

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: August 26, 2020

For the Period: 08/27/20 to 09/14/20 (20/240 – 20/258)



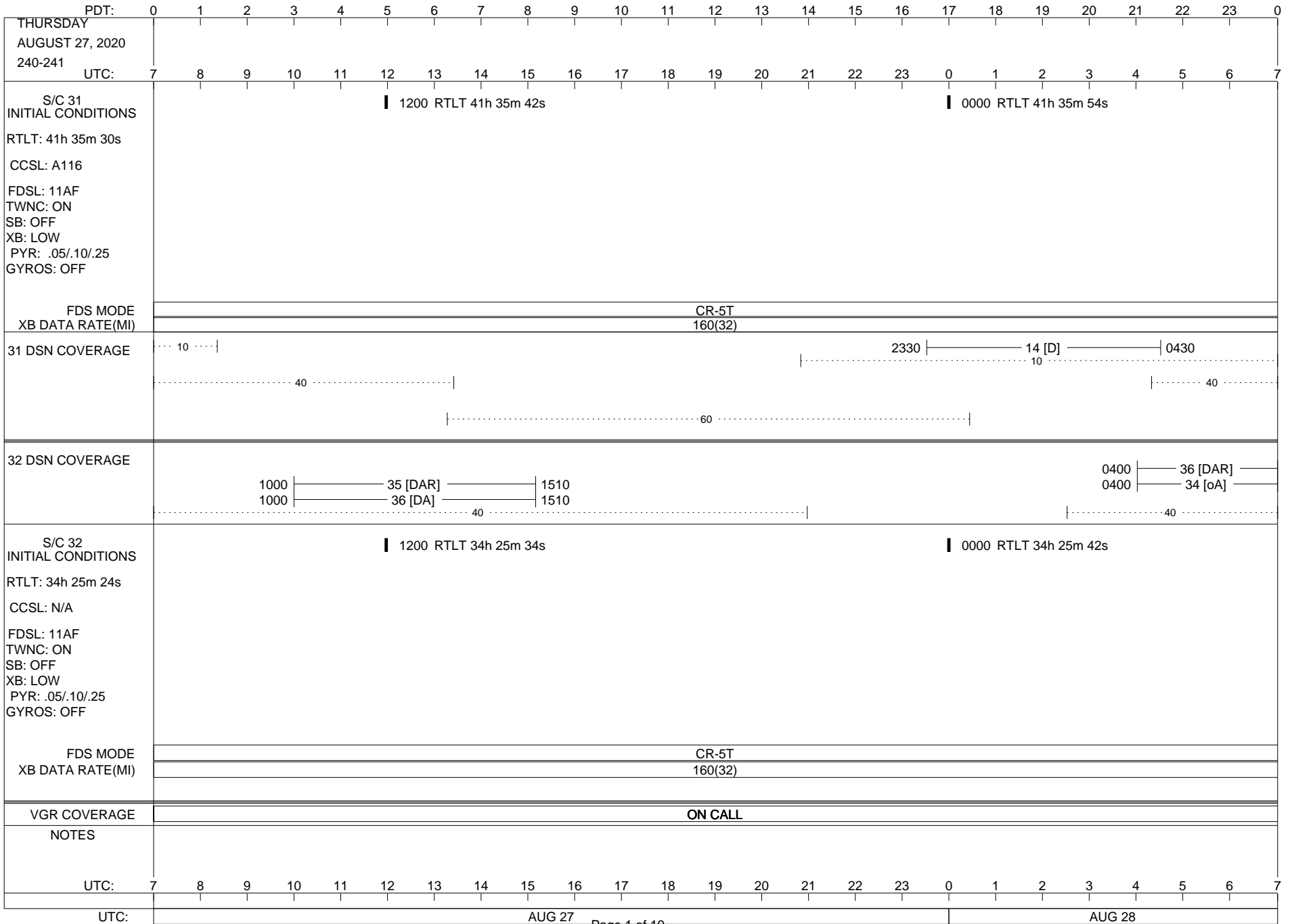
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

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

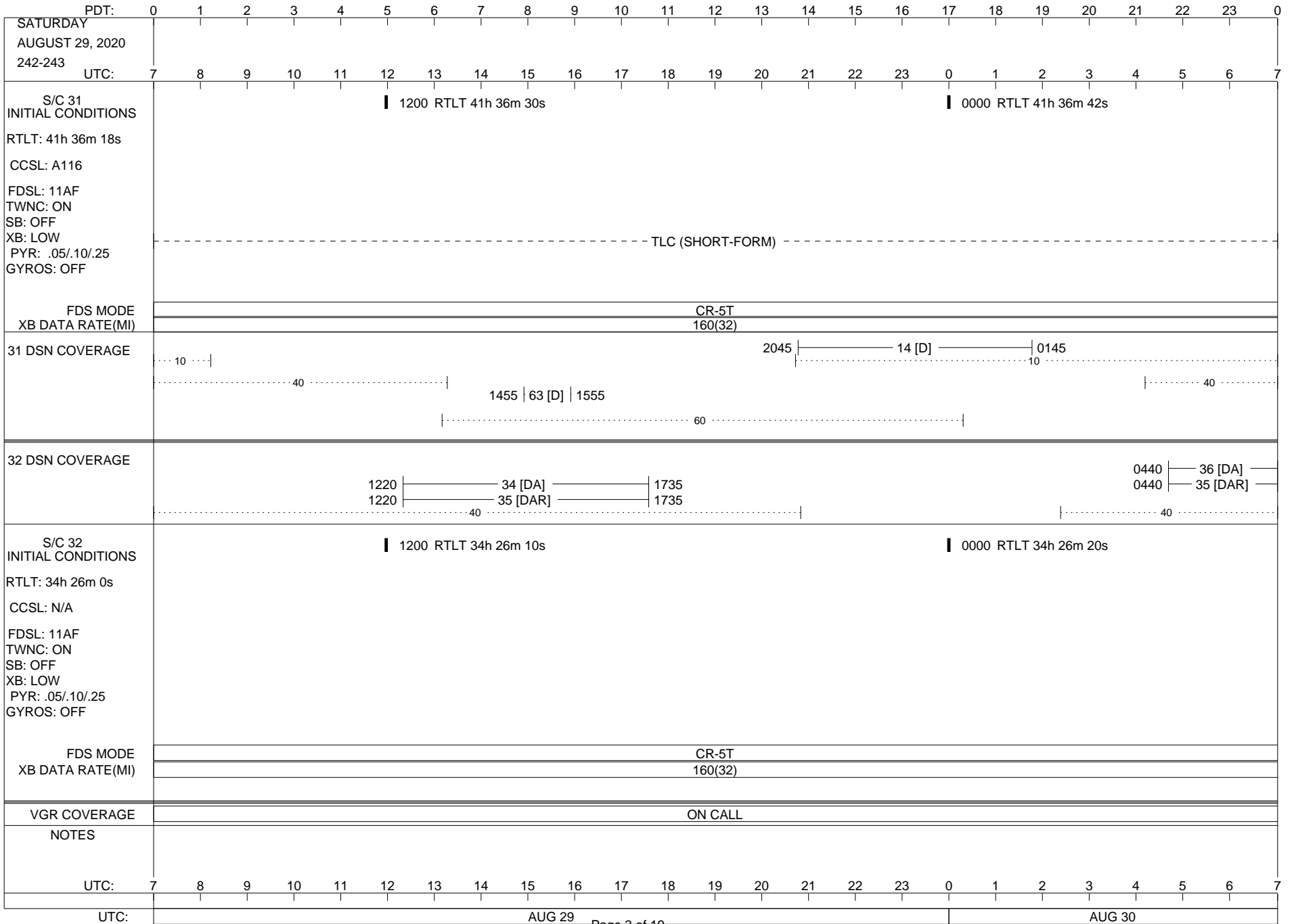
02/27/19

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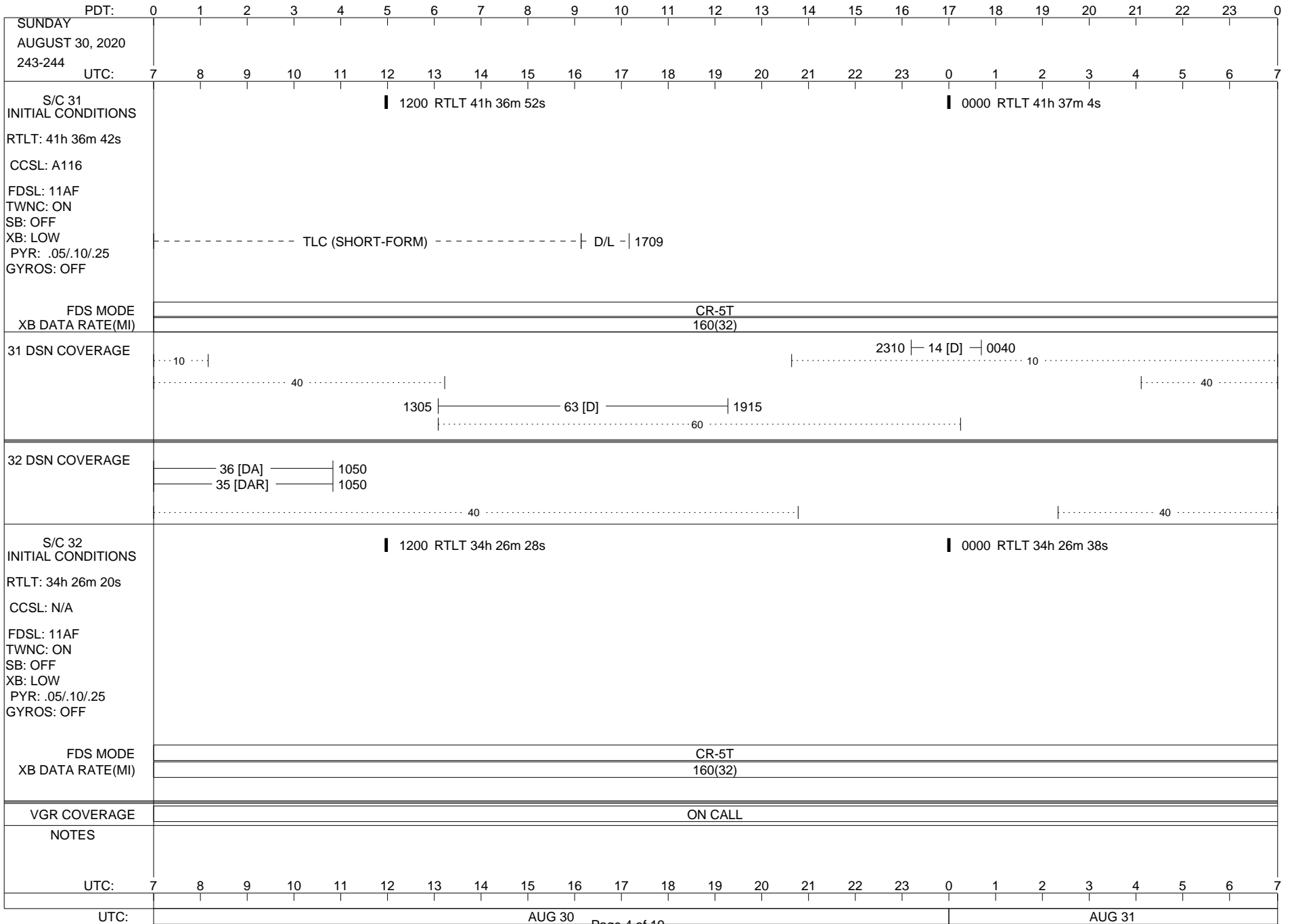


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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
FRIDAY AUGUST 28, 2020 241-242																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 41h 35m 54s CCSL: A116 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 41h 36m 6s												█ 0000 RTLT 41h 36m 18s							
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 34h 25m 42s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 34h 25m 52s												█ 0000 RTLT 34h 26m 0s							
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:																									

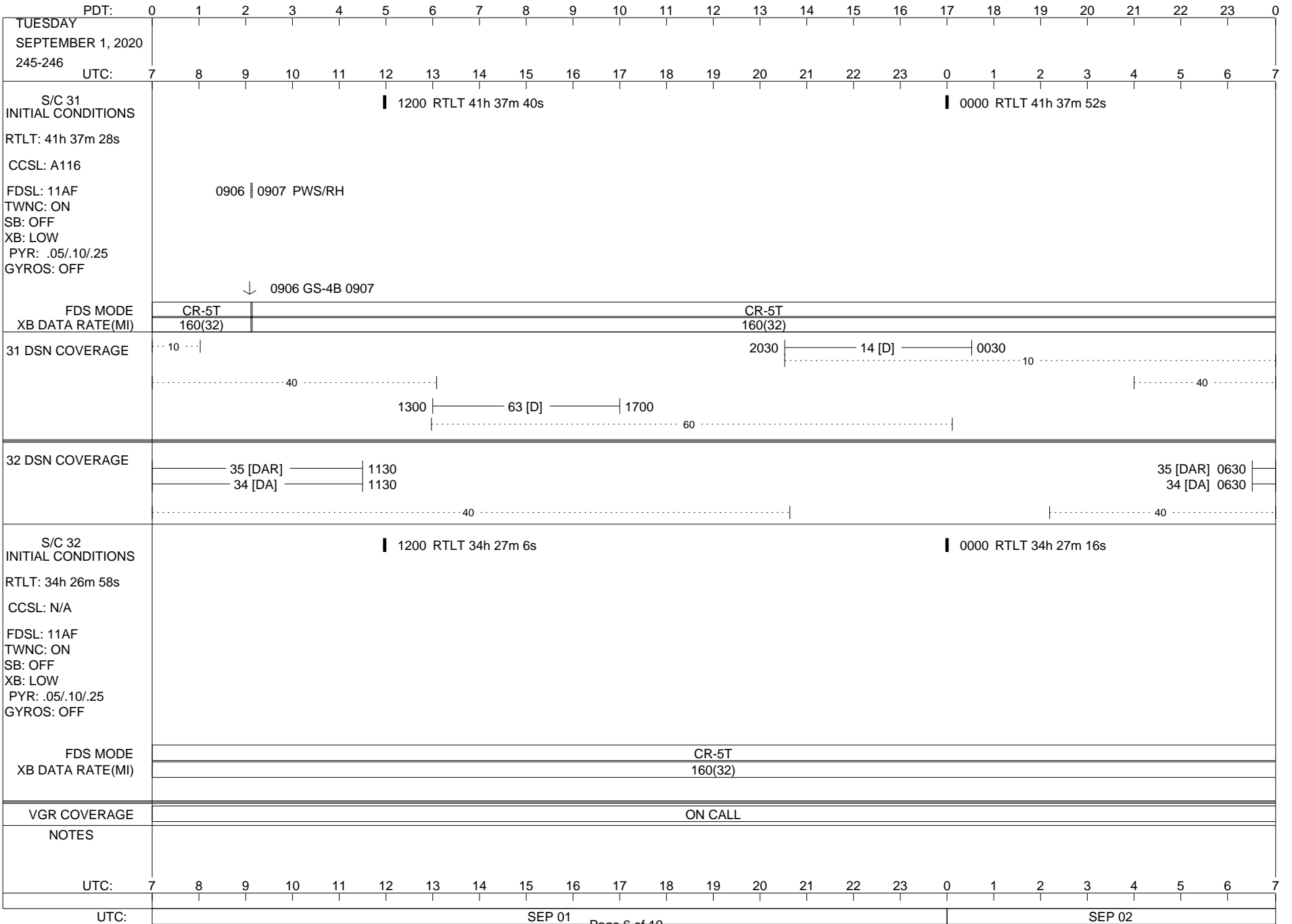


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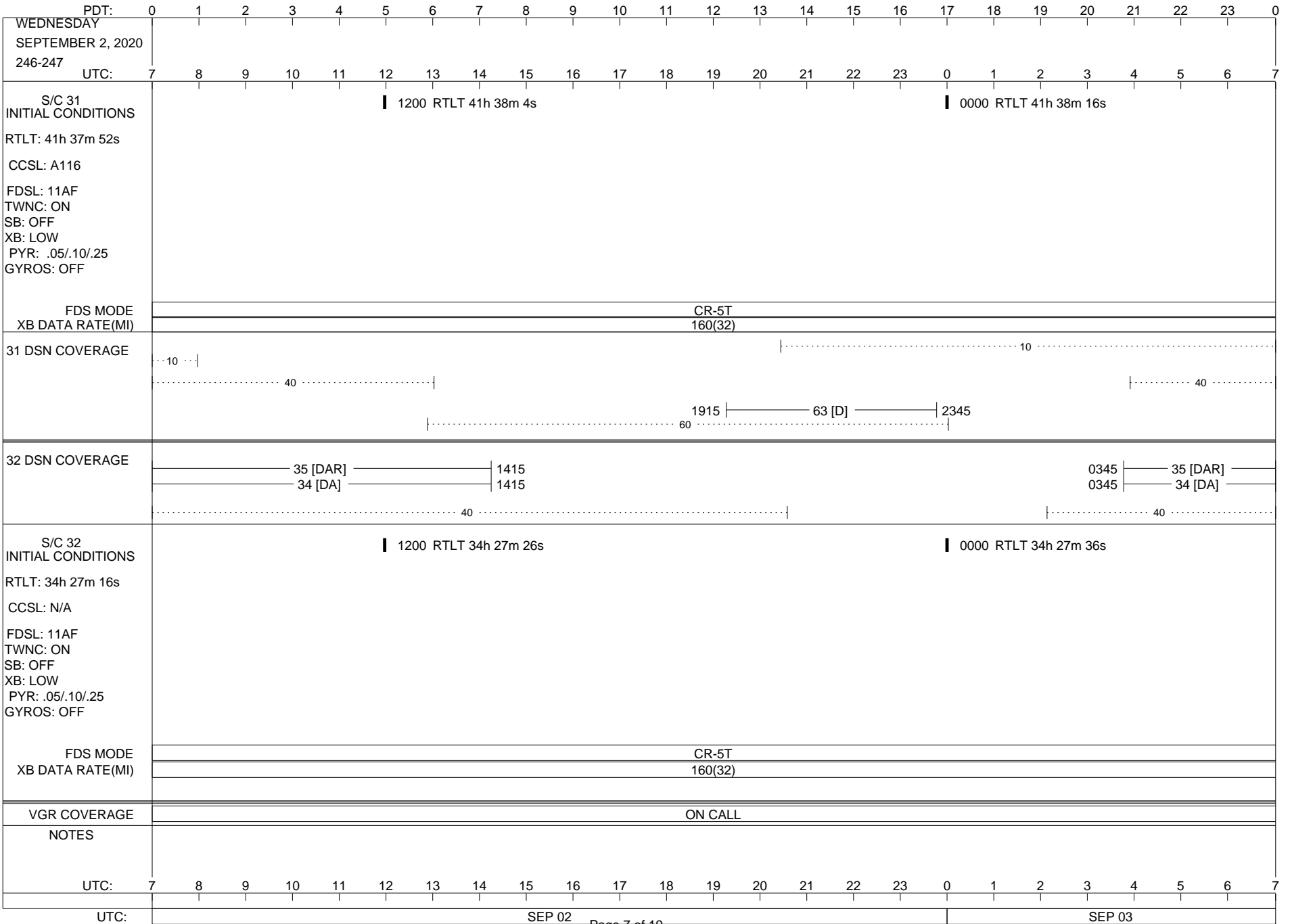


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MONDAY AUGUST 31, 2020 244-245																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 41h 37m 4s CCSL: A116 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 41h 37m 16s												| 0000 RTLTL 41h 37m 28s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	| 10 |												| 10 |												
	| 40 |												| 40 |												
	| 2020 |												| 63 [D] |												
	| 60 |												| 0035 |												
32 DSN COVERAGE	| 34 [DA] |												| 0710 - 1255 |												
	| 35 [DAR] |												| 0710 - 1255 |												
	| 40 |												| 40 |												
S/C 32 INITIAL CONDITIONS RTLTL: 34h 26m 38s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 34h 26m 48s												| 0000 RTLTL 34h 26m 58s												
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 31												SEP 01												

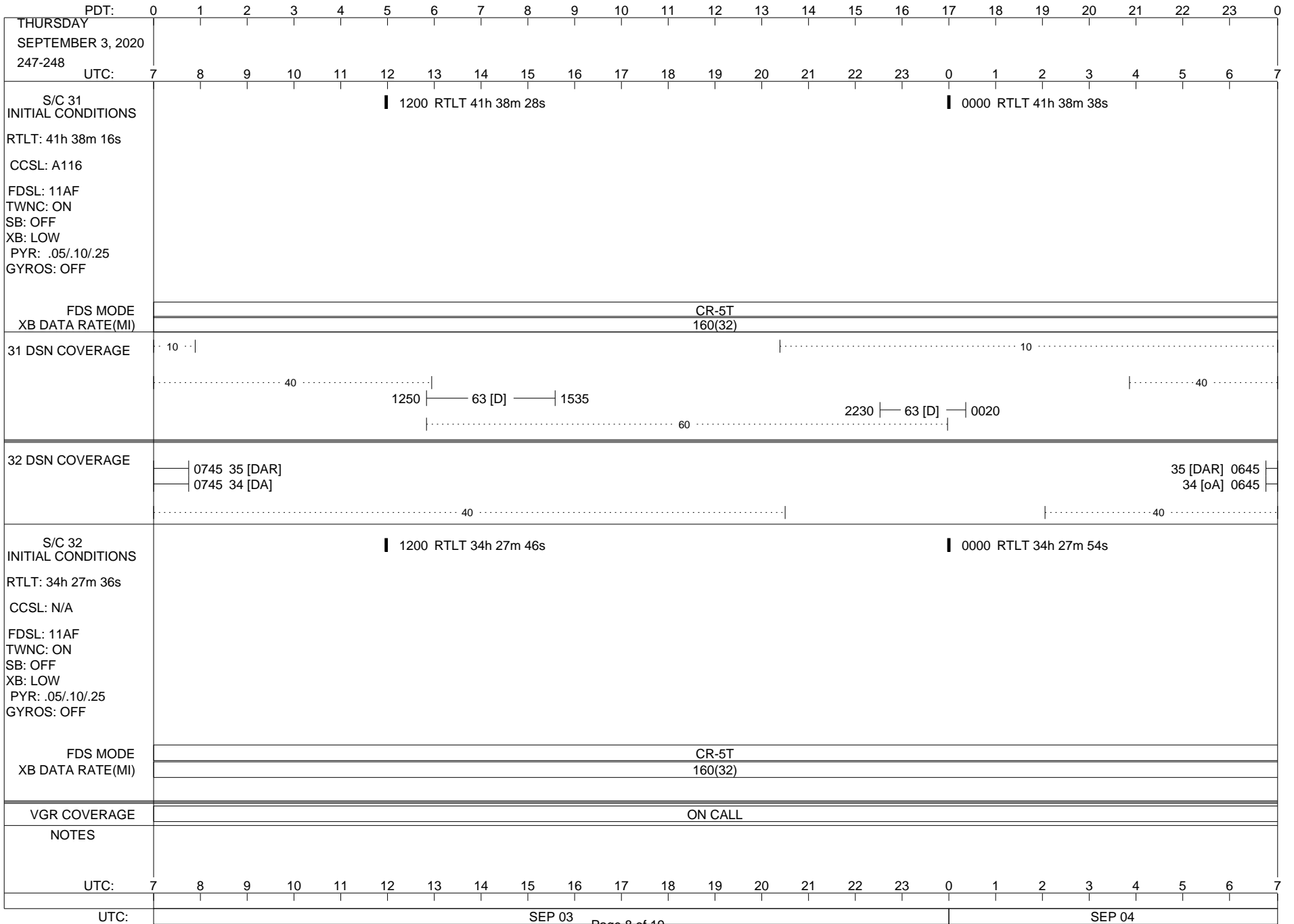
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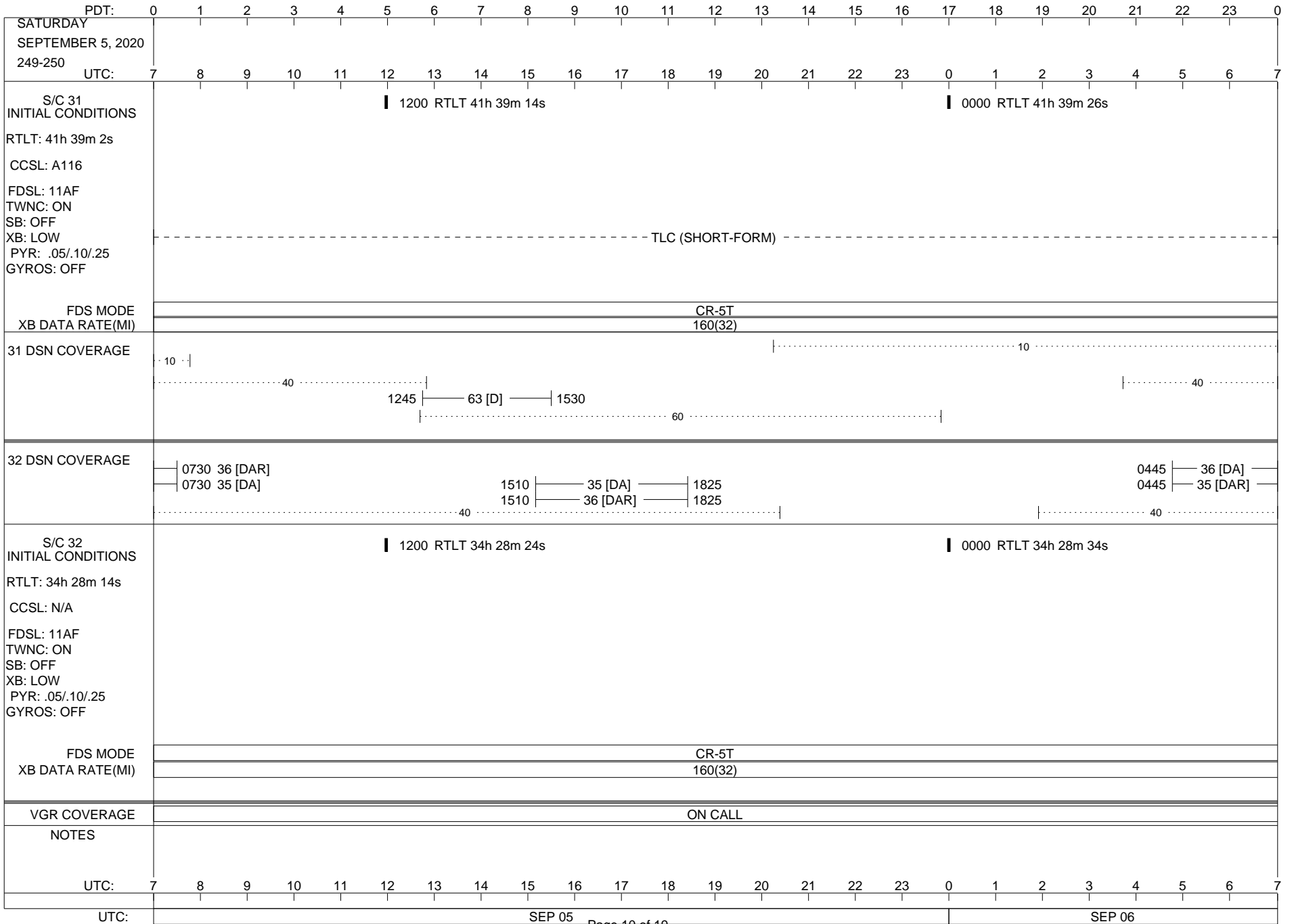
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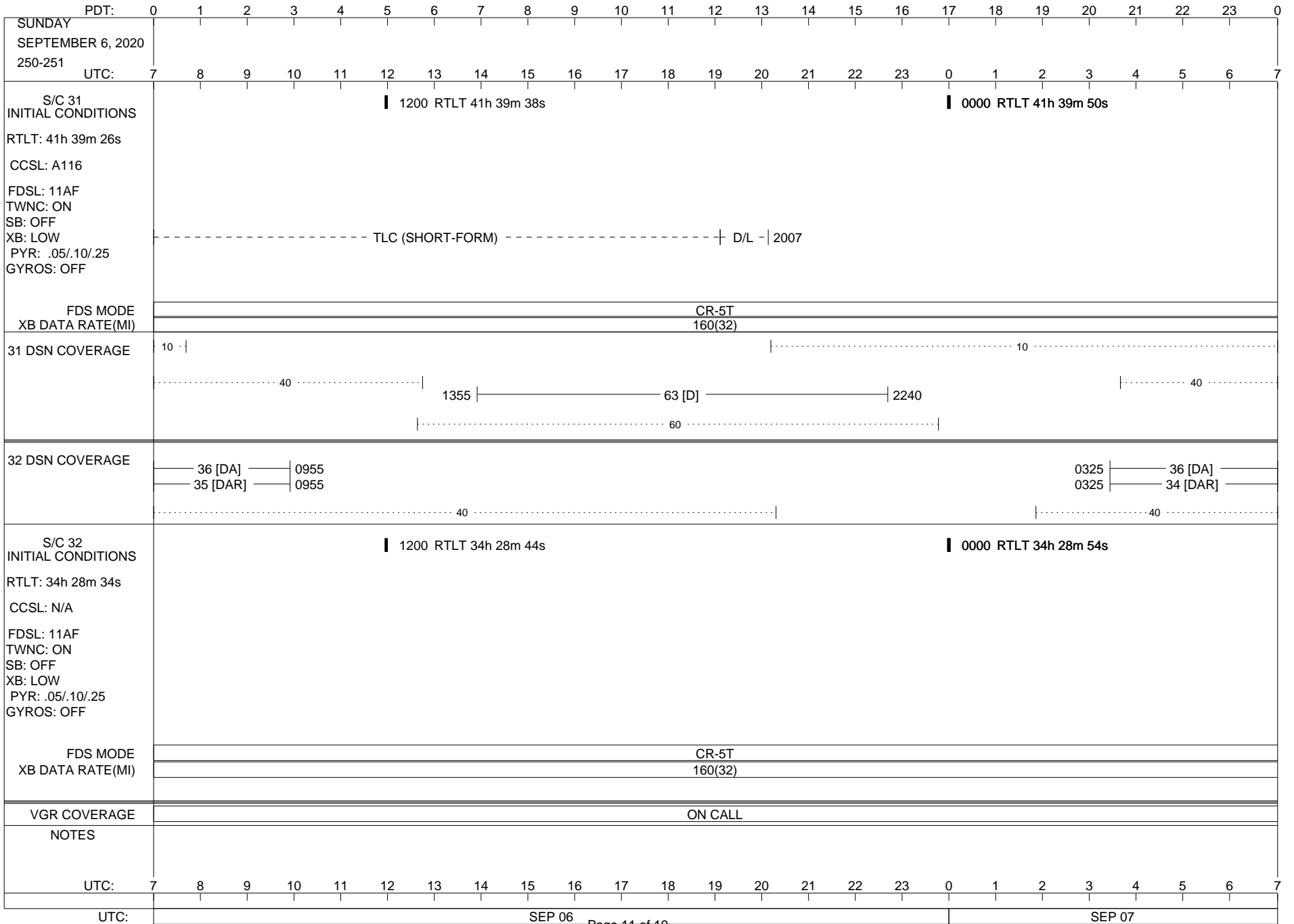
ISSUE DATE: 08/26/20 11:38



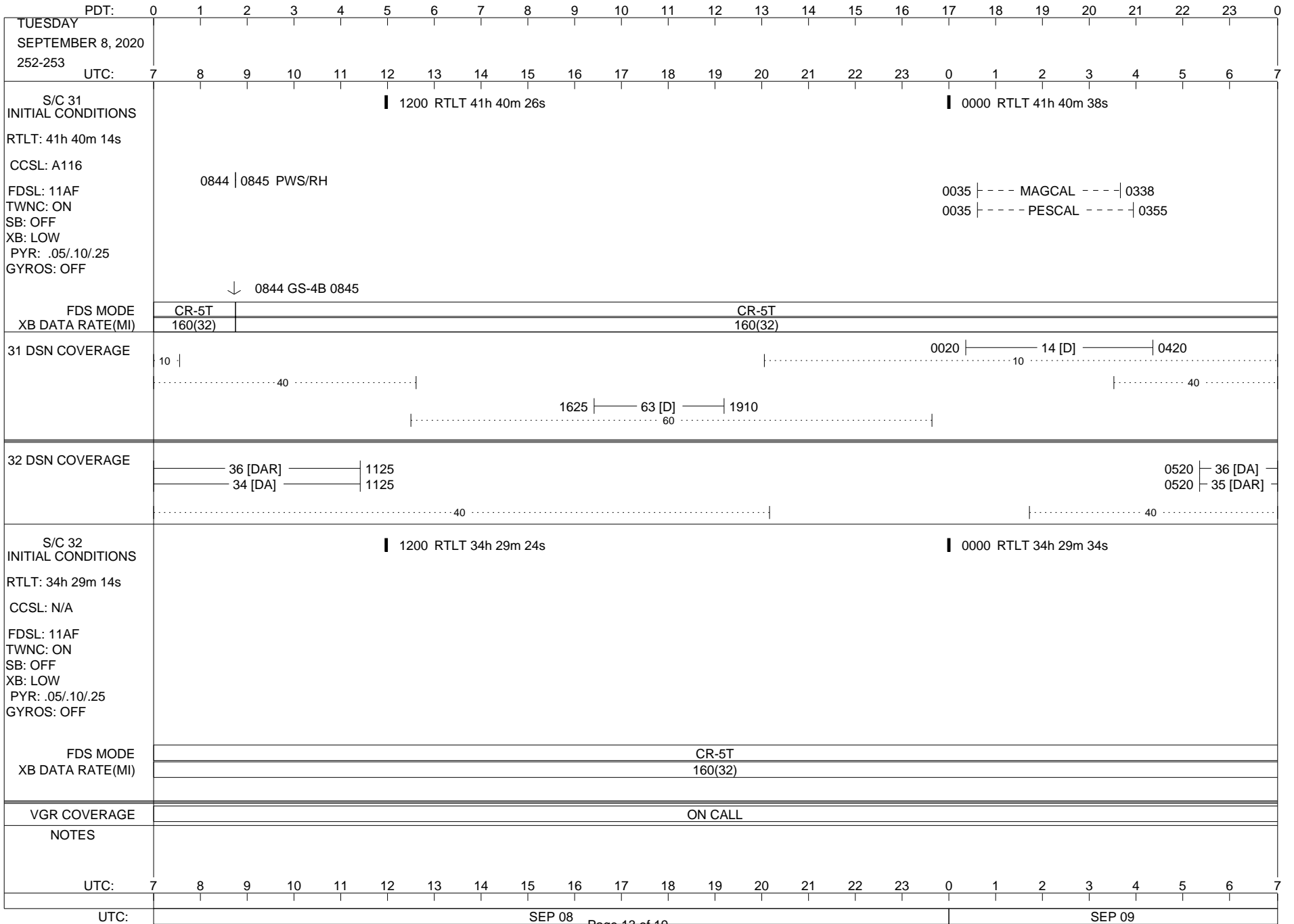
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
FRIDAY SEPTEMBER 4, 2020 248-249																								0	
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 41h 38m 38s CCSL: A116 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 41h 38m 50s											| 0000 RTLT 41h 39m 2s													
																						▼ 0035 CCS DIAG (28:14)			
																						U/L 0100 | - | - - - - - TLC (SHORT-FORM) - - - - -			
FDS MODE XB DATA RATE(MI)												CR-5T 160(32)													
31 DSN COVERAGE	| 10 |											| 2335 | 14 [T] | 0320 | 40 | | 10 | | 40 |													
	| 1630 | 63 [D] | 2345 | 60 | |																								
32 DSN COVERAGE	| 35 [DAR] | 1345 | 34 [oA] | 1345											| 0330 | 36 [DAR] | | 0330 | 35 [DA] |													
	| 40 |											| 40 |													
S/C 32 INITIAL CONDITIONS RTLT: 34h 27m 54s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 34h 28m 4s											| 0000 RTLT 34h 28m 14s													
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 04											SEP 05													



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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 SEPTEMBER 7, 2020 251-252	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: 41h 39m 50s CCSL: A116 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 41h 40m 2s											█ 0000 RTLT 41h 40m 14s																
FDS MODE XB DATA RATE(MI)												CR-5T 160(32)																
31 DSN COVERAGE	10 |															2320 |		14 [D]		0135								
	.....40.....|														.....10.....|		.....40.....|											
												1235 |		63 [D]		1520												
												.....60.....|																
32 DSN COVERAGE	— 36 [DA] —| 0900															0525 |		36 [DAR]										
	— 34 [DAR] —| 0900															0525 |		34 [DA]										
	.....40.....|														.....40.....|													
S/C 32 INITIAL CONDITIONS RTLTL: 34h 28m 54s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 34h 29m 4s											█ 0000 RTLT 34h 29m 14s																
FDS MODE XB DATA RATE(MI)												CR-5T 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 07													SEP 08														



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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

WEDNESDAY
 SEPTEMBER 9, 2020
 253-254 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

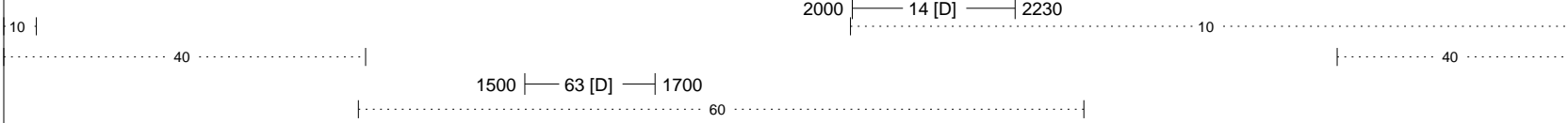
S/C 31
 INITIAL CONDITIONS
 RTLT: 41h 40m 38s
 CCSL: A116
 FDSL: 11AF
 TWNC: ON
 SB: OFF
 XB: LOW
 PYR: .05/.10/.25
 GYROS: OFF

1200 RTLT 41h 40m 50s 0000 RTLT 41h 41m 0s

FDS MODE
 XB DATA RATE(MI)

CR-5T
 160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
 INITIAL CONDITIONS
 RTLT: 34h 29m 34s
 CCSL: N/A
 FDSL: 11AF
 TWNC: ON
 SB: OFF
 XB: LOW
 PYR: .05/.10/.25
 GYROS: OFF

1200 RTLT 34h 29m 44s 0000 RTLT 34h 29m 54s

FDS MODE
 XB DATA RATE(MI)

CR-5T
 160(32)

VGR COVERAGE

ON CALL

NOTES

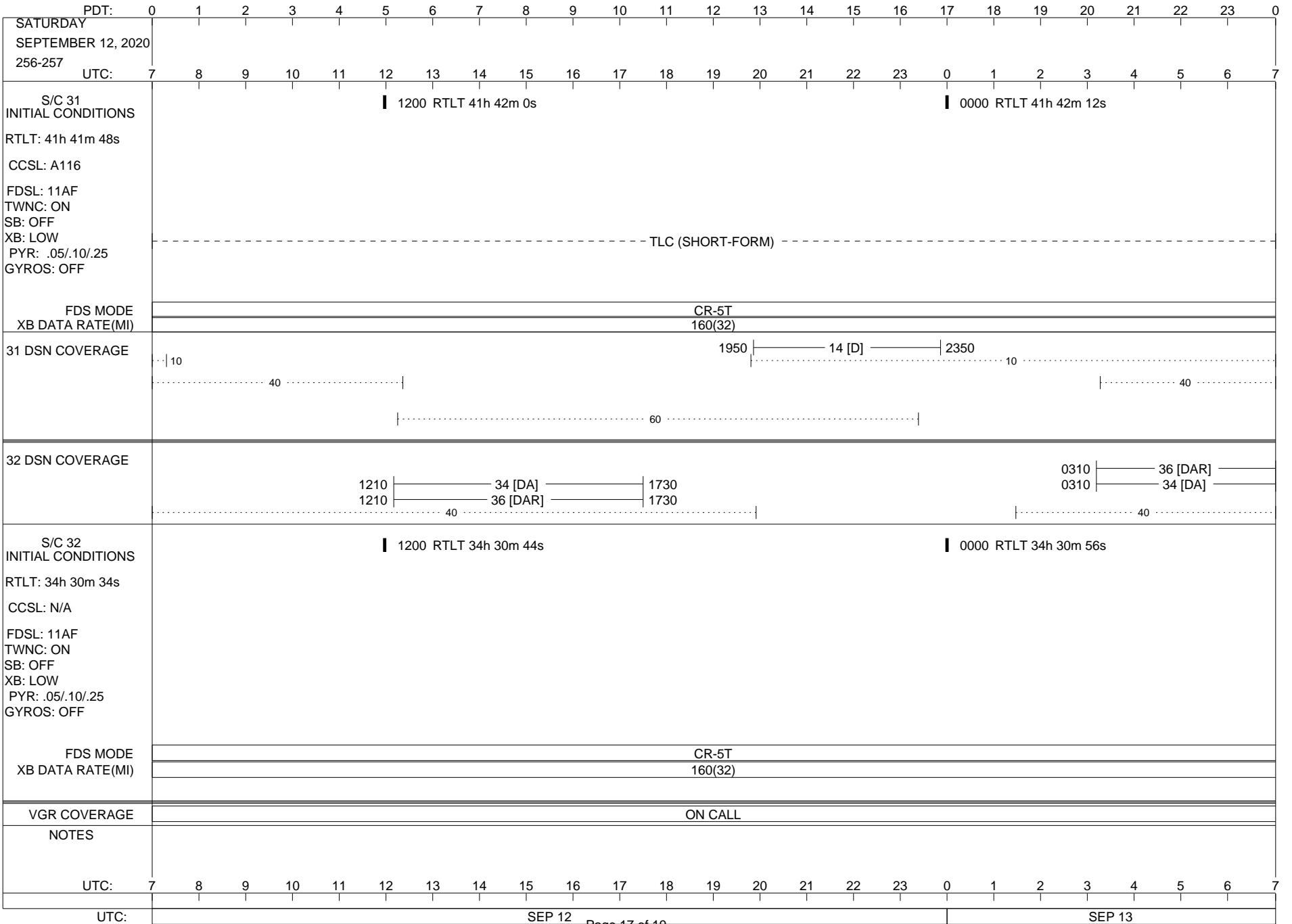
UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

UTC: SEP 09 SEP 10

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 SEPTEMBER 10, 2020 254-255																									
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S/C 31 INITIAL CONDITIONS RTLTL: 41h 41m 0s CCSL: A116 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 41h 41m 12s												0000 RTLTL 41h 41m 24s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	10 |												| 10												
	.....40.....|												|.....40.....											
													1915 |-----63 [D]-----| 2340												
	|.....60.....|																								
32 DSN COVERAGE	35 [DAR] | 0850												0305 |-----36 [DAR]-----												
	34 [DA] | 0850												0305 |-----34 [oA]-----												
	.....40.....|												|.....40.....											
S/C 32 INITIAL CONDITIONS RTLTL: 34h 29m 54s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 34h 30m 4s												| 0000 RTLTL 34h 30m 14s												
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:	SEP 10												SEP 11												

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 SEPTEMBER 11, 2020 255-256																													
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: 41h 41m 24s CCSL: A116 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 41h 41m 36s												0000 RTLT 41h 41m 48s															
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)															
31 DSN COVERAGE		<p>31 DSN COVERAGE plot showing signal strength and coverage over time. Key features include: 10, 40, 1525 | 63 [D] | 1625, 1955, 14 [T], 0055, 10, 40.</p>																											
32 DSN COVERAGE		<p>32 DSN COVERAGE plot showing signal strength and coverage over time. Key features include: 36 [DAR], 1000, 34 [oA], 1000, 40, 40.</p>																											
S/C 32 INITIAL CONDITIONS RTLT: 34h 30m 14s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 34h 30m 24s												0000 RTLT 34h 30m 34s															
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 11												SEP 12															

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