

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: June 9, 2021

For the Period: 06/10/21 to 07/28/21 (21/161 – 21/179)



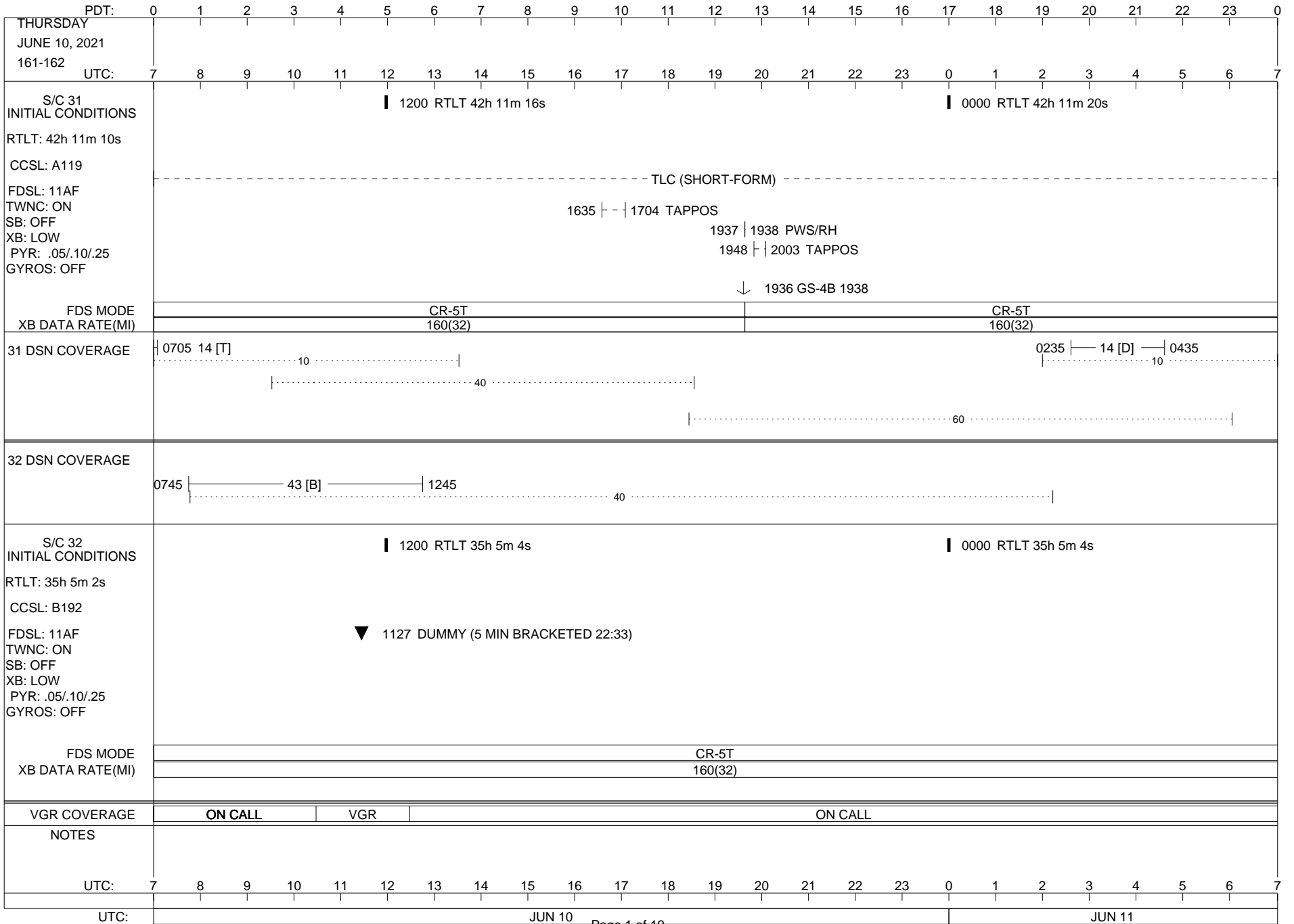
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

LEGEND:

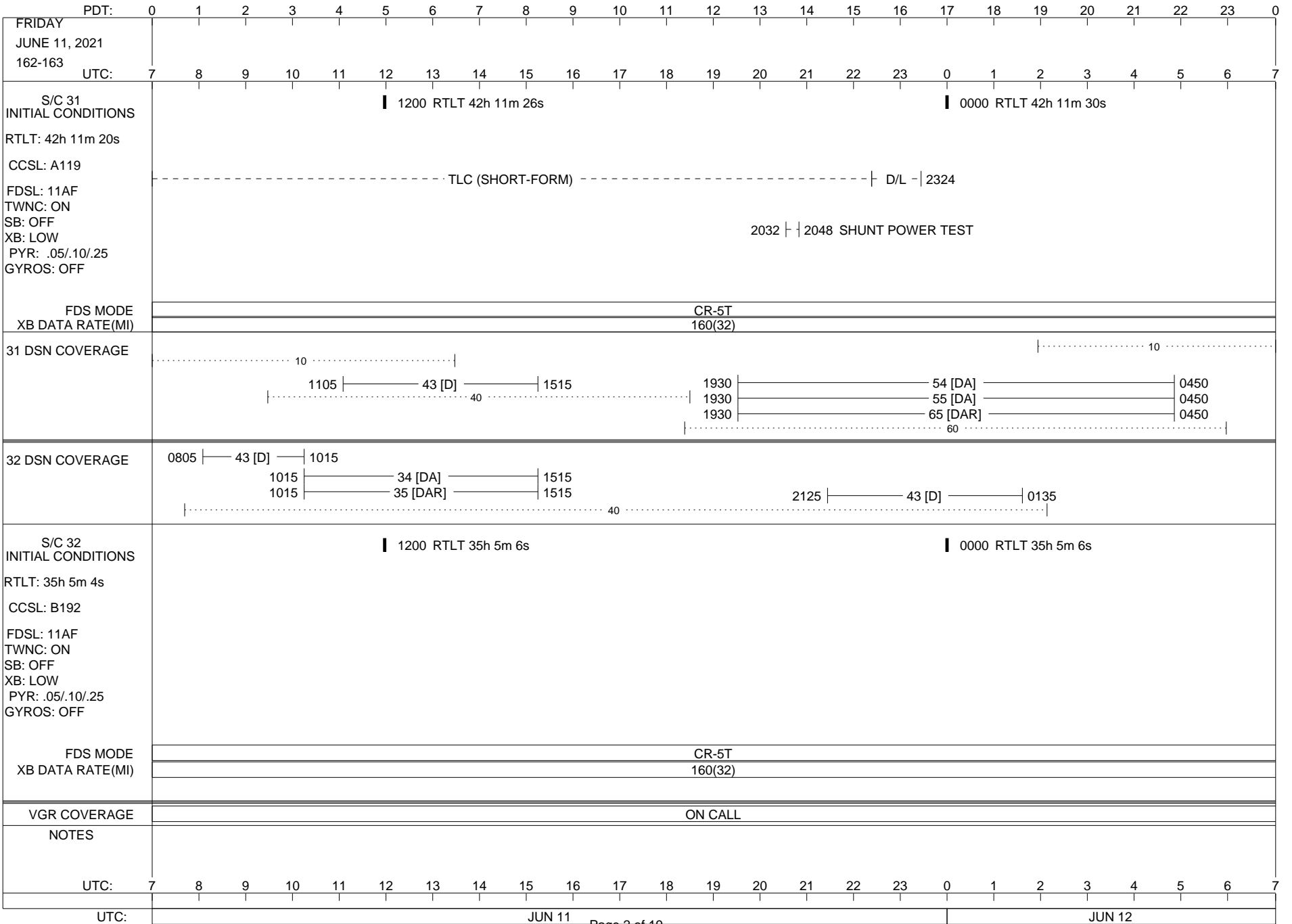
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- * = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U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

02/27/19

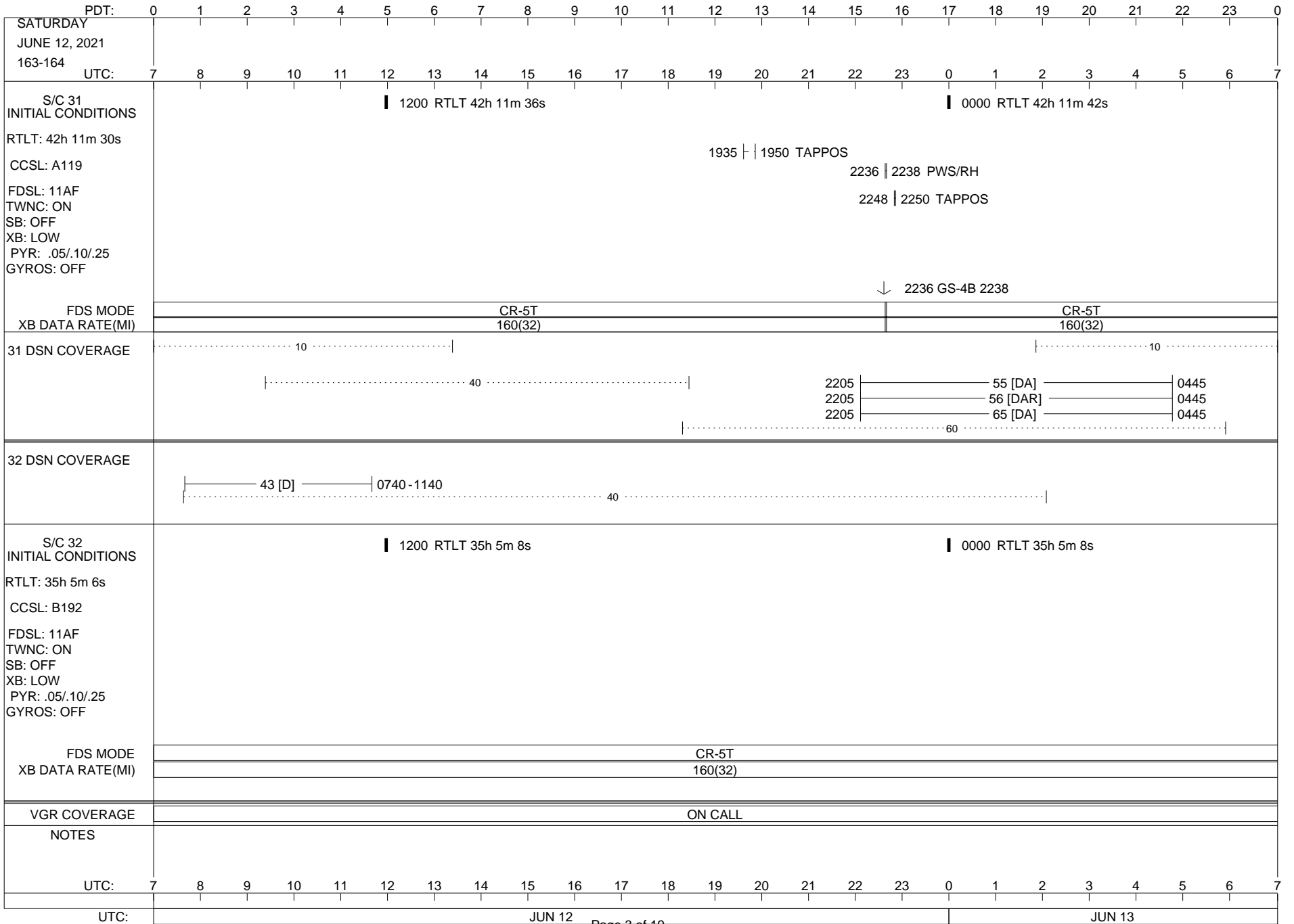
ISSUE DATE: 06/08/21 16:09



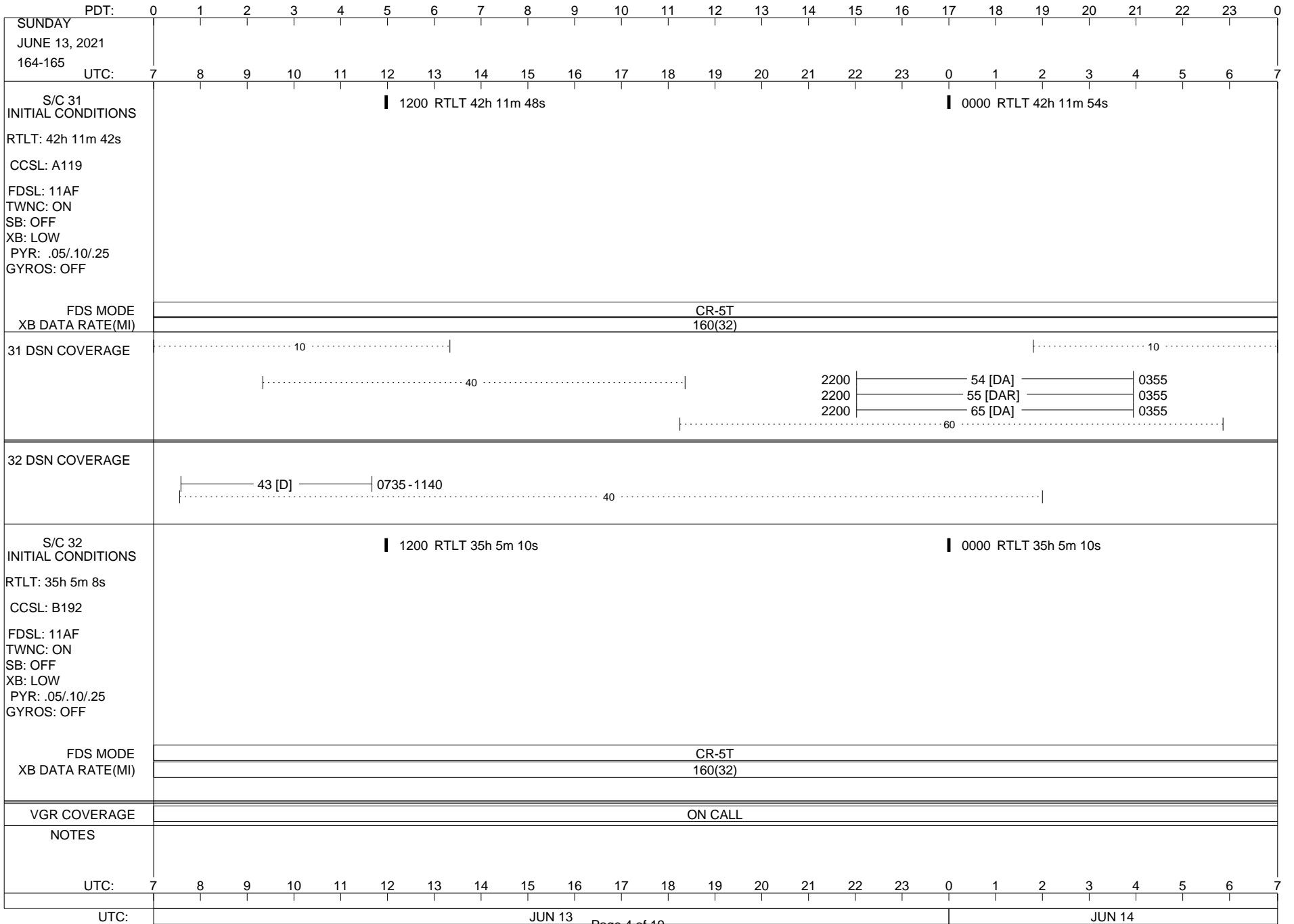
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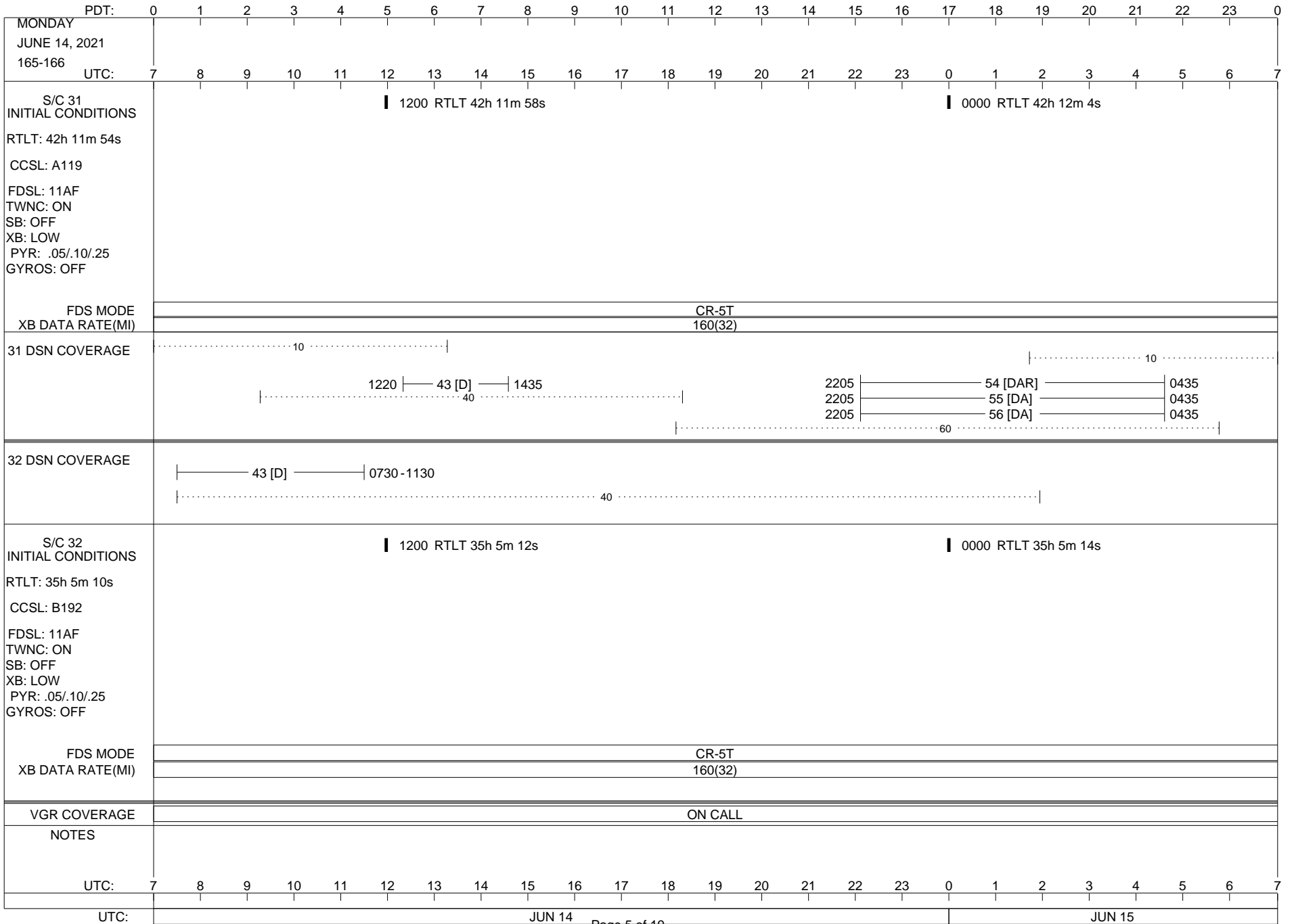
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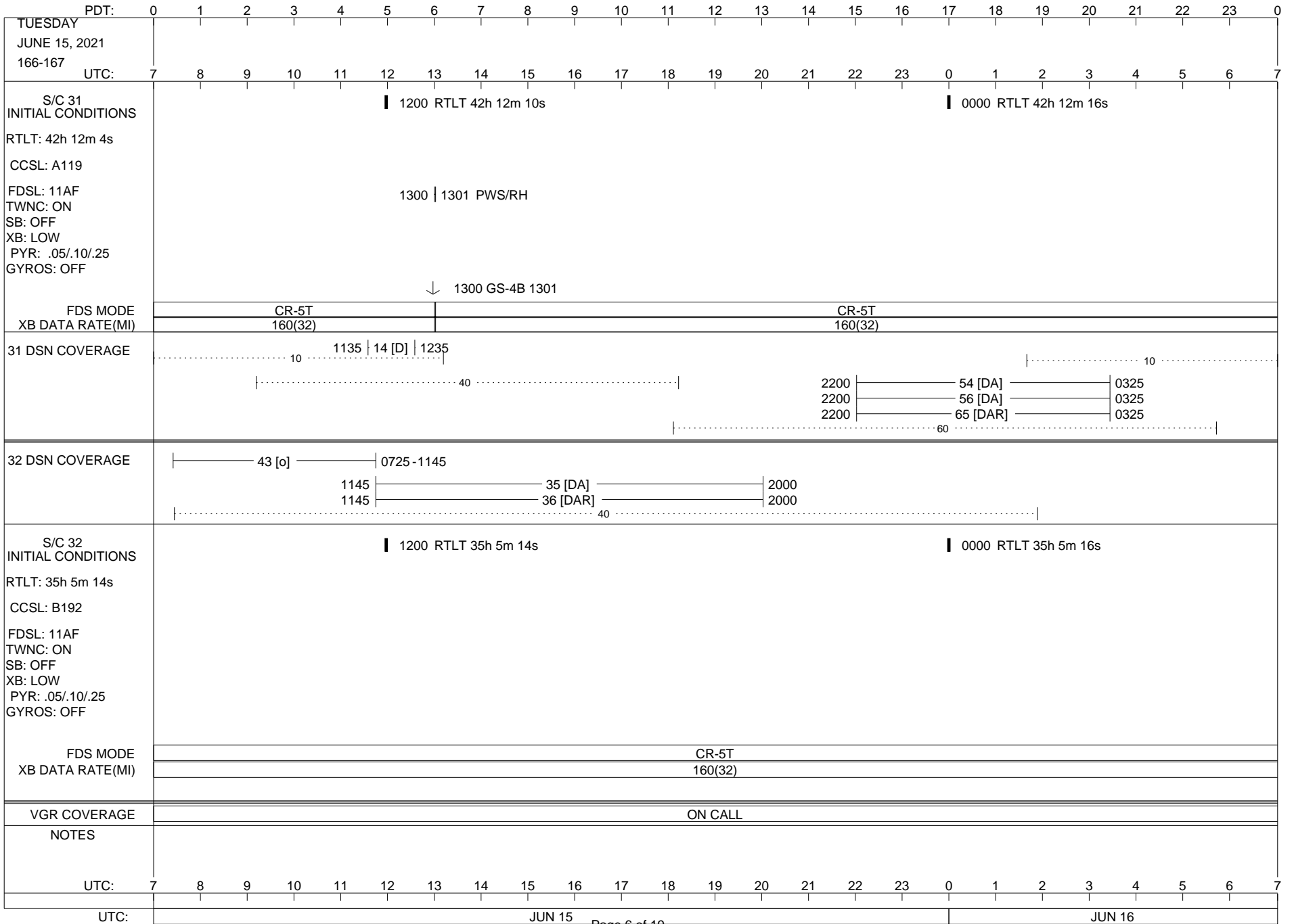


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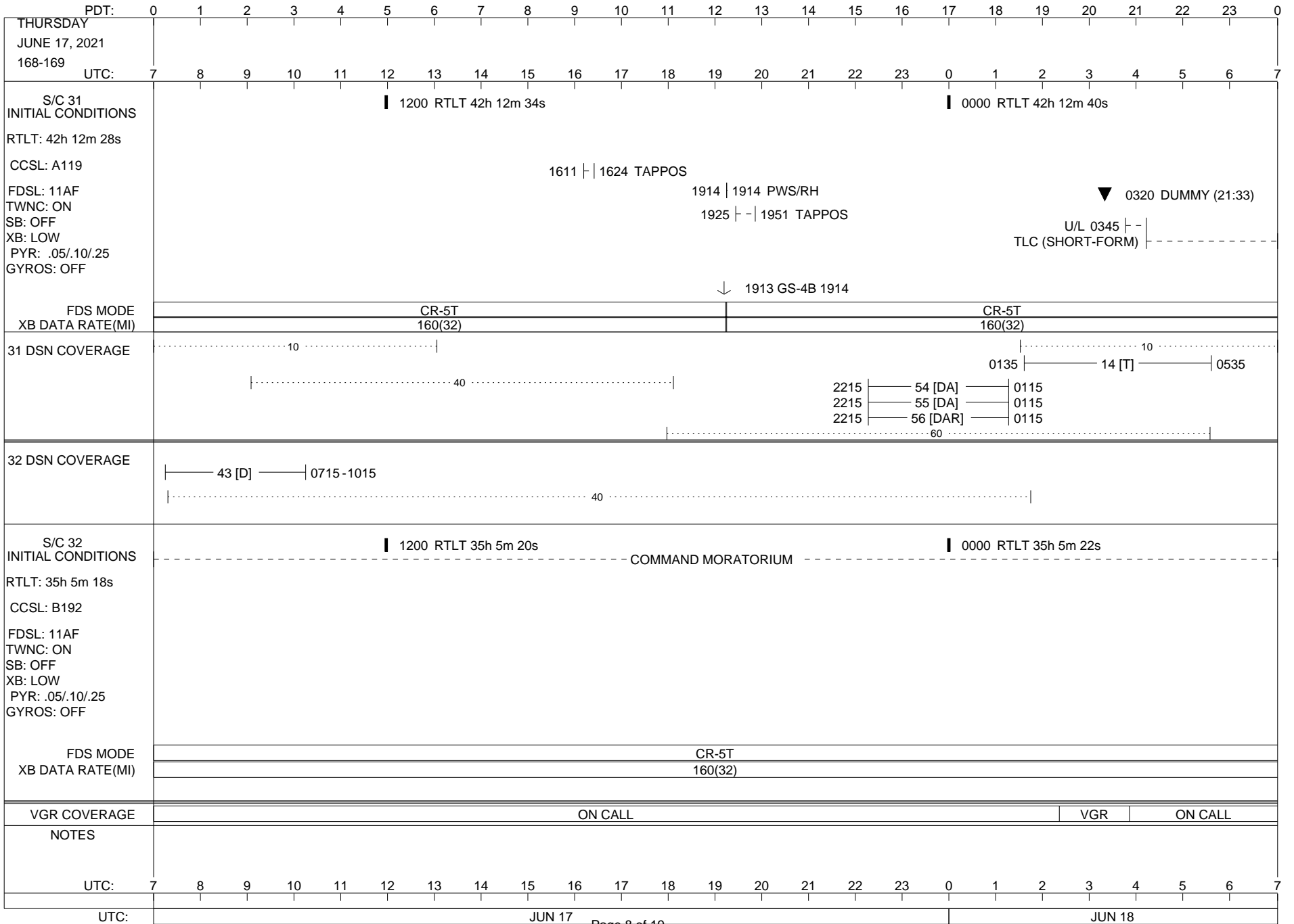




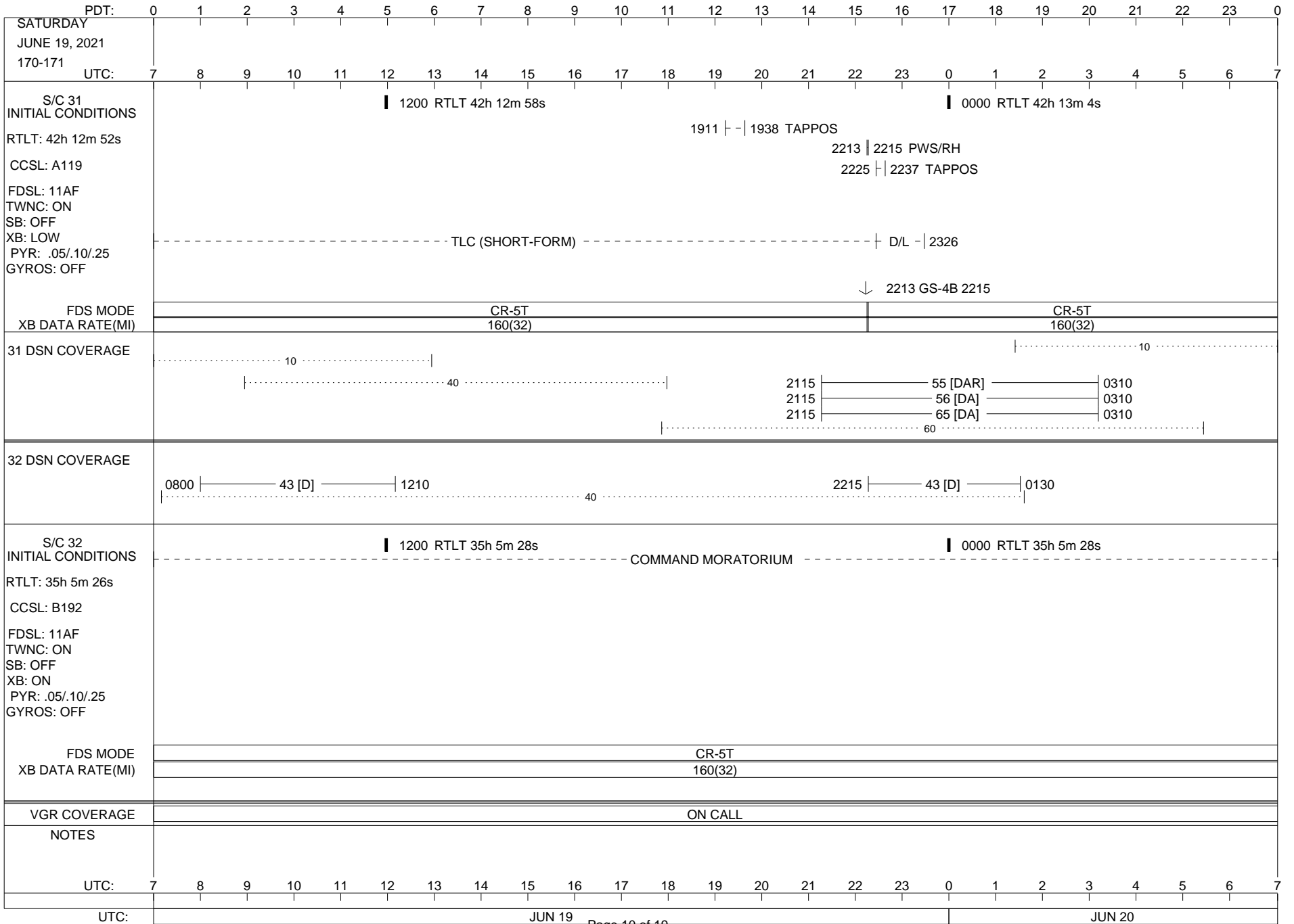
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WEDNESDAY JUNE 16, 2021 167-168																												
S/C 31 INITIAL CONDITIONS RTLT: 42h 12m 16s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 12m 22s												0000 RTLT 42h 12m 28s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE	1025 14 [D] 1305 10												2050 54 [DAR] 0320 2050 55 [DA] 0320 2050 56 [DA] 0320 60															
32 DSN COVERAGE	1640 35 [DAR] 1830 1640												43 [BA] 0145 40															
S/C 32 INITIAL CONDITIONS RTLT: 35h 5m 16s CCSL: B192 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 5m 18s												0000 RTLT 35h 5m 18s COMMAND MORATORIUM 0550 - - - -															
													↓ 1718 PYR=.05/.05/05 1722 - 1754 ASCAL ↓ 1754 ROLL=.05/.10/.25 ↓ 1757 AAC SIN FCP SWAP TABLE NOP ↓ 1758 1 SID MRO ▼ 2027 DUMMY (5 MIN BRACKETED 07:33)															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												EL-40 40(30)				CR-5T 160(32)											
VGR COVERAGE	ON CALL												VGR				VGR				ON CALL							
NOTES																												
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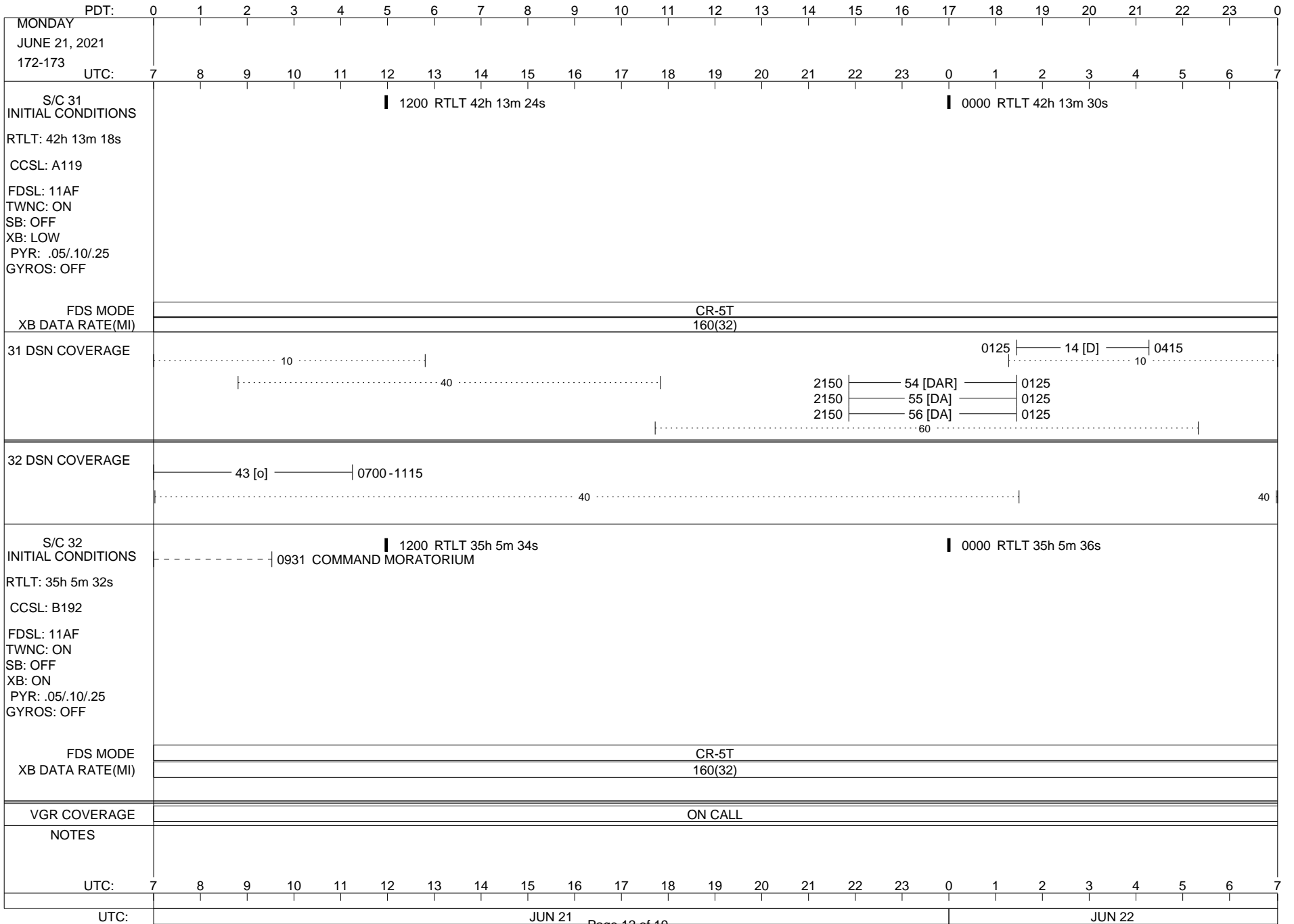
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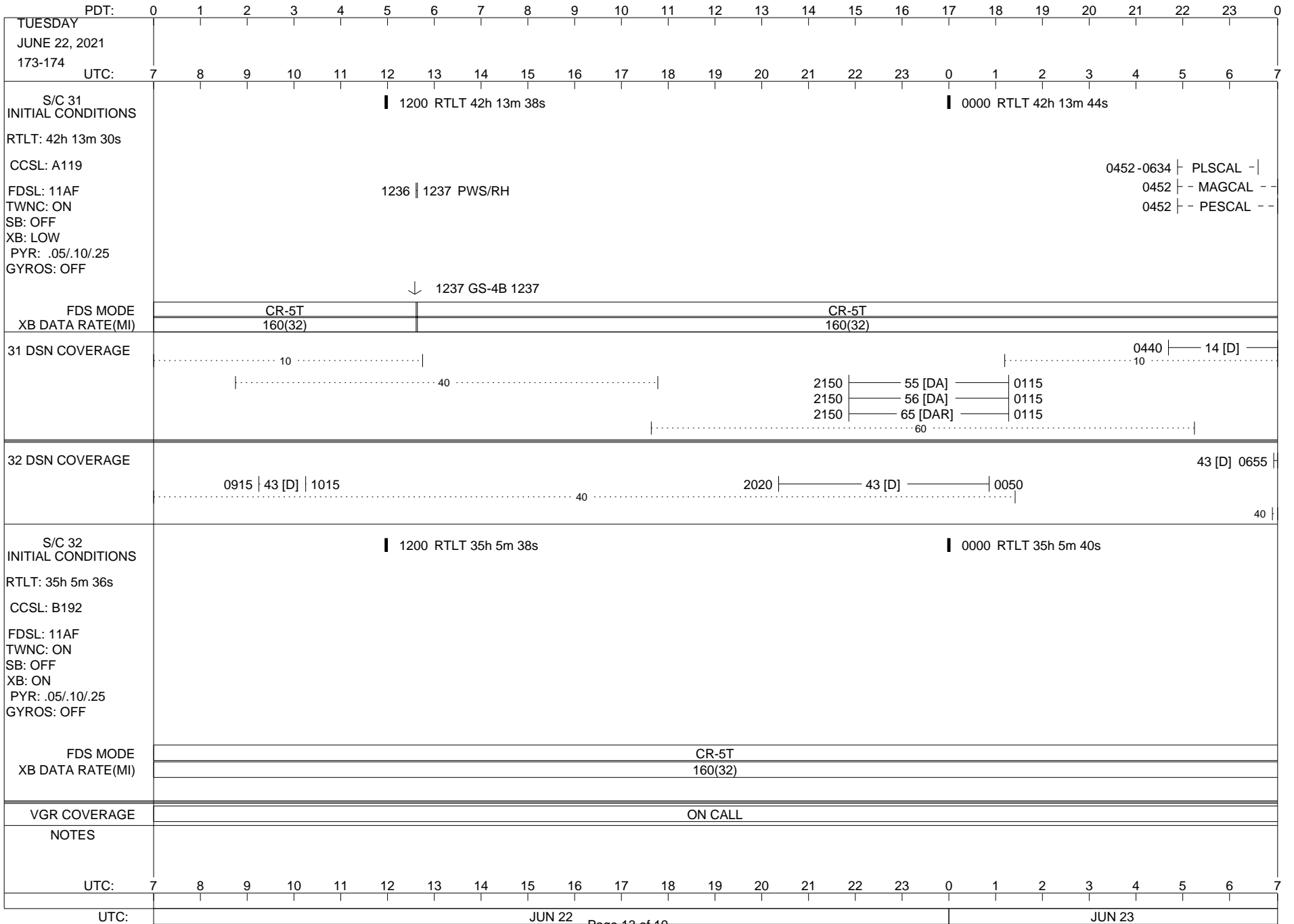
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FRIDAY JUNE 18, 2021 169-170																																									
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S/C 31 INITIAL CONDITIONS RTLT: 42h 12m 40s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 12m 46s												0000 RTLT 42h 12m 52s																												
----- TLC (SHORT-FORM) -----																																									
FDS MODE	CR-5T													CR-5T																											
XB DATA RATE(MI)	160(32)													160(32)																											
31 DSN COVERAGE 10 40										2100 ----- 54 [DA] ----- 0115							2100 ----- 55 [DA] ----- 0115							2100 ----- 65 [DAR] ----- 0115						
																					0200 ----- 14 [D] ----- 0400						 10													
32 DSN COVERAGE	43 [D] 0715-0815										1555 ----- 35 [DAR] ----- 1825										1555 ----- 43 [DA] ----- 0000																				
										 40 60																				
S/C 32 INITIAL CONDITIONS RTLT: 35h 5m 22s CCSL: B192 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 5m 24s												0000 RTLT 35h 5m 26s																												
----- COMMAND MORATORIUM -----																																									
<ul style="list-style-type: none"> ↓ 1626 BAY 1 HTR OFF ↓ 1626 GYROS BC ON ↓ 1627 GYRO INIT ↓ 1636 GYRO FAULT TEST ↓ 1657 AAI 1659 ----- 1732 MAGROL ----- ↓ 1739 RAI ↓ 1745 GYROS OFF ↓ 1753 BAY 1 HTR ON ↓ 1629 EL-40 1631 																																									
FDS MODE	CR-5T													CR-5T																											
XB DATA RATE(MI)	160(32)													160(32)																											
VGR COVERAGE	ON CALL													VGR							ON CALL																				
NOTES																																									
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UTC:	JUN 18																				JUN 19																				



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SUNDAY JUNE 20, 2021 171-172	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
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S/C 31 INITIAL CONDITIONS RTLTL: 42h 13m 4s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 13m 12s												0000 RTLT 42h 13m 18s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE10.....										0120 -----14 [D]----- 035010.....														
40.....										2015 -----55 [DA]----- 0115 2015 -----56 [DA]----- 0115 2015 -----65 [DAR]----- 011560.....														
32 DSN COVERAGE	-----43 [D]----- 0705-1055										1900 -----43 [D]----- 012540.....														
43 [o] 0700																									
S/C 32 INITIAL CONDITIONS RTLTL: 35h 5m 28s CCSL: B192 FDSL: 11AF TWNC: ON SB: OFF XB: ON PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 5m 30s												0000 RTLT 35h 5m 32s												
COMMAND MORATORIUM	-----																								
													↓ 1929 BAY 1 HTR OFF ↓ 1929 GYROS AC ON 1937 --- 2028 CONDITIONING ↓ 2028 GYROS OFF ↓ 2037 BAY 1 HTR ON												
													↓ 1931 EL-40 1932												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												VGR						ON CALL						
NOTES																									
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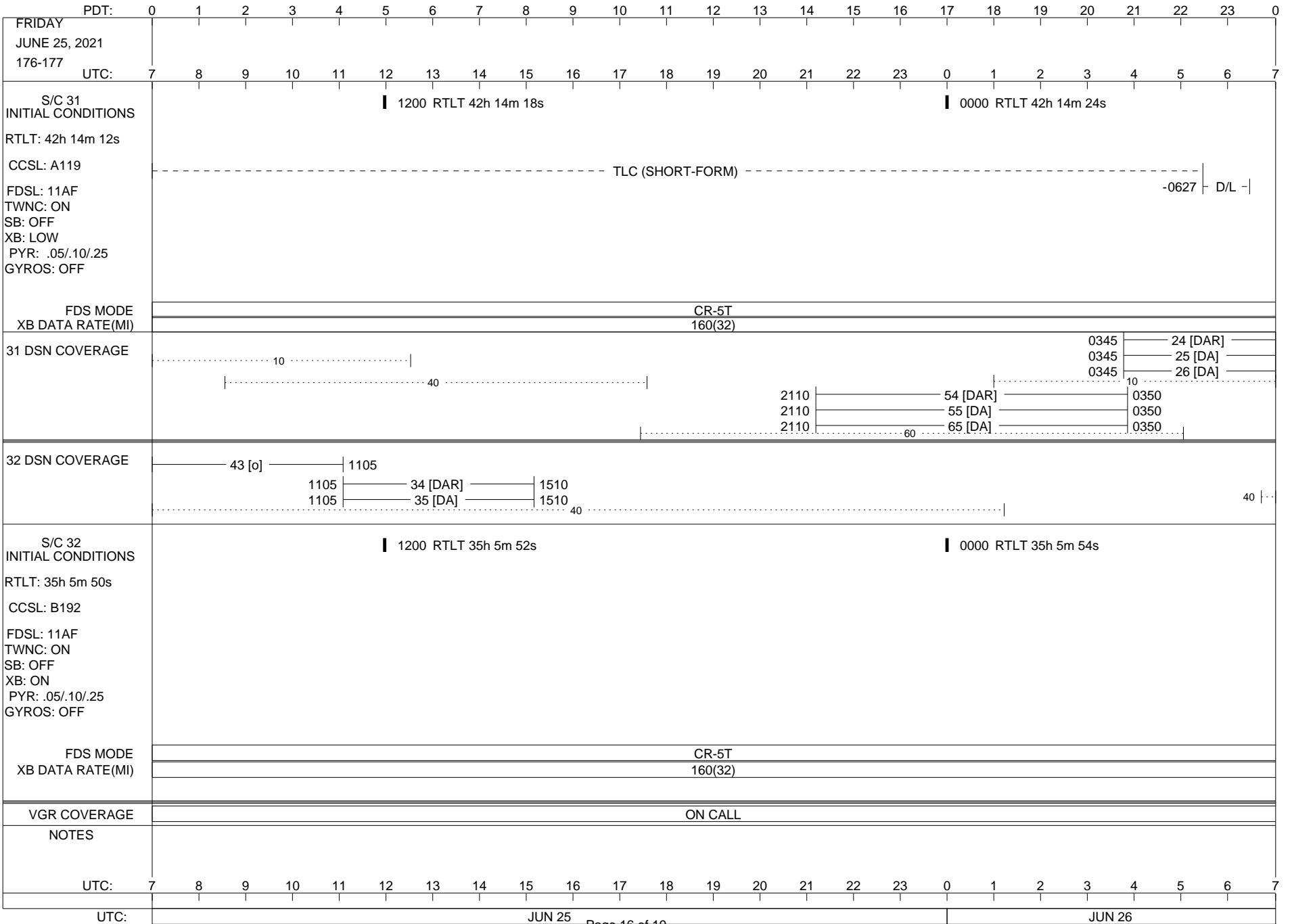
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S/C 31 INITIAL CONDITIONS RTLT: 42h 13m 44s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 13m 50s												0000 RTLT 42h 13m 58s														
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																										
31 DSN COVERAGE	14 [D] 0915 10												1215 43 [D] 1345 40														
	2045 55 [DAR] 0330 2045 56 [DA] 0330 2045 65 [DA] 0330 60																										
32 DSN COVERAGE	43 [D] 1125 1115 34 [DAR] 1345 1115 35 [DA] 1345 40												2045 43 [B] 2230 40														
S/C 32 INITIAL CONDITIONS RTLT: 35h 5m 40s CCSL: B192 FDSL: 11AF TWNC: ON SB: OFF XB: ON PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 5m 42s												0000 RTLT 35h 5m 46s														
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												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			
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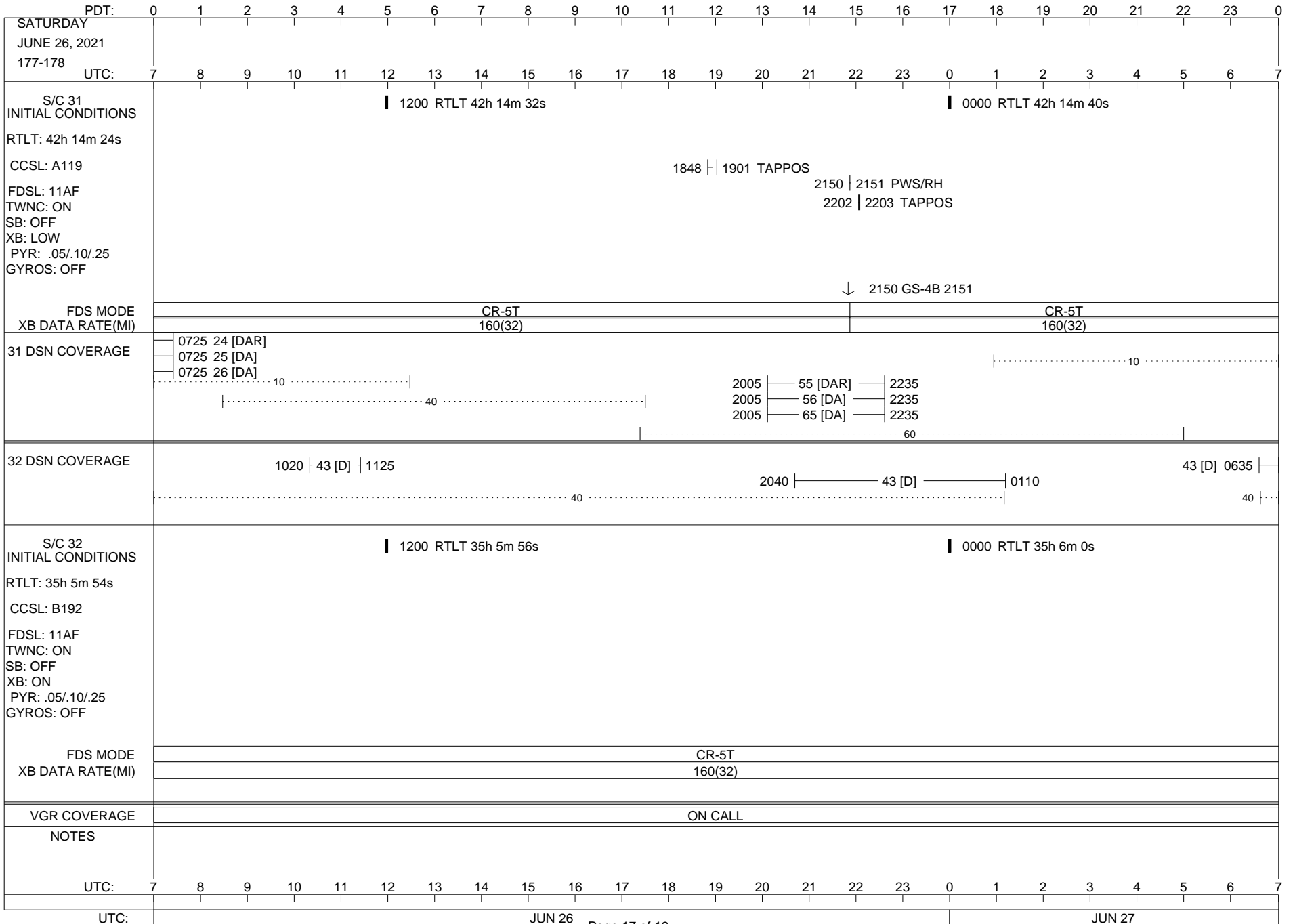
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THURSDAY JUNE 24, 2021 175-176																													
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S/C 31 INITIAL CONDITIONS RTLT: 42h 13m 58s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		█ 1200 RTLT 42h 14m 4s														█ 0000 RTLT 42h 14m 12s													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)														CR-5T 160(32)													
31 DSN COVERAGE		<p>.....10..... </p> <p>0840 ----- 43 [T] ----- 1255</p> <p>2030 ----- 55 [DA] ----- 0115</p> <p>2030 ----- 56 [DA] ----- 0115</p> <p>2030 ----- 65 [DAR] ----- 0115</p> <p>0105 ----- 14 [D] ----- 0335</p> <p>.....60..... </p>																											
32 DSN COVERAGE		<p>0920 ----- 34 [DAR] ----- 1255</p> <p>0920 ----- 35 [DA] ----- 1255</p> <p>2140 ----- 43 [D] ----- 0115</p> <p>.....40..... </p> <p>.....40..... </p> <p>43 [o] 0650 </p>																											
S/C 32 INITIAL CONDITIONS RTLT: 35h 5m 46s CCSL: B192 FDSL: 11AF TWNC: ON SB: OFF XB: ON PYR: .05/.10/.25 GYROS: OFF		█ 1200 RTLT 35h 5m 48s														█ 0000 RTLT 35h 5m 50s													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)																											
VGR COVERAGE		ON CALL							VGR							ON CALL													
NOTES																													
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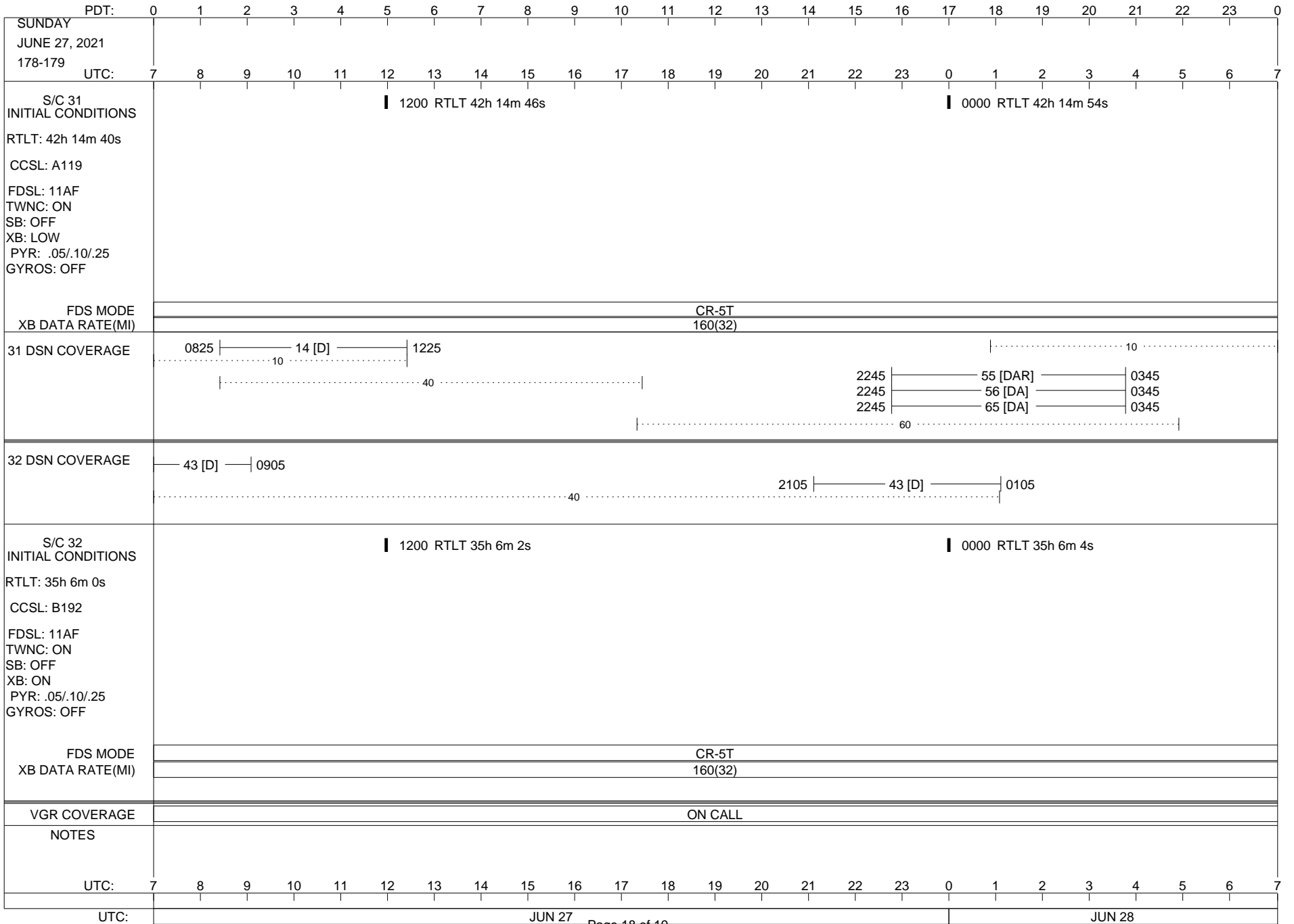
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S/C 31 INITIAL CONDITIONS RTLT: 42h 14m 54s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 15m 0s																								
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE 10 40																								
32 DSN COVERAGE	1700 ----- 43 [D] ----- 2140																								
S/C 32 INITIAL CONDITIONS RTLT: 35h 6m 4s CCSL: B192 FDSL: 11AF TWNC: ON SB: OFF XB: ON PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 6m 8s																								
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE	ON CALL																								
NOTES																									
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