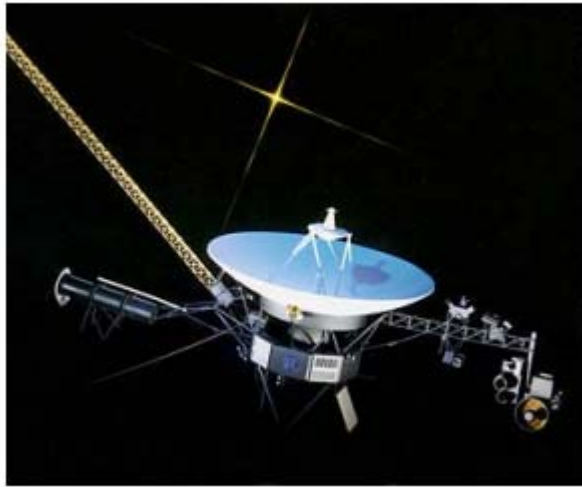


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: August 4, 2021

For the Period: 08/05/21 to 08/23/21 (21/217 – 21/235)



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

LEGEND:

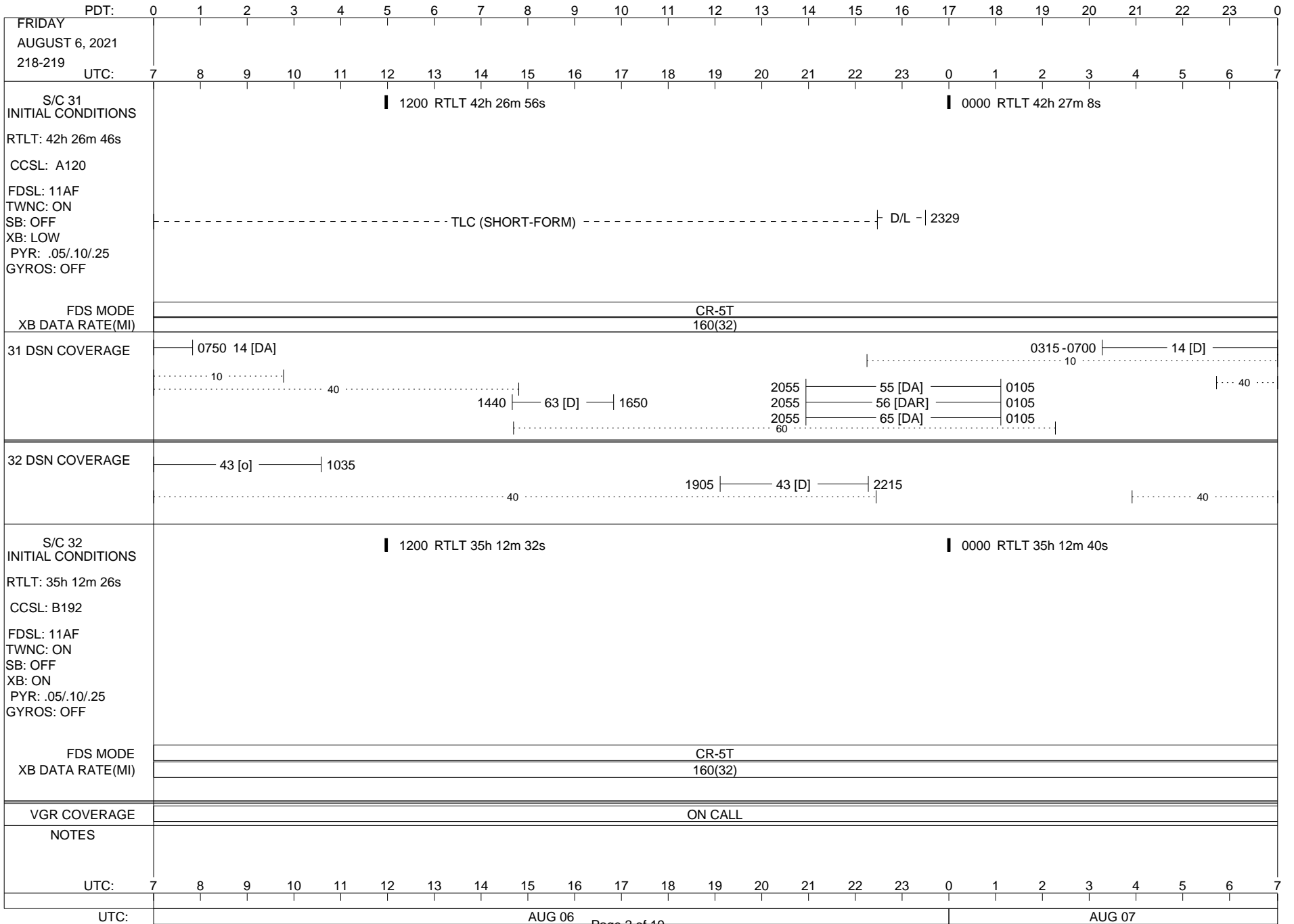
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- * = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U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

02/27/19

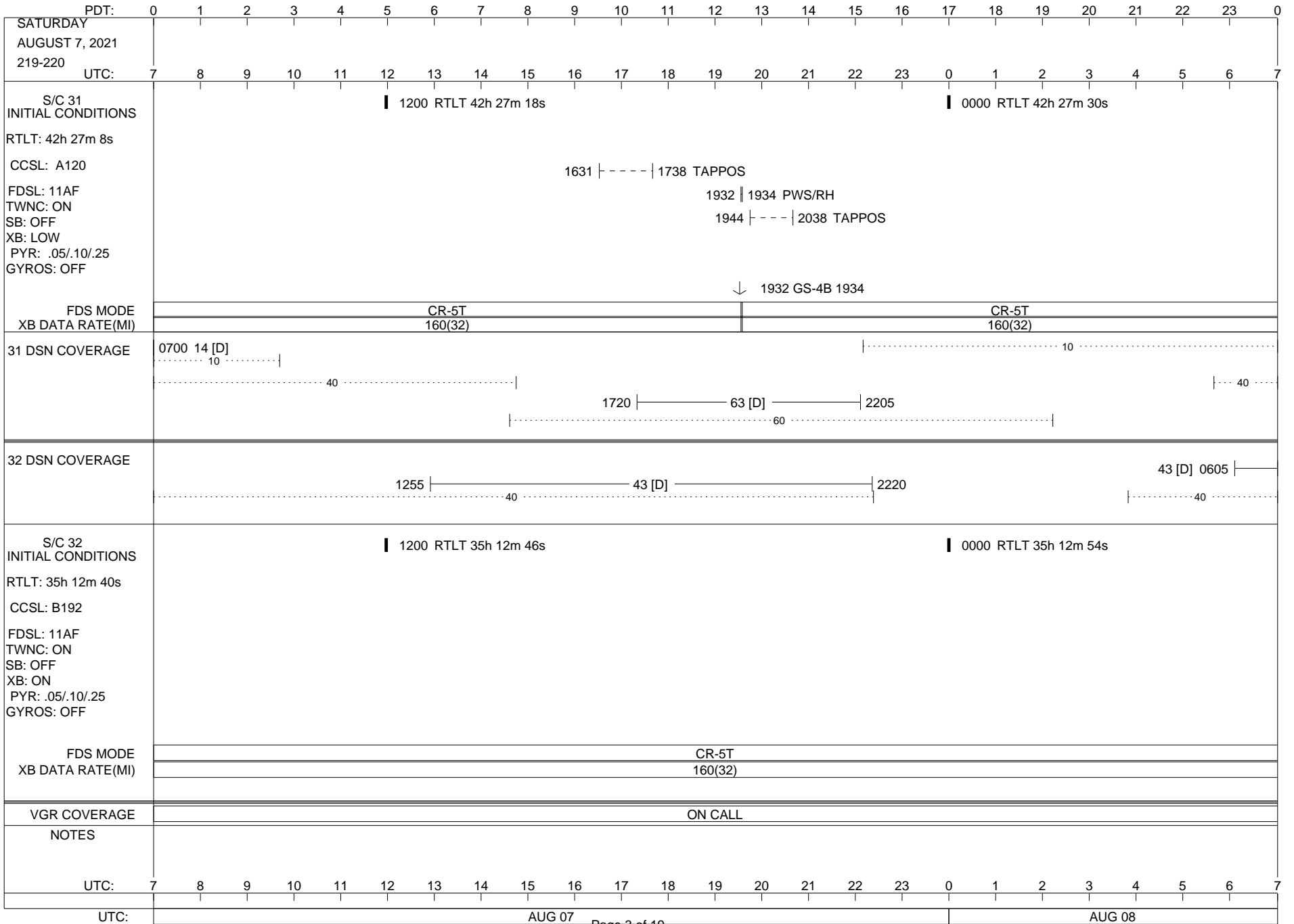
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THURSDAY AUGUST 5, 2021 217-218																												
S/C 31 INITIAL CONDITIONS RTLT: 42h 26m 24s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 26m 36s												0000 RTLT 42h 26m 46s															
	1330 | TAPPOS | 1452												BAY 1 HTR OFF 0316 ↓ GYROS BC ON 0316 ↓ GYRO INIT 0316 ↓ GYRO FAULT TEST 0326 ↓ AAI 0346 ↓ MAGROL 0349 | - - | 0421															
	1632 | 1633 PWS/RH												RAI 0429 ↓ GYROS OFF 0435 ↓ BAY 1 HTR ON 0443 ↓															
	1644 | - - - - | 1752 TAPPOS												0319 EL-40 0321 ↓															
FDS MODE	CR-5T												CR-5T						CR-5T									
XB DATA RATE(MI)	160(32)												160(32)						160(32)									
31 DSN COVERAGE	..... 10 .....										..... 40										0245 |----- 14 [DA] ----- 0245 |----- 25 [DAR] -----| 0500 10							
	..... 40 .....										..... 60 .....										..... 40							
32 DSN COVERAGE	..... 40										2100 |----- 43 [D] -----| 2230										43 [o] 0650 |----- 40							
S/C 32 INITIAL CONDITIONS RTLT: 35h 12m 12s CCSL: B192 FDSL: 11AF TWNC: ON SB: OFF XB: ON PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 12m 18s												0000 RTLT 35h 12m 26s															
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
VGR COVERAGE	ON CALL												VGR						ON CALL									
NOTES																												
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ISSUE DATE: 08/04/21 10:42



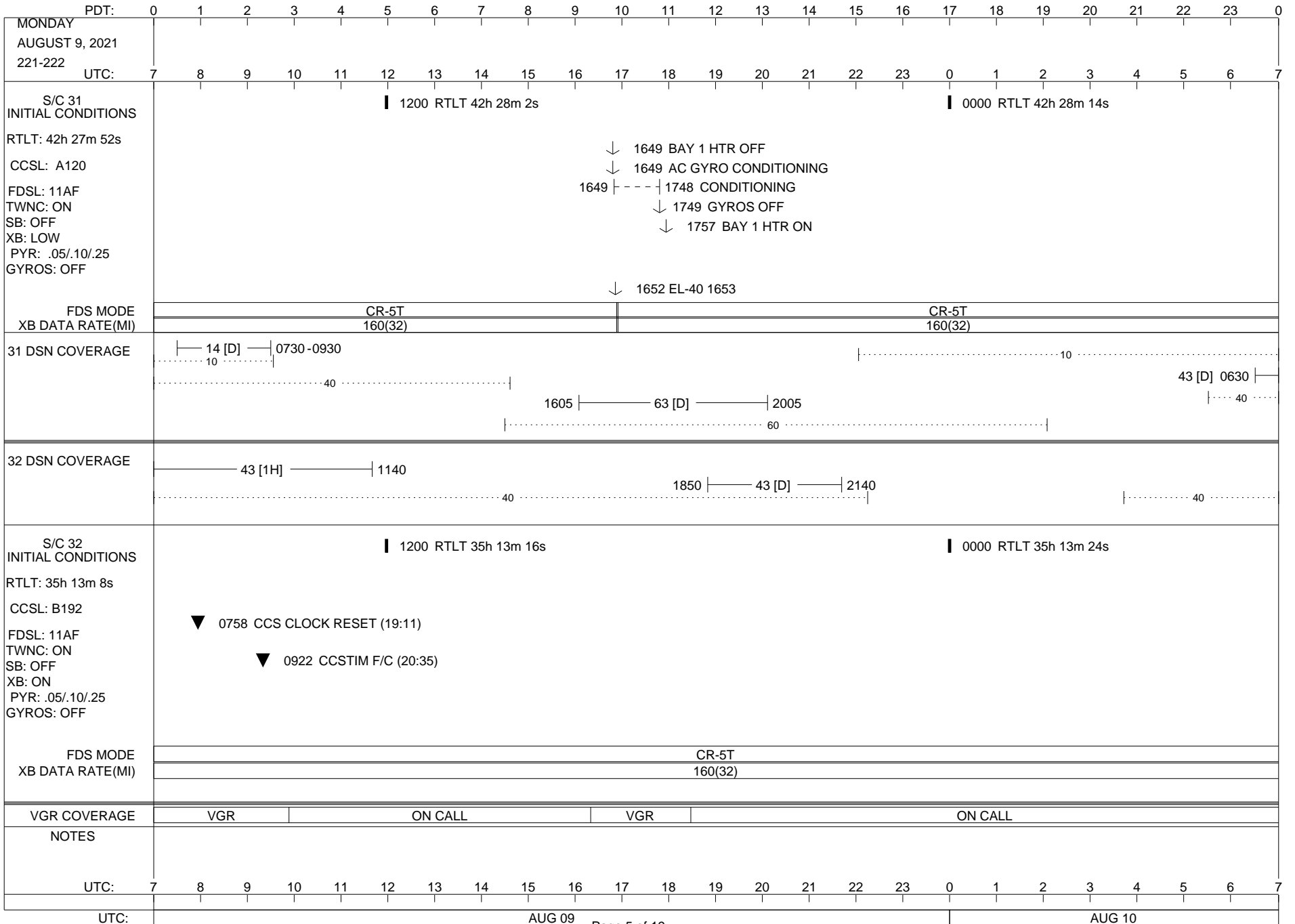
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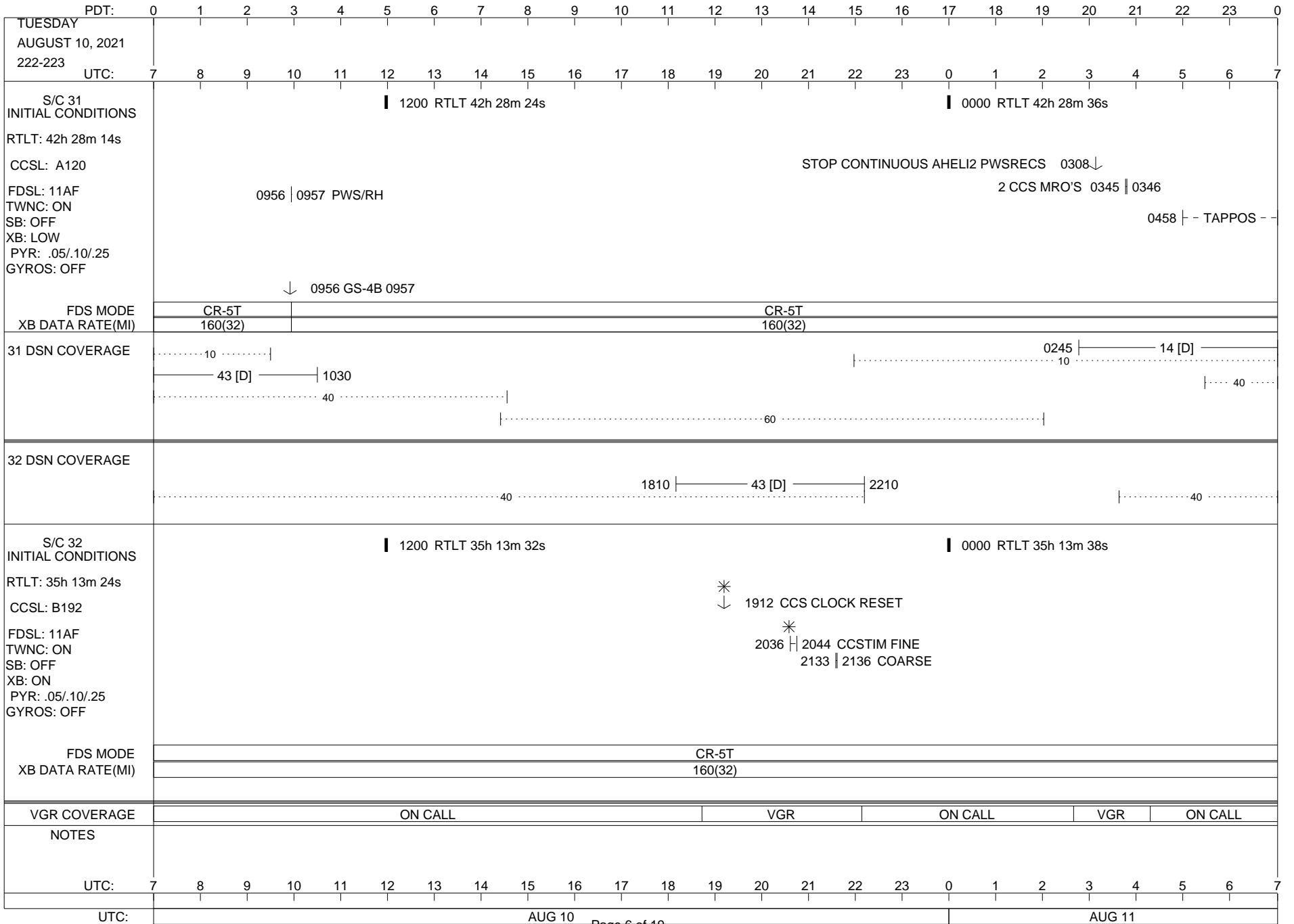
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SUNDAY																															
AUGUST 8, 2021																															
220-221 UTC:		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7					
S/C 31 INITIAL CONDITIONS		| 1200 RTLT 42h 27m 40s											| 0000 RTLT 42h 27m 52s																		
RTLT: 42h 27m 30s																															
CCSL: A120																															
FDSL: 11AF																															
TWNC: ON																															
SB: OFF																															
XB: LOW																															
PYR: .05/.10/.25																															
GYROS: OFF																															
FDS MODE																CR-5T															
XB DATA RATE(MI)																160(32)															
31 DSN COVERAGE	 10 10									
	 40 40									
												1705 |----- 63 [D] -----| 0205																			
												|----- 60																			
32 DSN COVERAGE		----- 43 [D] -----| 1255																				43 [1H] 0640 |									
	 40 40									
S/C 32 INITIAL CONDITIONS		| 1200 RTLT 35h 13m 2s											| 0000 RTLT 35h 13m 8s																		
RTLT: 35h 12m 54s																															
CCSL: B192																															
FDSL: 11AF																															
TWNC: ON																															
SB: OFF																															
XB: ON																															
PYR: .05/.10/.25																															
GYROS: OFF																															
FDS MODE																CR-5T															
XB DATA RATE(MI)																160(32)															
VGR COVERAGE		ON CALL																													
NOTES		[1] B193 BACKUP U/L TRACK HP DRV ON >= 05:12																													
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ISSUE DATE: 08/04/21 10:42



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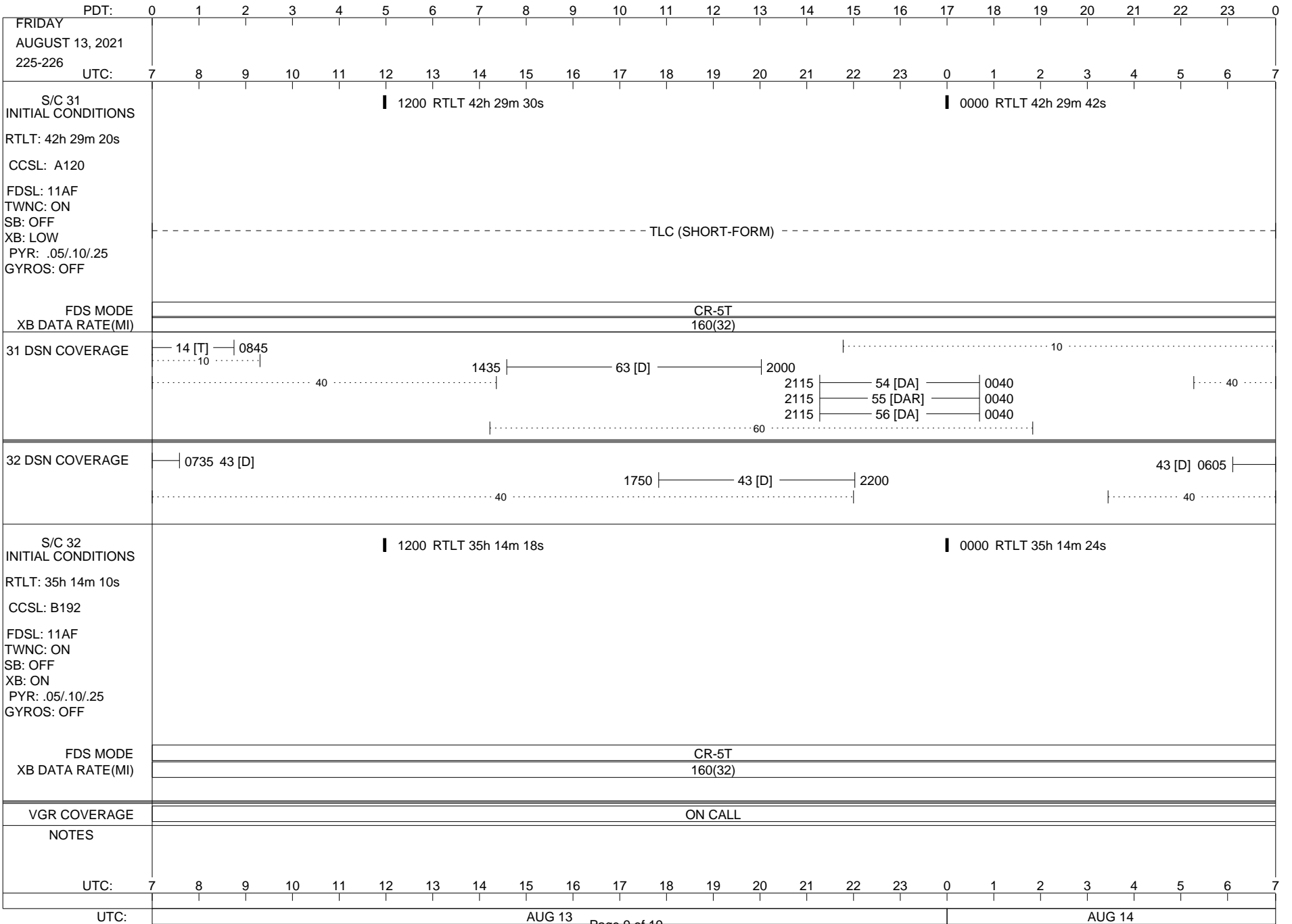
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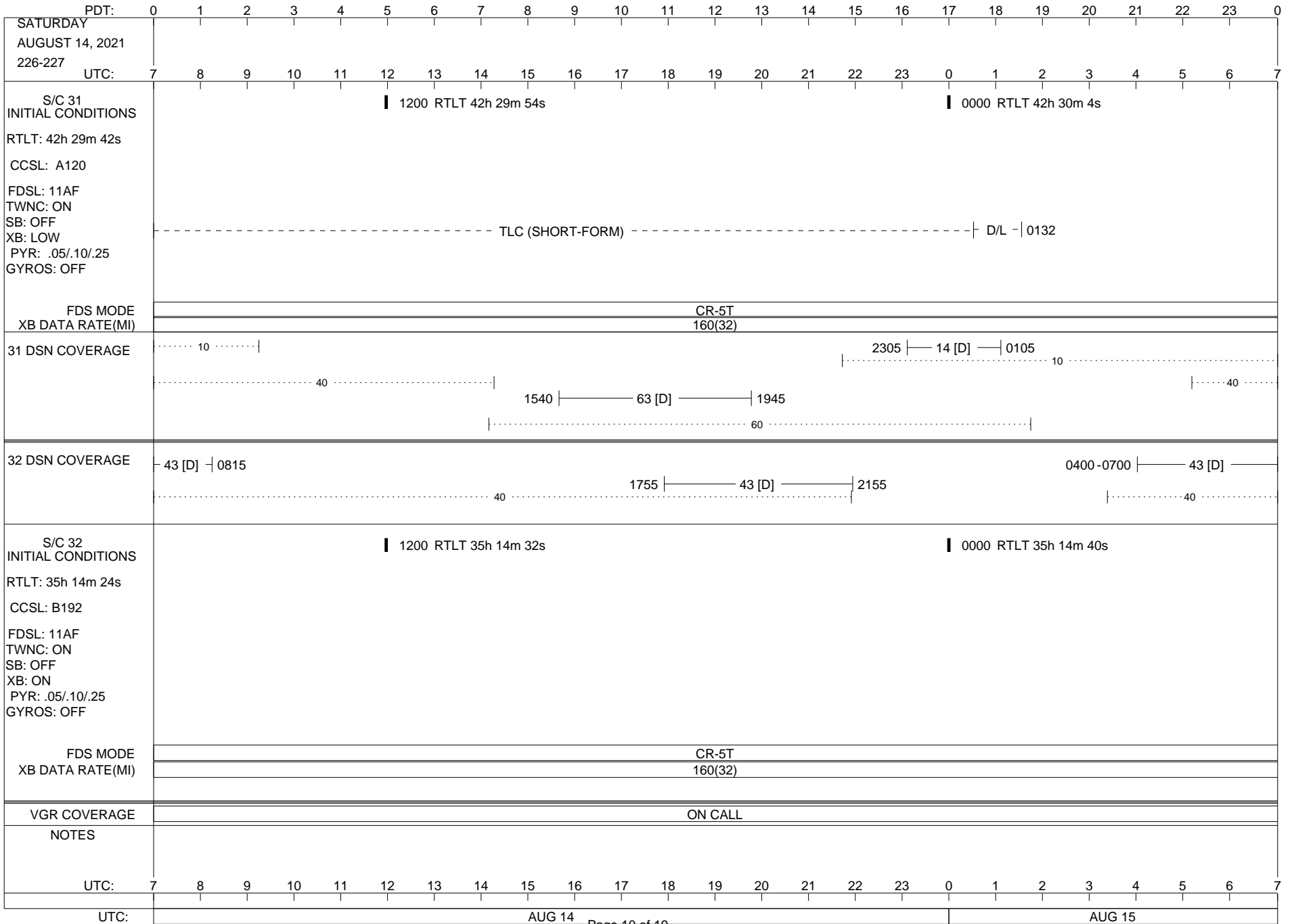
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WEDNESDAY																																
AUGUST 11, 2021																																
223-224																																
UTC:		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7						
S/C 31 INITIAL CONDITIONS RTLT: 42h 28m 36s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 28m 46s																											0000 RTLT 42h 28m 58s				
	0717 TAPPOS																		2331 BAY 1 HTR OFF 2333 YAW=.05 2335 X/B HI POWER 2343 |----- AHELI2 PLAYBACK -----													
FDS MODE	CR-5T																		PB-14													
XB DATA RATE(MI)	160(32)																		1.4K(39)													
31 DSN COVERAGE	14 [D] |-----| 0925 .....| .....40..... .....60..... .....10..... .....40.....																							2325 |-----| 14 [DA] 2325 |-----| 24 [DA] 2325 |-----| 25 [DA] 2325 |-----| 26 [DAR]								
32 DSN COVERAGE	|-----| 43 [D] |-----| 0720-0840 .....40.....1805 |-----| 43 [D] |-----| 2205 .....40.....0435 |-----| 43 [o]																															
S/C 32 INITIAL CONDITIONS RTLT: 35h 13m 38s CCSL: B192 FDSL: 11AF TWNC: ON SB: OFF XB: ON PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 13m 46s																											0000 RTLT 35h 13m 54s				
FDS MODE	CR-5T																															
XB DATA RATE(MI)	160(32)																															
VGR COVERAGE	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						
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ISSUE DATE: 08/04/21 10:42

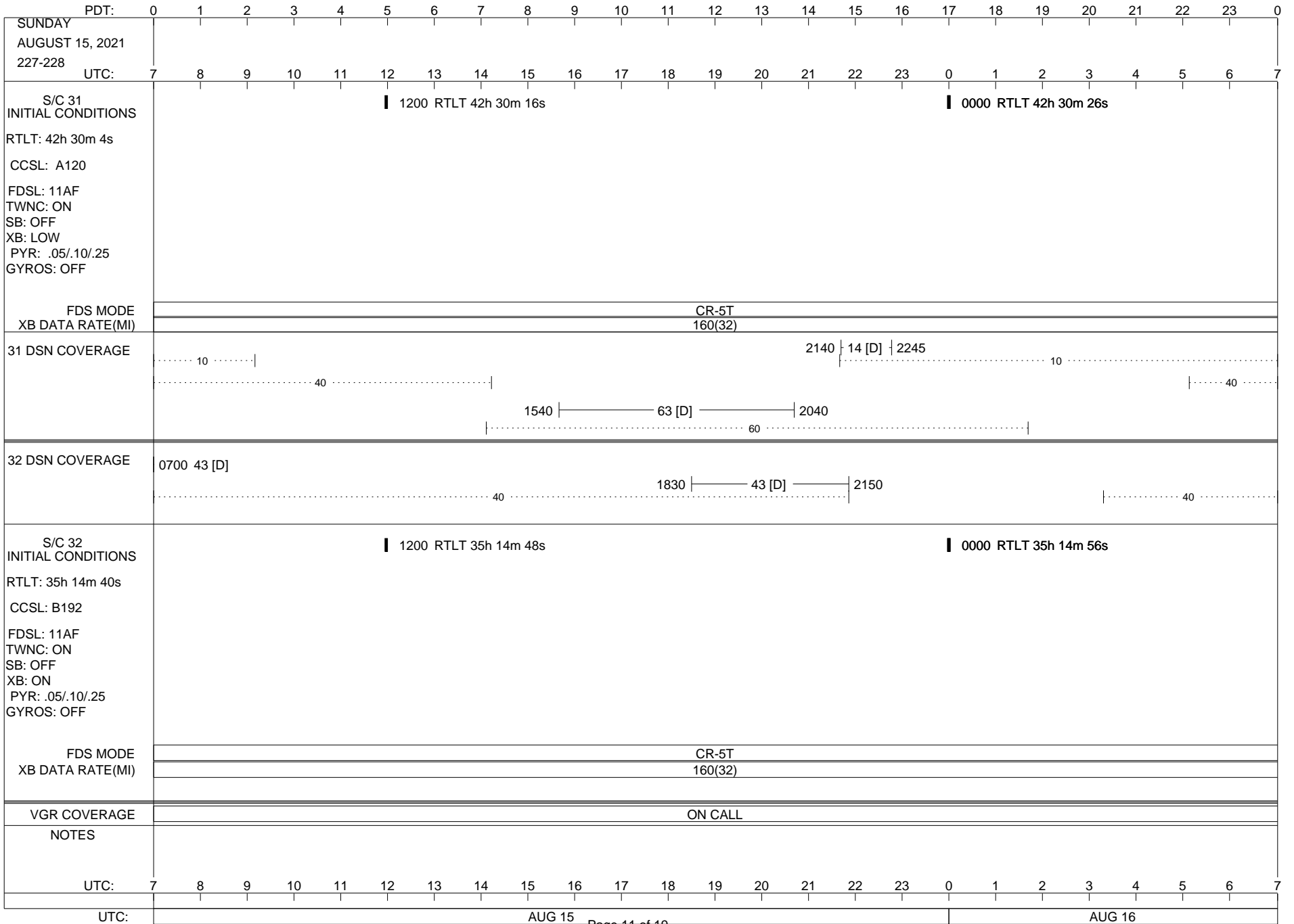
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THURSDAY																										
AUGUST 12, 2021																										
224-225 UTC:		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS		1200 RTLT 42h 29m 8s												0000 RTLT 42h 29m 20s												
RTLT: 42h 28m 58s														0036 | 0053 TAPPOS												
CCSL: A120														CCS DIAG (23:39) 0510 ▼												
FDSL: 11AF		-- | 0735 AHEL2 PLAYBACK												U/L 0535 | |												
TWNC: ON		↓ 0736 X/B LOW POWER												TLC (SHORT-FORM) | |												
SB: OFF		↓ 0740 BAY 1 HTR ON																								
XB: HI		↓ 0745 YAW=.10																								
PYR: .05.05/.25																										
GYROS: OFF		↓ 0735 CR-5T 0735																								
FDS MODE														CR-5T												
XB DATA RATE(MI)														160(32)												
31 DSN COVERAGE		0740 14 [DA]												2345 | 14 [T]												
		0740 24 [DA]												|-----10-----												
		0740 25 [DA]																								
		0740 26 [DAR]												|-----40-----												
		|-----10-----																								
		|-----40-----																								
		|-----60-----																								
32 DSN COVERAGE		43 [o] | 0835												43 [D] 0635 |												
		|-----40-----												|-----40-----												
S/C 32 INITIAL CONDITIONS		1200 RTLT 35h 14m 2s												0000 RTLT 35h 14m 10s												
RTLT: 35h 13m 54s																										
CCSL: B192																										
FDSL: 11AF																										
TWNC: ON																										
SB: OFF																										
XB: ON																										
PYR: .05/.10/.25																										
GYROS: OFF																										
FDS MODE														CR-5T												
XB DATA RATE(MI)														160(32)												
VGR COVERAGE		VGR												ON CALL												
NOTES														VGR ON CALL												
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ISSUE DATE: 08/04/21 10:42





ISSUE DATE: 08/04/21 10:42

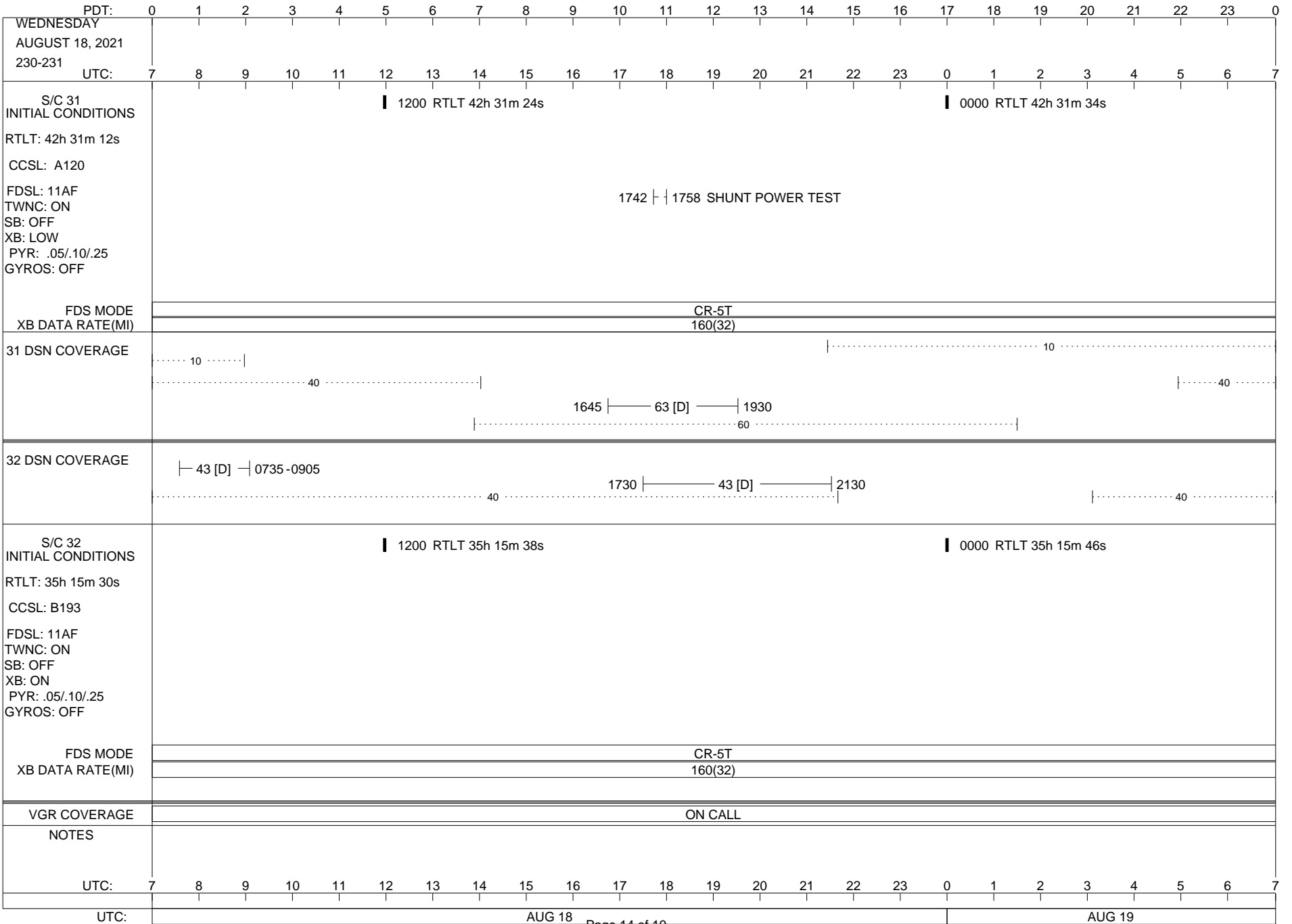


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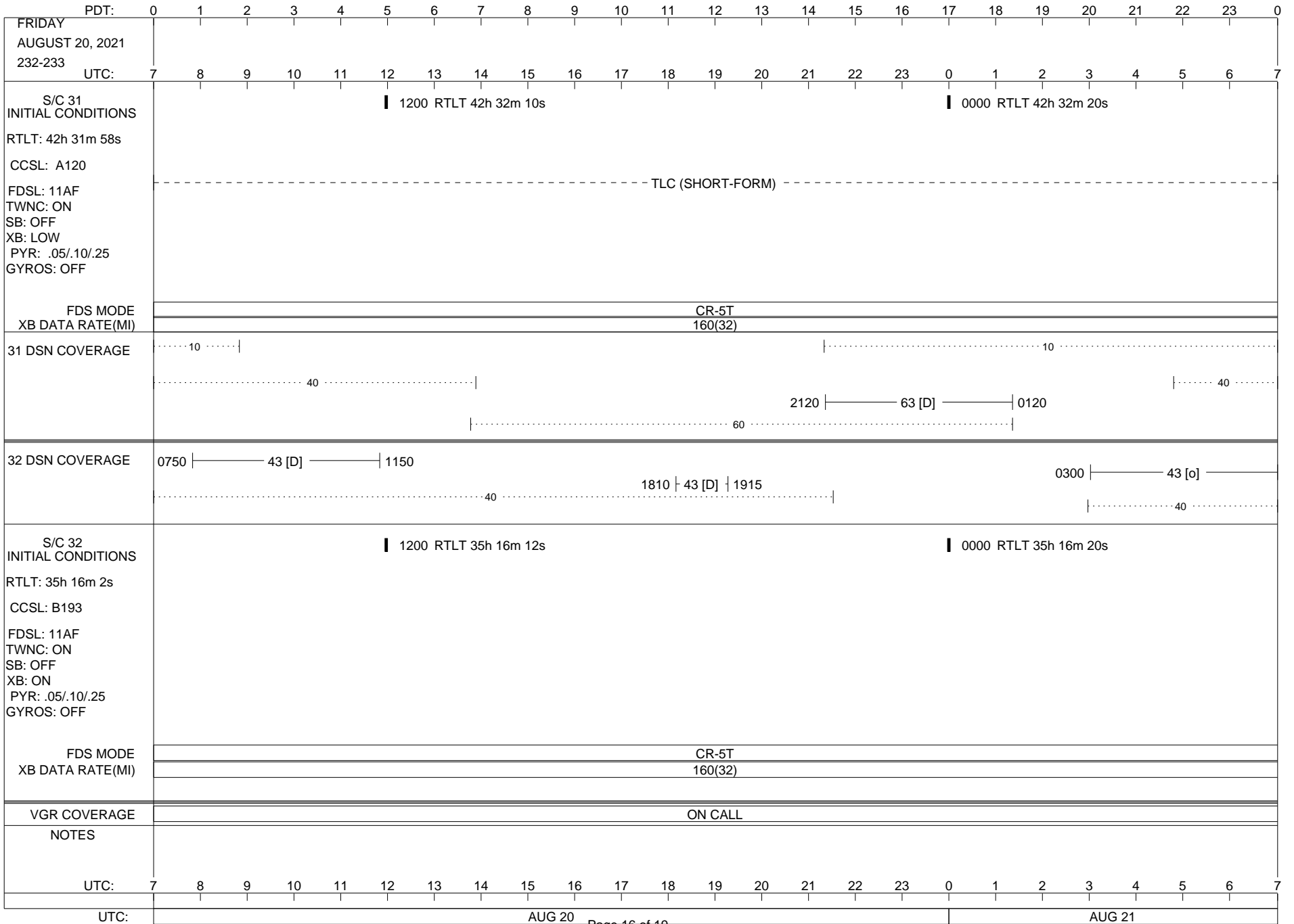
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MONDAY AUGUST 16, 2021 228-229	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 42h 30m 26s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 30m 38s												0000 RTLT 42h 30m 50s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	.....10.....|												0045 |-----14 [D]-----| 0445 |-----10-----|												
	.....40.....|												|-----40-----|												
	|-----1725-----63 [D]-----| 2125												|-----60-----|												
32 DSN COVERAGE	0820 |-----43 [D]-----| 1240												43 [B] 0645 |												
	|-----40-----|												|-----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 XB DATA RATE(MI)	CR-5T 160(32)												BEGIN SEQUENCE B193 0316 ↓												
VGR COVERAGE	ON CALL												VGR ON CALL VGR												
NOTES																									
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UTC:	AUG 16												AUG 17												

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TUESDAY AUGUST 17, 2021 229-230	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 30m 50s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 31m 0s												0000 RTLT 42h 31m 12s												
	0933 | 0934 PWS/RH												0149 | PLSCAL - | 0331												
	0945 | ----- DTR MAINT ----- | 1509												0149 | ---- MAGCAL ---- | 0451												
	1513 | 1516 TAPPOS												0149 | ---- PESCAL ---- | 0509												
	↓ 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 ..... |												| ..... 40 ..... |												
32 DSN COVERAGE	----- 43 [B] ----- | 1040												| ..... 40 ..... |												
	| ..... 40 ..... |												| ..... 40 ..... |												
S/C 32 INITIAL CONDITIONS RTLT: 35h 15m 12s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: ON PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 15m 22s												0000 RTLT 35h 15m 30s												
	▼ 0722 DUMMY (5 MIN BRACKETED 18:38)																								
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE	VGR												ON CALL												
NOTES																									
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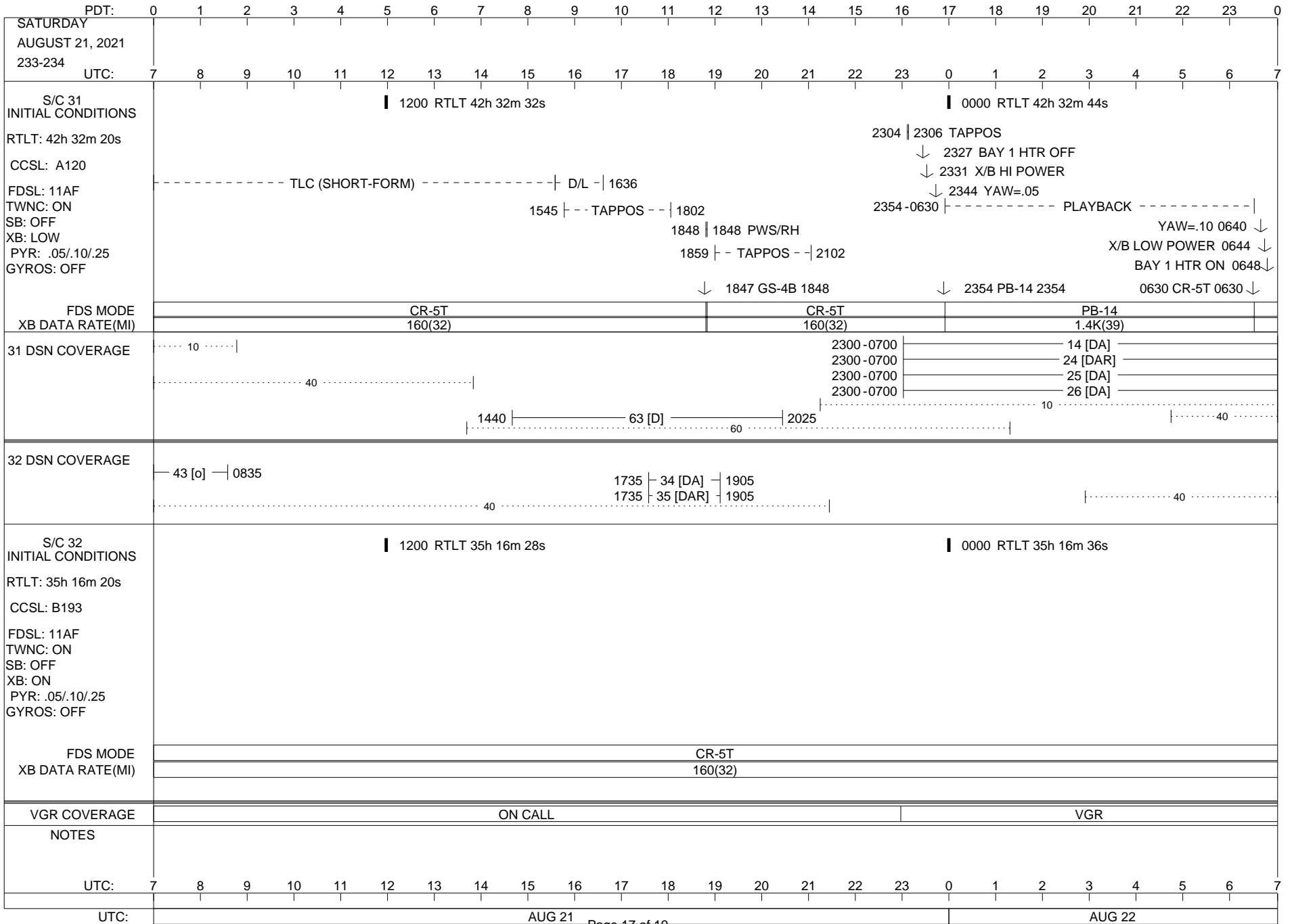
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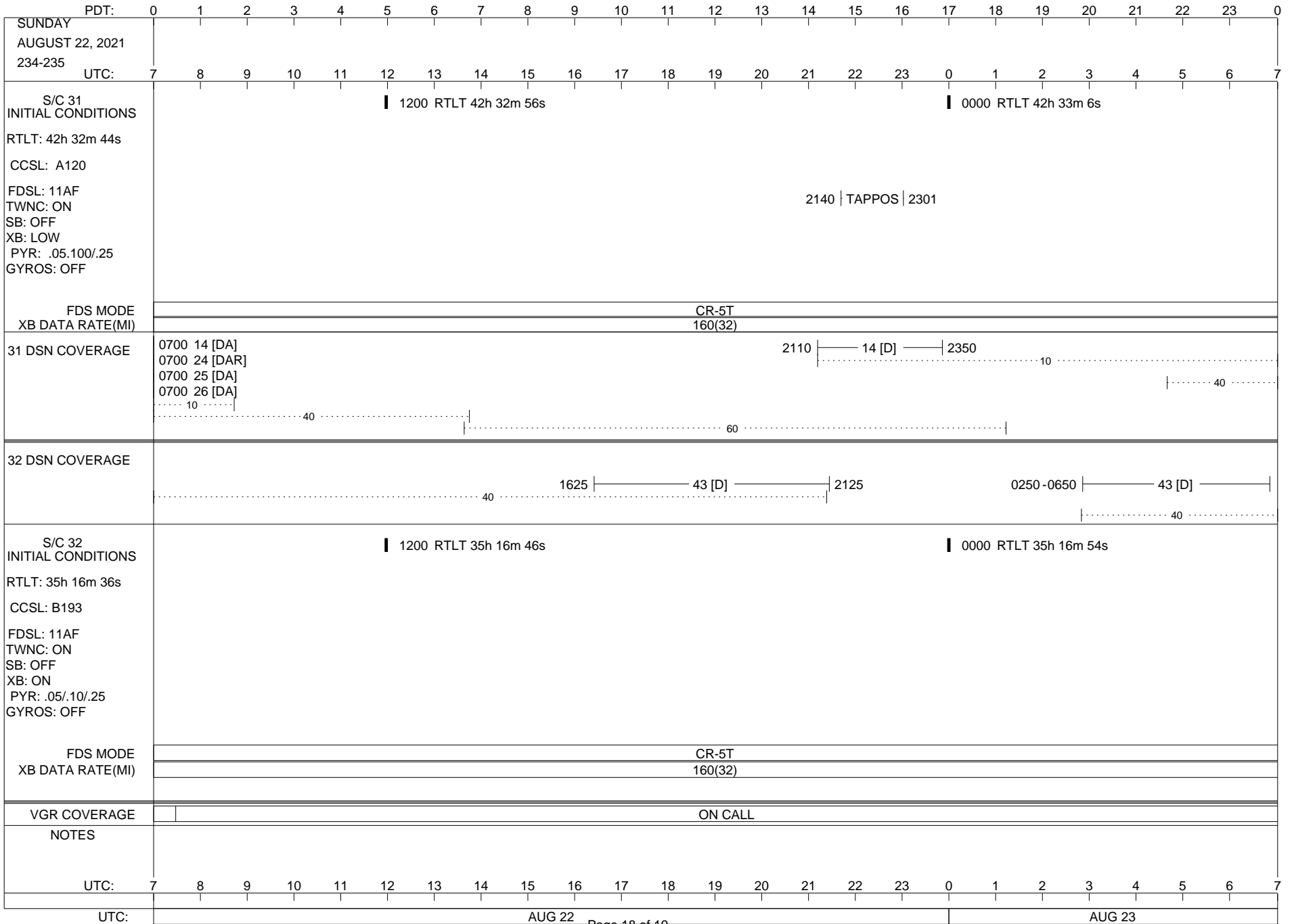
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ISSUE DATE: 08/04/21 10:42

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MONDAY AUGUST 23, 2021 235-236																											
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 33m 6s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05.100/.25 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 42h 33m 18s</p>																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<p>.....10.....|</p> <p>.....40.....|</p>																										
32 DSN COVERAGE	<p style="text-align: center;">1225 |----- 34 [DAR] -----| 1605</p> <p style="text-align: center;">1225 |----- 35 [DA] -----| 1605</p> <p>.....40.....|</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 35h 16m 54s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: ON PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 35h 17m 2s</p>																										
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 23													AUG 24													