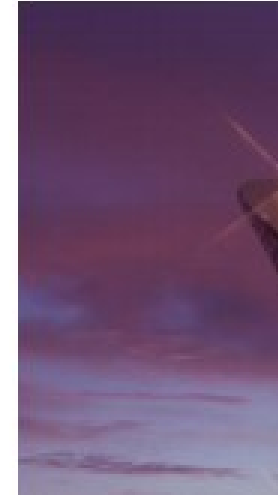


# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: August 16, 2023

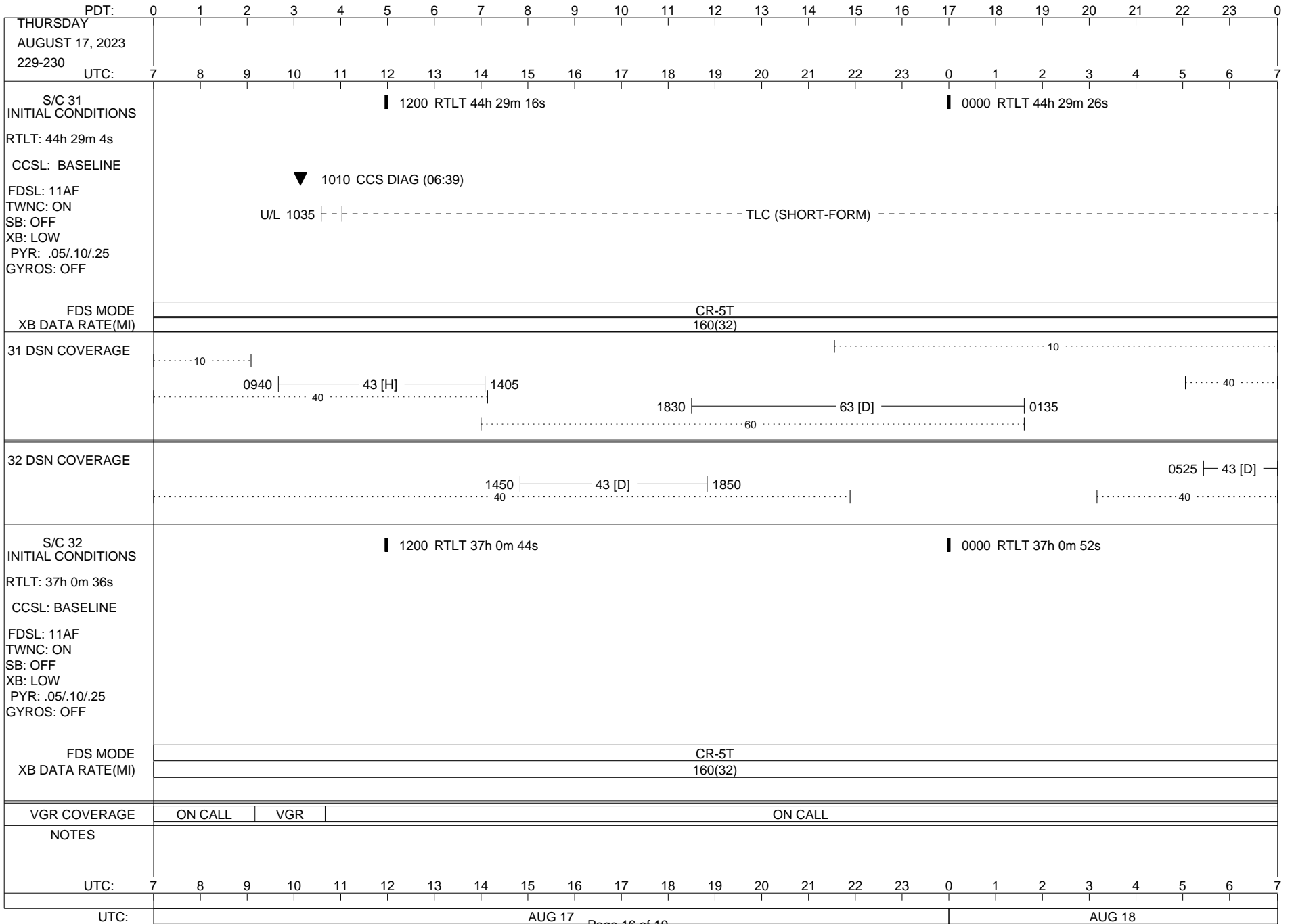
For the Period: 08/19/23 to 09/04/23 (23/229 – 23/247)



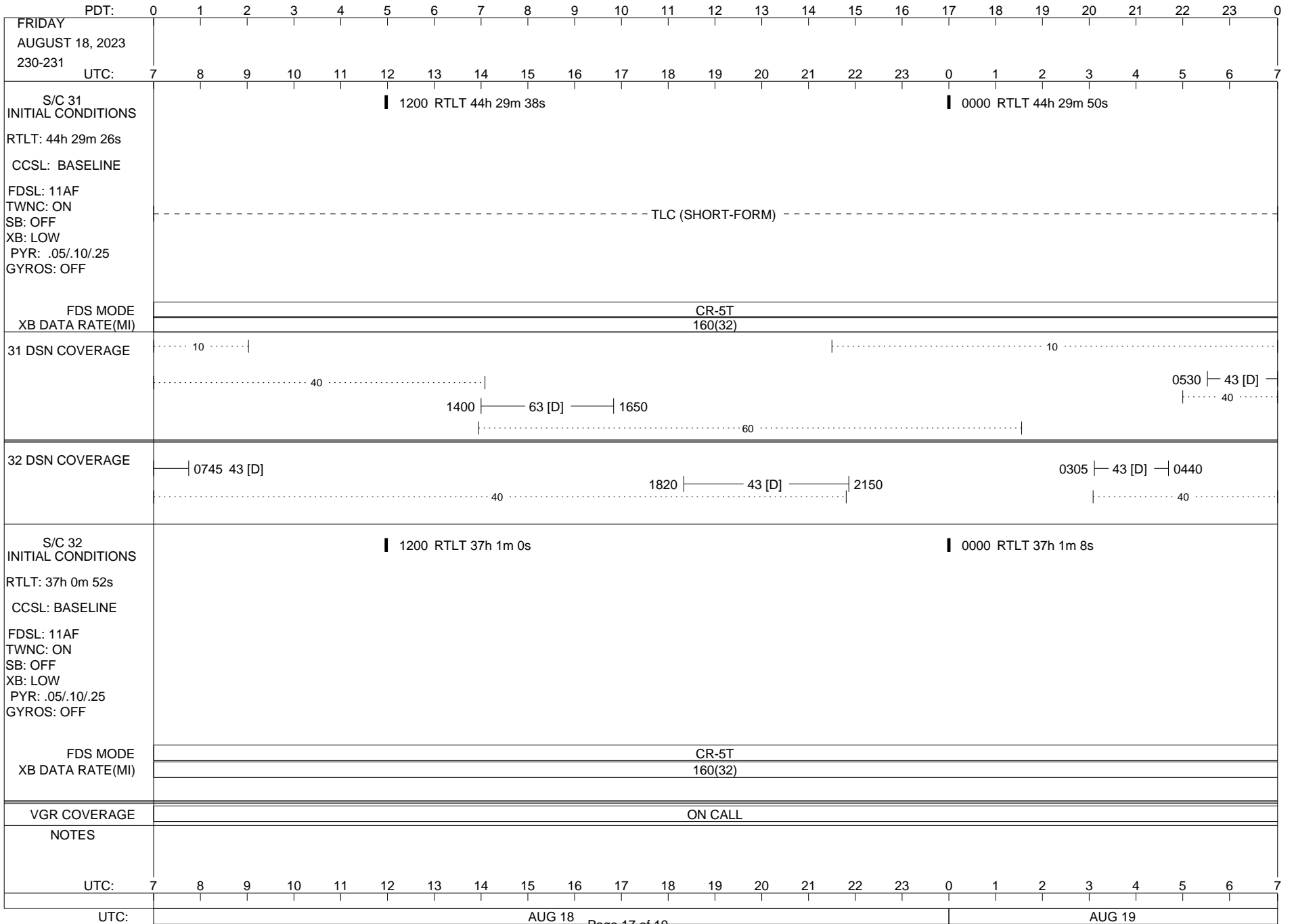
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

**LEGEND:**

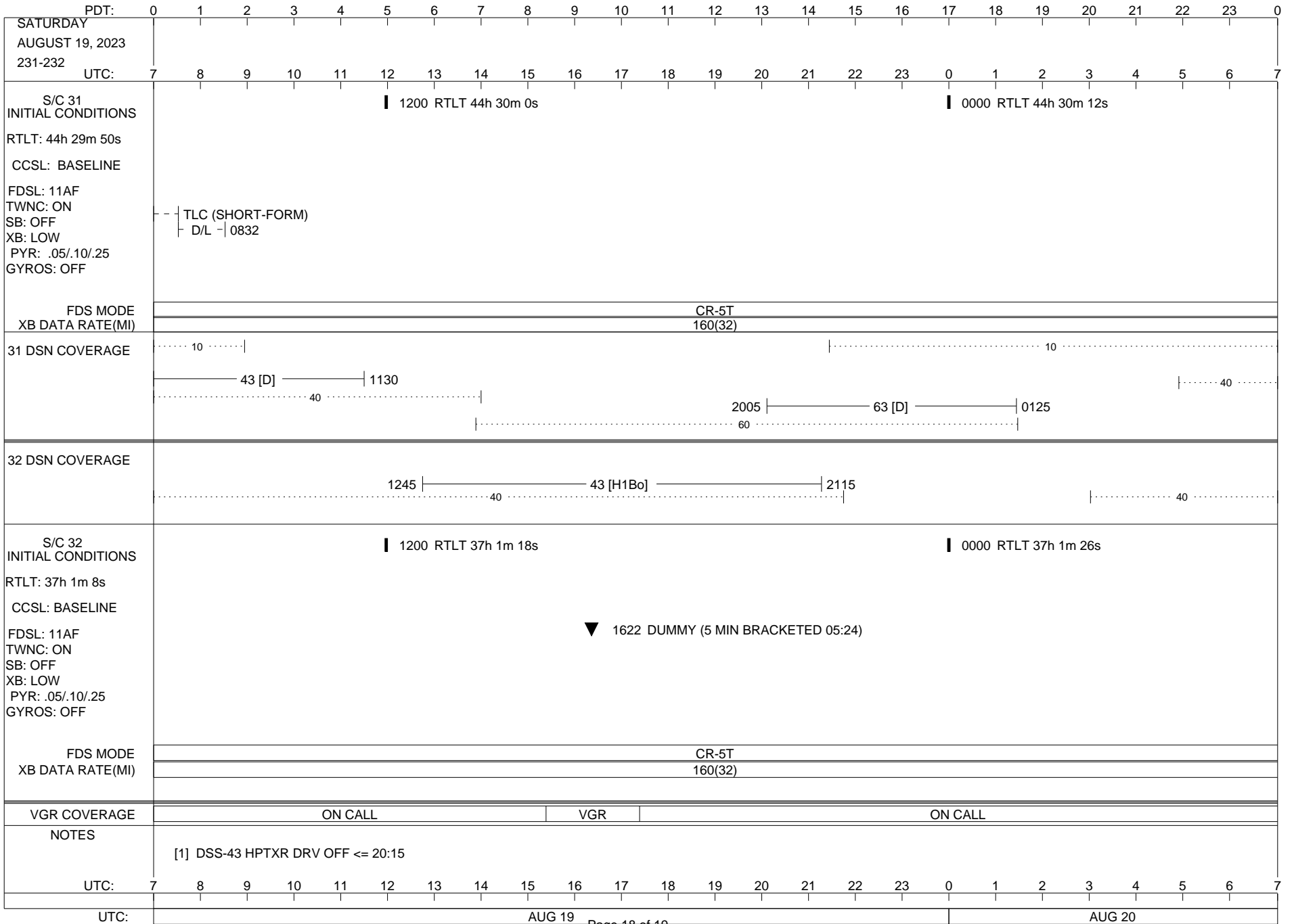
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- \* = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
-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



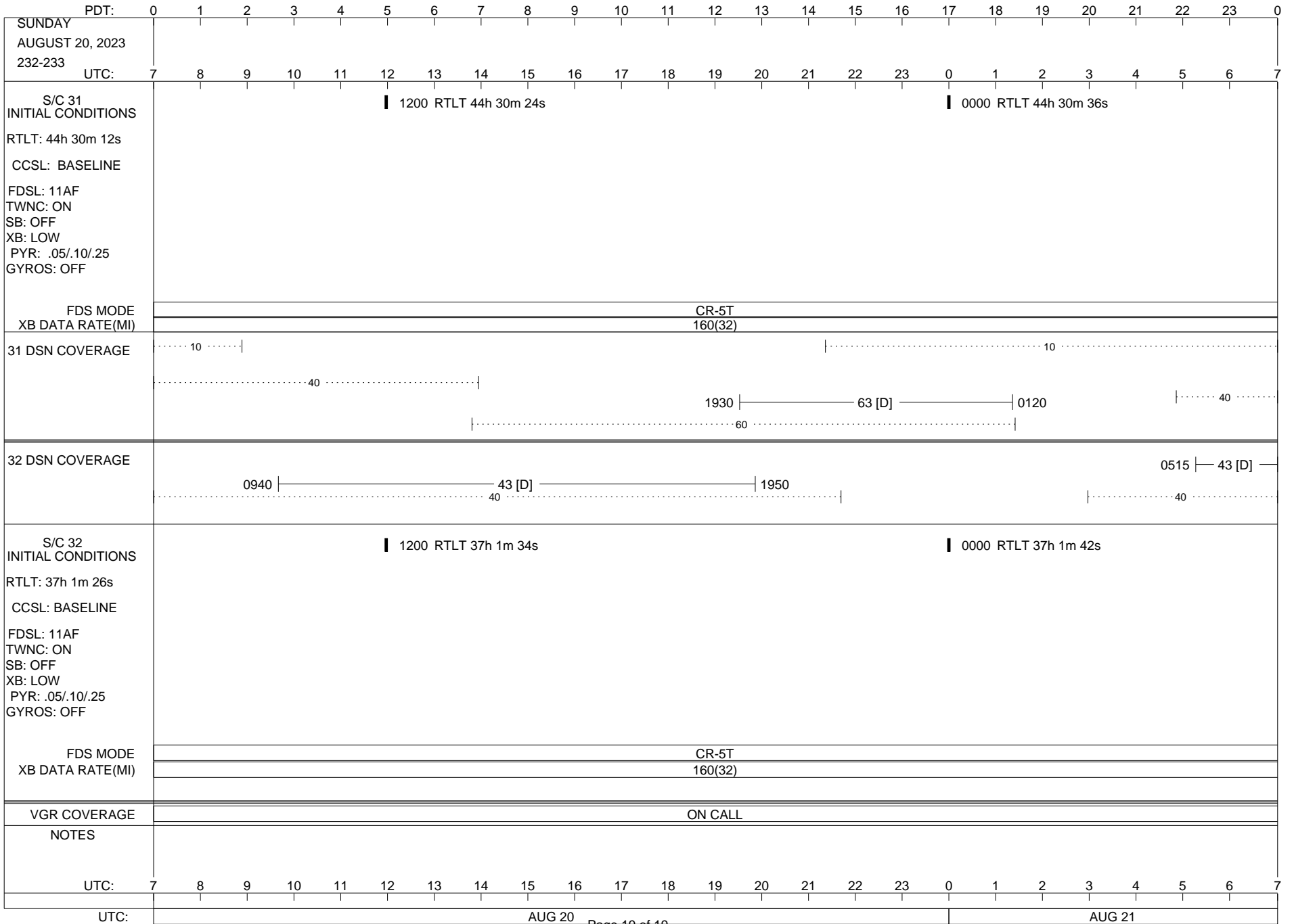
ISSUE DATE: 08/16/23 11:12



ISSUE DATE: 08/16/23 11:12

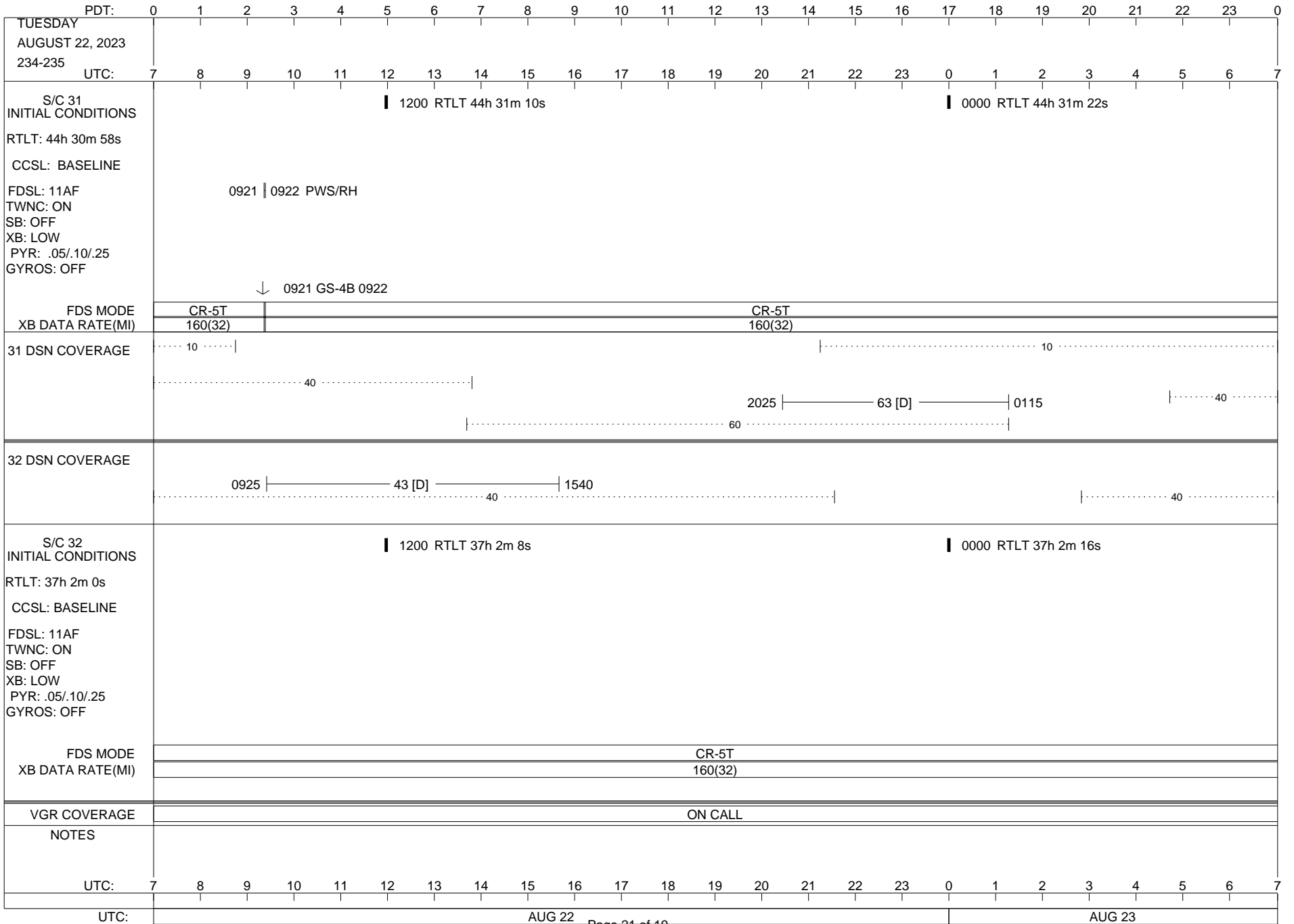


ISSUE DATE: 08/16/23 11:12

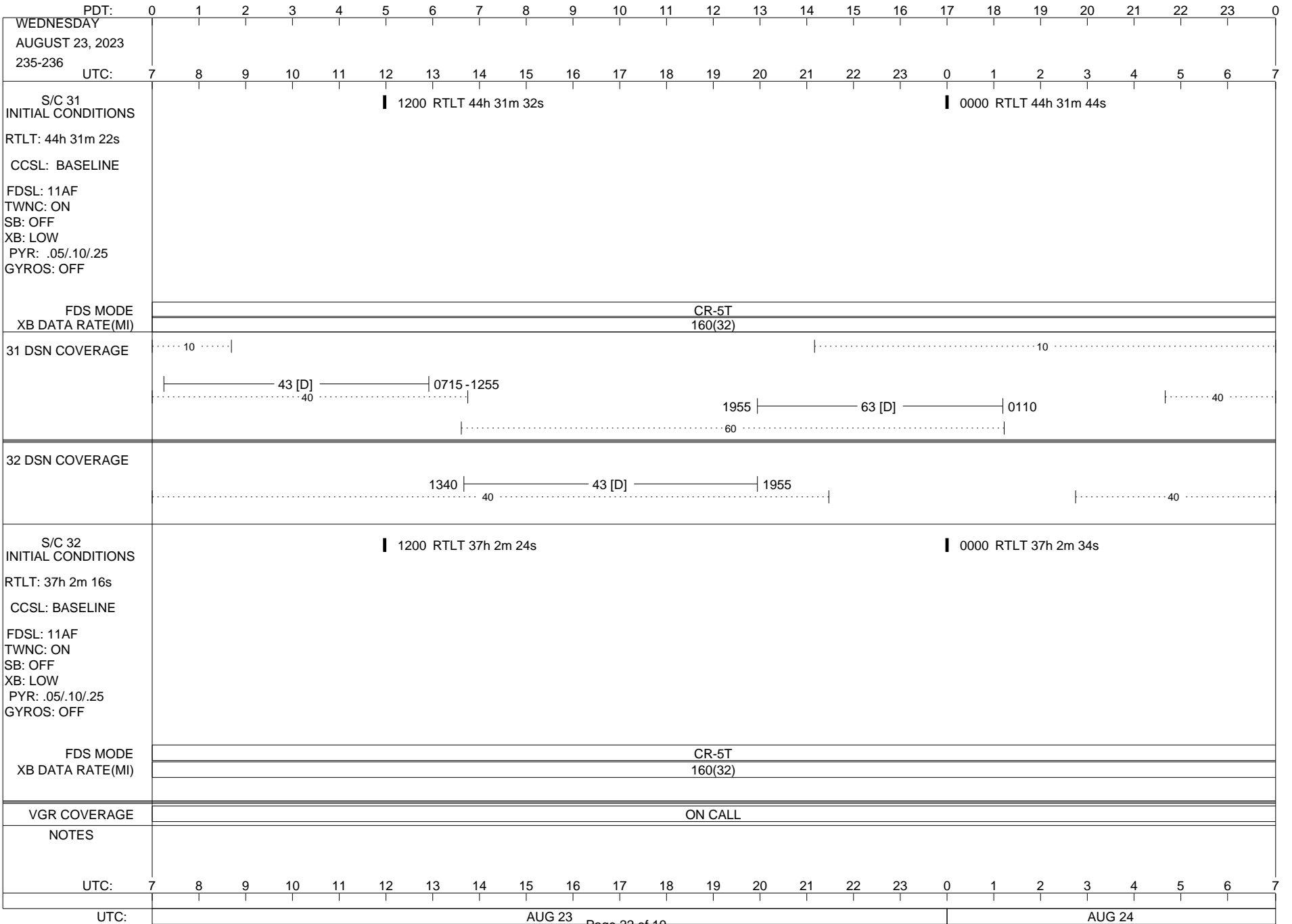


ISSUE DATE: 08/16/23 11:12

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			
MONDAY AUGUST 21, 2023 233-234	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: 44h 30m 36s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 44h 30m 46s												0000 RTLT 44h 30m 58s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE	.....10 .....  0940  ----- 43 [D] -----  1340 .....40 .....  1835  ----- 63 [D] -----  0120 .....60 .....												.....10 .....  .....40 .....															
32 DSN COVERAGE	--- 43 [D] ---  0850 1425  ----- 43 [D] -----  1730 .....40 .....												.....40 .....															
S/C 32 INITIAL CONDITIONS RTLT: 37h 1m 42s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 1m 50s												0000 RTLT 37h 2m 0s															
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 21														AUG 22													

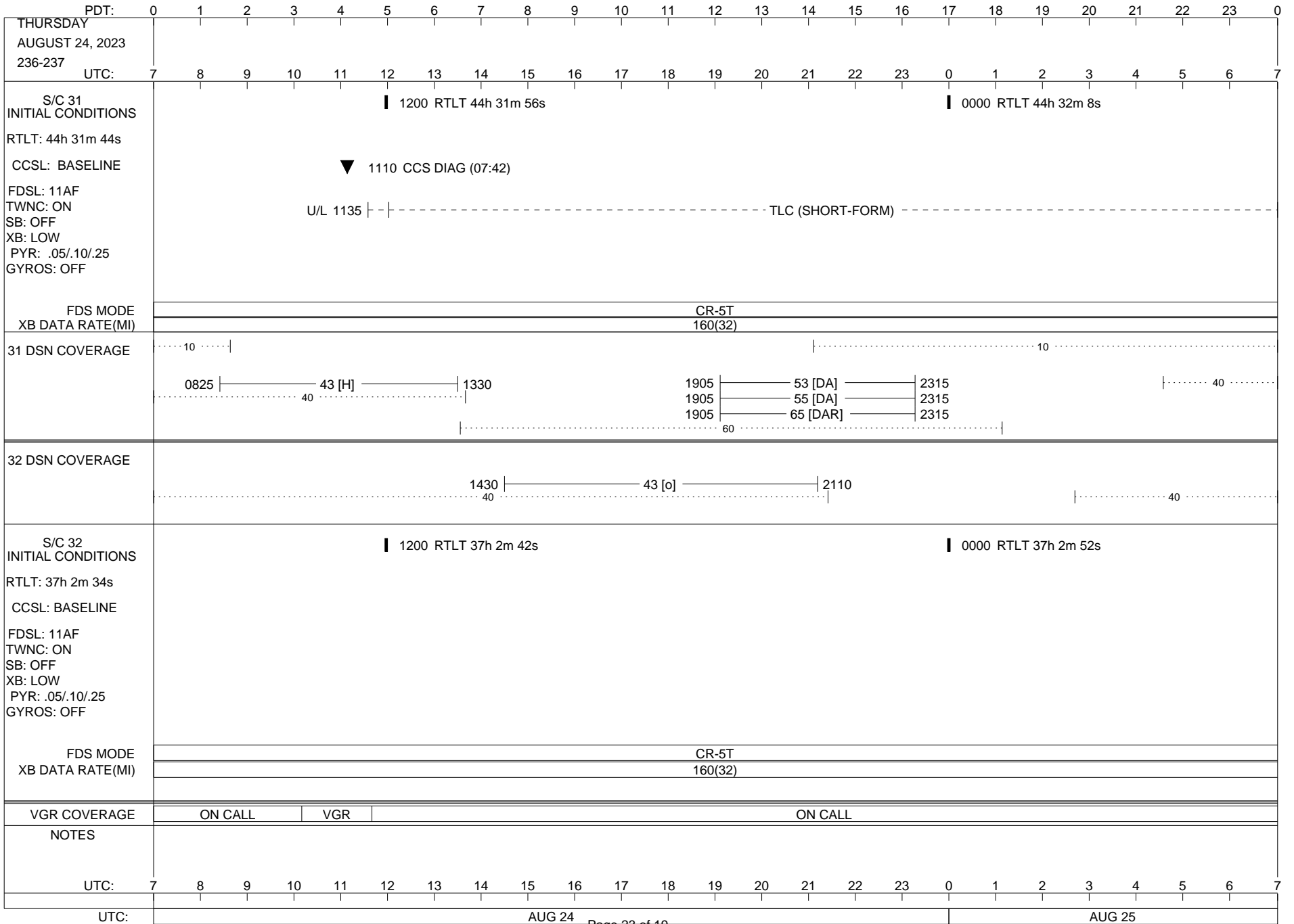


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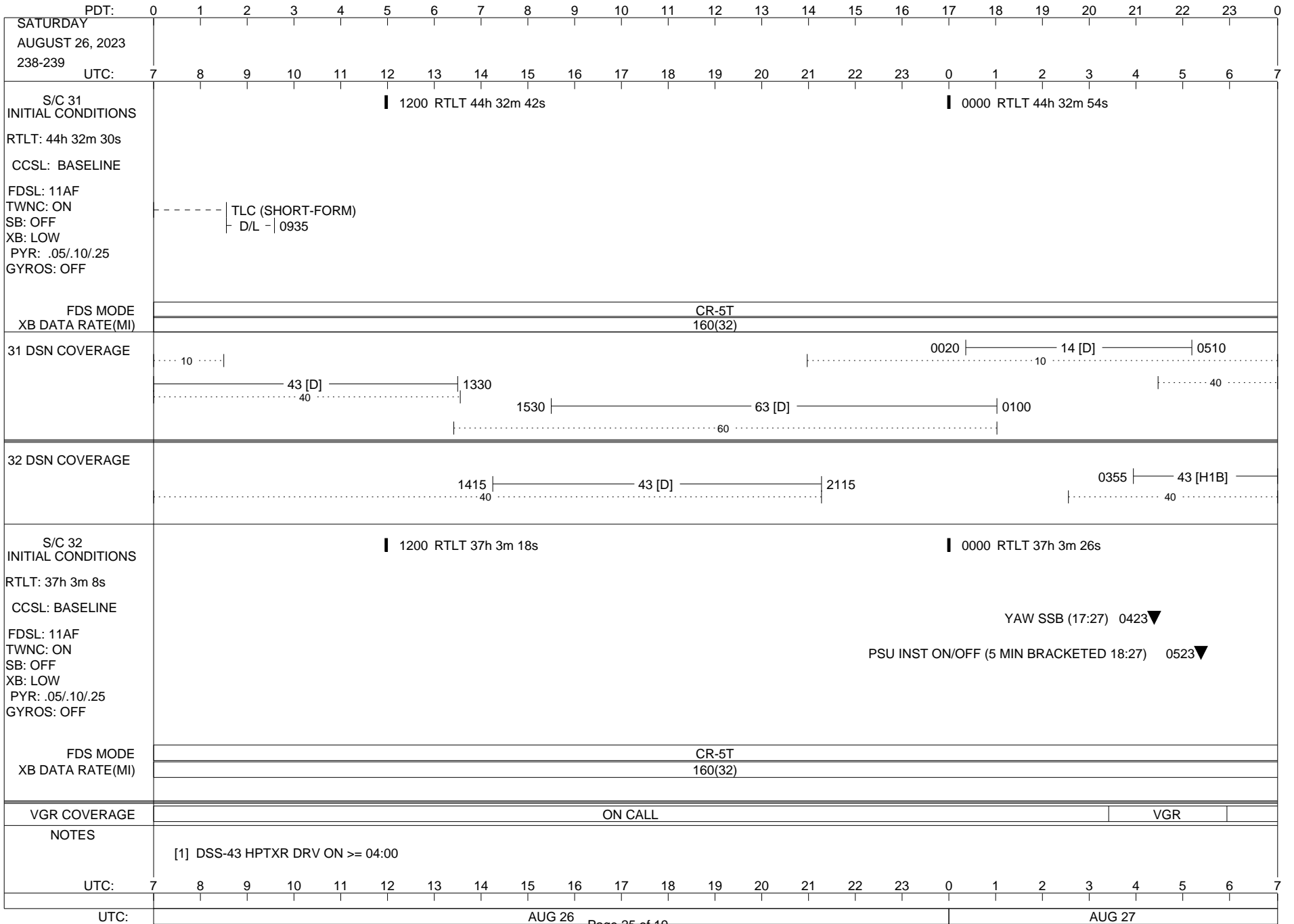


ISSUE DATE: 08/16/23 11:12

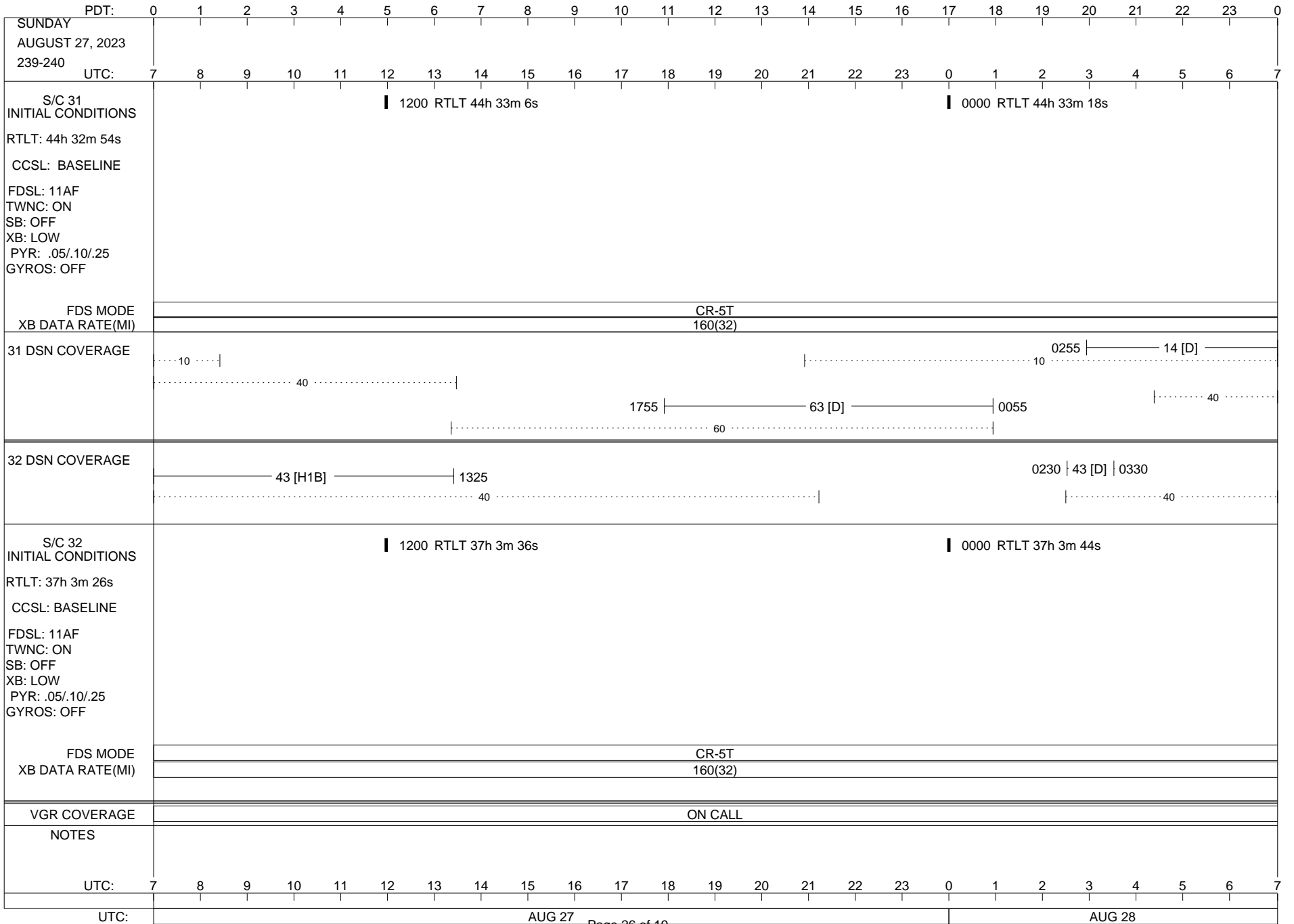


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FRIDAY AUGUST 25, 2023 237-238																												
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS RTLTL: 44h 32m 8s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 44h 32m 20s												0000 RTLTL 44h 32m 30s															
----- TLC (SHORT-FORM) -----																												
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	..... 10 .....												2105  ----- 14 [D] -----  0145  ----- 10 -----															
	..... 40 .....												----- 43 [D] 0650    ----- 40 -----															
	----- 60 -----																											
32 DSN COVERAGE	..... 40 .....												1755  ----- 43 [D] -----  2120															
	----- 40 -----												0235  ----- 43 [D] -----  0600  ----- 40 -----															
S/C 32 INITIAL CONDITIONS RTLTL: 37h 2m 52s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 37h 3m 0s												0000 RTLTL 37h 3m 8s															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												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 25														AUG 26													

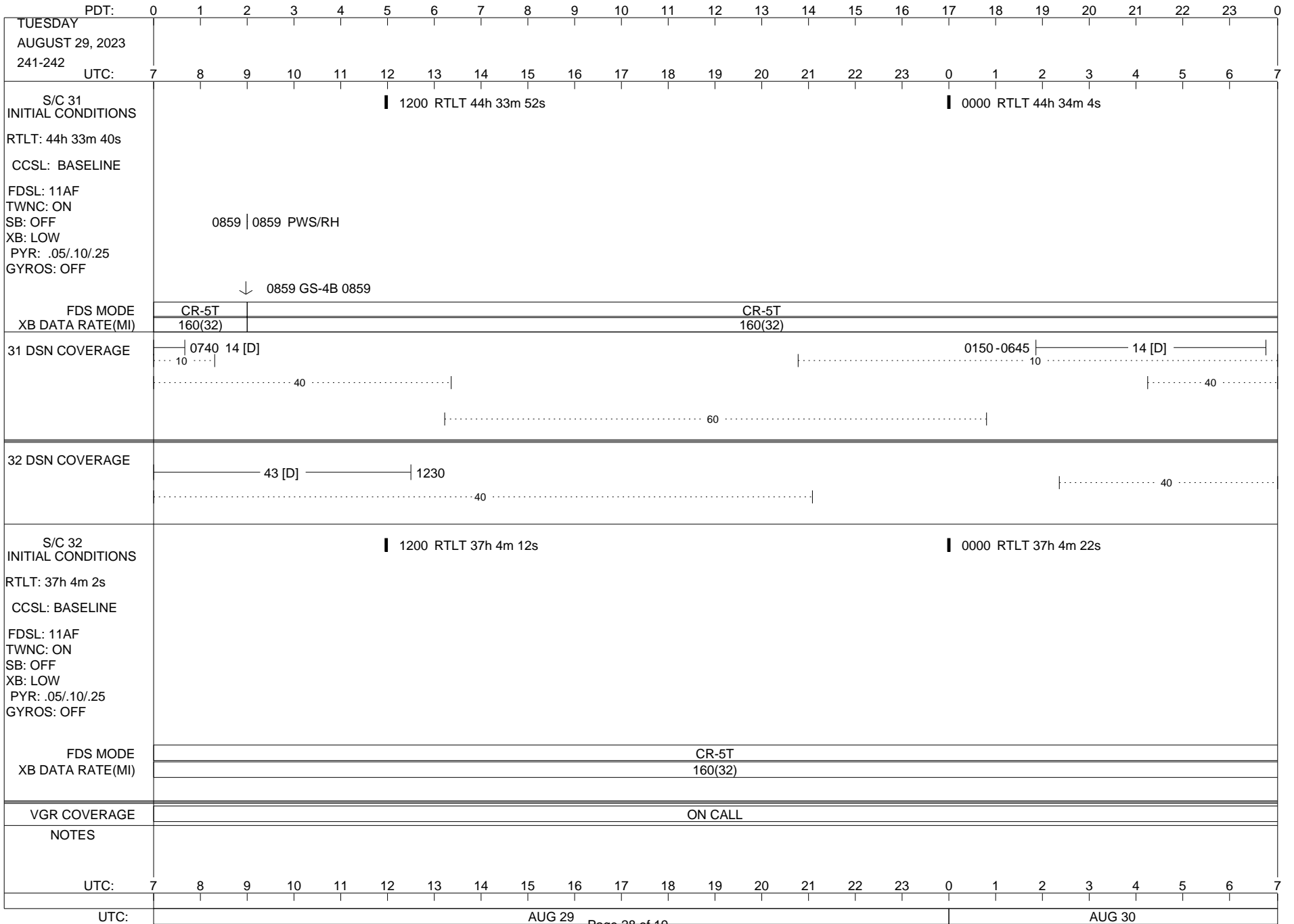
ISSUE DATE: 08/16/23 11:12



ISSUE DATE: 08/16/23 11:12



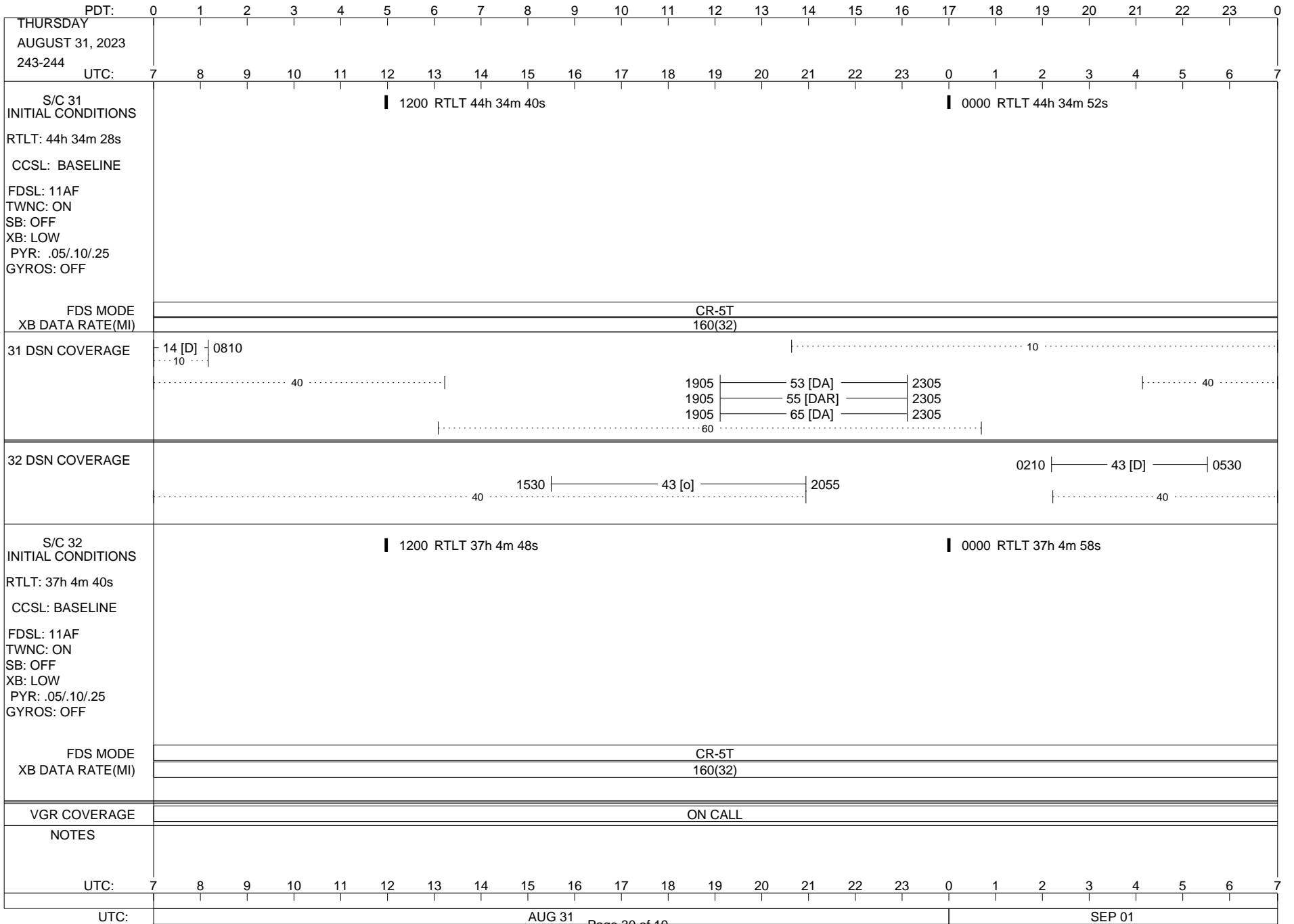
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
MONDAY AUGUST 28, 2023 240-241																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 44h 33m 18s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 44h 33m 28s												0000 RTLT 44h 33m 40s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	0715 14 [D] 10												0145 14 [D] 10												
	43 [D] 0720-1150 40												40												
													60												
32 DSN COVERAGE	1235 43 [D] 2110 40												43 [D] 0630 40												
S/C 32 INITIAL CONDITIONS RTLT: 37h 3m 44s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 3m 54s												0000 RTLT 37h 4m 2s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL												VGR						ON CALL						
NOTES													* ↓ 1728 YAW SSB						* ↓ 1828 PSU INST ON ↓ 1900 PSU INST OFF						
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 28												Page 27 of 19						AUG 29						



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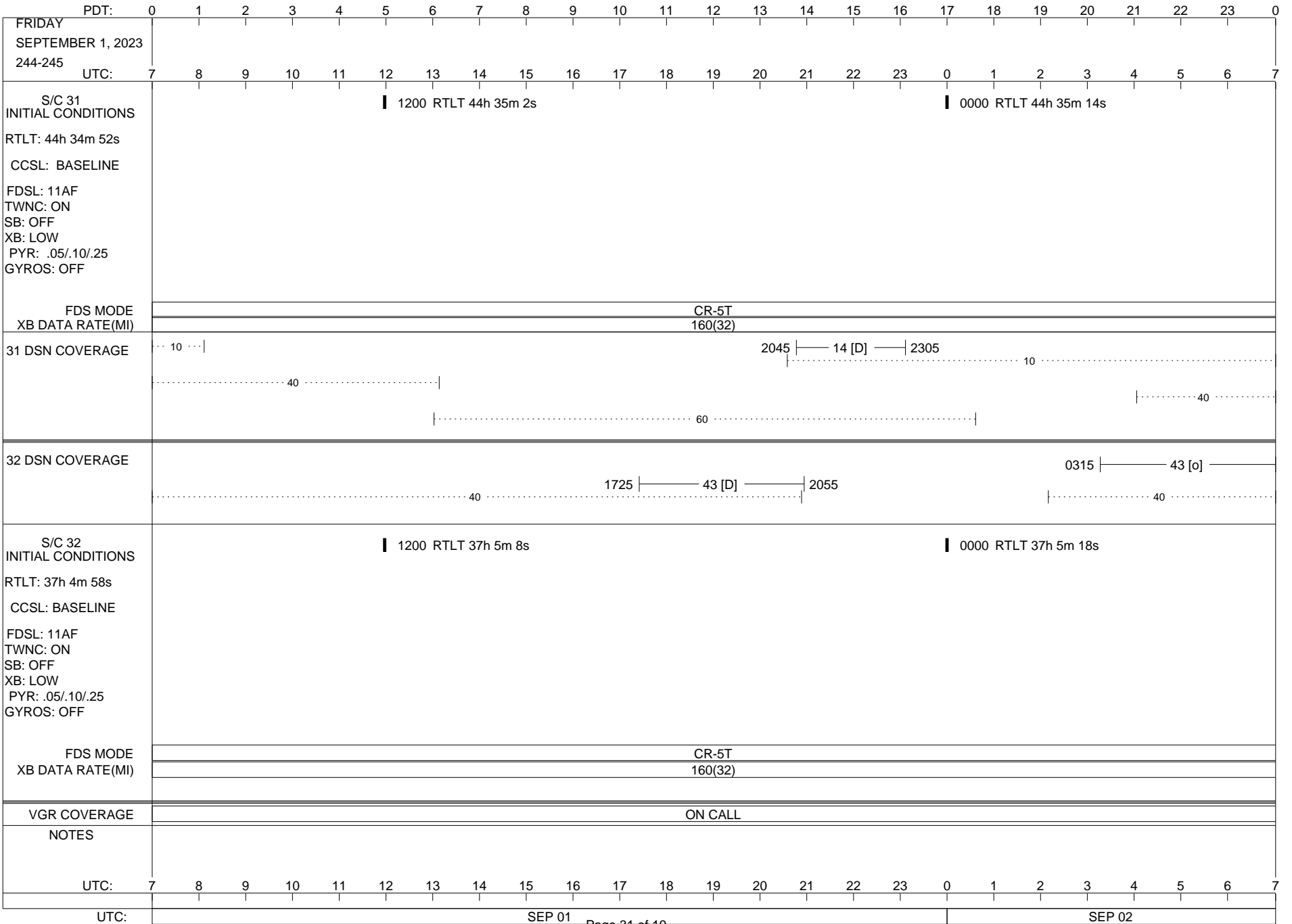
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WEDNESDAY AUGUST 30, 2023 242-243																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 44h 34m 4s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 44h 34m 16s												0000 RTLTL 44h 34m 28s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	-----40-----												-----2150----- -----14 [D]-----												
	-----60-----												-----10----- -----40-----												
32 DSN COVERAGE	-----40-----												-----40-----												
S/C 32 INITIAL CONDITIONS RTLTL: 37h 4m 22s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 37h 4m 30s												0000 RTLTL 37h 4m 40s												
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 30												AUG 31												

ISSUE DATE: 08/16/23 11:12

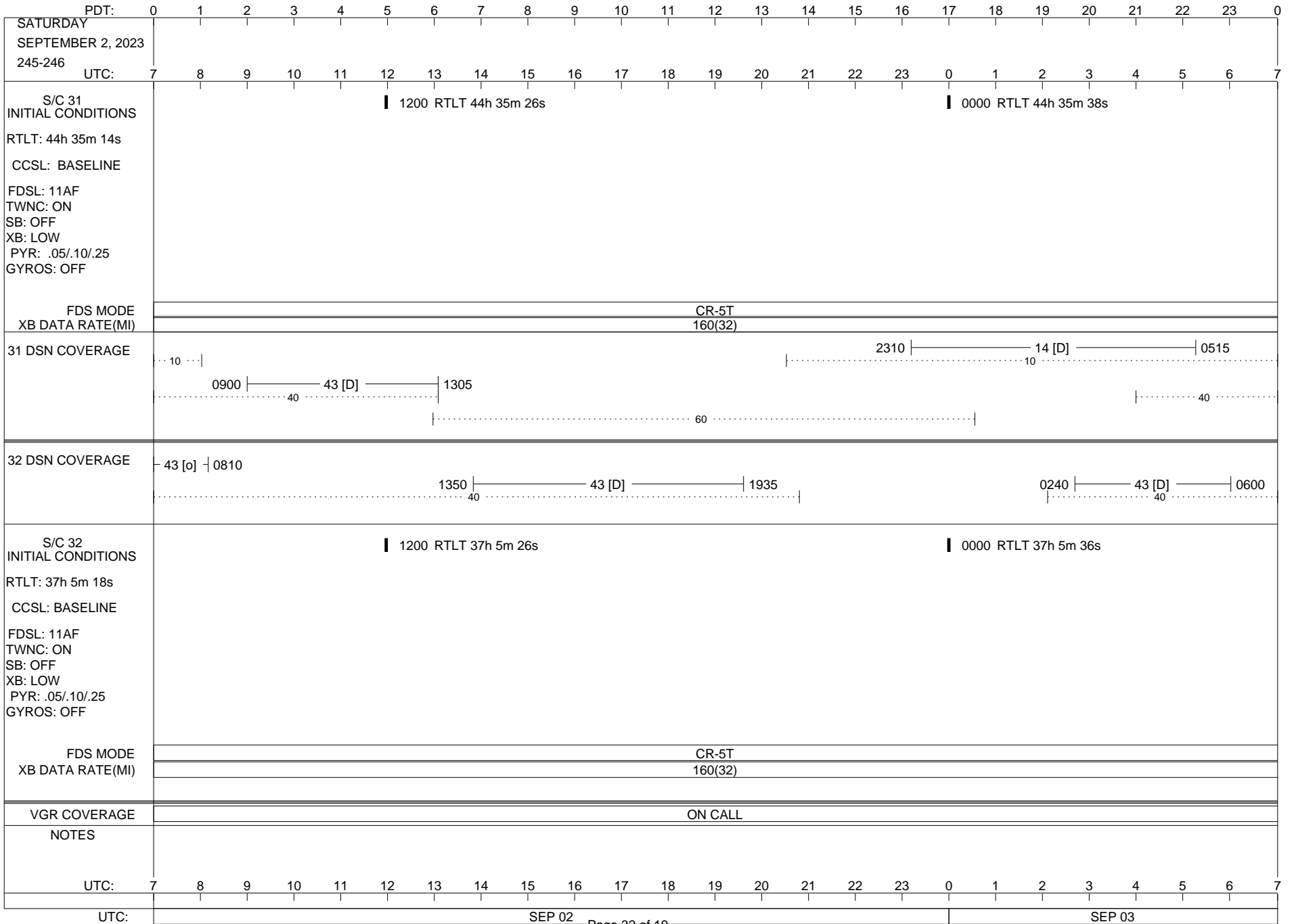




ISSUE DATE: 08/16/23 11:12



ISSUE DATE: 08/16/23 11:12



ISSUE DATE: 08/16/23 11:12

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		
SUNDAY SEPTEMBER 3, 2023 246-247																											
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: 44h 35m 38s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 44h 35m 50s												0000 RTLT 44h 36m 2s														
	▼ 1005 CCS DIAG (06:41)												U/L 1030   -   ----- TLC (SHORT-FORM) -----														
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																										
31 DSN COVERAGE	----- 43 [HT] -----  0720-1255												----- 53 [DA] -----  2315														
	----- 40 -----												----- 54 [DAR] -----  2315														
	----- 60 -----												----- 55 [DA] -----  2315														
32 DSN COVERAGE	----- 43 [D] -----  1340												----- 40 -----  1920														
S/C 32 INITIAL CONDITIONS RTLT: 37h 5m 36s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 37h 5m 46s												0000 RTLT 37h 5m 56s														
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:	SEP 03														SEP 04												

ISSUE DATE: 08/16/23 11:12

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			
MONDAY SEPTEMBER 4, 2023 247-248																												
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 44h 36m 14s												0000 RTLT 44h 36m 26s															
RTLT: 44h 36m 2s																												
CSSL: BASELINE																												
FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	----- TLC (SHORT-FORM) -----																											
FDS MODE															CR-5T													
XB DATA RATE(MI)															160(32)													
31 DSN COVERAGE	0755 14 [D]														..... 10 .....													
	..... 40 .....														..... 43 [D] 0635													
	..... 40 .....														..... 60 .....													
32 DSN COVERAGE	..... 43 [D] .....														0735-1410													
	..... 40 .....														..... 40 .....													
S/C 32 INITIAL CONDITIONS	1200 RTLT 37h 6m 4s												0000 RTLT 37h 6m 14s															
RTLT: 37h 5m 56s																												
CSSL: BASELINE																												
FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF																												
FDS MODE															CR-5T													
XB DATA RATE(MI)															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:	SEP 04														SEP 05													