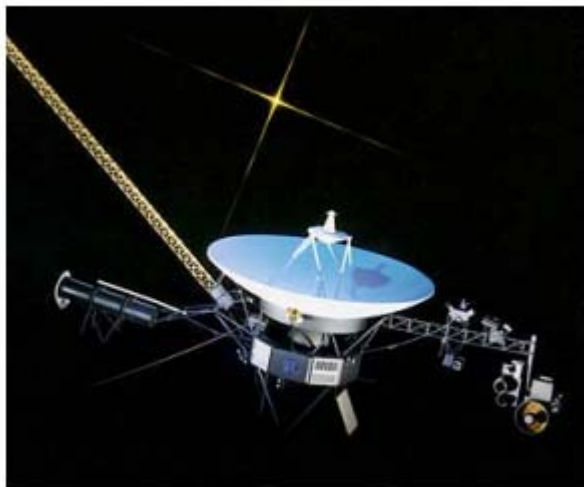


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: May 4, 2021

For the Period: 05/06/21 to 05/24/21 (21/119 – 21/137)



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

LEGEND:

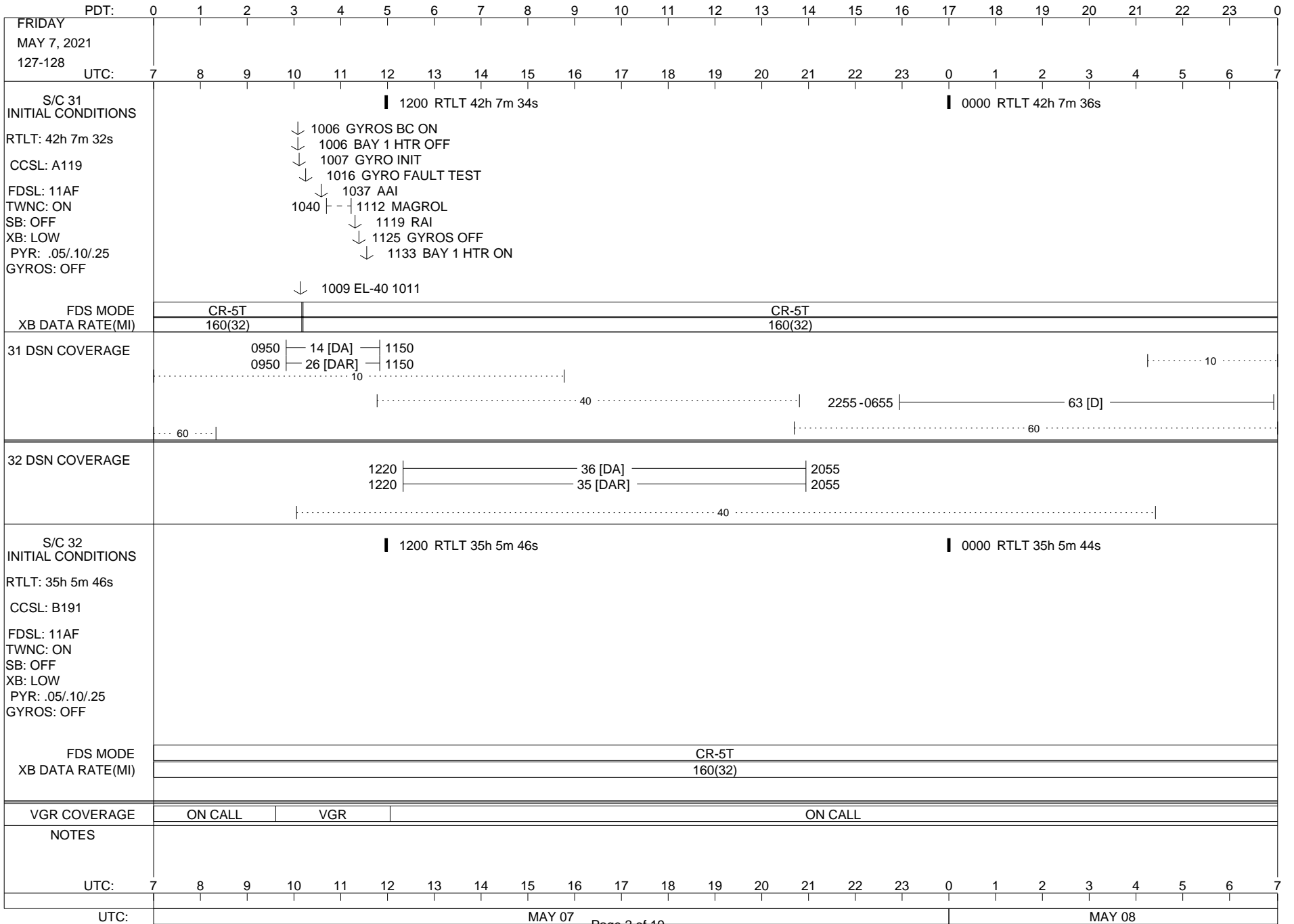
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- * = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U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

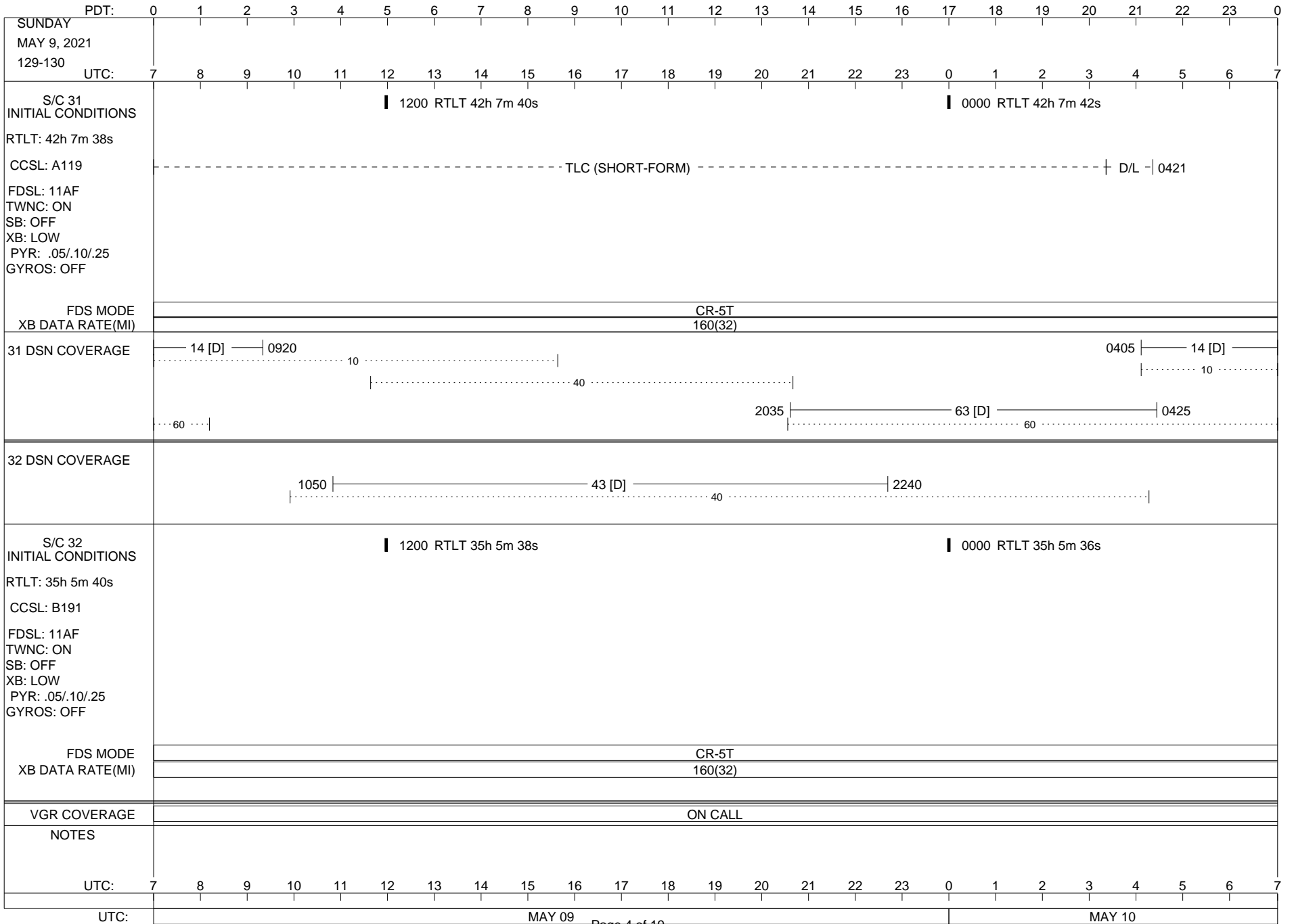
02/27/19

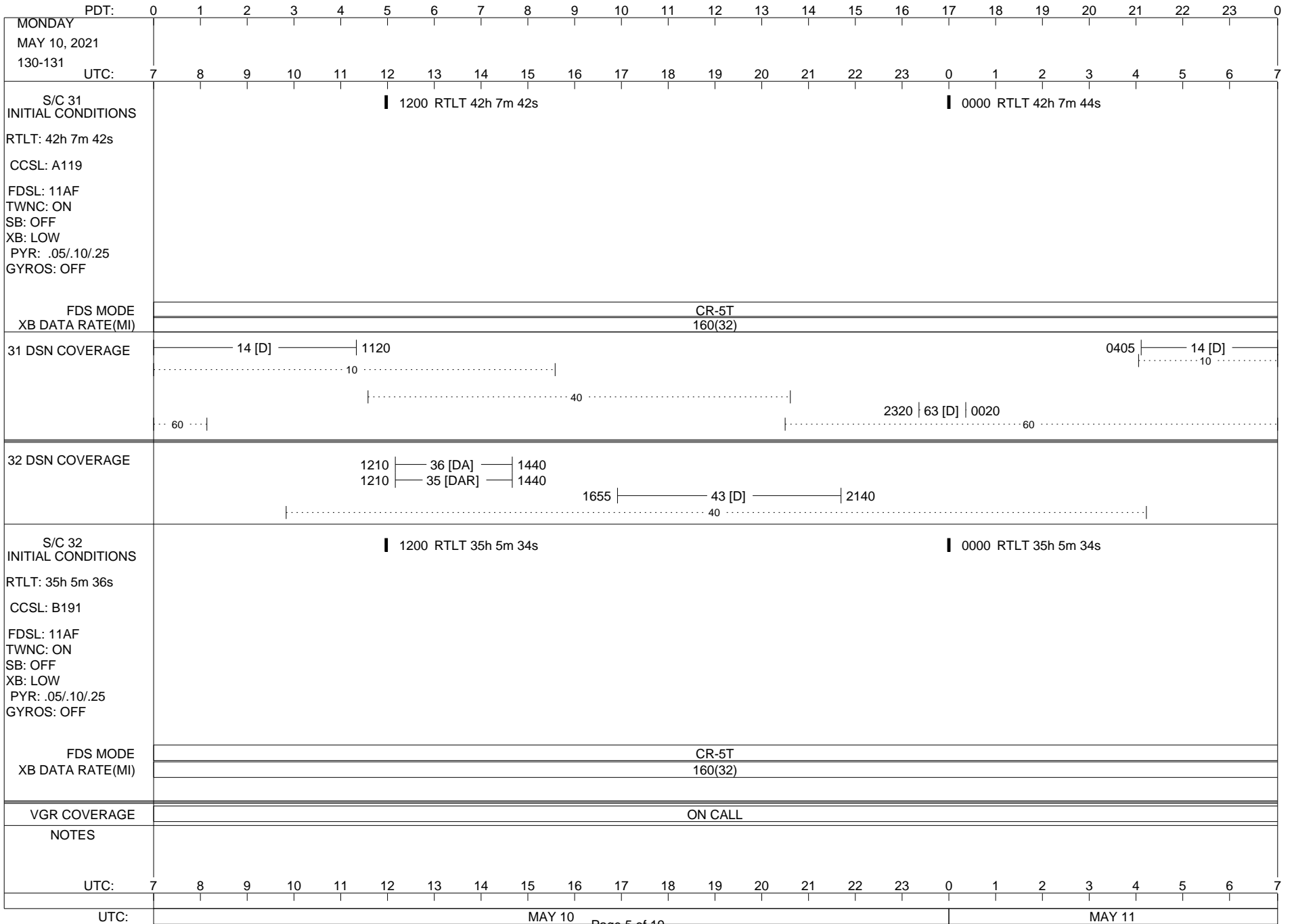
ISSUE DATE: 05/04/21 13:56

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 MAY 6, 2021 126-127																									
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: 42h 7m 30s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 7m 32s												0000 RTLT 42h 7m 32s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	14 [D] 0915												2245 63 [D] 0300												
32 DSN COVERAGE	1005 43 [D] 1405												2230 43 [D] 0430												
S/C 32 INITIAL CONDITIONS RTLTL: 35h 5m 50s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 5m 48s												0000 RTLT 35h 5m 46s												
FDS MODE	CR-5T												EL-40				CR-5T								
XB DATA RATE(MI)	160(32)												40(30)				160(32)								
VGR COVERAGE	ON CALL												VGR				ON CALL								
NOTES	[1] S/C 32=EL-40 @ 22:58 XB=40(30) [2] S/C 32=CR-5T @ 02:29 XB=160(32)																								
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:	MAY 06												MAY 07												

ISSUE DATE: 05/04/21 13:56

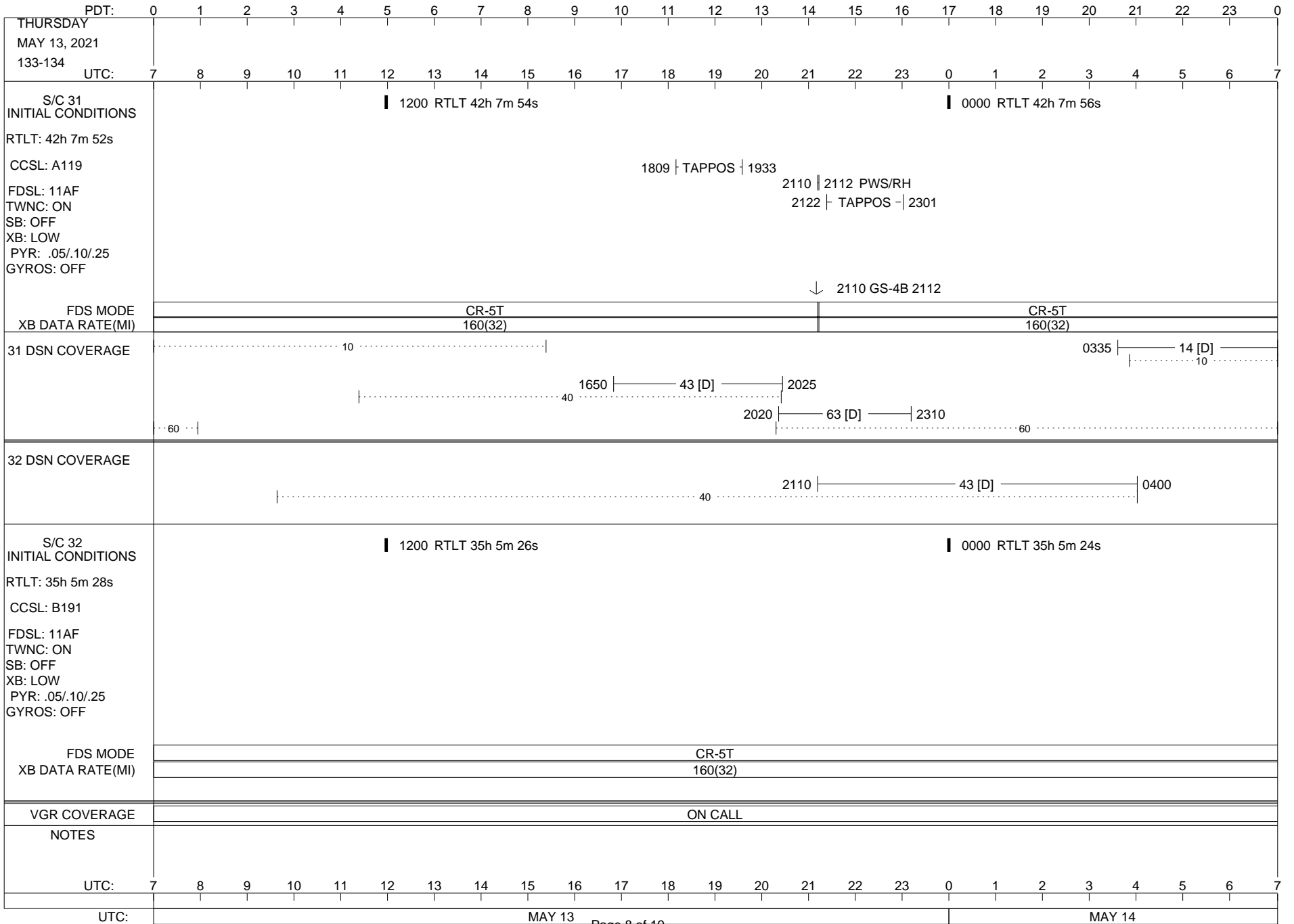




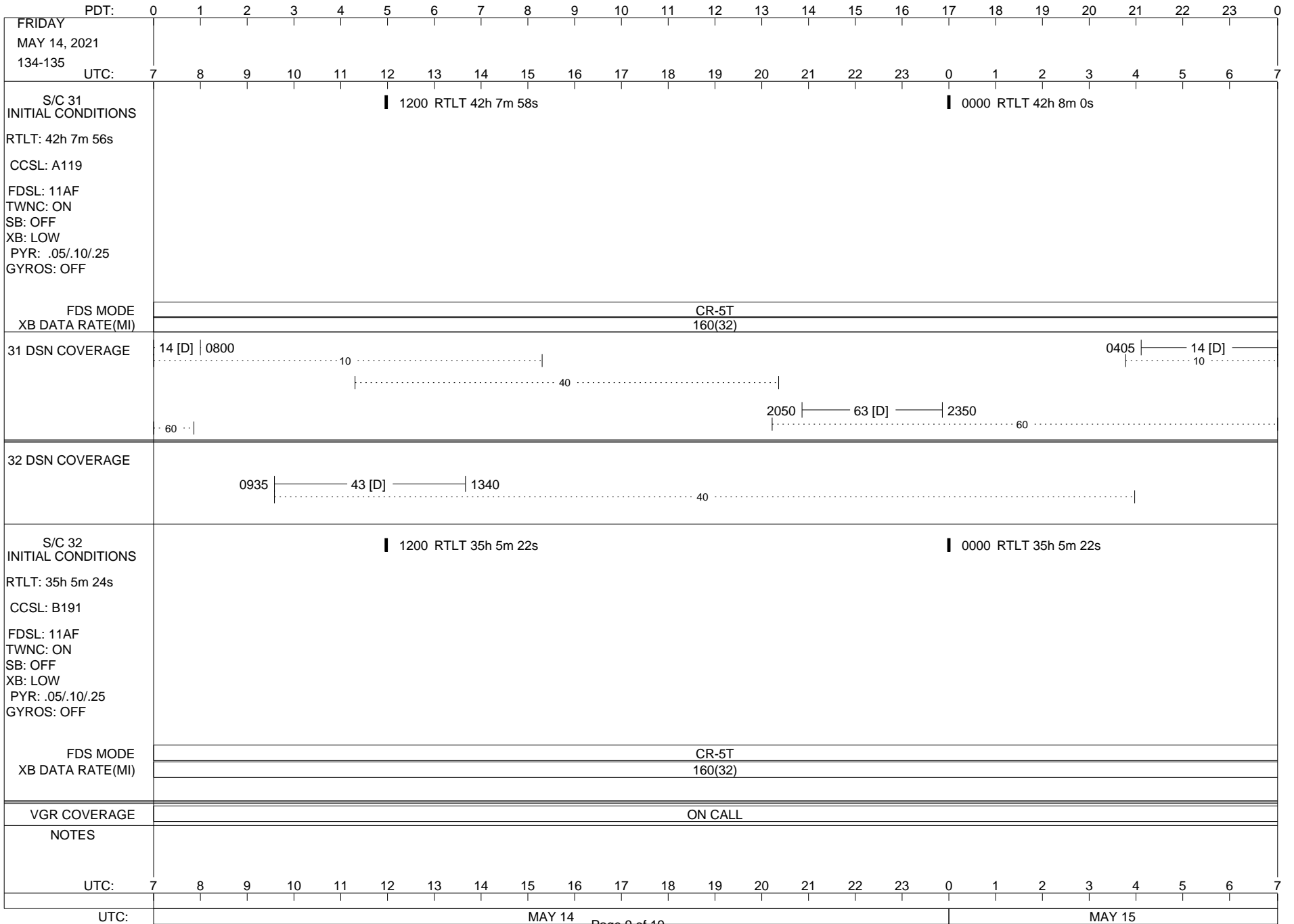


PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
TUESDAY MAY 11, 2021 131-132	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 42h 7m 44s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 42h 7m 46s												0000 RTLTL 42h 7m 48s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	14 [D] 0855												0400 14 [D]												
	60												2025 63 [D] 2320												
32 DSN COVERAGE	0945 43 [D] 1045												2350 43 [D] 0350												
	1205 35 [DA] 1545												1205 36 [DAR] 1545												
S/C 32 INITIAL CONDITIONS RTLTL: 35h 5m 34s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 35h 5m 32s												0000 RTLTL 35h 5m 30s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												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:	MAY 11												MAY 12												

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 MAY 12, 2021 132-133																												
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: 42h 7m 48s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 42h 7m 50s												█ 0000 RTLT 42h 7m 52s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE	14 [D] 0800											 10															
 10 40															
 60												2200 63 [D] 0200															
 60 60															
32 DSN COVERAGE	1110 43 [H1] 0155											 40															
S/C 32 INITIAL CONDITIONS RTLT: 35h 5m 30s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 35h 5m 28s												█ 0000 RTLT 35h 5m 28s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
VGR COVERAGE	ON CALL				VGR				ON CALL																			
NOTES	[1] B192 BACKUP U/L SUPPORT HP DRV ON >= 11:10																											
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:	MAY 12														MAY 13													



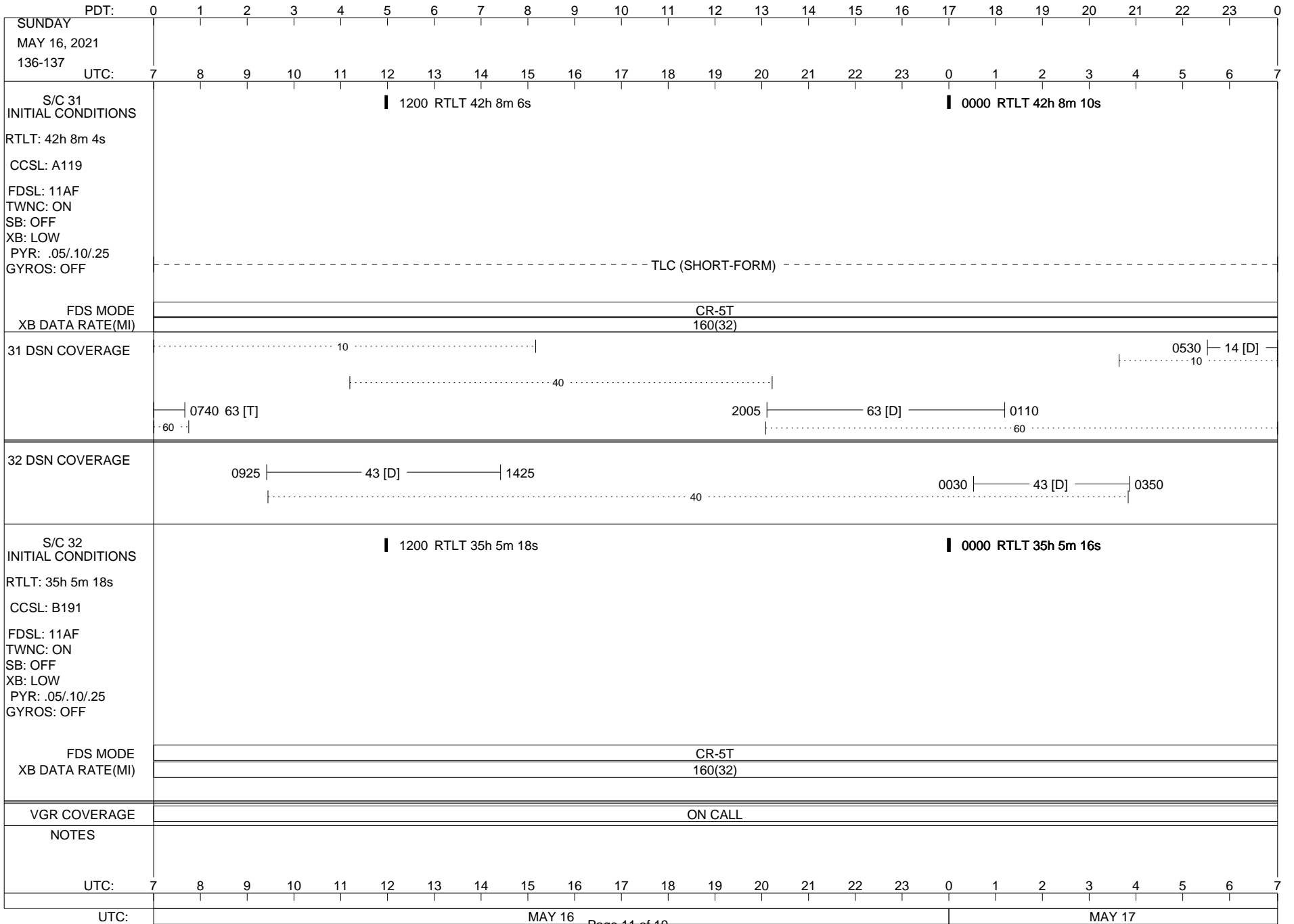
ISSUE DATE: 05/04/21 13:56



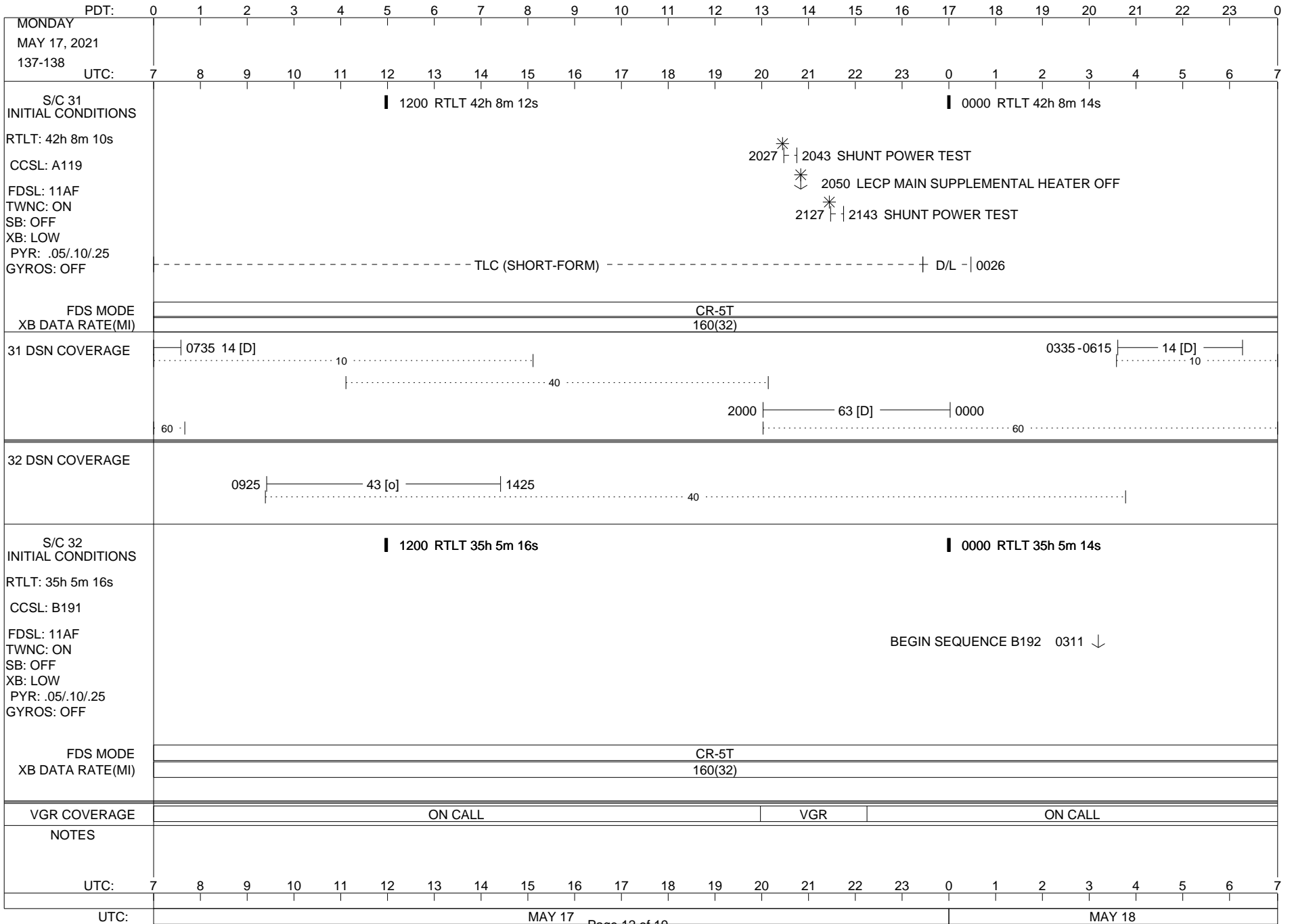
ISSUE DATE: 05/04/21 13:56

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			
SATURDAY MAY 15, 2021 135-136																												
S/C 31 INITIAL CONDITIONS RTLTL: 42h 8m 0s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 8m 2s														0000 RTLT 42h 8m 4s													
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														160(32)													
31 DSN COVERAGE	14 [D] 0805 10 40 2025 63 [T] 60																											
32 DSN COVERAGE	0930 43 [D] 1330 40																											
S/C 32 INITIAL CONDITIONS RTLTL: 35h 5m 22s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 5m 20s														0000 RTLT 35h 5m 18s													
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														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:	MAY 15														MAY 16													

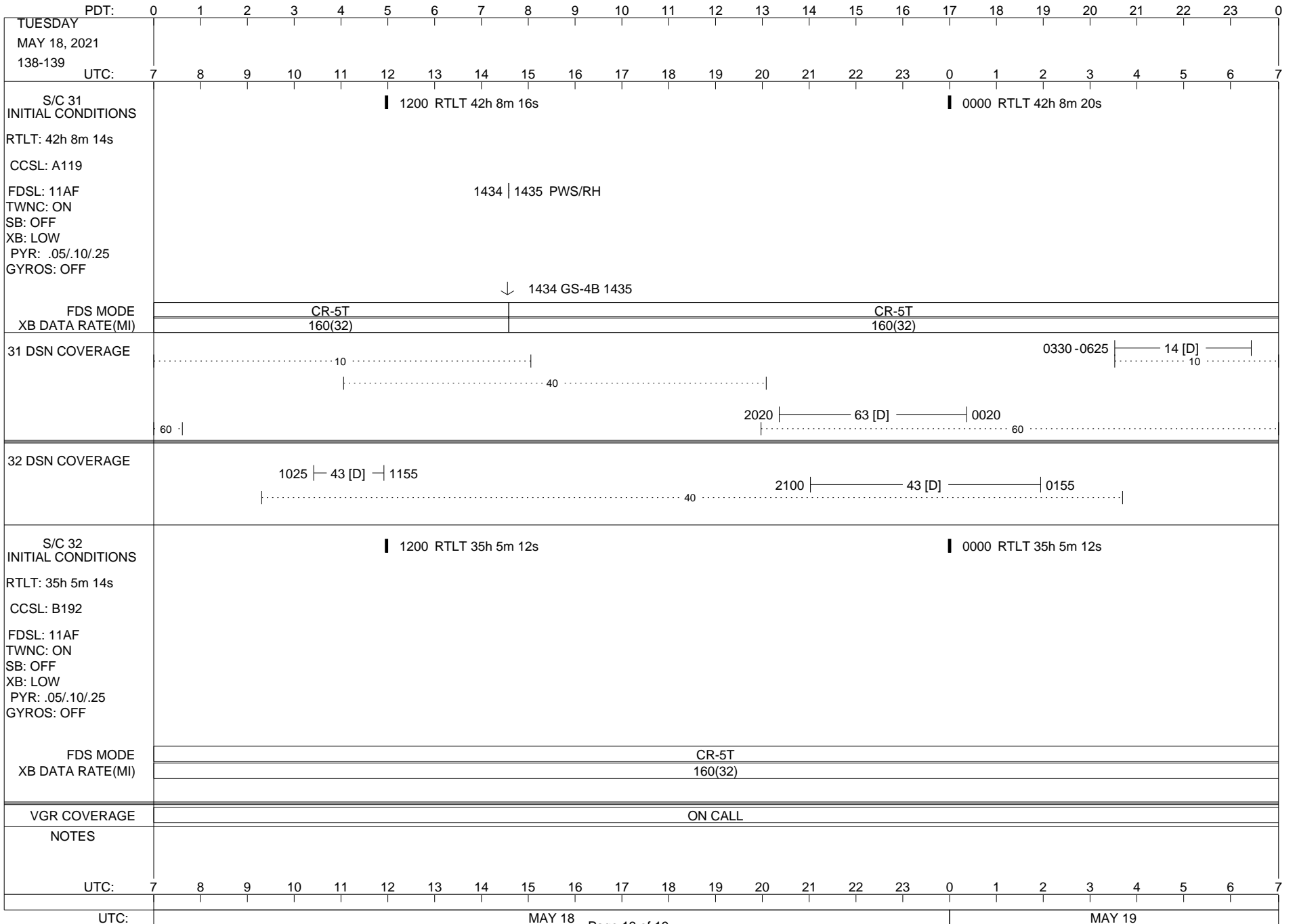
ISSUE DATE: 05/04/21 13:56



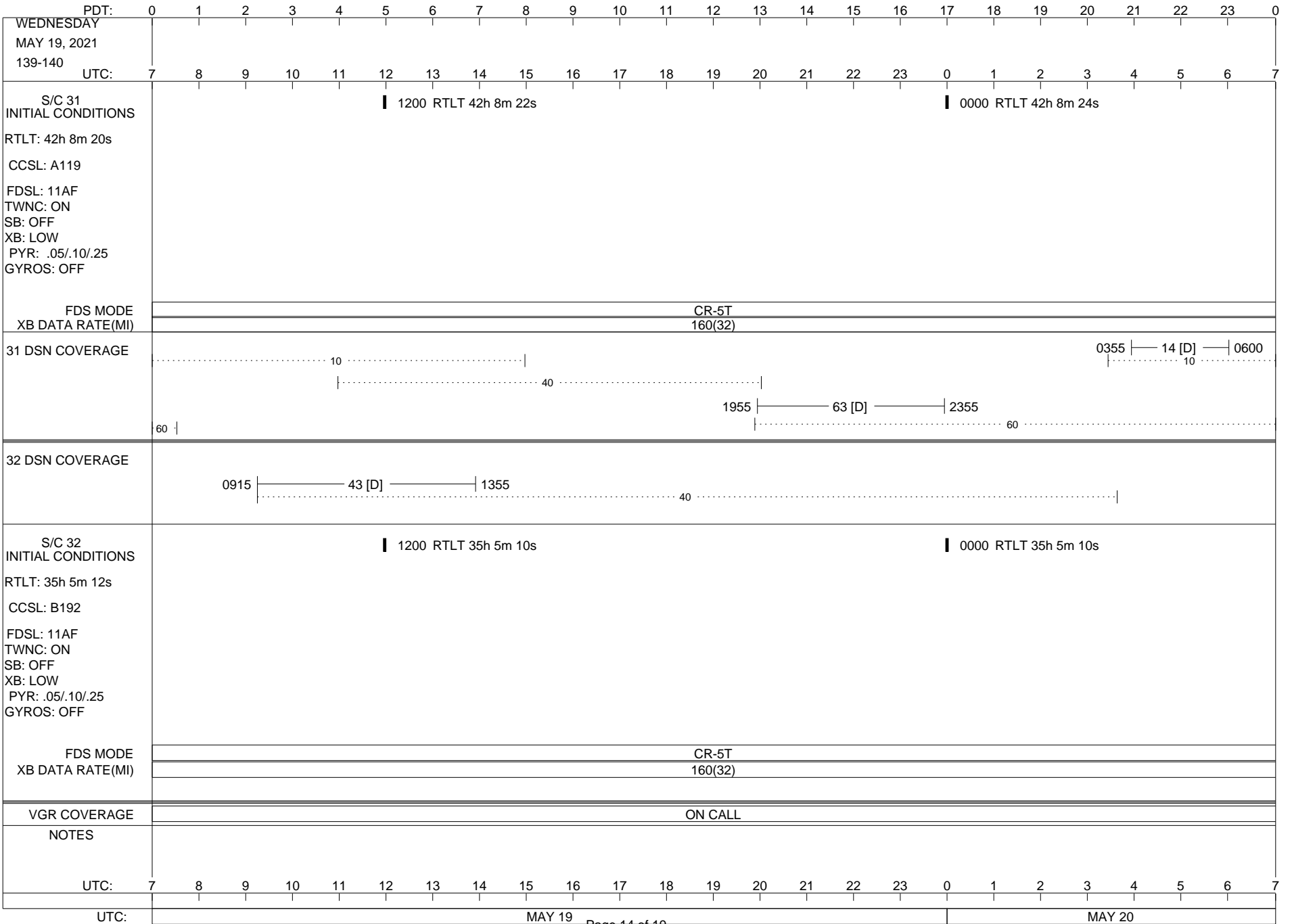
ISSUE DATE: 05/04/21 13:56

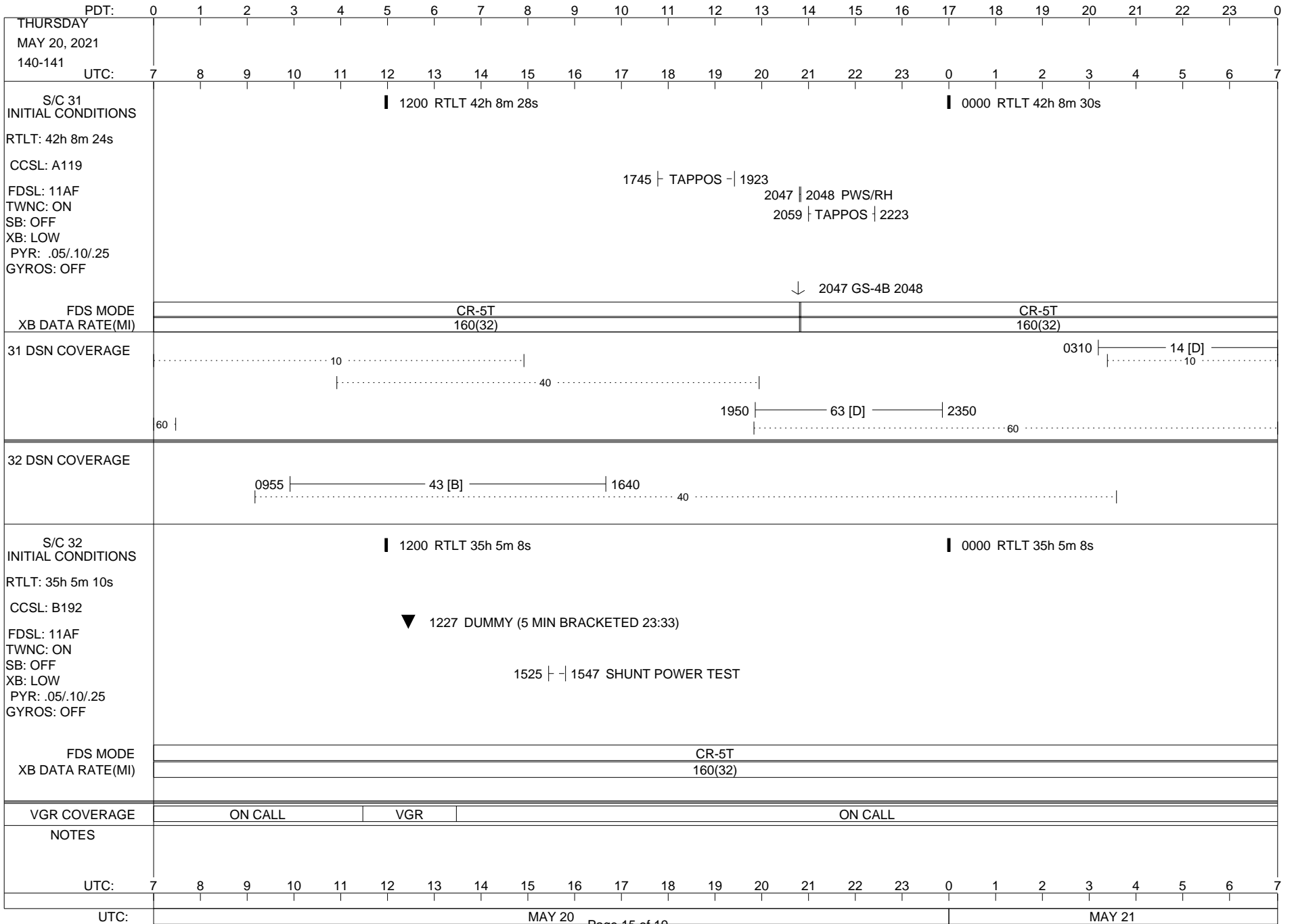


ISSUE DATE: 05/04/21 13:56



ISSUE DATE: 05/04/21 13:56

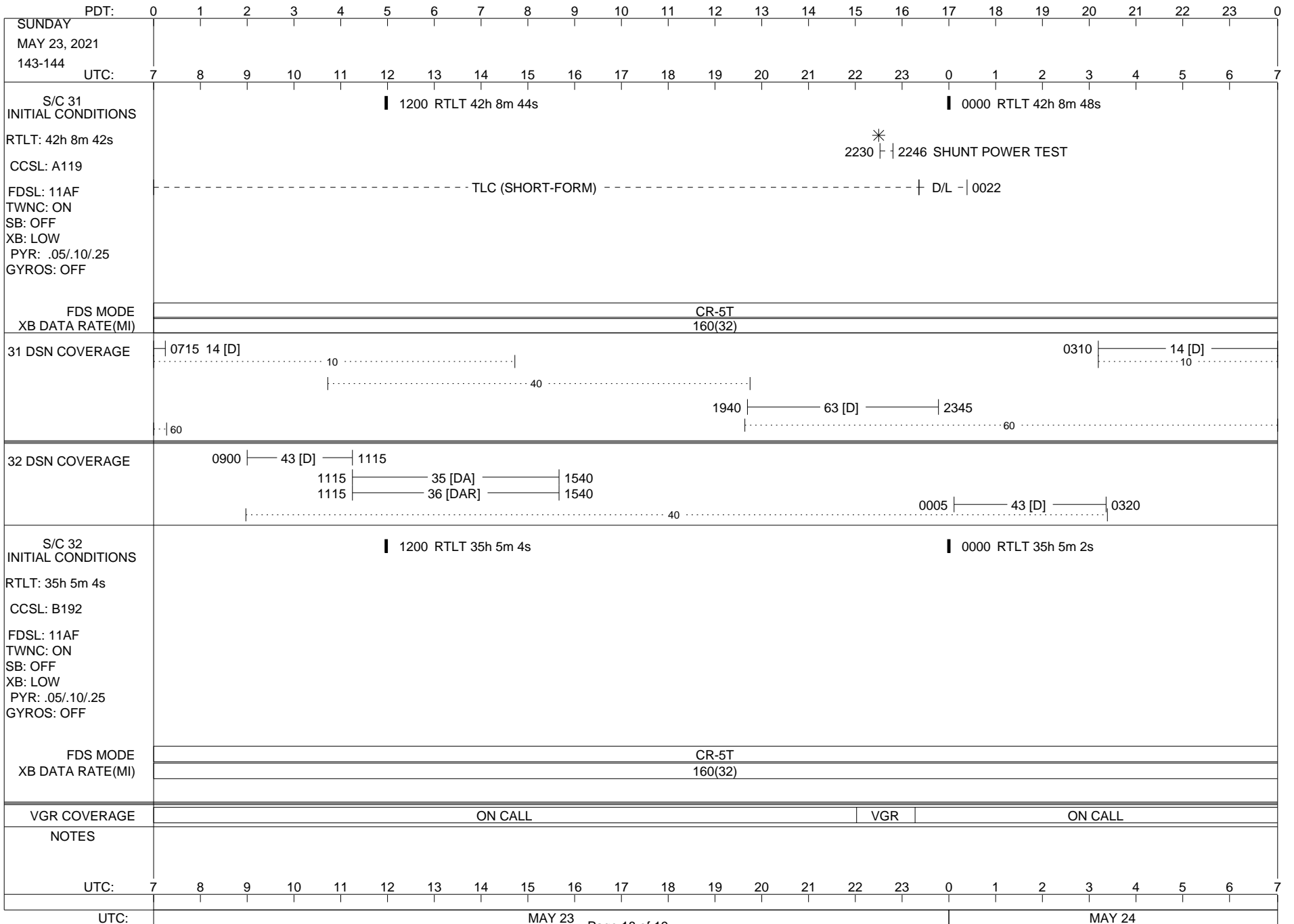




ISSUE DATE: 05/04/21 13:56

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 MAY 21, 2021 141-142																										
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: 42h 8m 30s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 8m 32s												0000 RTLT 42h 8m 36s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	14 [D] 082540..... 60.....												0335 -----14 [T]----- -----10----- 2015 -----63 [D]----- 0015 -----60-----													
32 DSN COVERAGE	0910 -----43 [D]----- 1345 -----40-----												2225 -----43 [D]----- 0330 -----40-----													
S/C 32 INITIAL CONDITIONS RTLT: 35h 5m 8s CCSL: B192 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 5m 6s												0000 RTLT 35h 5m 6s													
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:	MAY 21																		MAY 22							

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 MAY 22, 2021 142-143	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: 42h 8m 36s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 8m 38s												0000 RTLT 42h 8m 42s															
----- TLC (SHORT-FORM) -----																												
														2045 TAPPOS 2210				2347 2348 PWS/RH				2359 - - - - 0109 TAPPOS						
														↓ 2347 GS-4B 2348														
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	14 [T] 0950										0315 14 [D]																	
										10										10								
										40										40								
										1945 63 [D] 0200																		
										60										60								
32 DSN COVERAGE	0935 43 [D] 1500																											
										40																		
S/C 32 INITIAL CONDITIONS RTLTL: 35h 5m 6s CCSL: B192 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 5m 6s												0000 RTLT 35h 5m 4s															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												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:	MAY 22														MAY 23													



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 MAY 24, 2021 144-145																											
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: 42h 8m 48s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 42h 8m 52s</p>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<p>0710 14 [D] -----10----- </p> <p style="margin-left: 100px;"> -----40----- </p> <p>60</p>																										
32 DSN COVERAGE	<p>0955 -----43 [D]----- 1305</p> <p style="margin-left: 100px;">1245 -----35 [DA]----- 1710</p> <p style="margin-left: 100px;">1245 -----36 [DAR]----- 1710</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 35h 5m 2s CCSL: B192 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 35h 5m 2s</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:	MAY 24													MAY 25													