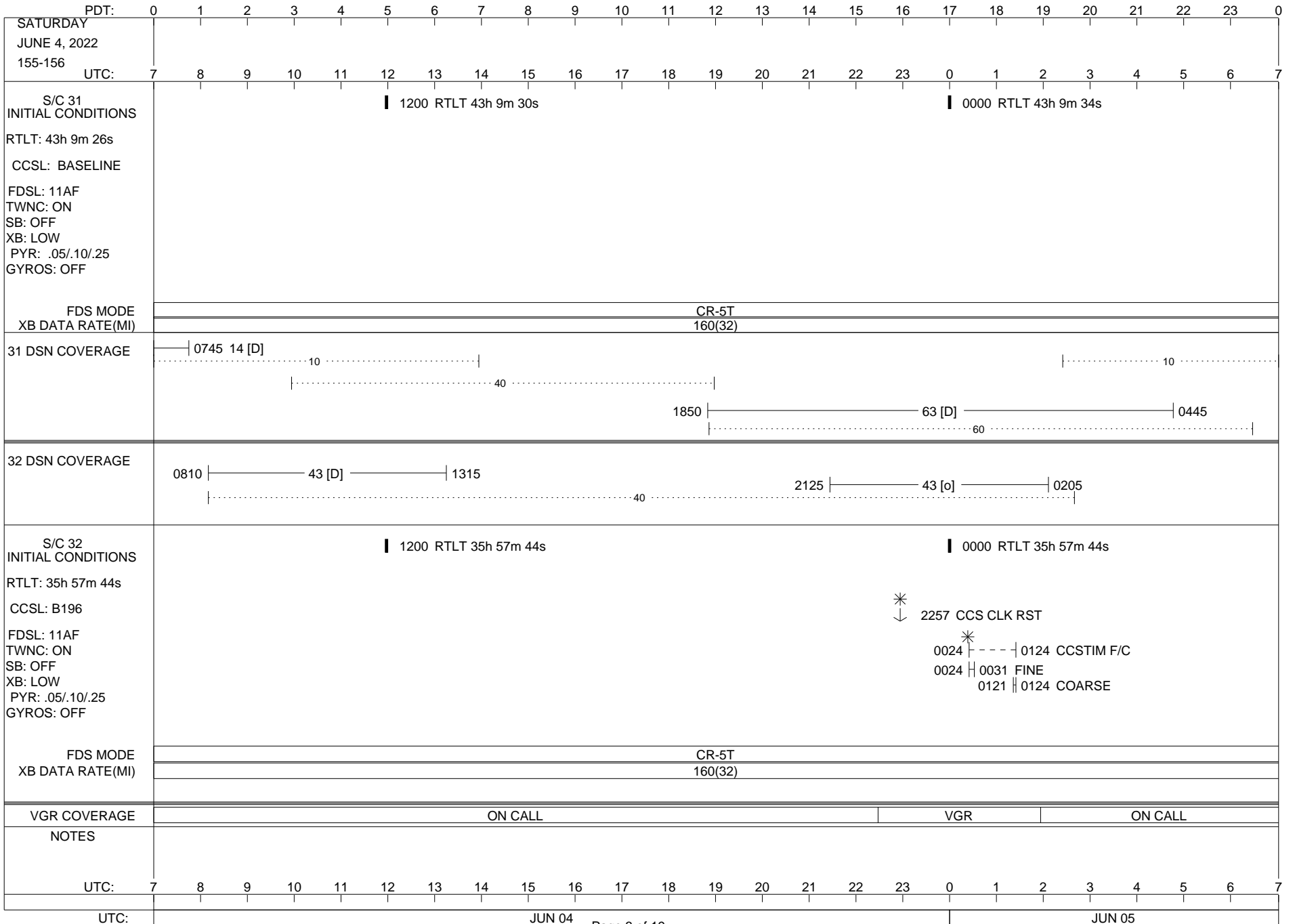
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- \* = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
-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

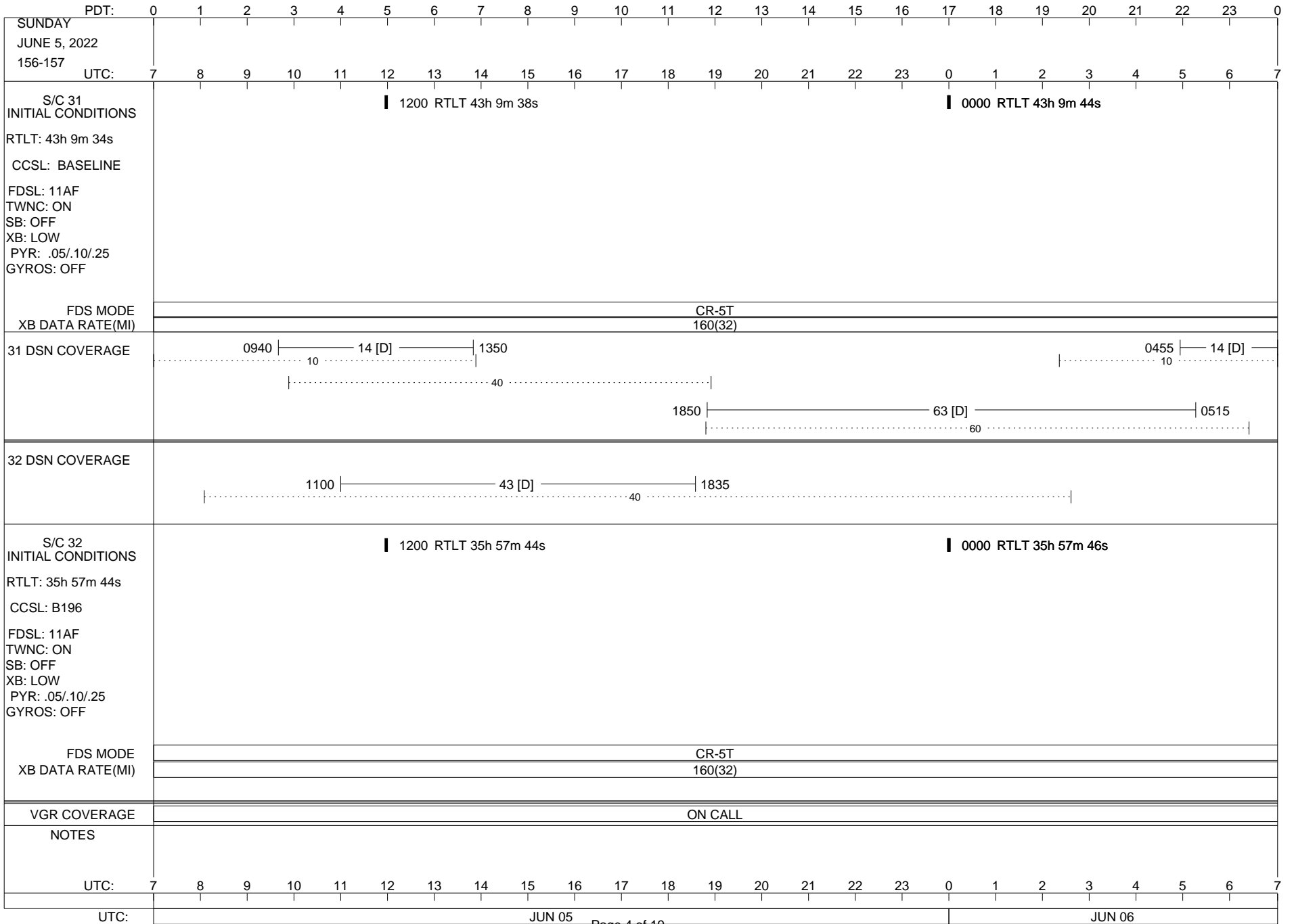
02/27/19



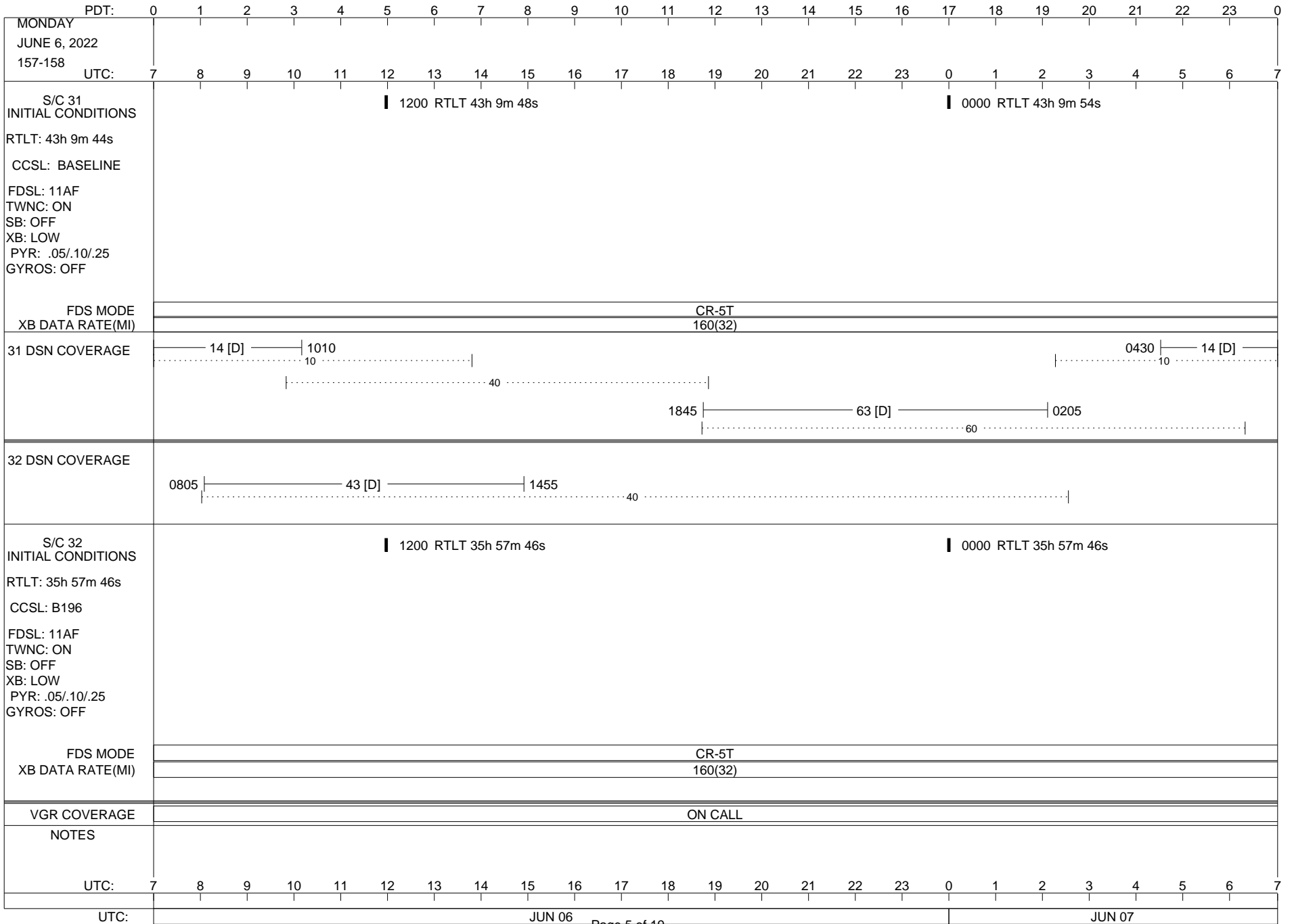
ISSUE DATE: 06/02/22 15:07



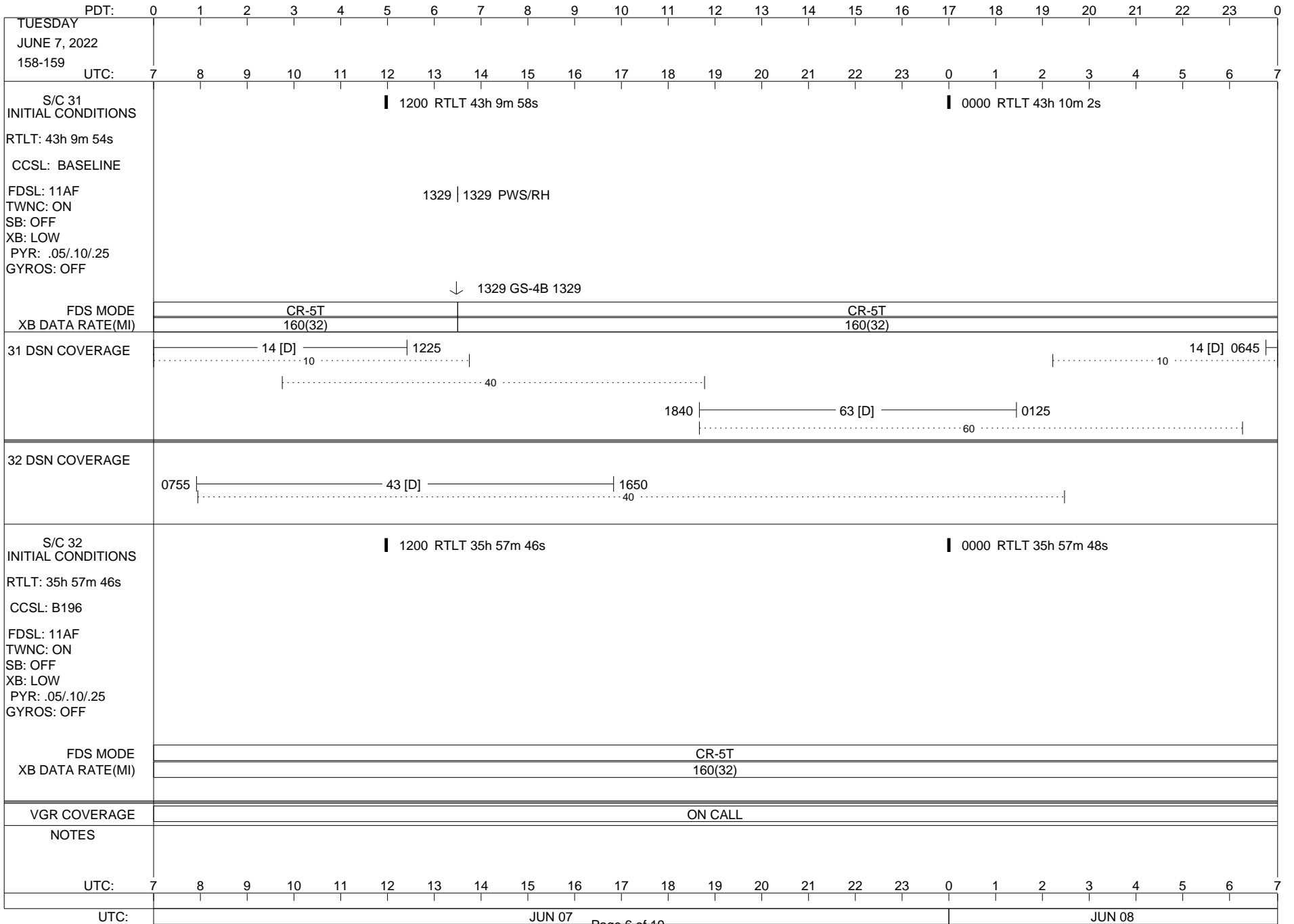




ISSUE DATE: 06/02/22 15:07



ISSUE DATE: 06/02/22 15:07



ISSUE DATE: 06/02/22 15:07

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  
JUNE 8, 2022  
159-160

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 10m 2s  
CCSL: BASELINE  
FDSL: 11AF  
TWNC: ON  
SB: OFF  
XB: LOW  
PYR: .05/.10/.25  
GYROS: OFF

1200 RTLT 43h 10m 8s

0000 RTLT 43h 10m 12s

↓ 0237 Y SSB

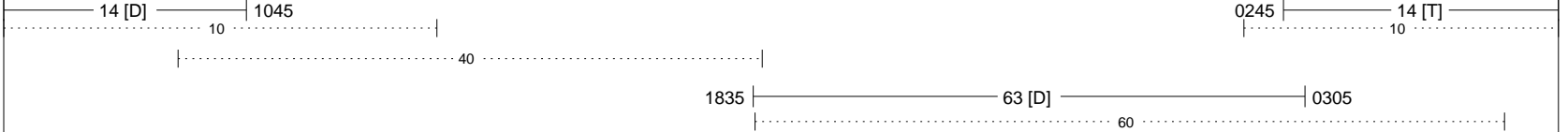
CCS MEMUPD & MRO (00:00) 0450▼

U/L 0515 | - |  
TLC (SHORT-FORM) | - - - - -

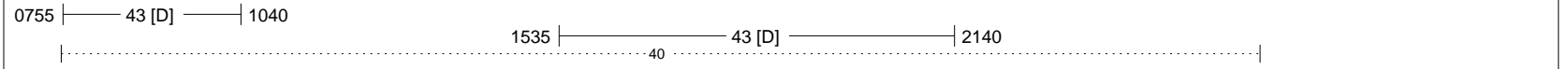
FDS MODE  
XB DATA RATE(MI)

CR-5T  
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32  
INITIAL CONDITIONS  
RTLTL: 35h 57m 48s  
CCSL: B196  
FDSL: 11AF  
TWNC: ON  
SB: OFF  
XB: LOW  
PYR: .05/.10/.25  
GYROS: OFF

1200 RTLT 35h 57m 48s

0000 RTLT 35h 57m 48s

FDS MODE  
XB DATA RATE(MI)

CR-5T  
160(32)

VGR COVERAGE

ON CALL

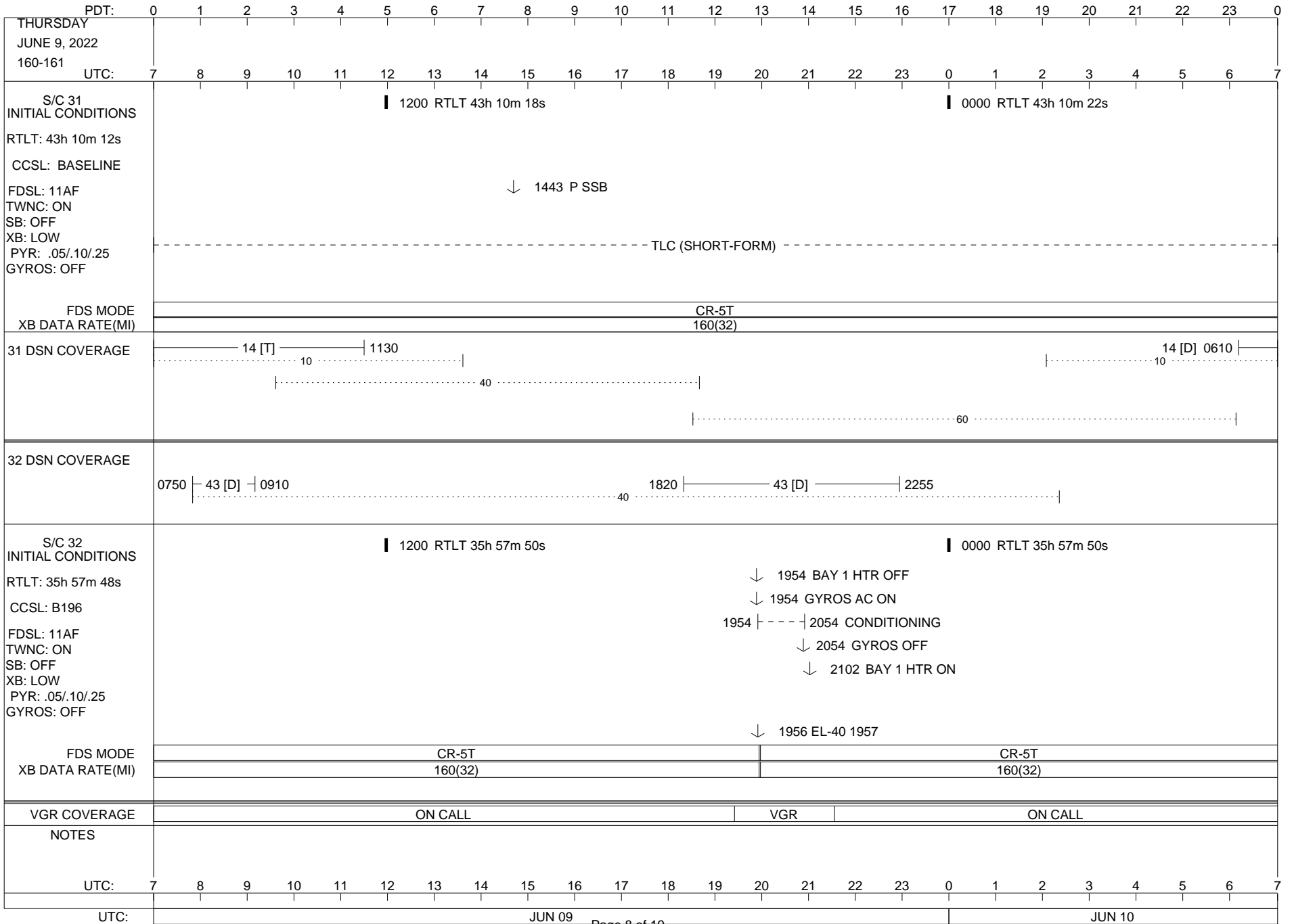
NOTES

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

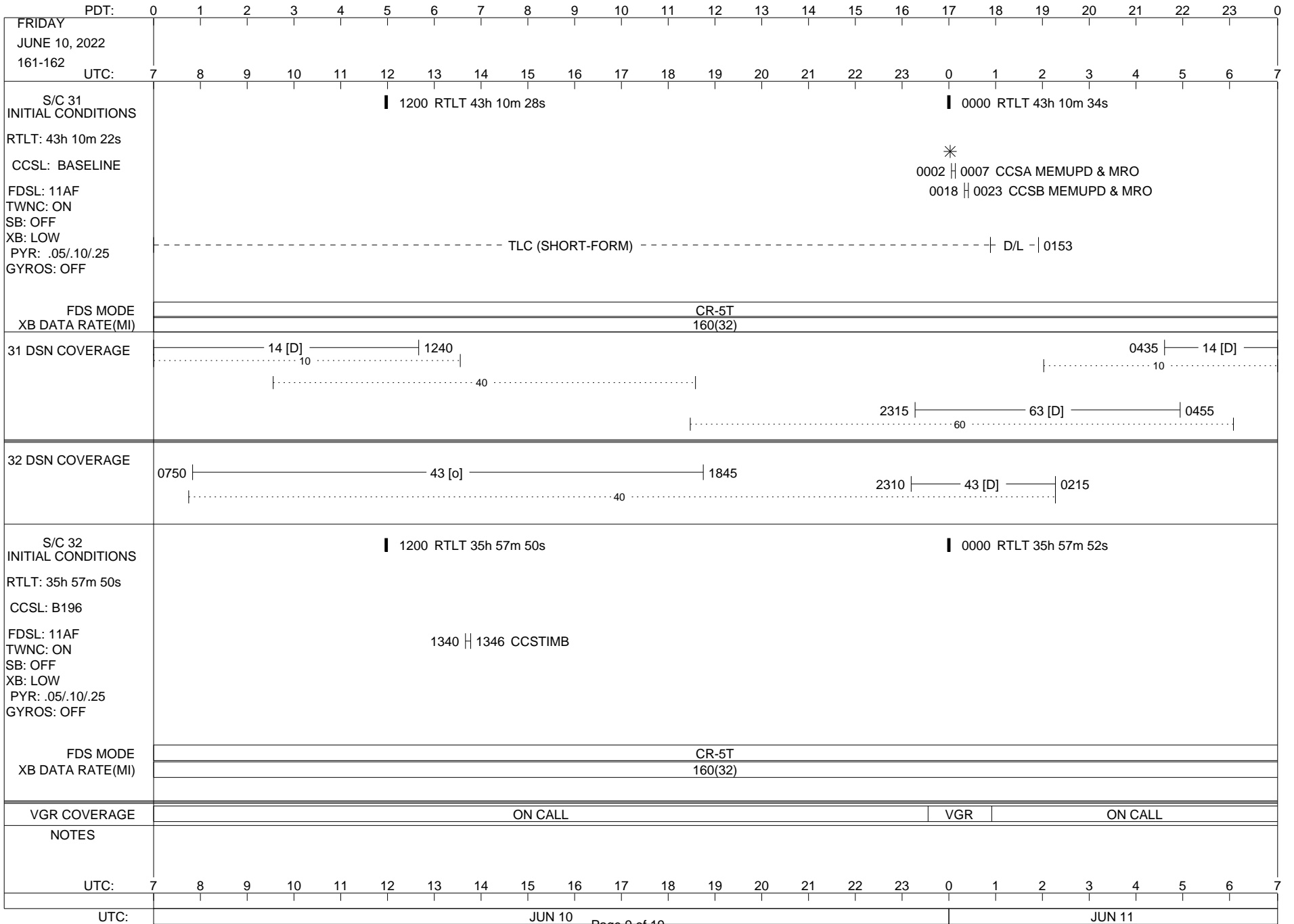
UTC: JUN 08 Page 7 of 19 JUN 09



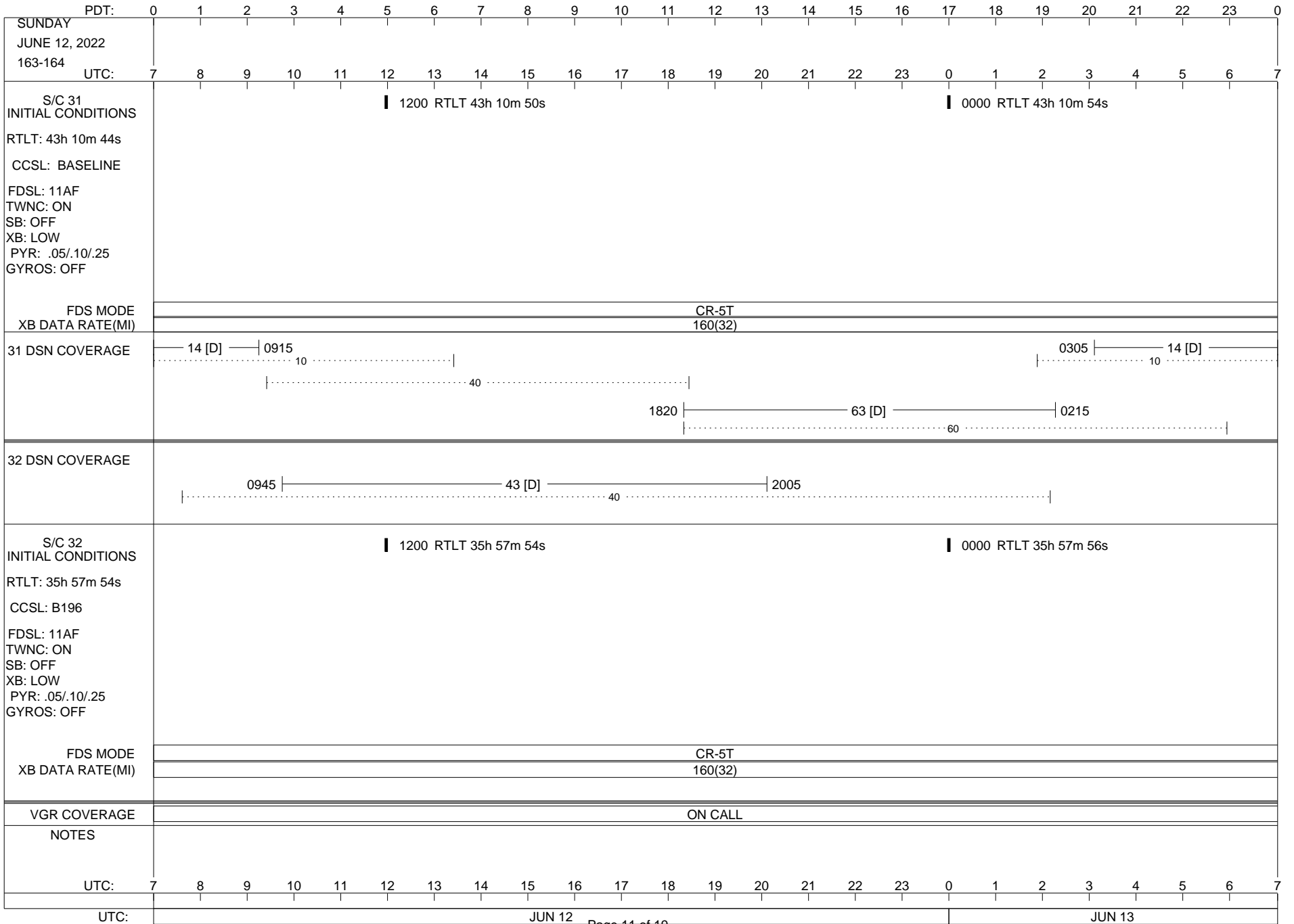
ISSUE DATE: 06/02/22 15:07



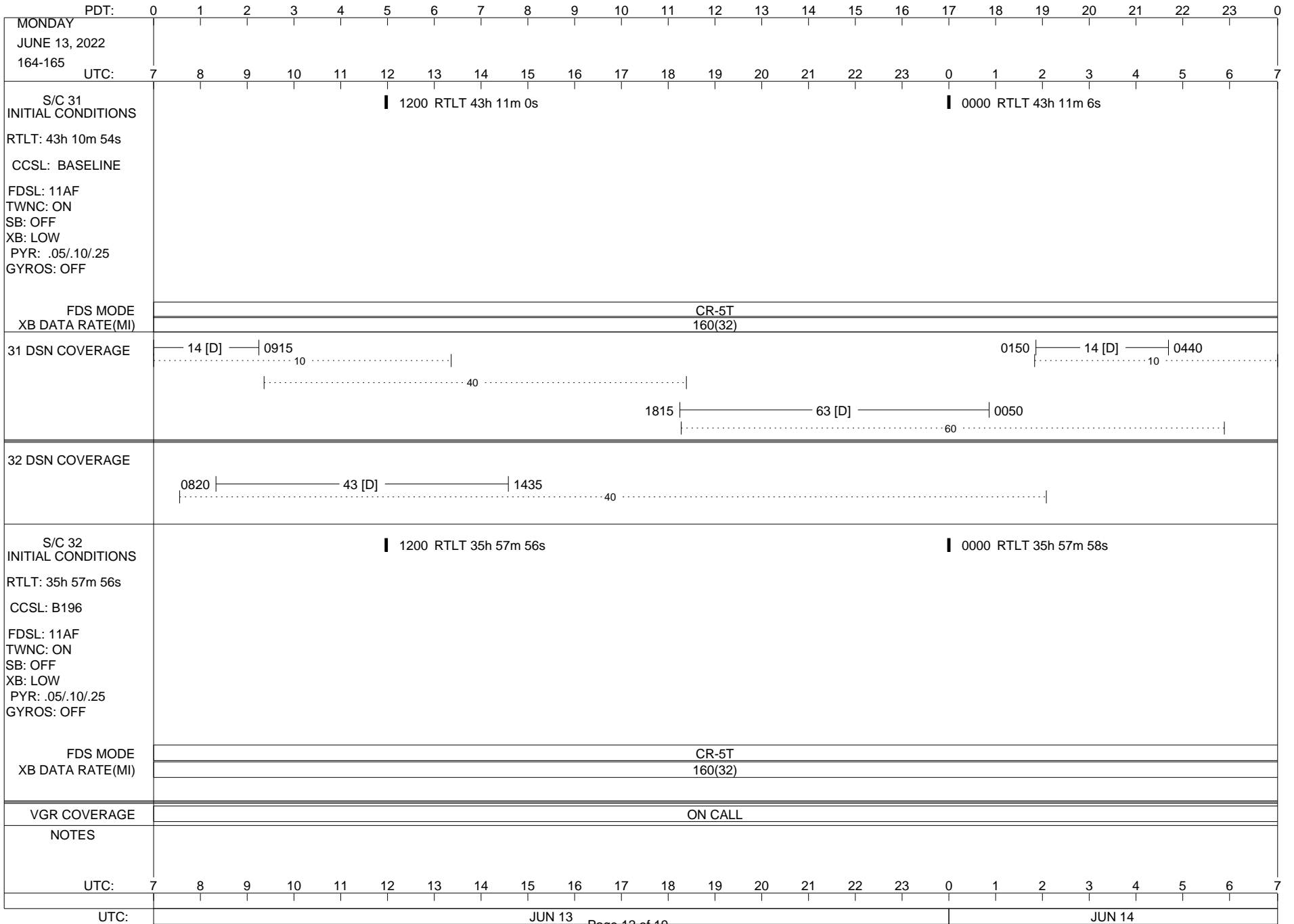
ISSUE DATE: 06/02/22 15:07



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 JUNE 11, 2022 162-163	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: 43h 10m 34s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 43h 10m 38s												0000 RTLT 43h 10m 44s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	14 [D]   1145 .....   .....40												0500   14 [D]   .....   .....10												
	1825   63 [D]   0130  .....60																								
32 DSN COVERAGE	43 [D]   0740-1740  .....40												2145   43 [B]   0210  .....												
S/C 32 INITIAL CONDITIONS RTLT: 35h 57m 52s CCSL: B196 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 57m 52s												0000 RTLT 35h 57m 54s												
FDS MODE XB DATA RATE(MI)													CR-5T 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:	JUN 11												JUN 12												



ISSUE DATE: 06/02/22 15:07



ISSUE DATE: 06/02/22 15:07

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

TUESDAY  
JUNE 14, 2022  
165-166

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 11m 6s  
CCSL: BASELINE  
FDSL: 11AF  
TWNC: ON  
SB: OFF  
XB: LOW  
PYR: .05/.10/.25  
GYROS: OFF

1200 RTLT 43h 11m 12s

0000 RTLT 43h 11m 16s

1305 | 1306 PWS/RH

CCS DIAG (02:01) 0650 ▼

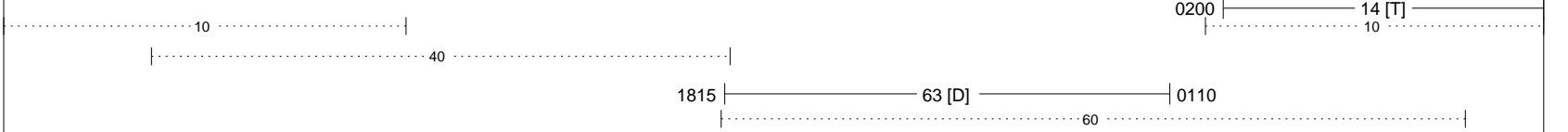
↓ 1305 GS-4B 1306

FDS MODE  
XB DATA RATE(MI)

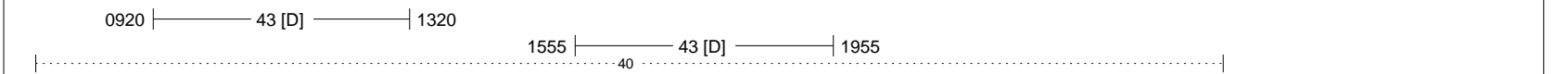
CR-5T  
160(32)

CR-5T  
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32  
INITIAL CONDITIONS  
RTLTL: 35h 57m 58s  
CCSL: B196  
FDSL: 11AF  
TWNC: ON  
SB: OFF  
XB: LOW  
PYR: .05/.10/.25  
GYROS: OFF

1200 RTLT 35h 57m 58s

0000 RTLT 35h 58m 0s

FDS MODE  
XB DATA RATE(MI)

CR-5T  
160(32)

VGR COVERAGE

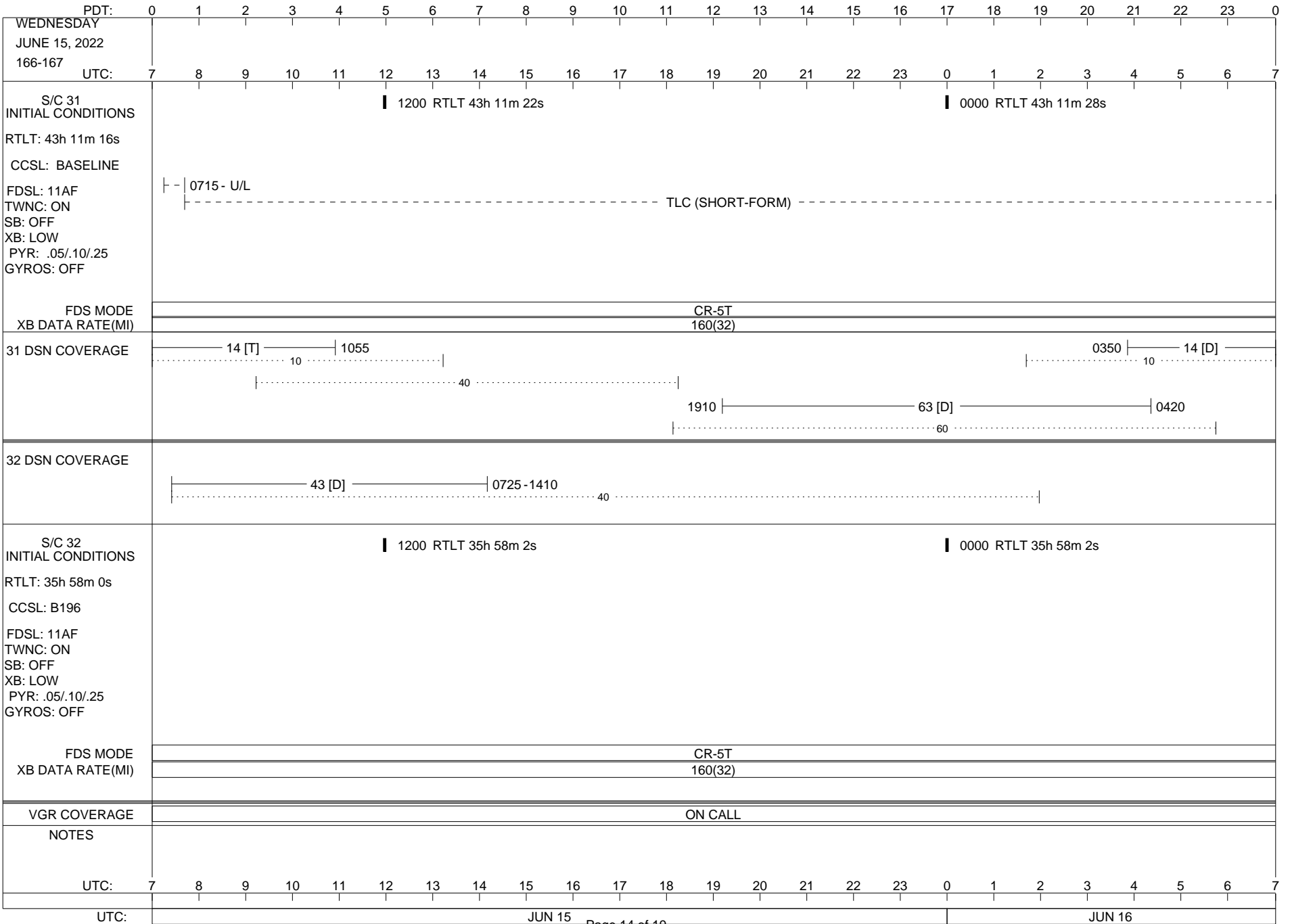
ON CALL

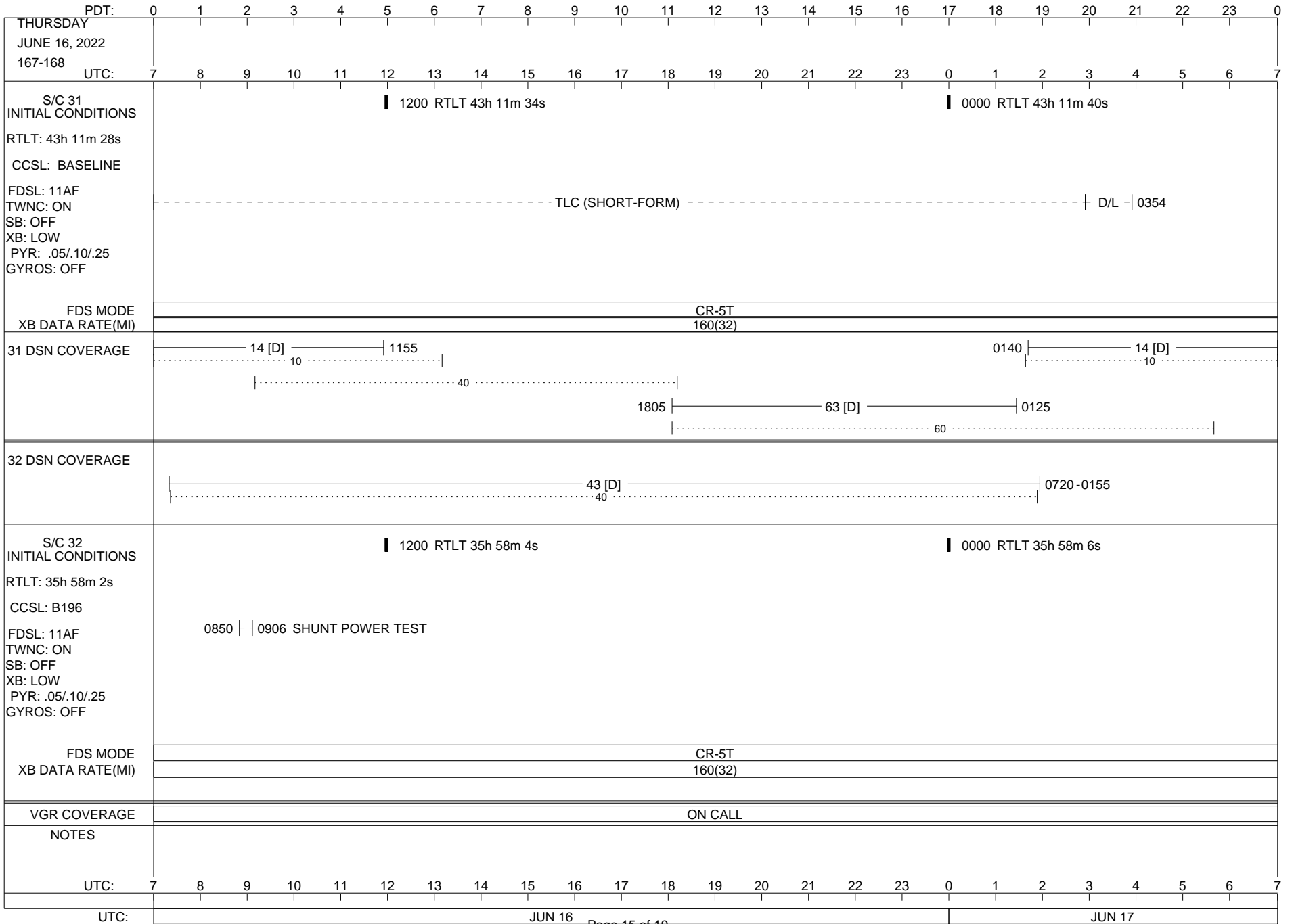
NOTES

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: JUN 14 Page 13 of 19 JUN 15

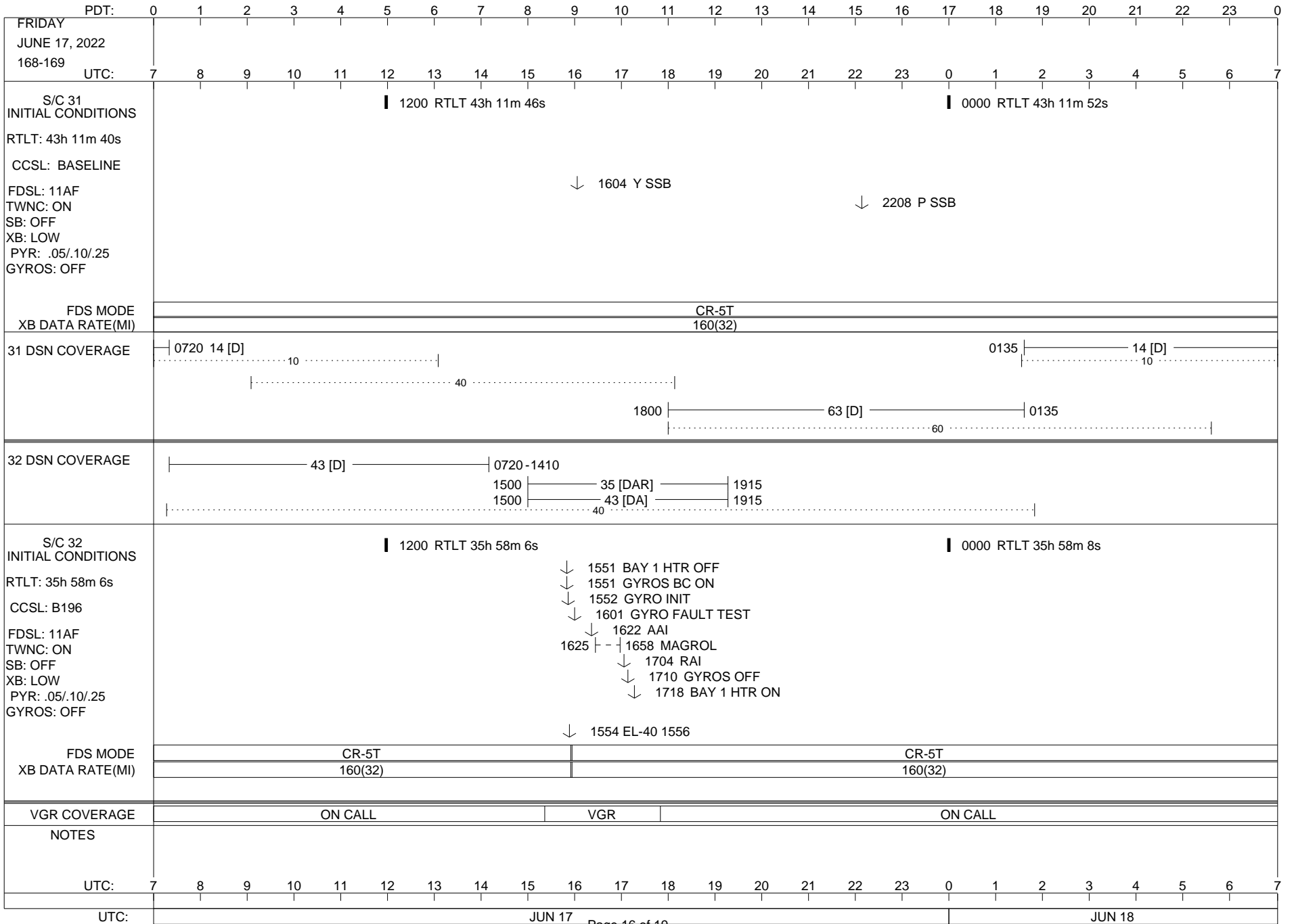
ISSUE DATE: 06/02/22 15:07



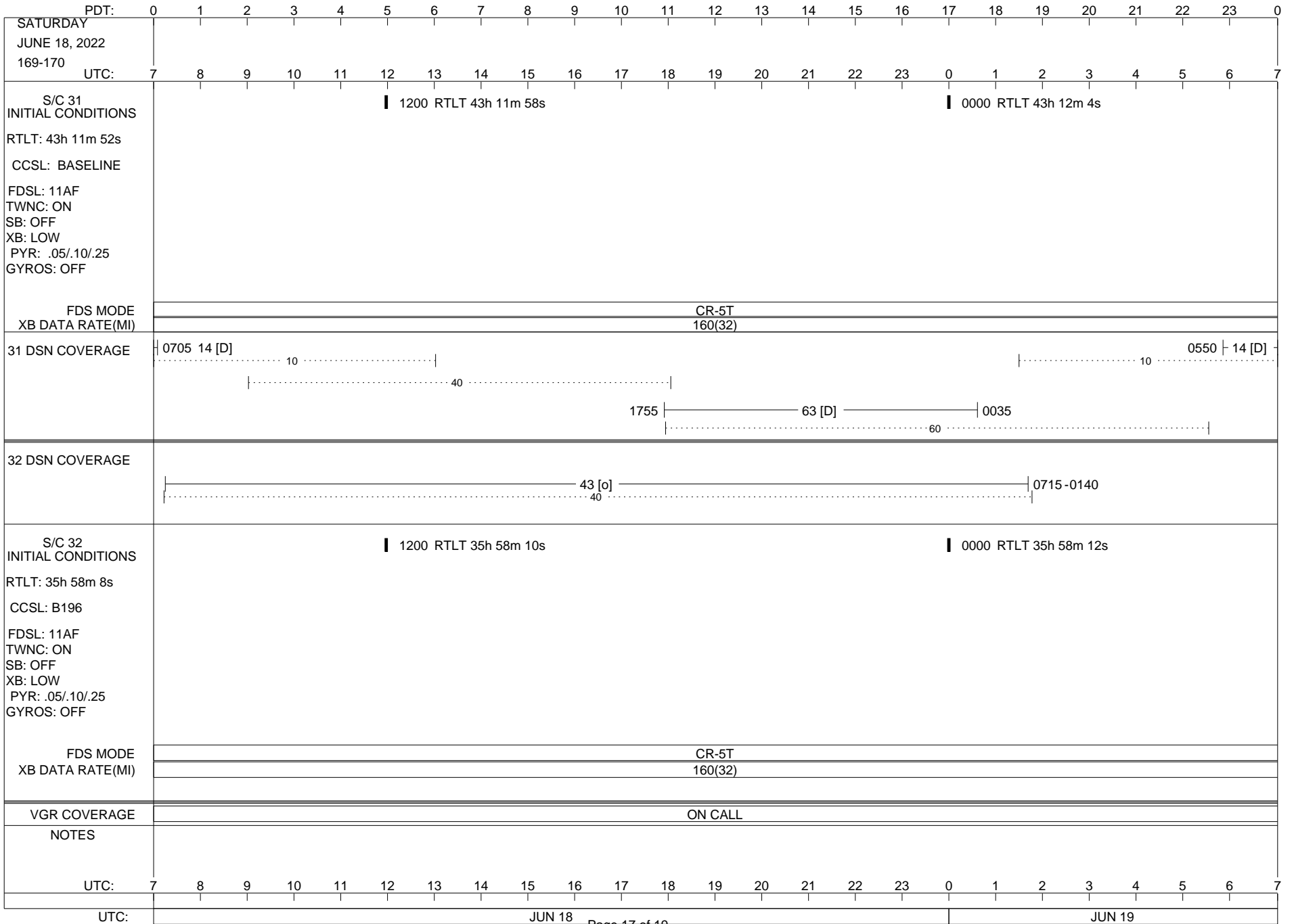




ISSUE DATE: 06/02/22 15:07



ISSUE DATE: 06/02/22 15:07



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 JUNE 19, 2022 170-171	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: 43h 12m 4s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 43h 12m 10s												0000 RTLT 43h 12m 16s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	14 [D] 0850 .....   .....40 1755  -----63 [D]-----  2325  -----60-----												0125  -----14 [D]-----  0400  -----10-----												
32 DSN COVERAGE	0750  -----43 [DA]-----  2150  -----1500-----  35 [DAR]   1840  -----40-----																								
S/C 32 INITIAL CONDITIONS RTLT: 35h 58m 12s CCSL: B196 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 58m 14s												0000 RTLT 35h 58m 16s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)						EL-40 40(30)						CR-5T 160(32)												
VGR COVERAGE	ON CALL						VGR						ON CALL												
NOTES	↓ 1543 PYR=.05/.05/.05 1547   -   1618 ASCAL ↓ 1619 ROLL=.25 ↓ 1621 AAC SIN FCP SWAP TABLE NOP ↓ 1622 1 SID MRO EL-40 1521 ↓      ↓ 1624 CR-5T																								
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 19												JUN 20												

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 JUNE 20, 2022 171-172	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: 43h 12m 16s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 43h 12m 24s												0000 RTLT 43h 12m 30s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	.....10.....												0120  -----14 [D]-----												
	.....40.....												1900  -----63 [D]----- 0130												
													.....60.....												
32 DSN COVERAGE	-----43 [D]----- 0705-1700												.....40.....												
S/C 32 INITIAL CONDITIONS RTLT: 35h 58m 16s CCSL: B196 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 58m 16s												0000 RTLT 35h 58m 18s												
FDS MODE XB DATA RATE(MI)	CR-5T 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:	JUN 20												JUN 21												