

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: August 11, 2021

For the Period: 08/12/21 to 08/30/21 (21/224 – 21/242)



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

LEGEND:

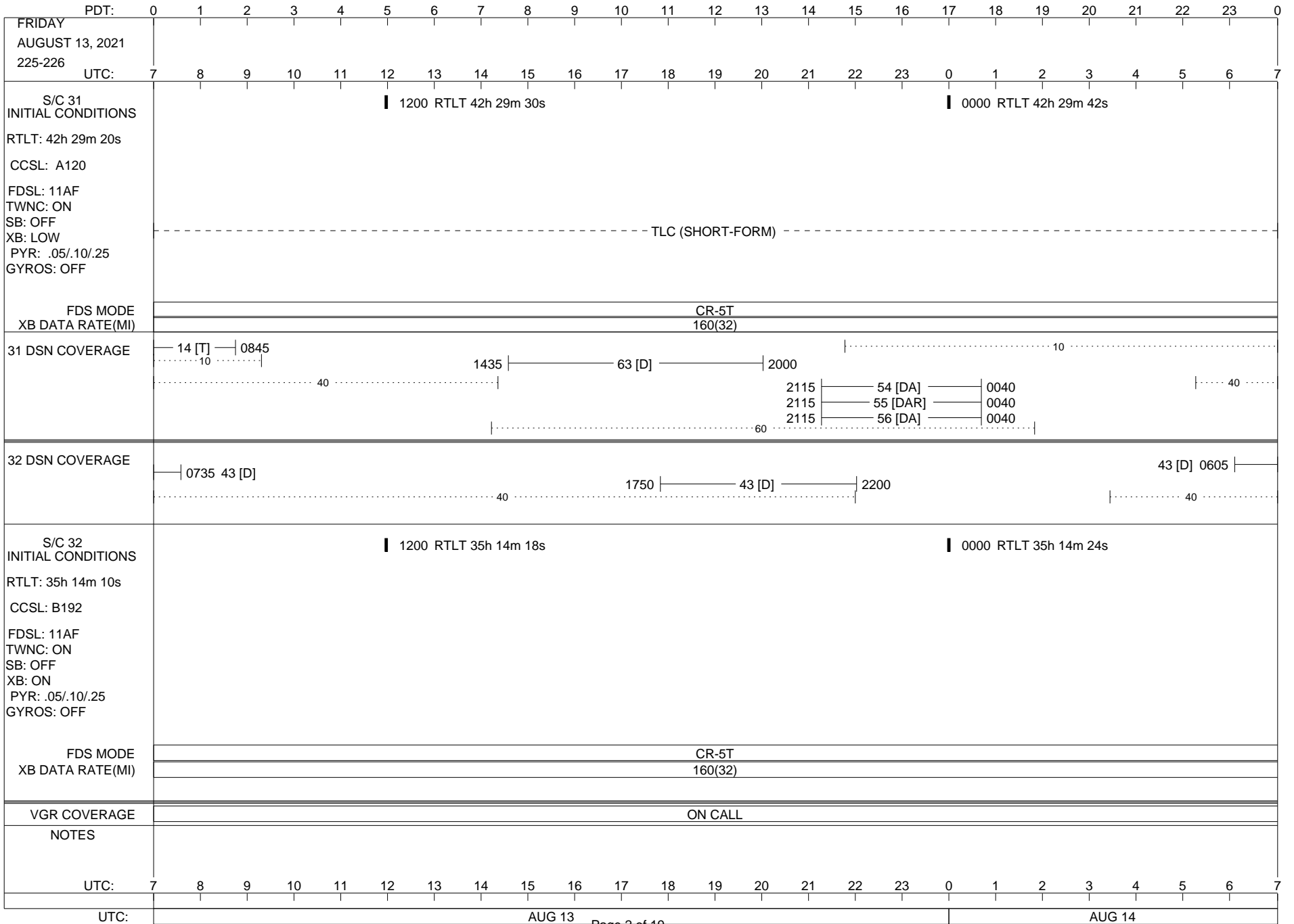
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- * = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U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

02/27/19

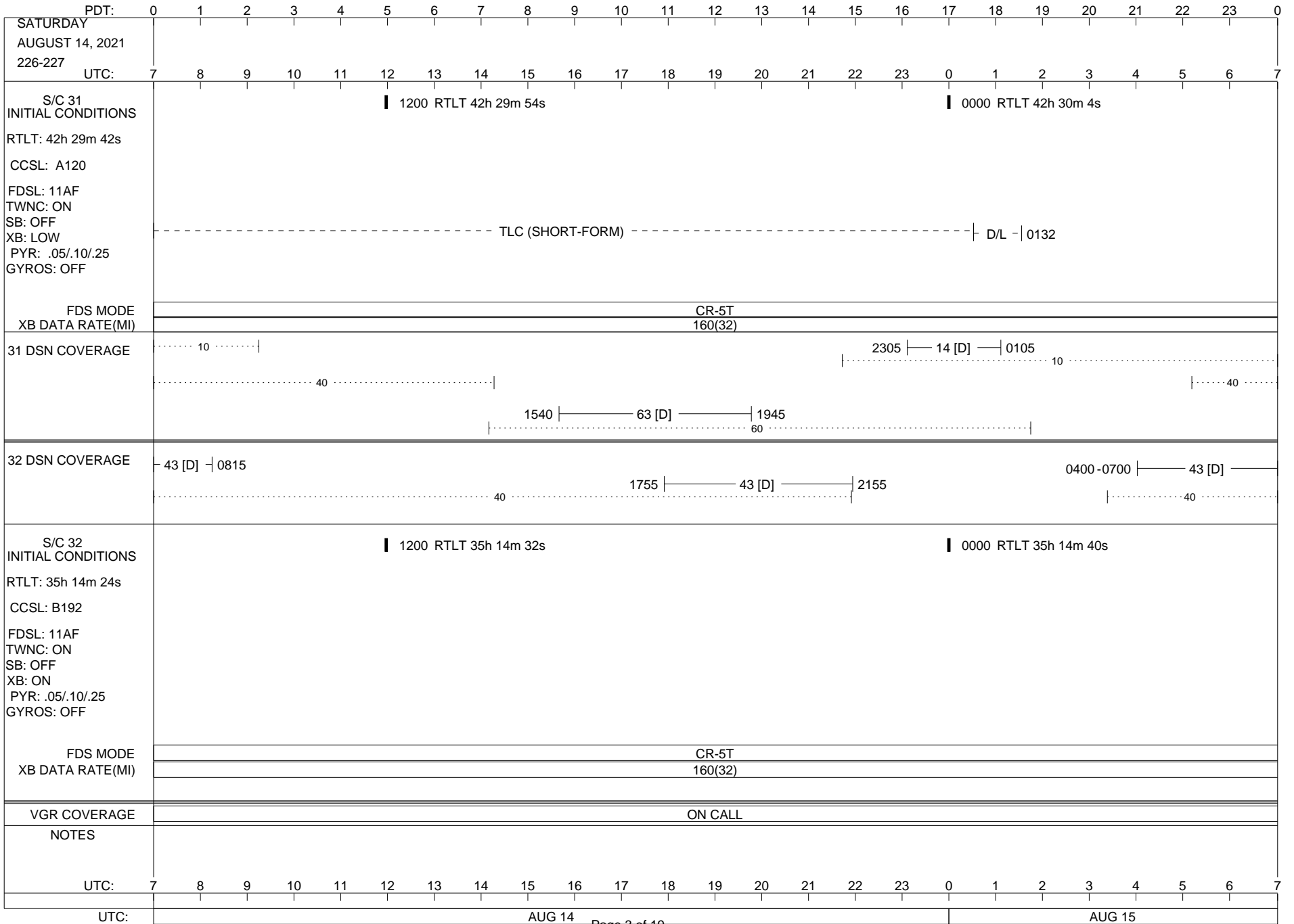
ISSUE DATE: 08/17/21 12:00

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 AUGUST 12, 2021 224-225																									
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 28m 58s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/05/.25 GYROS: OFF																									
FDS MODE																									
XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 35h 13m 54s CCSL: B192 FDSL: 11AF TWNC: ON SB: OFF XB: ON PYR: .05/10/.25 GYROS: OFF																									
FDS MODE																									
XB DATA RATE(MI)																									
VGR COVERAGE	VGR																								
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:																									

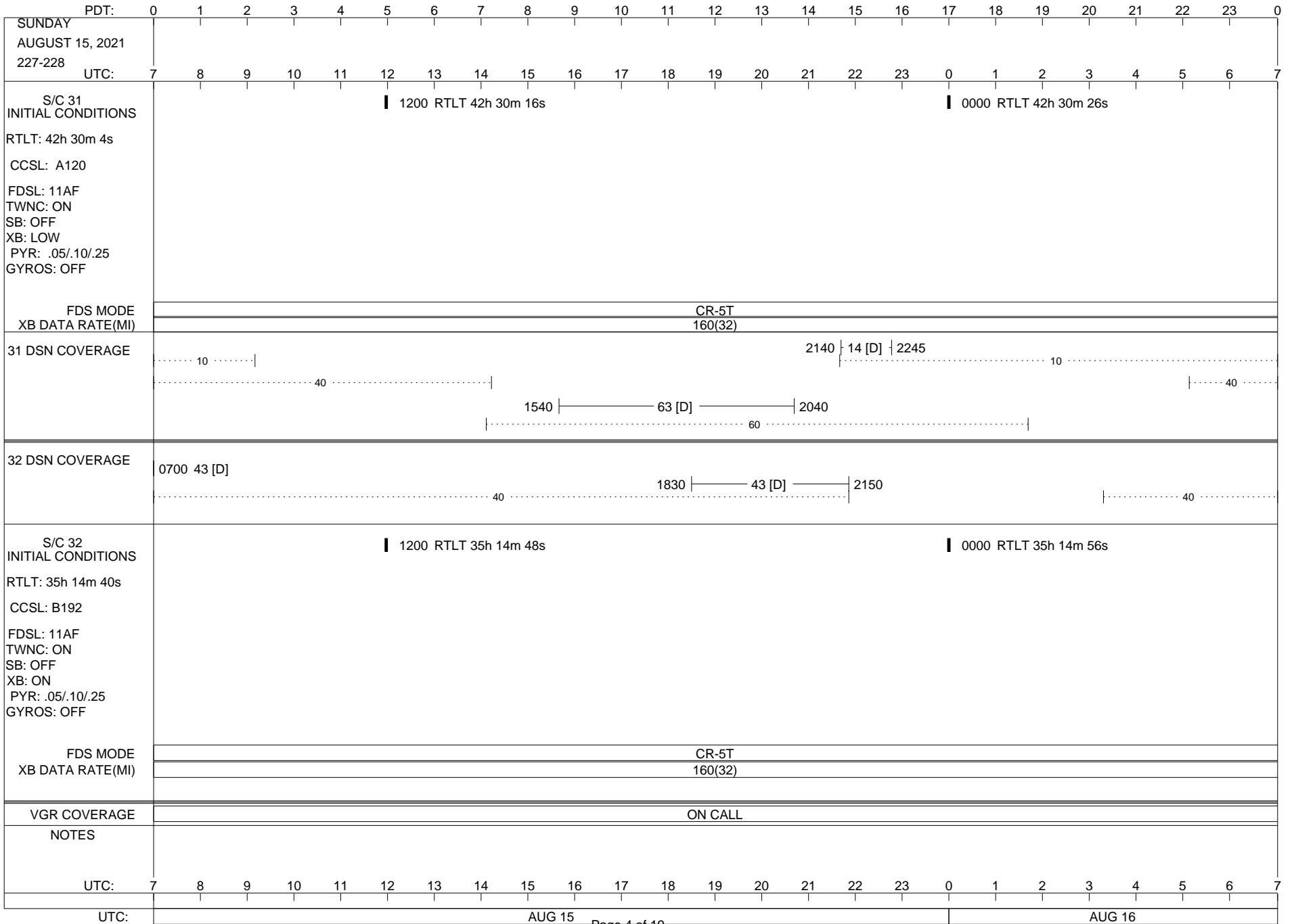
ISSUE DATE: 08/17/21 12:00



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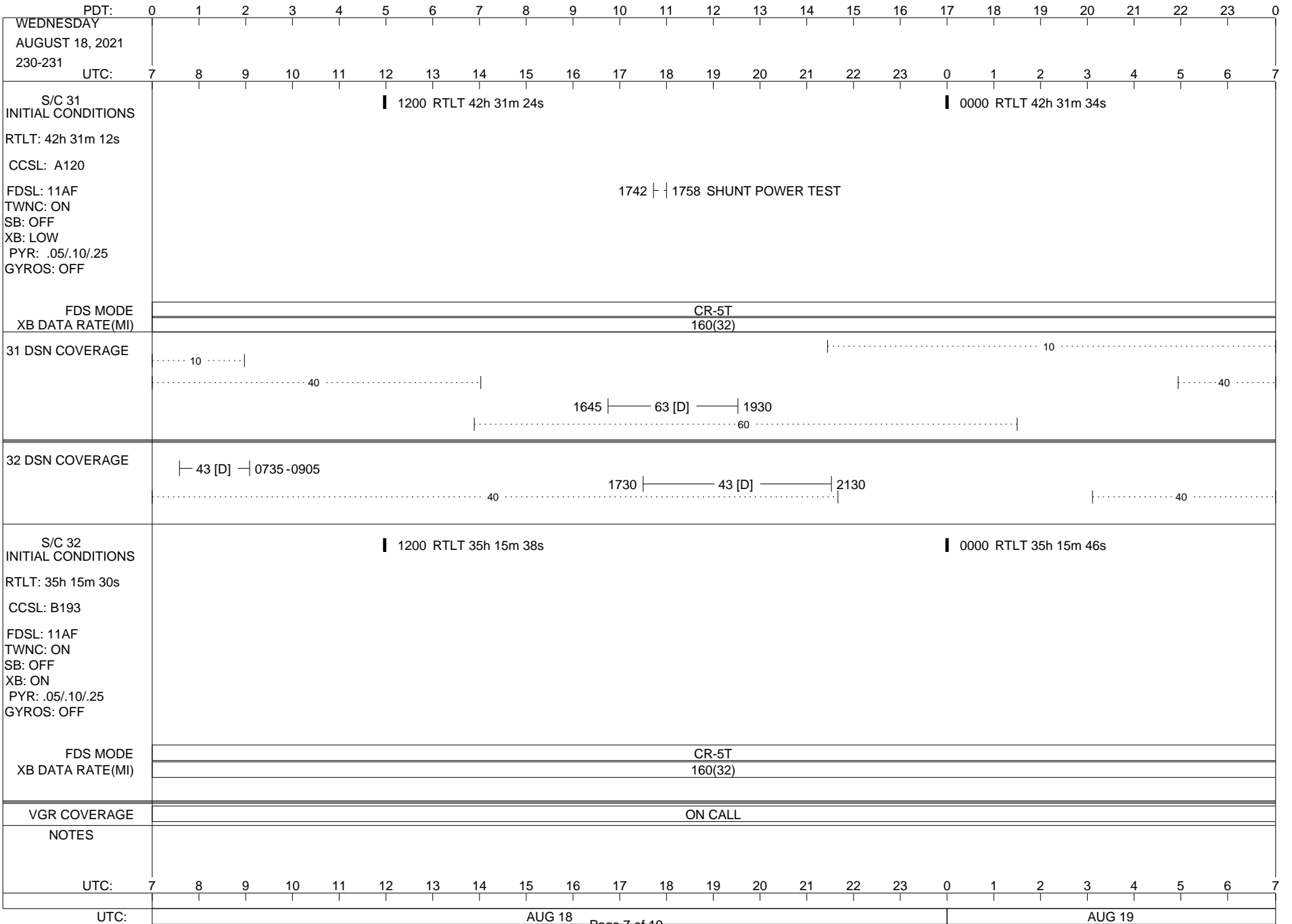
ISSUE DATE: 08/17/21 12:00

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MONDAY AUGUST 16, 2021 228-229																									
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S/C 31 INITIAL CONDITIONS RTLT: 42h 30m 26s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 30m 38s												0000 RTLT 42h 30m 50s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	..... 10 .....|												0045 |----- 14 [D] -----| 0445											
	..... 40 .....|												1725 |----- 63 [D] -----| 2125											
	|----- 60 -----|												|----- 40 -----|												
32 DSN COVERAGE	0820 |----- 43 [D] -----| 1240												43 [red transmitter] 0645 |----- 40 -----|												
S/C 32 INITIAL CONDITIONS RTLT: 35h 14m 56s CCSL: B192 FDSL: 11AF TWNC: ON SB: OFF XB: ON PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 15m 4s												0000 RTLT 35h 15m 12s												
FDS MODE	CR-5T												BEGIN SEQUENCE B193 0316 ↓												
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL												VGR ON CALL VGR												
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:	AUG 16												AUG 17												

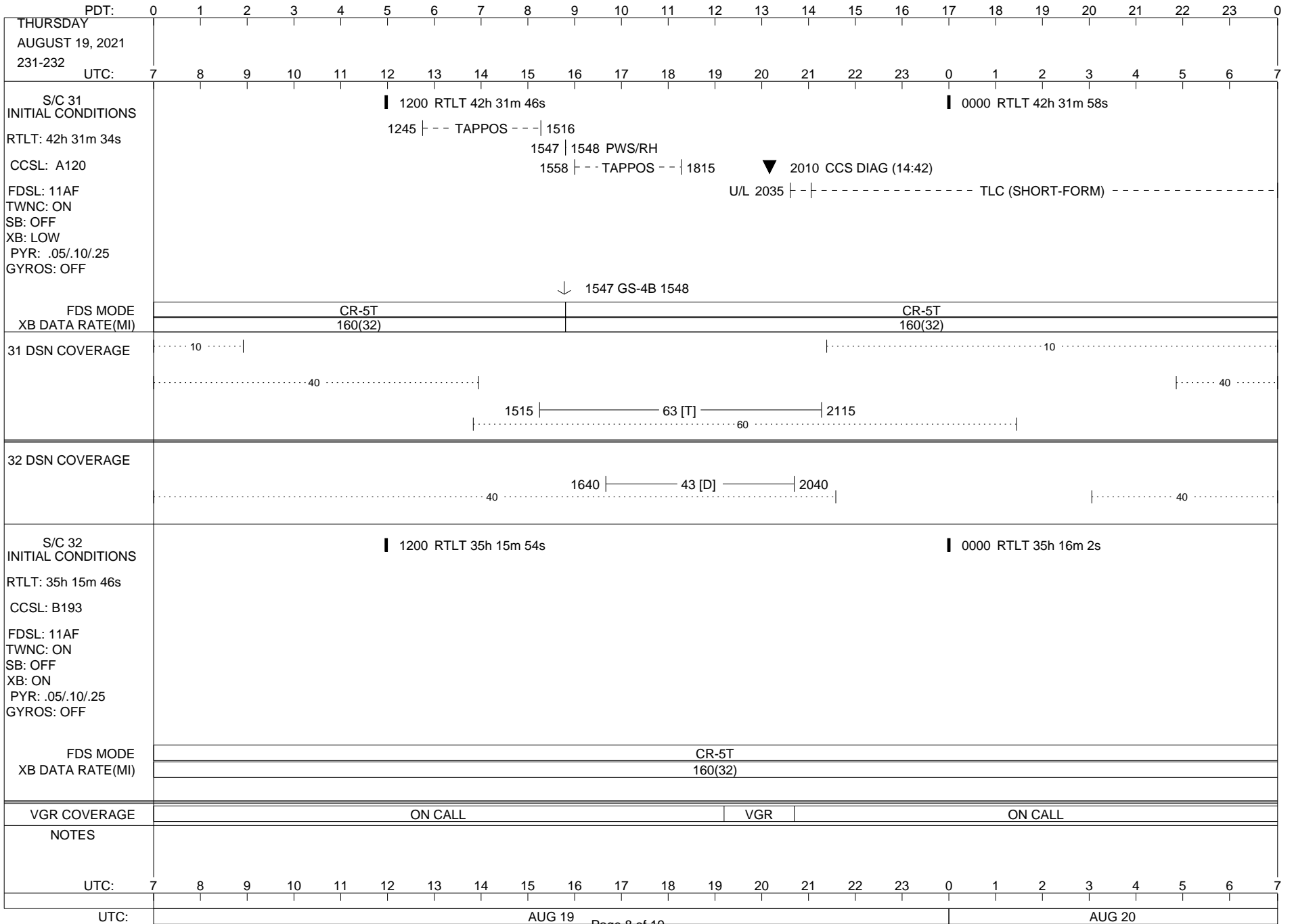
ISSUE DATE: 08/17/21 12:00

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 AUGUST 17, 2021 229-230																									
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S/C 31 INITIAL CONDITIONS RTLTL: 42h 30m 50s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLTL 42h 31m 0s												█ 0000 RTLTL 42h 31m 12s												
	0933 | 0934 PWS/RH												0149 | --- MAGCAL --- | 0451												
	0945 | - - - - - DTR MAINT - - - - - | 1509												0149 | - - - - - PESCAL - - - - - | 0509												
	1513 | 1516 TAPPOS																								
	↓ 0933 GS-4B 0934																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	..... 10 ..... |												| ..... 10 0135 |----- 14 [D] -----| 0535											
	..... 40 ..... |												| ..... 40 ..... |												
	| ..... 60 ..... |												| ..... 60 ..... |												
32 DSN COVERAGE	--- 43 [red transmitter] --- | 1040																								
	..... 40 ..... |												| ..... 40 ..... |												
S/C 32 INITIAL CONDITIONS RTLTL: 35h 15m 12s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: ON PYR: .05/10/25 GYROS: OFF	█ 1200 RTLTL 35h 15m 22s												█ 0000 RTLTL 35h 15m 30s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													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:	AUG 17												AUG 18												

ISSUE DATE: 08/17/21 12:00



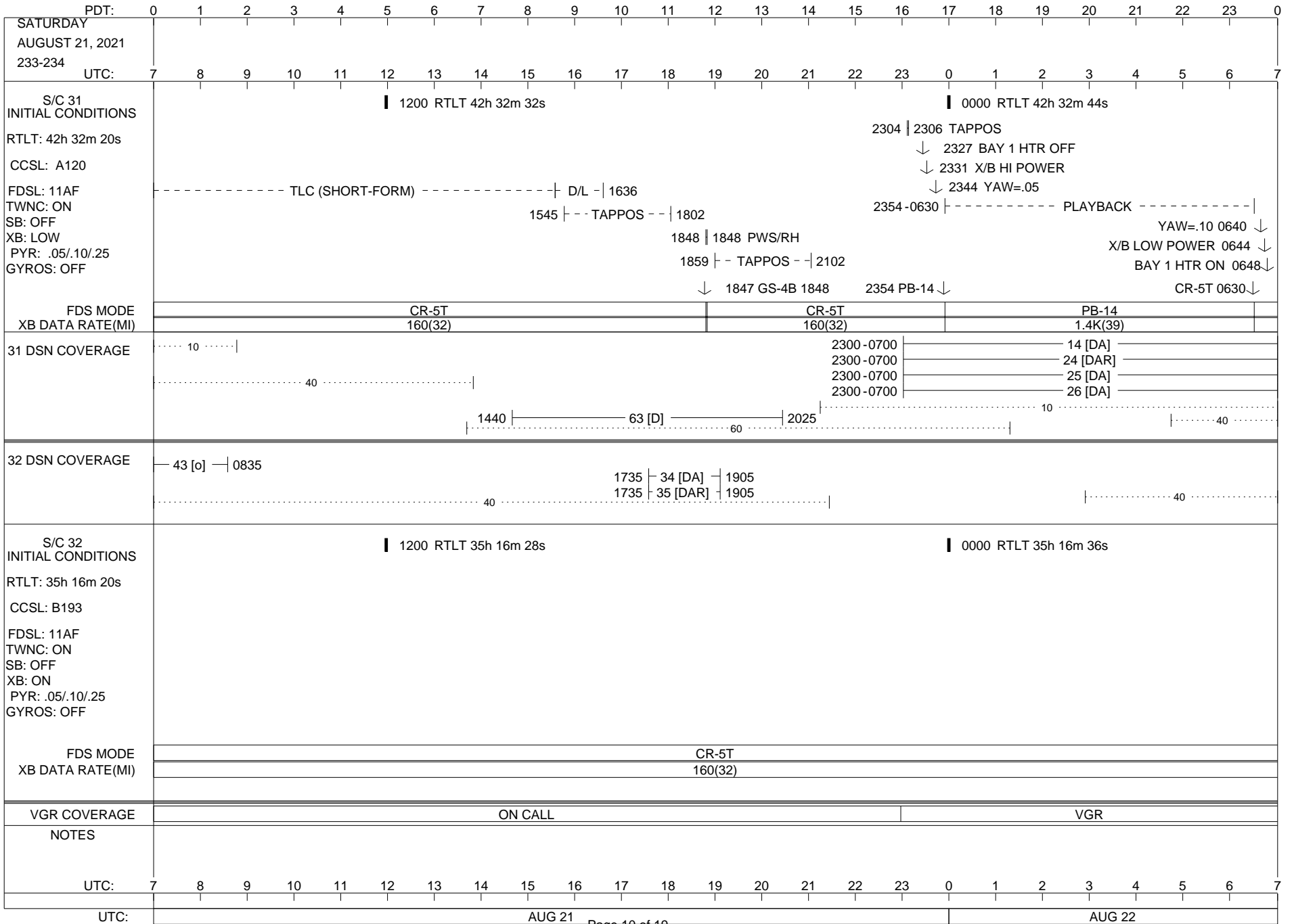
ISSUE DATE: 08/17/21 12:00



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FRIDAY AUGUST 20, 2021 232-233																												
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 31m 58s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 42h 32m 10s												| 0000 RTLT 42h 32m 20s															
----- TLC (SHORT-FORM) -----																												
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
31 DSN COVERAGE	.....10.....|												|.....10.....													
	.....40.....|												|.....40.....													
													2120 |----- 63 [D] -----| 0120															
													|.....60.....|															
32 DSN COVERAGE	0750 |----- 43 [D] -----| 1150												1810 | 43 [D] | 1915															
	|.....40.....|												|.....40.....													
0300 |----- 43 [o] -----																												
S/C 32 INITIAL CONDITIONS RTLTL: 35h 16m 2s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: ON PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 35h 16m 12s												| 0000 RTLT 35h 16m 20s															
FDS MODE													CR-5T															
XB DATA RATE(MI)													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:	AUG 20														AUG 21													

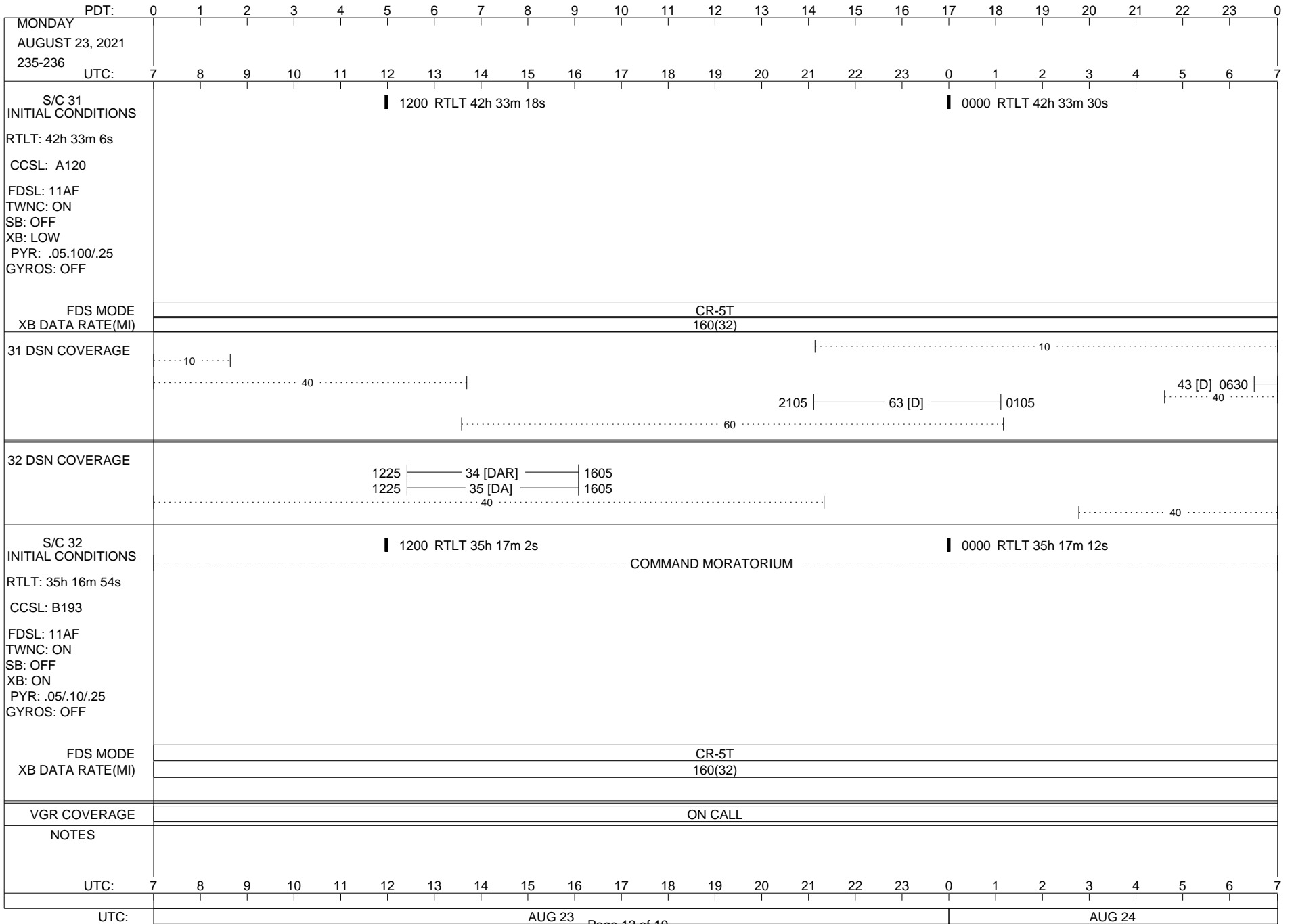
ISSUE DATE: 08/17/21 12:00



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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 AUGUST 22, 2021 234-235																									
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 32m 44s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/100/.25 GYROS: OFF						█ 1200 RTLT 42h 32m 56s															█ 0000 RTLT 42h 33m 6s				
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE	0700 14 [DA] 0700 24 [DAR] 0700 25 [DA] 0700 26 [DA] 10																								
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 35h 16m 36s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: ON PYR: .05/10/.25 GYROS: OFF						█ 1200 RTLT 35h 16m 46s																█ 0000 RTLT 35h 16m 54s			
FDS MODE XB DATA RATE(MI)																									
VGR COVERAGE																									
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:																									

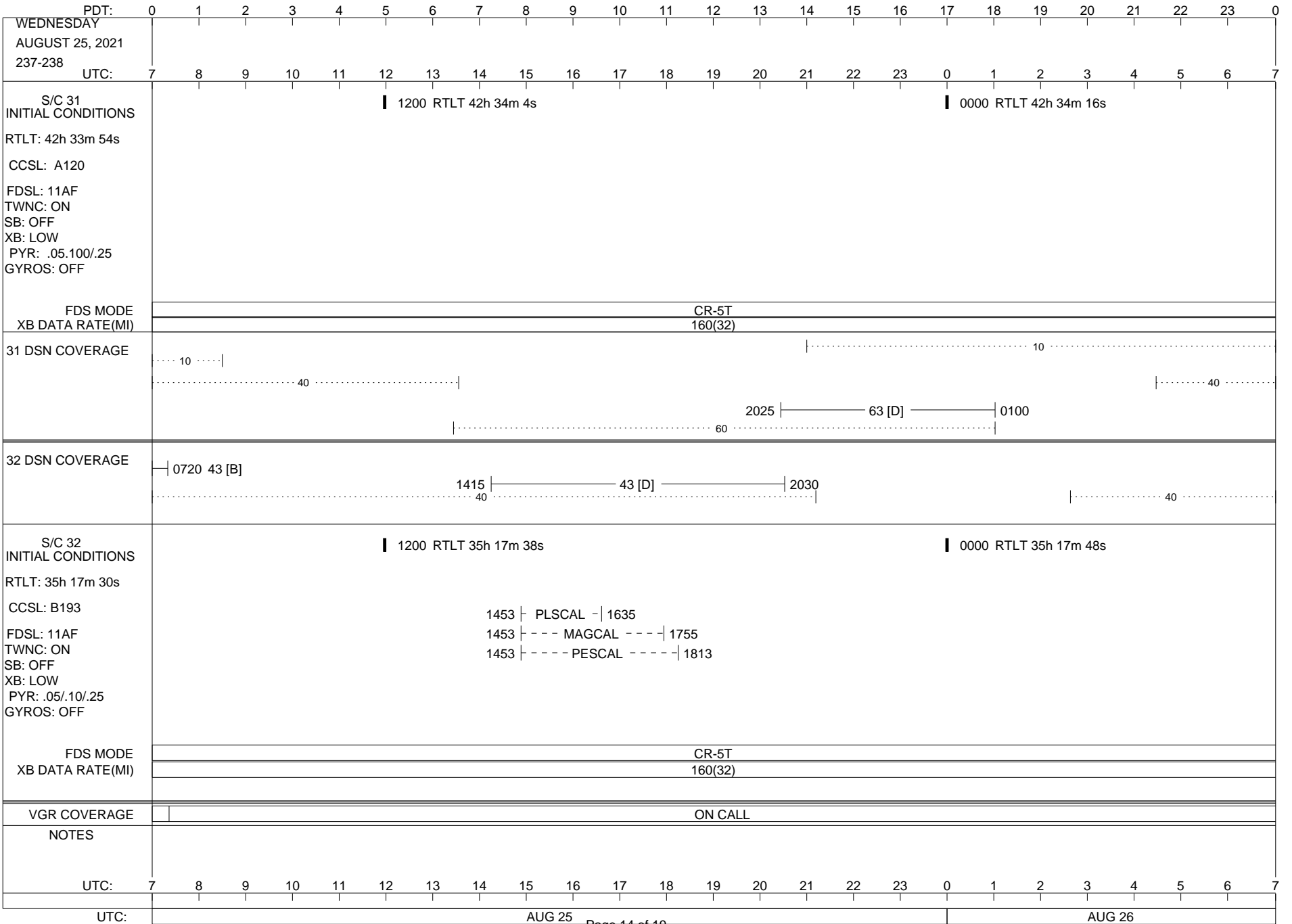
ISSUE DATE: 08/17/21 12:00



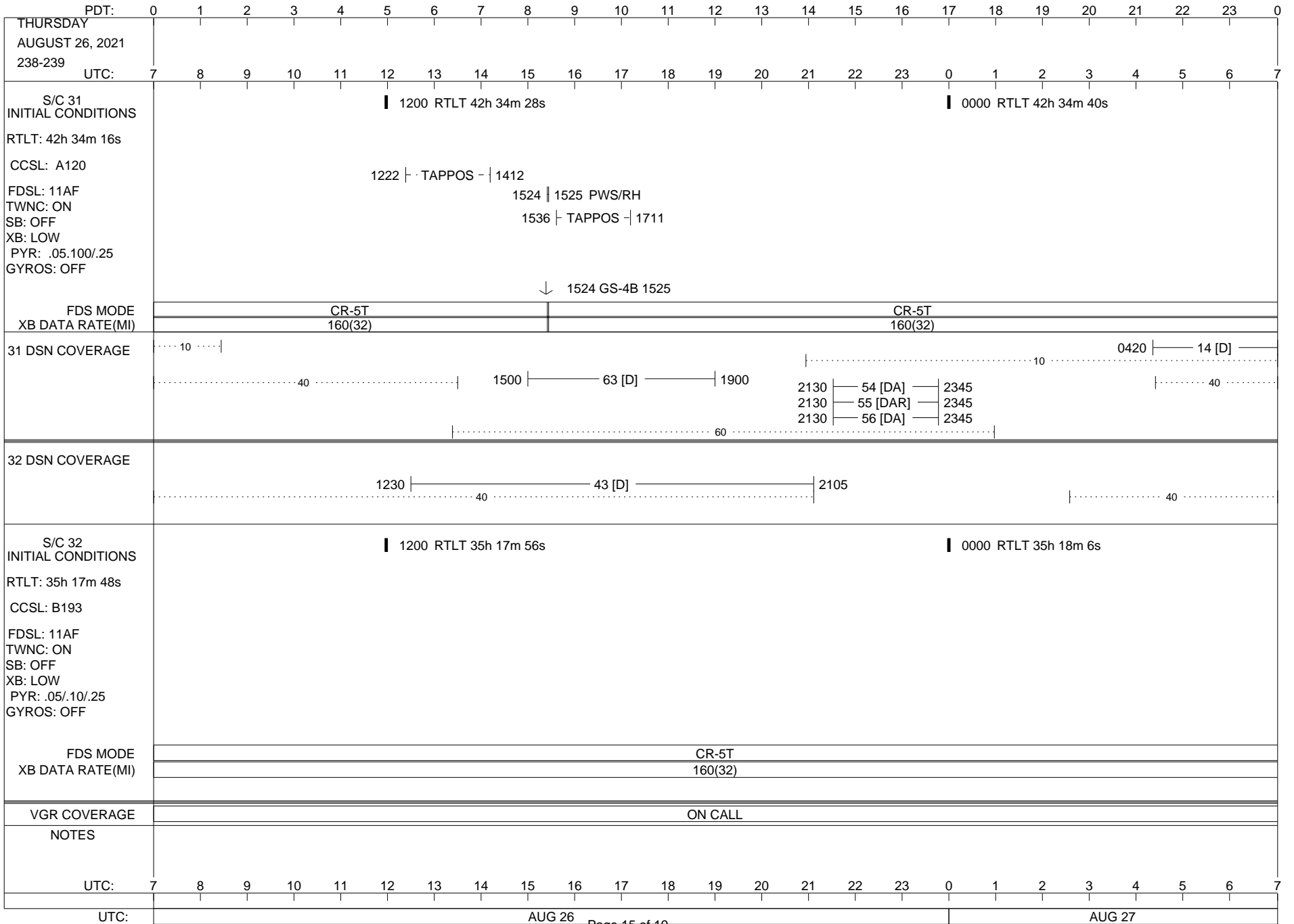
ISSUE DATE: 08/17/21 12:00

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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			
TUESDAY AUGUST 24, 2021 236-237																												
S/C 31 INITIAL CONDITIONS RTLTL: 42h 33m 30s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05.100/.25 GYROS: OFF	1200 RTLT 42h 33m 42s														0000 RTLT 42h 33m 54s													
0910 | 0911 PWS/RH ↓ 0911 GS-4B 0911																												
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 17m 12s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: ON PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 17m 20s														0000 RTLT 35h 17m 30s													
COMMAND MORATORIUM	-----																											
↓ 1132 X/B LOW POWER ↓ 1132 BAY 1 HTR OFF ↓ 1133 GYRO INIT ↓ 1142 GYRO FAULT TEST ↓ 1203 AAI ↓ 1245 RAI ↓ 1251 GYROS OFF ↓ 1259 BAY 1 HTR ON ↓ 1135 EL-40 1137																												
1205 | - | 1238 MAGROL																												
DUMMY (5 MIN BRACKETED 22:35) 0622 ▼																												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)														CR-5T 160(32)													
VGR COVERAGE	ON CALL							VGR							ON CALL							VGR						
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:	AUG 24														AUG 25													

ISSUE DATE: 08/17/21 12:00



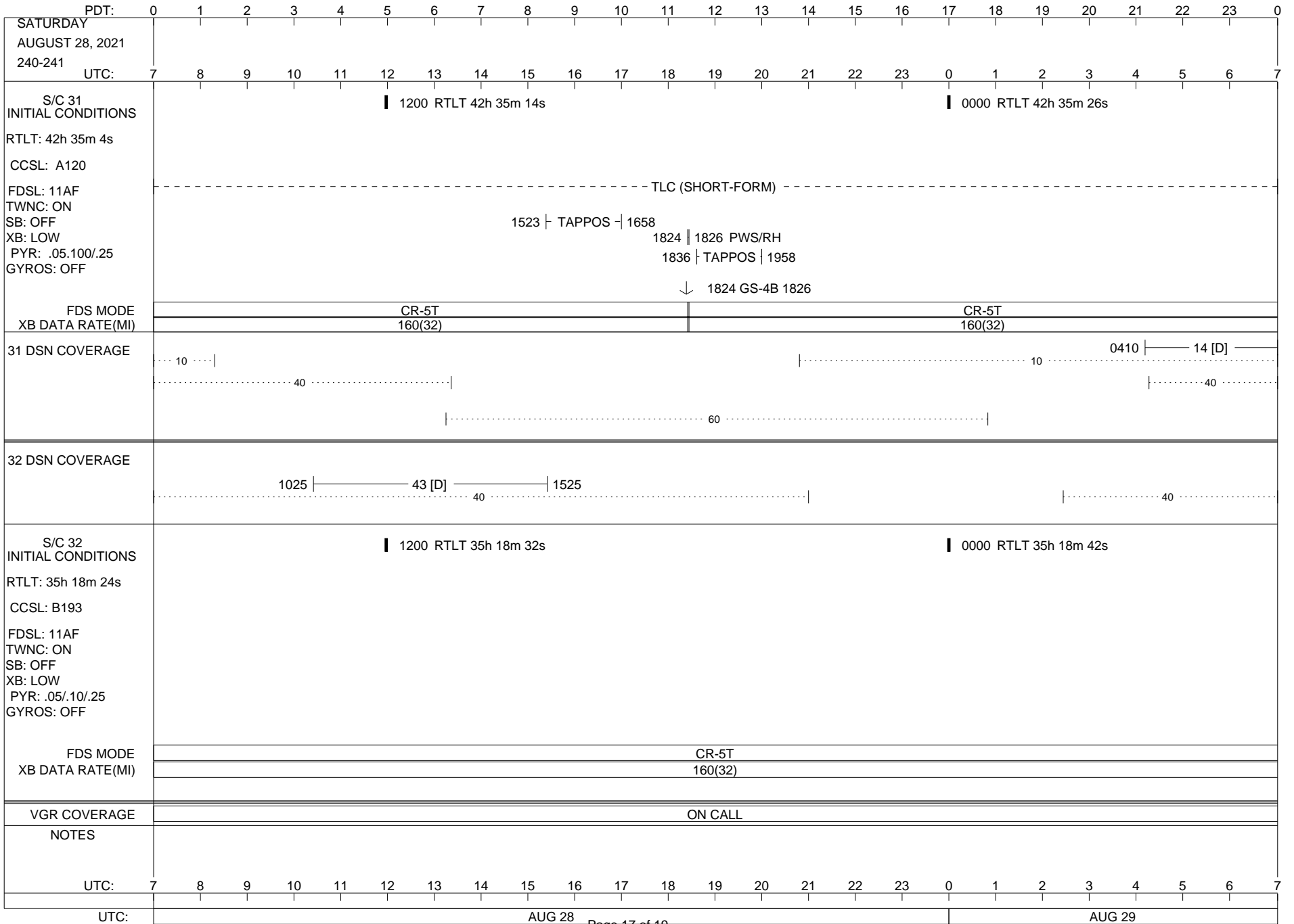
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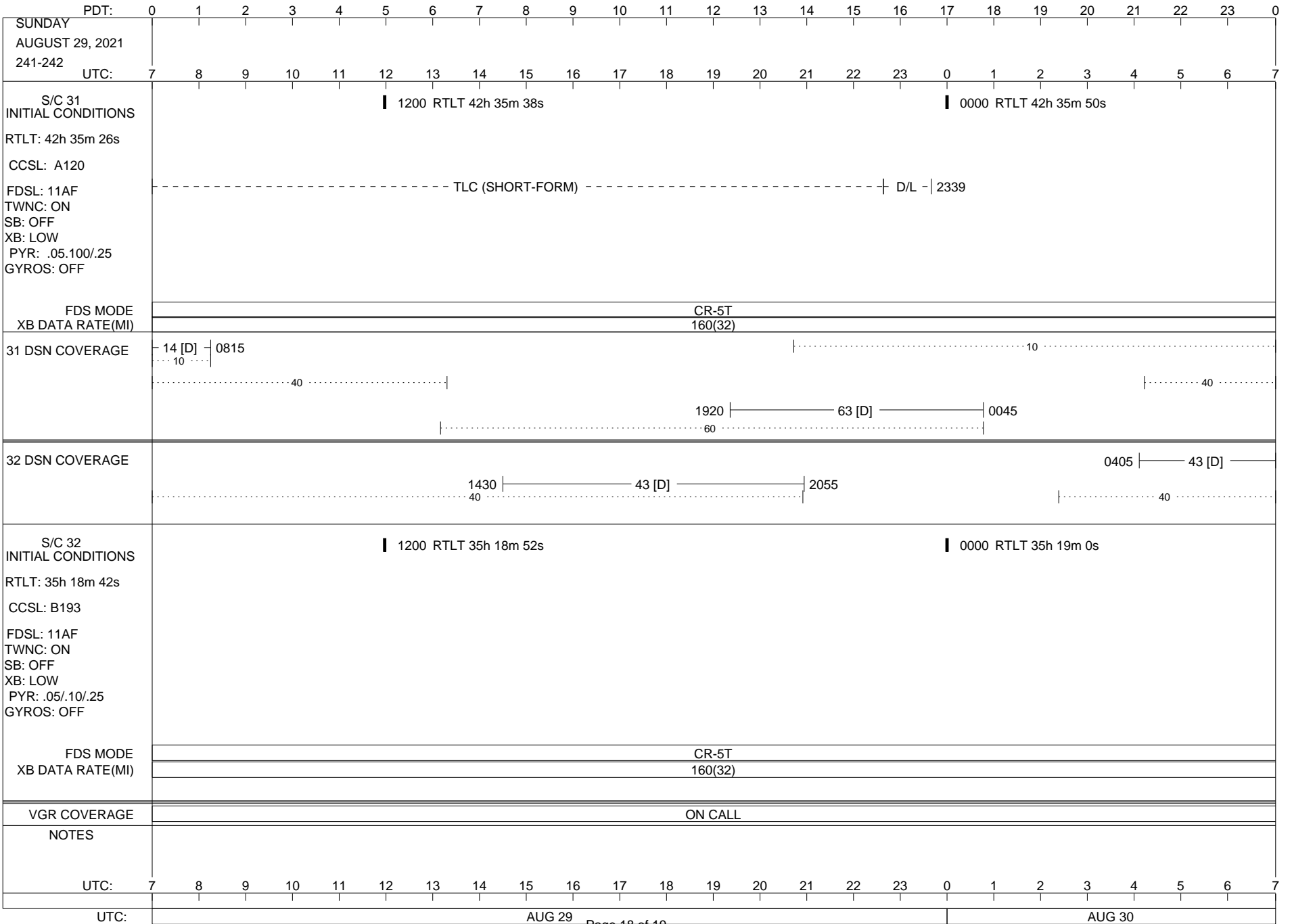
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FRIDAY AUGUST 27, 2021 239-240																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 42h 34m 40s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/100/.25 GYROS: OFF						█ 1200												█ 0000							
FDS MODE XB DATA RATE(MI)															CR-5T										
															160(32)										
31 DSN COVERAGE																				0150					
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 35h 18m 6s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF						█ 1200												█ 0000							
FDS MODE XB DATA RATE(MI)															CR-5T										
															160(32)										
VGR COVERAGE																									
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:																									

ISSUE DATE: 08/17/21 12:00



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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 AUGUST 30, 2021 242-243	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 35m 50s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/100/.25 GYROS: OFF	| 1200 RTLT 42h 36m 2s																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<p>.....10.....|</p> <p>.....40.....|</p> <p>1530 |----- 63 [D] -----| 1930</p>																										
32 DSN COVERAGE	<p>--- 43 [D] ---| 0905</p> <p>.....40.....|</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 35h 19m 0s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	| 1200 RTLT 35h 19m 10s																										
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:	AUG 30													AUG 31													