

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: June 22, 2022

For the Period: 06/23/22 to 07/10/22 (22/174 – 22/191)



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

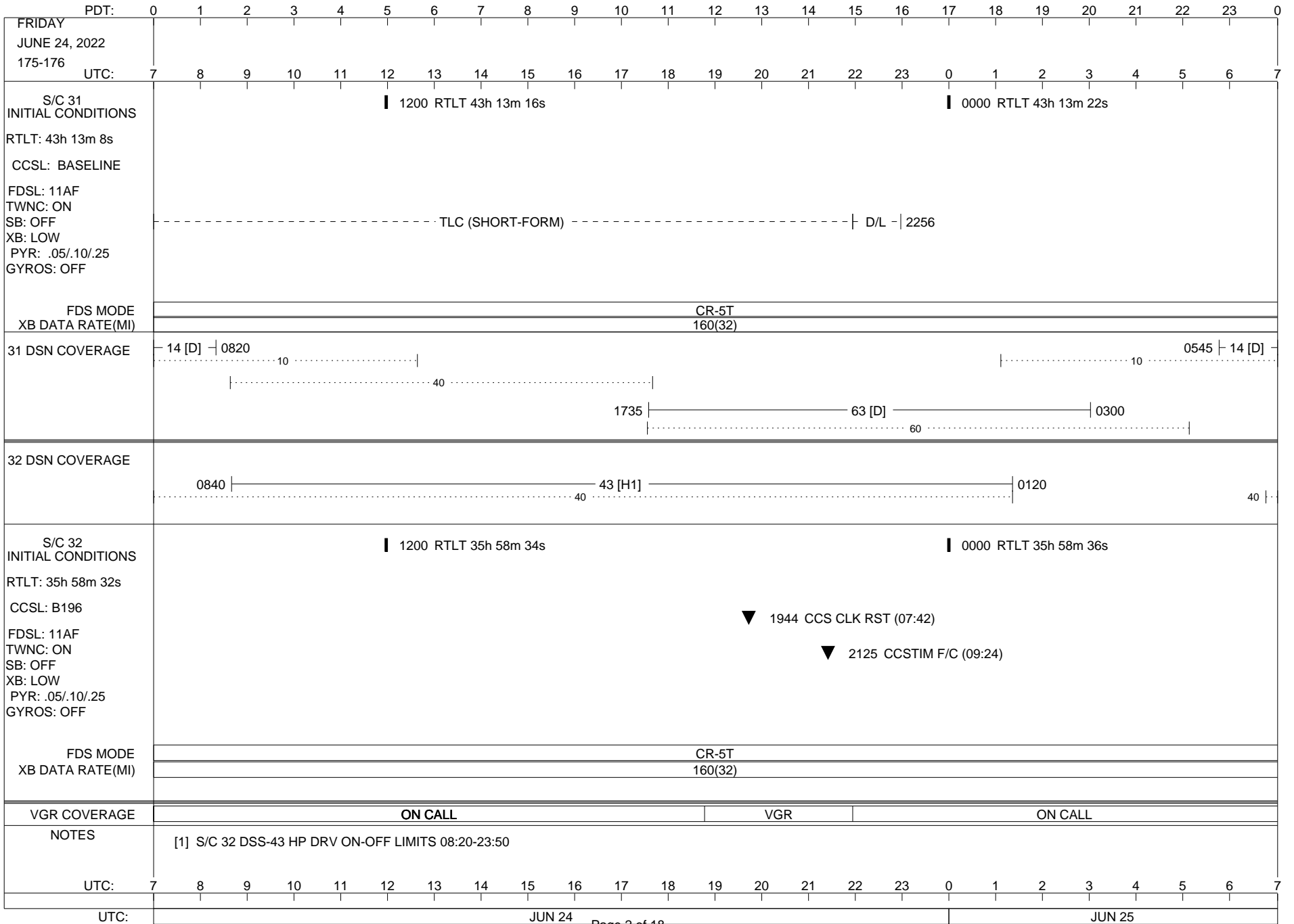
**LEGEND:**

- ▽ = 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

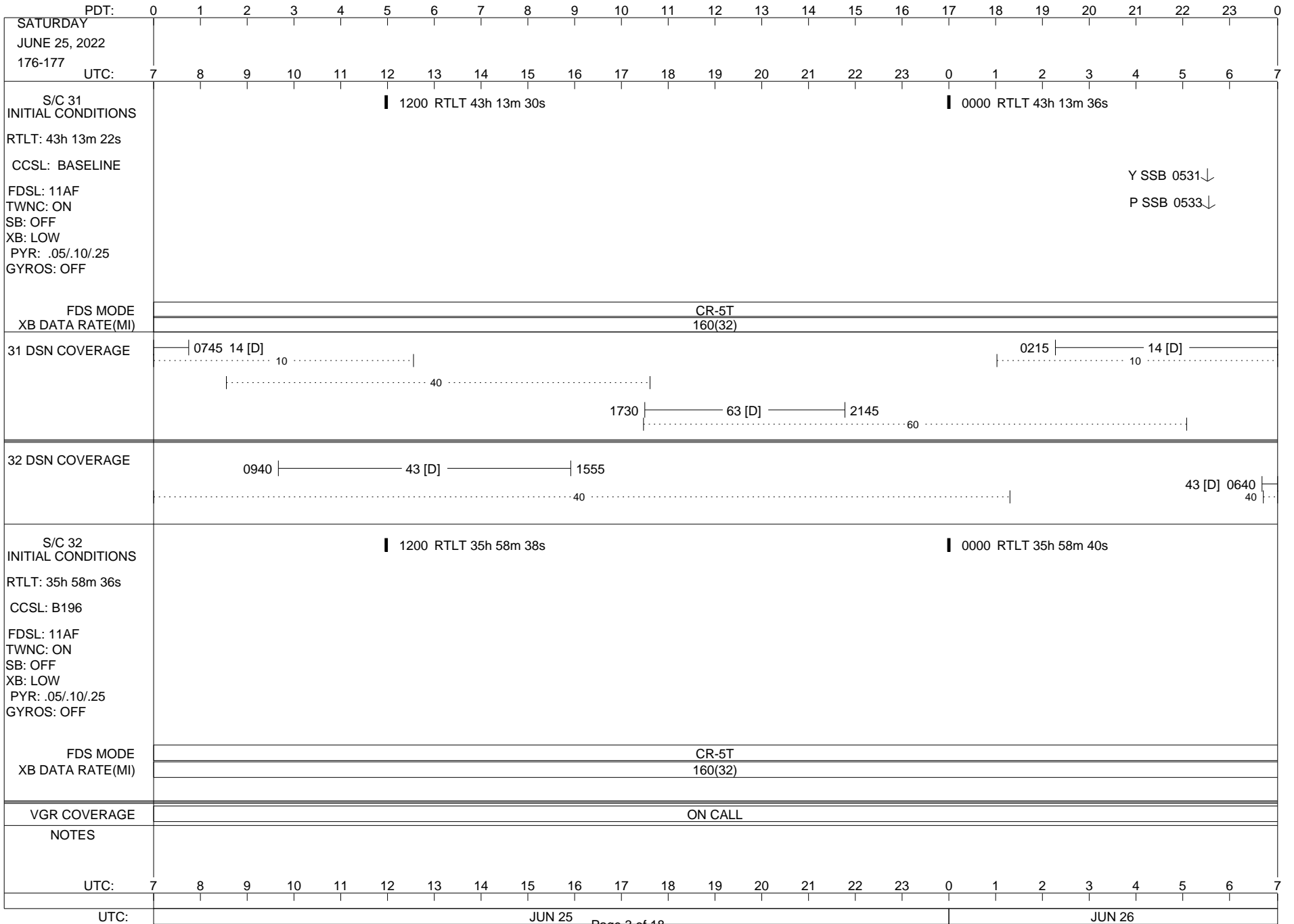
02/27/19



ISSUE DATE: 06/27/22 14:54

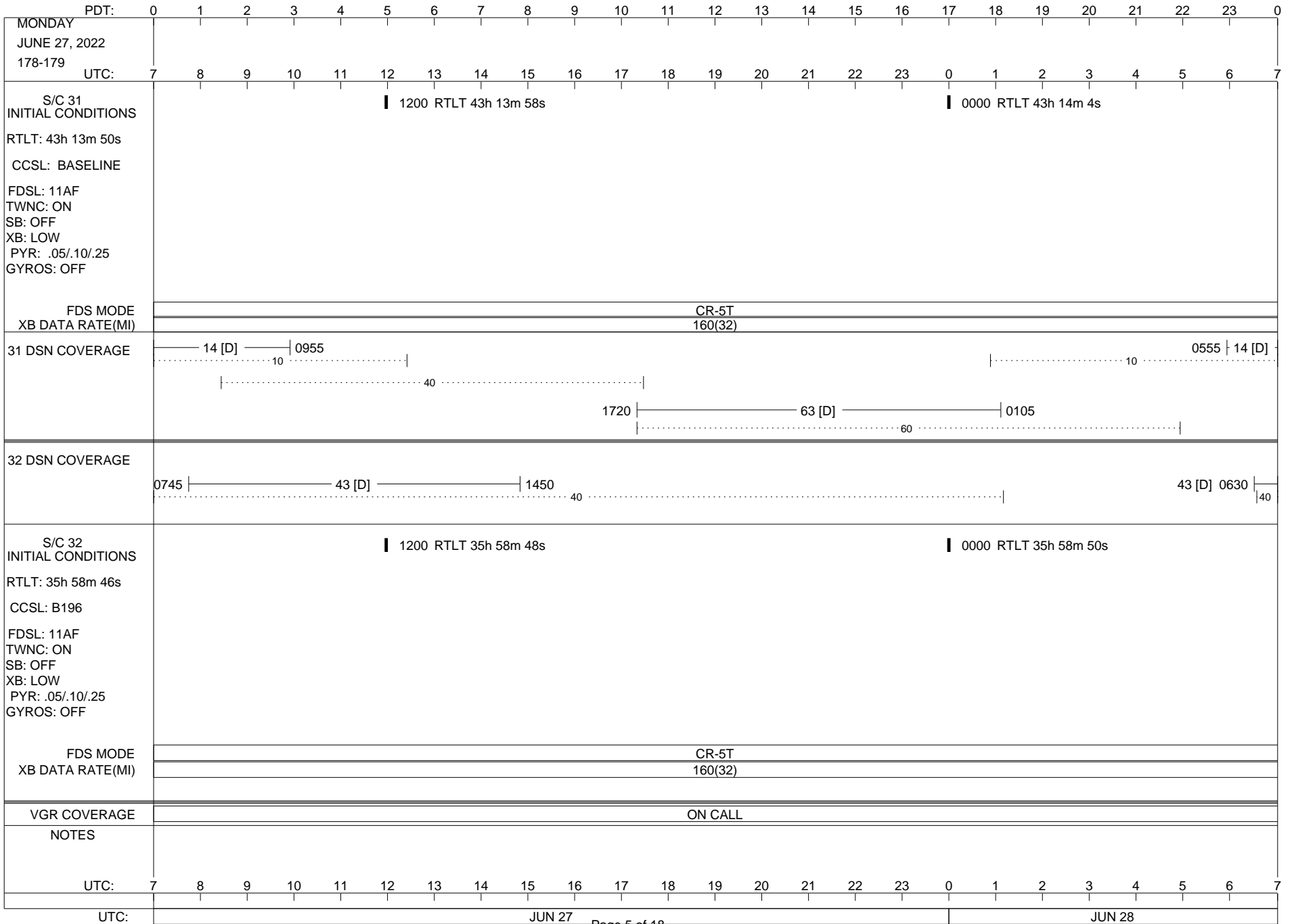


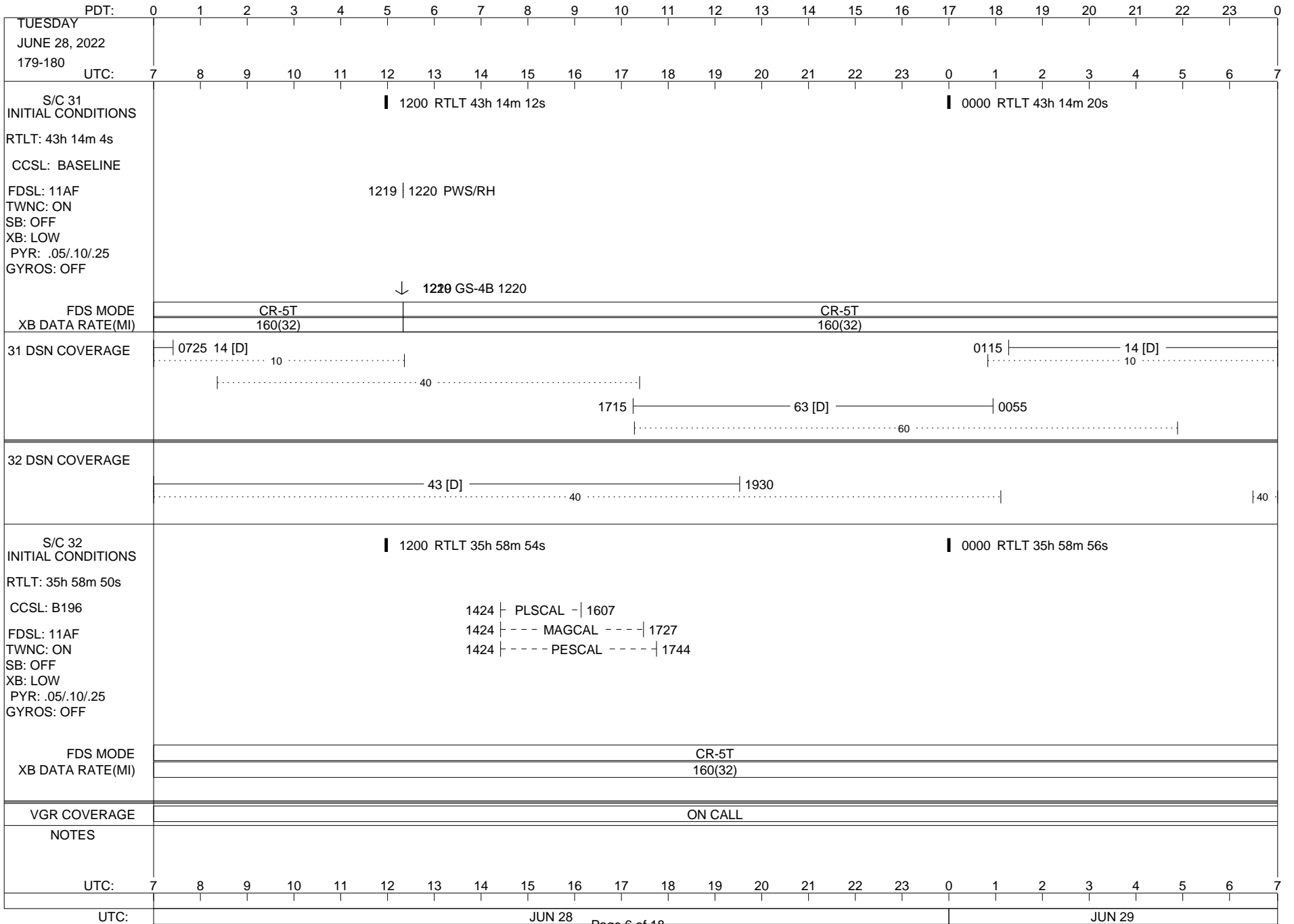
ISSUE DATE: 06/27/22 14:54



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 26, 2022 177-178	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 13m 36s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 43h 13m 44s												0000 RTLT 43h 13m 50s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	14 [D]   0800 .....   .....40.....												0440  -----14 [D]-----  .....10.....  1845  -----63 [D]----- 0500  .....60.....												
32 DSN COVERAGE	43 [D]----- 1810 .....40.....												40  .....												
S/C 32 INITIAL CONDITIONS RTLT: 35h 58m 40s CCSL: B196 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 58m 42s												0000 RTLT 35h 58m 46s												
	* ↓ 0743 CCS CLK RST																								
	* 0925  --- 1025 CCSTIM 0925    0932 FINE 1022    1025 COARSE																								
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:	JUN 26												JUN 27												

ISSUE DATE: 06/27/22 14:54



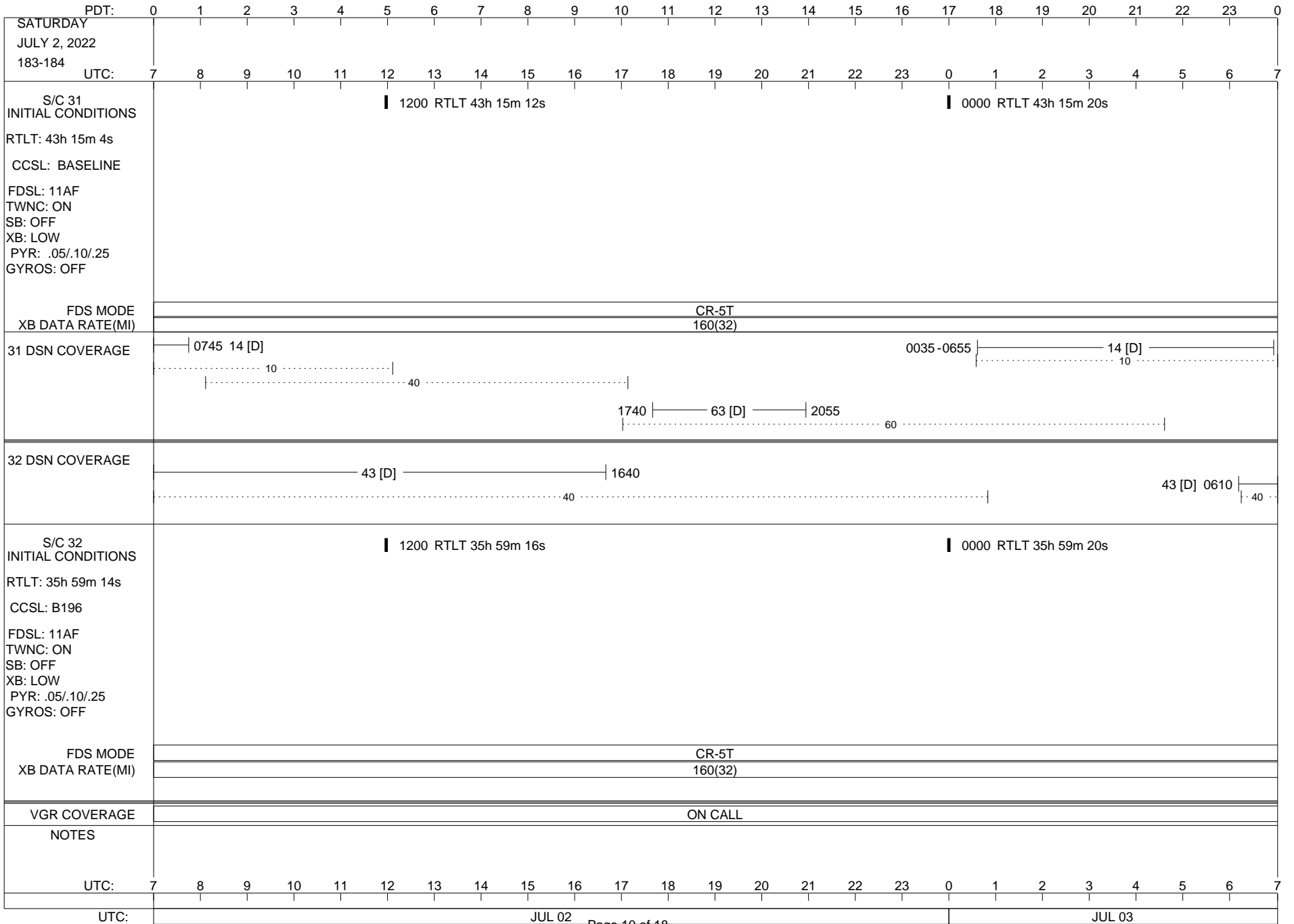


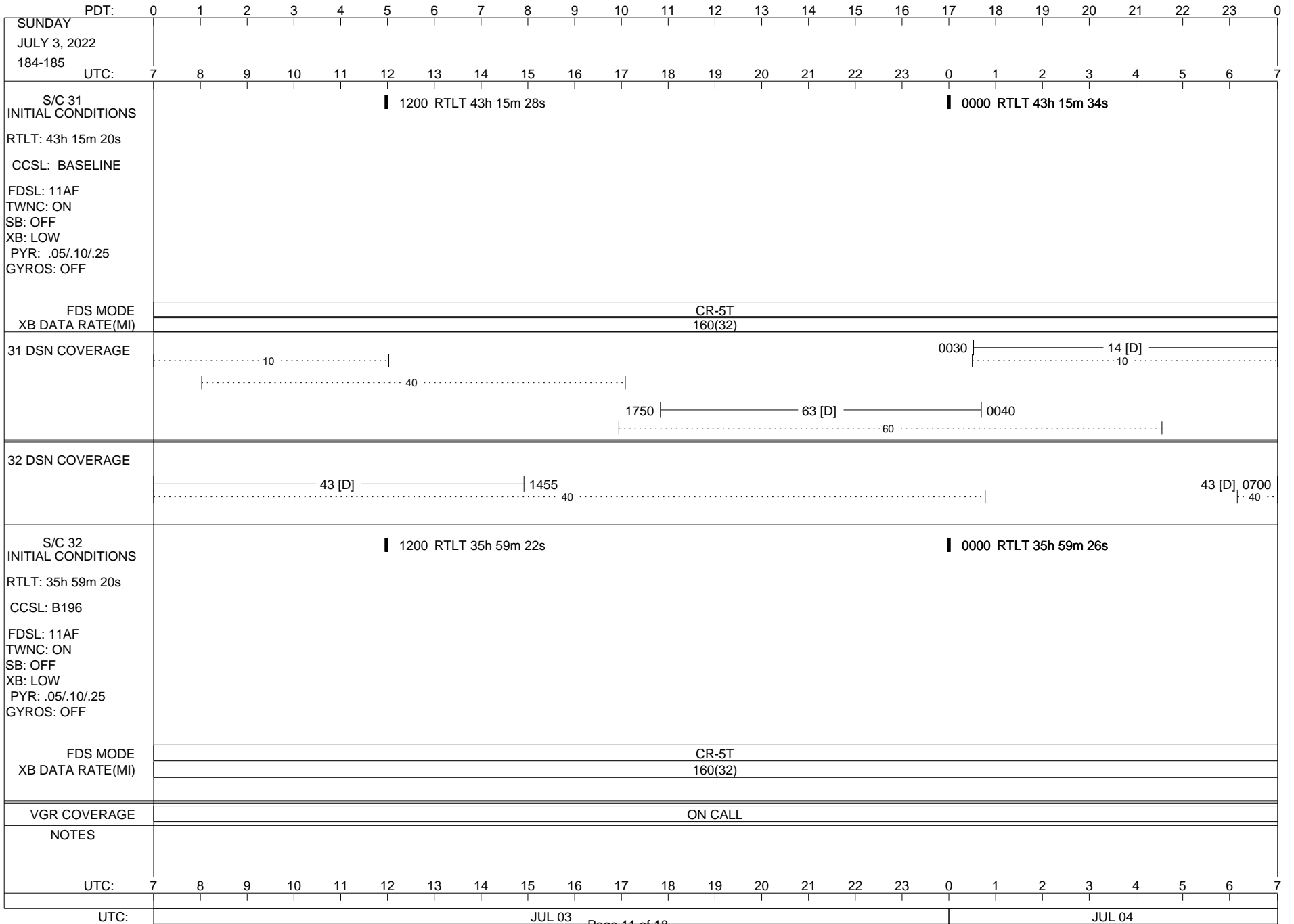
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UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7											
WEDNESDAY JUNE 29, 2022 180-181																																				
S/C 31 INITIAL CONDITIONS RTLT: 43h 14m 20s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 43h 14m 26s												0000 RTLT 43h 14m 34s																							
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)																							
31 DSN COVERAGE																																				
32 DSN COVERAGE																																				
S/C 32 INITIAL CONDITIONS RTLT: 35h 58m 56s CCSL: B196 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 58m 58s												0000 RTLT 35h 59m 2s																							
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)																							
VGR COVERAGE	ON CALL												VGR						ON CALL						VGR						ON CALL					
NOTES	[1] DSS-43 HP DRV OFF <= 23:30																																			
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																					

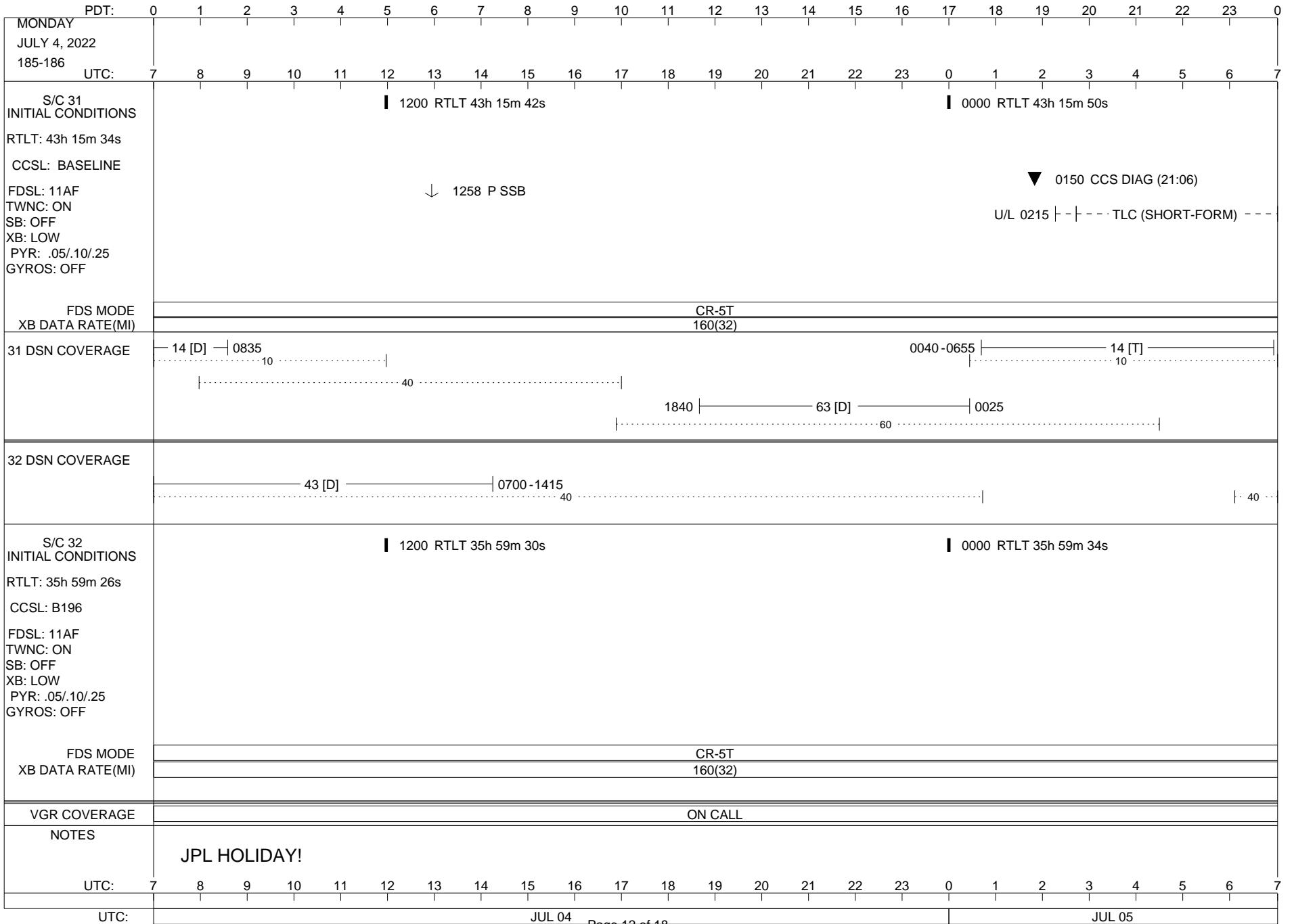


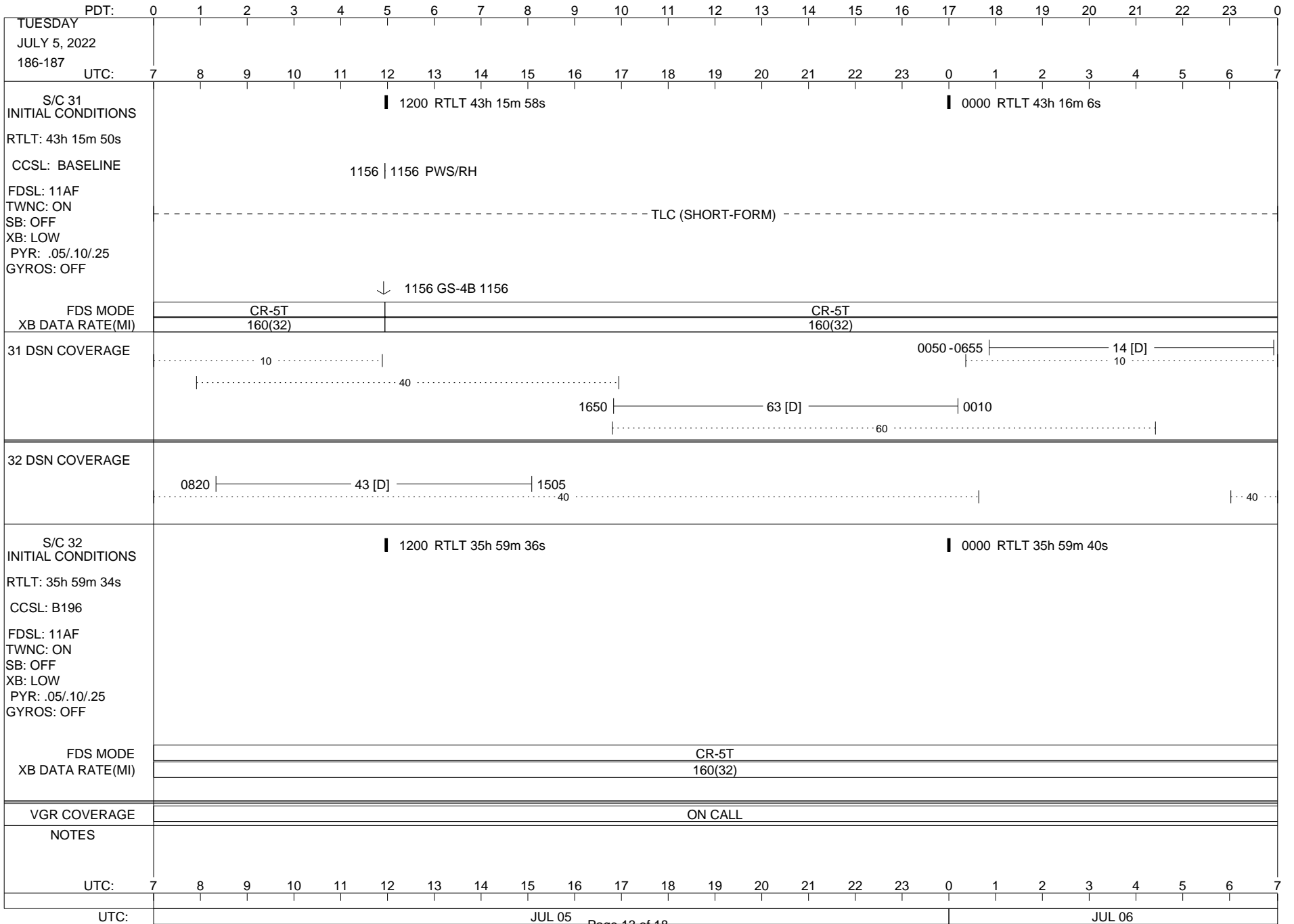
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
THURSDAY JUNE 30, 2022 181-182																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 43h 14m 34s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 43h 14m 42s												0000 RTLT 43h 14m 48s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	0715 14 [T] .....												..... 10 .....												
	..... 40 .....												..... 10 .....												
													1945  ----- 63 [D] -----  0440												
	..... 40 .....												..... 60 .....												
32 DSN COVERAGE	----- 43 [D] -----  1430												43 [D] 0620  -----												
	..... 40 .....												..... 40 .....												
S/C 32 INITIAL CONDITIONS RTLT: 35h 59m 2s CCSL: B196 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 59m 4s												0000 RTLT 35h 59m 8s												
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 30												JUL 01												

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 1, 2022 182-183	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 14m 48s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 43h 14m 56s												0000 RTLT 43h 15m 4s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	.....   .....40.....												0040  -----  14 [D] -----  -----  10 ..... 1805  -----  63 [D] -----  0025  -----  60 .....												
32 DSN COVERAGE	-----43 [D] -----  1535  -----  40 .....												43 [D] 0615  -----   -----  40 .....												
S/C 32 INITIAL CONDITIONS RTLT: 35h 59m 8s CCSL: B196 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 59m 10s												0000 RTLT 35h 59m 14s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL			VGR						ON CALL															
NOTES	<p style="text-align: center;">* ↓ 0916 CCS CLK RST</p> <p style="text-align: center;">* 1058  ---  1159 CCSTIM 1058    1105 FINE 1156    1159 COARSE</p>																								
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												JUL 02												

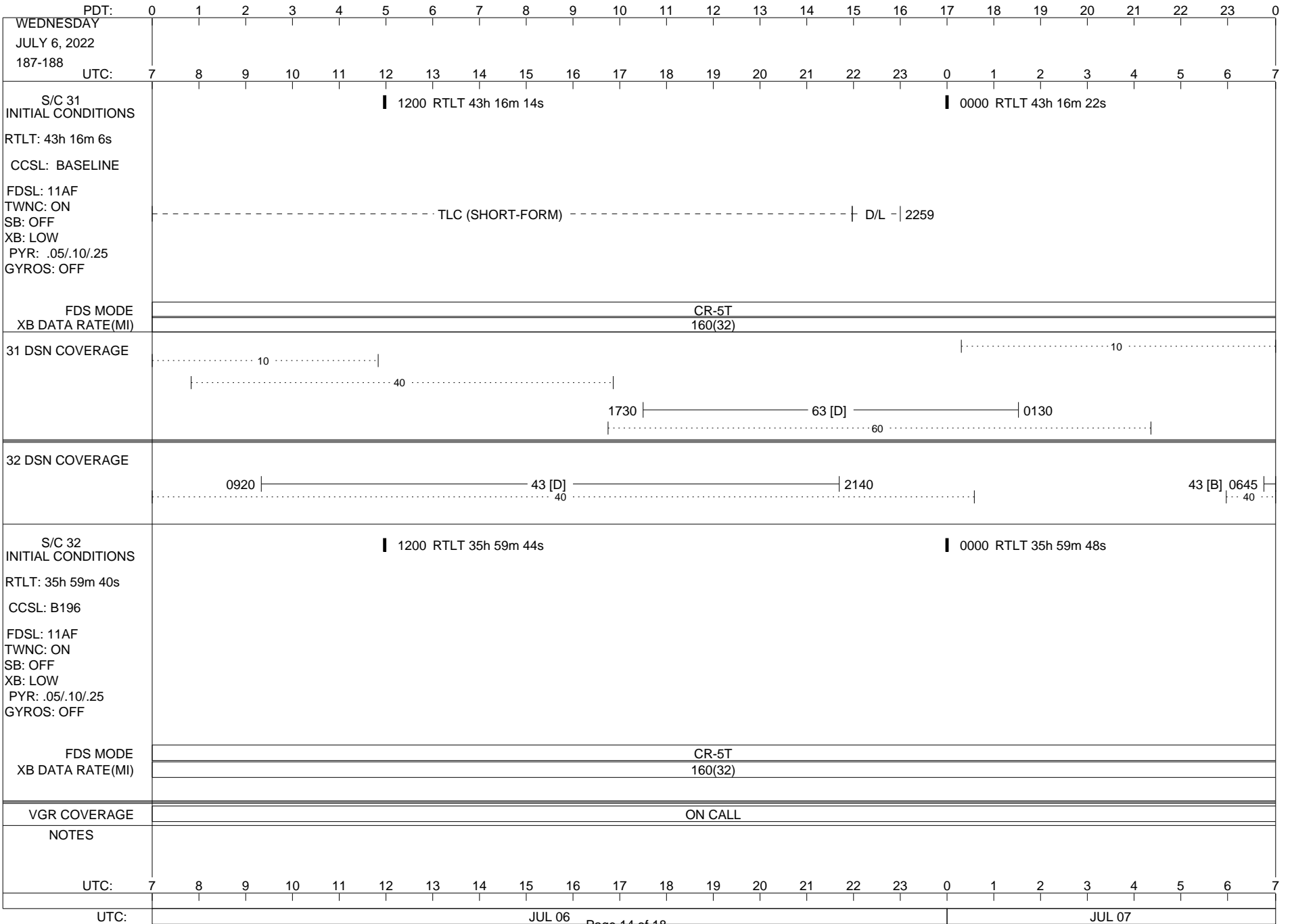






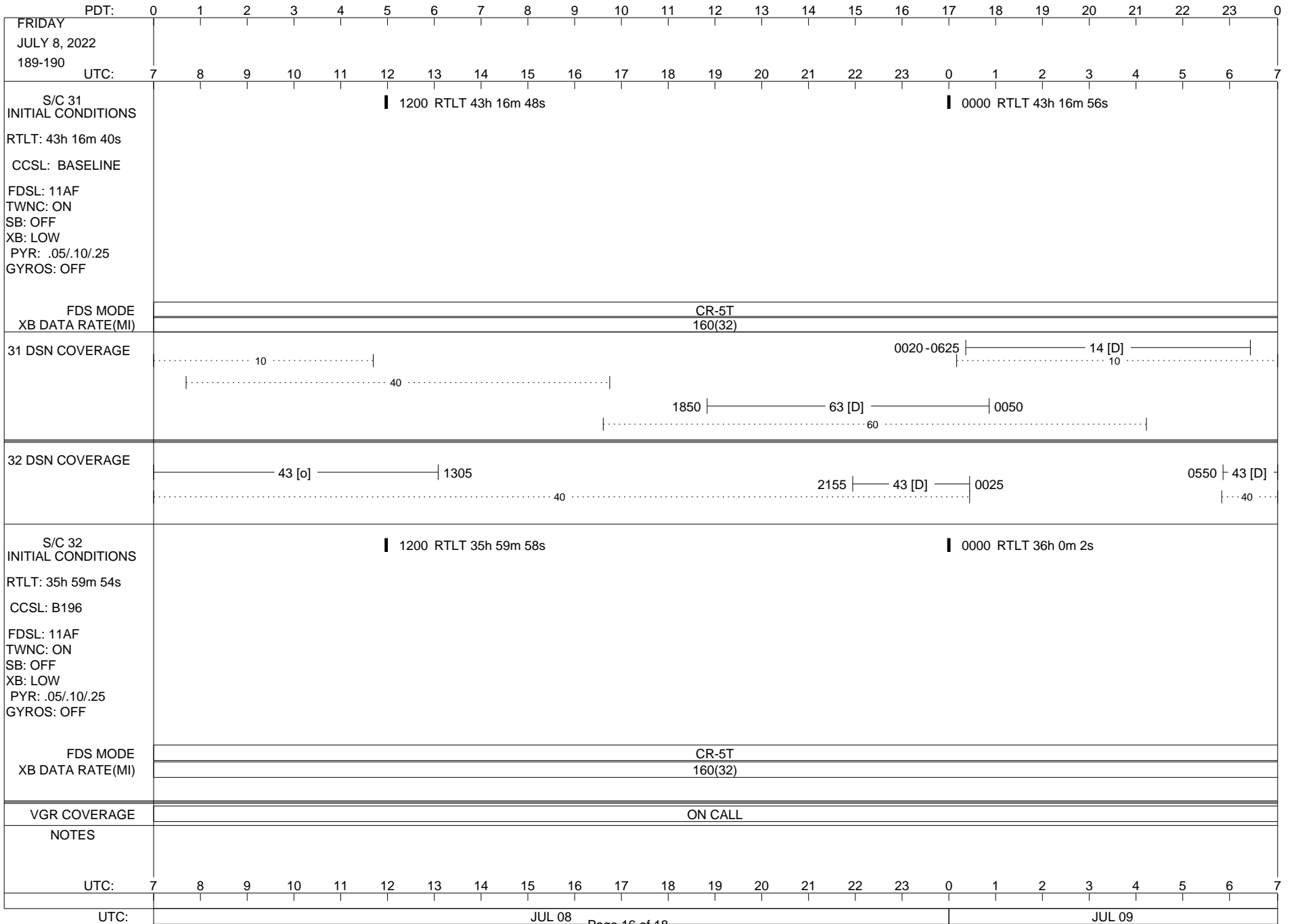


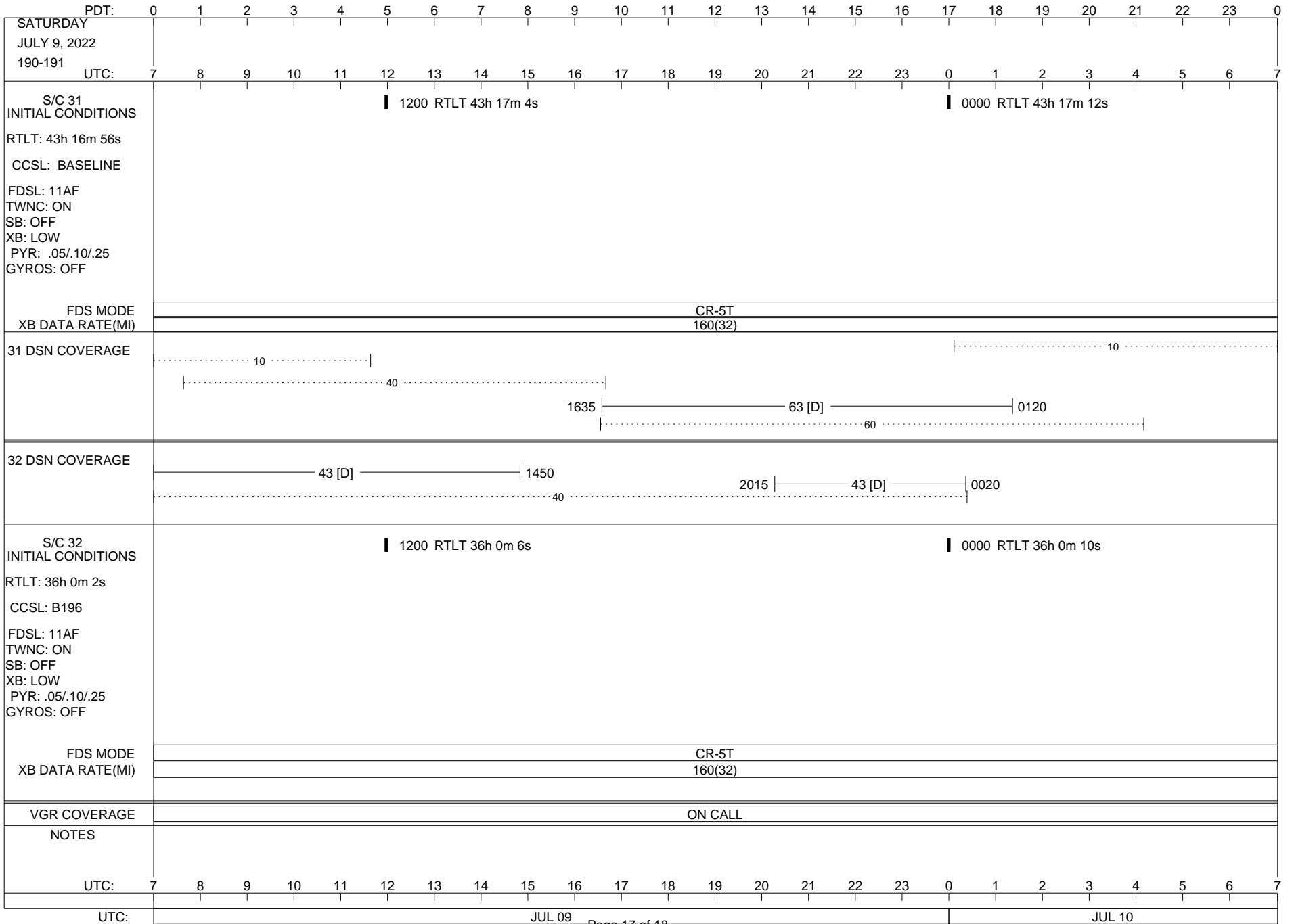
ISSUE DATE: 06/27/22 14:54



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 7, 2022 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 RTLTL: 43h 16m 22s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 43h 16m 32s												█ 0000 RTLTL 43h 16m 40s															
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
31 DSN COVERAGE	.....  10 .....												0015 -0635  -----  14 [D] -----															
	-----  40 .....												-----  10															
													1650  -----  63 [D] -----  0145															
													-----  60 .....															
32 DSN COVERAGE	-----  43 [B] -----  1440												0555   43 [o] -----															
	-----  40 .....												-----  40															
S/C 32 INITIAL CONDITIONS RTLTL: 35h 59m 48s CCSL: B196 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 35h 59m 50s												█ 0000 RTLTL 35h 59m 54s															
	▼ 1057 DUMMY (5 MIN BRACKETED 22:58)																											
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 07														JUL 08													







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 10, 2022 191-192	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 17m 12s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 43h 17m 22s</p>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<p>.....10..... </p> <p> .....40..... </p> <p style="text-align: center;">1630  ----- 63 [D] -----  2345</p>																										
32 DSN COVERAGE	<p> ----- 43 [D] -----  0725 -1450</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 36h 0m 10s CCSL: B196 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 36h 0m 14s</p>																										
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 10													JUL 11													