

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: April 8, 2020

For the Period: 04/09/20 to 04/27/20 (20/100 – 20/118)



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

**LEGEND:**

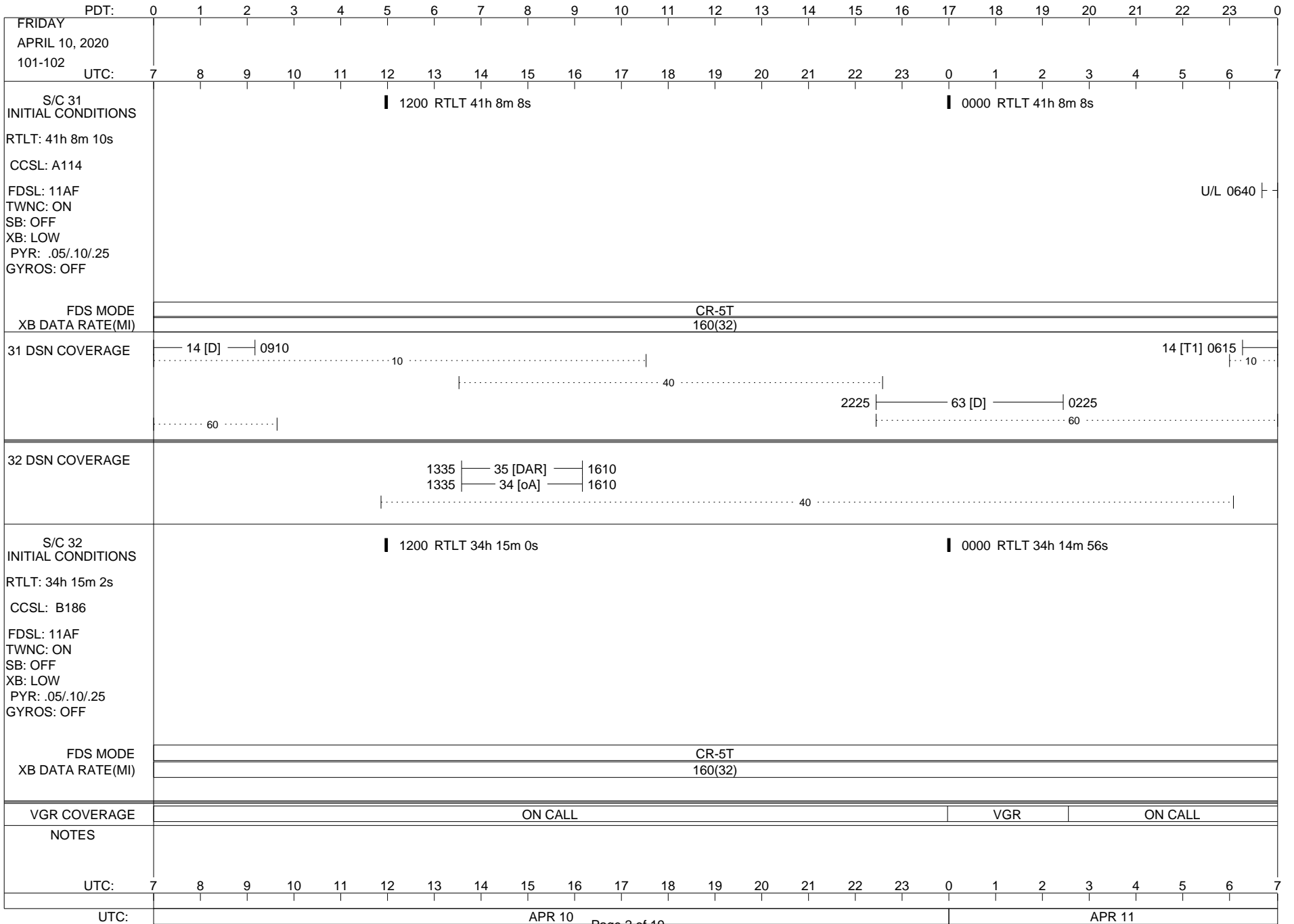
- ∇ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- \* = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
-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

02/27/19

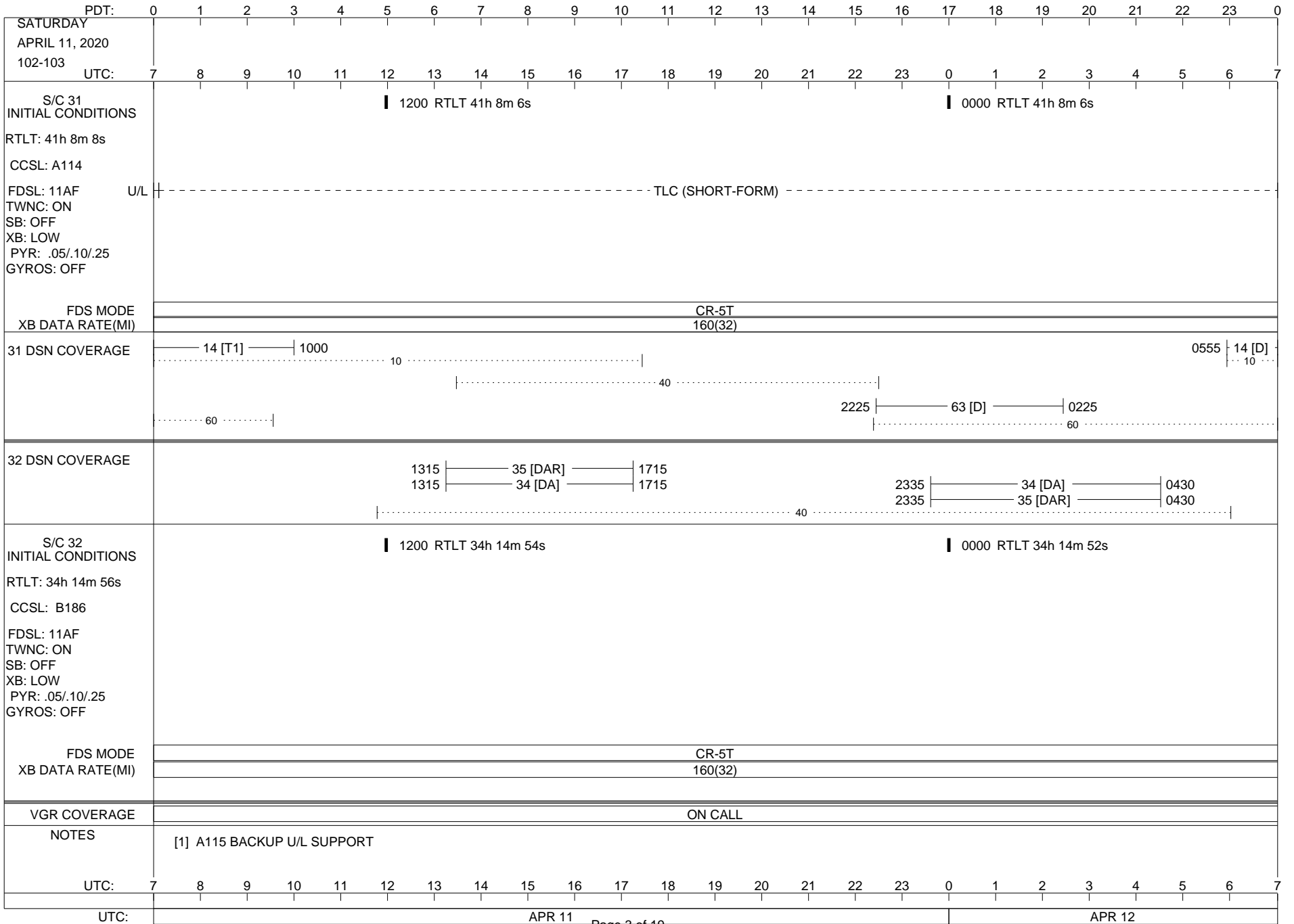
ISSUE DATE: 04/07/20 17:19

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THURSDAY APRIL 9, 2020 100-101																												
S/C 31 INITIAL CONDITIONS RTLTL: 41h 8m 12s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 41h 8m 10s												0000 RTLT 41h 8m 10s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS RTLTL: 34h 15m 6s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 15m 4s												0000 RTLT 34h 15m 2s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
VGR COVERAGE	VGR   ON CALL																											
NOTES																												
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UTC:	APR 09														APR 10													

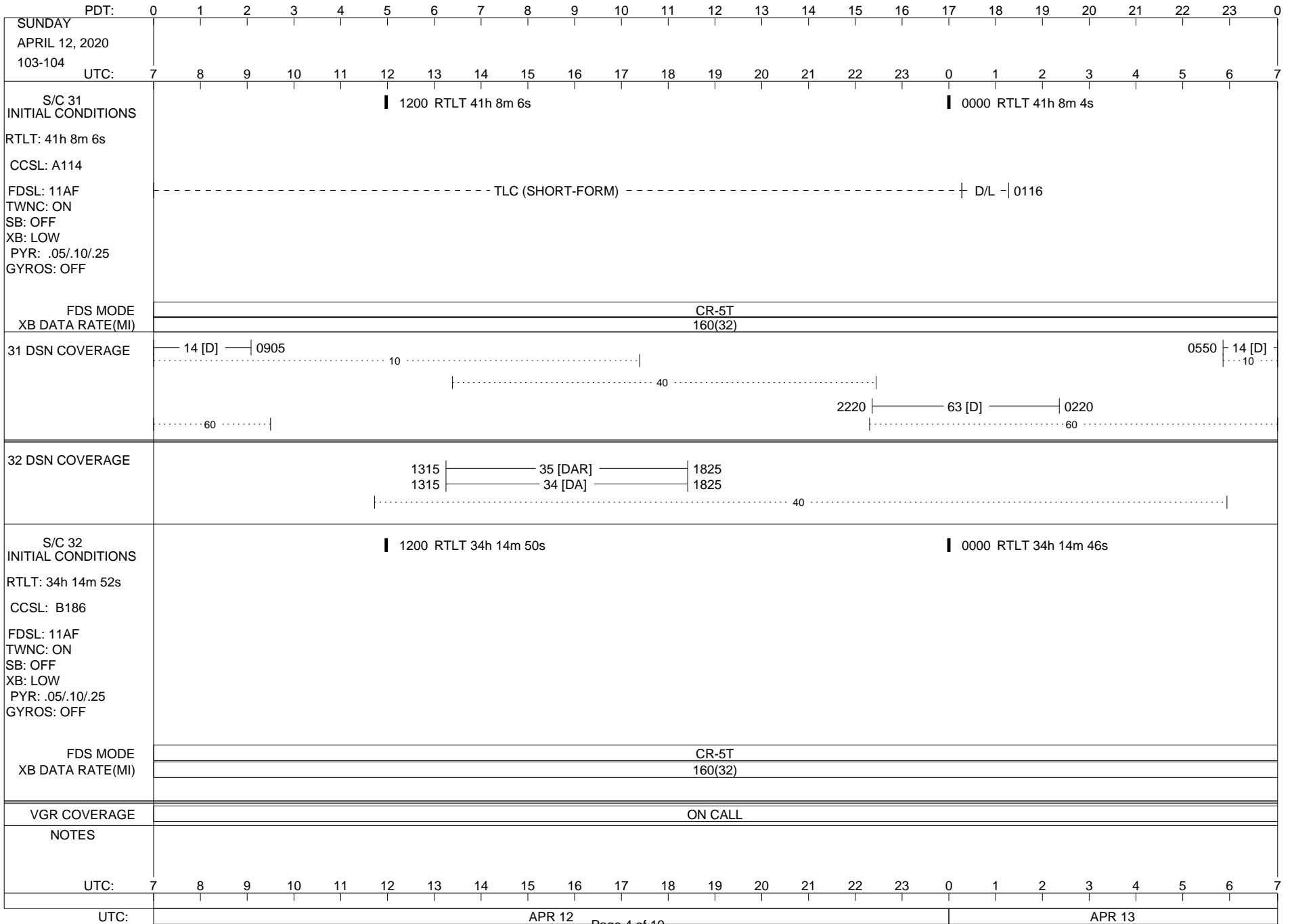
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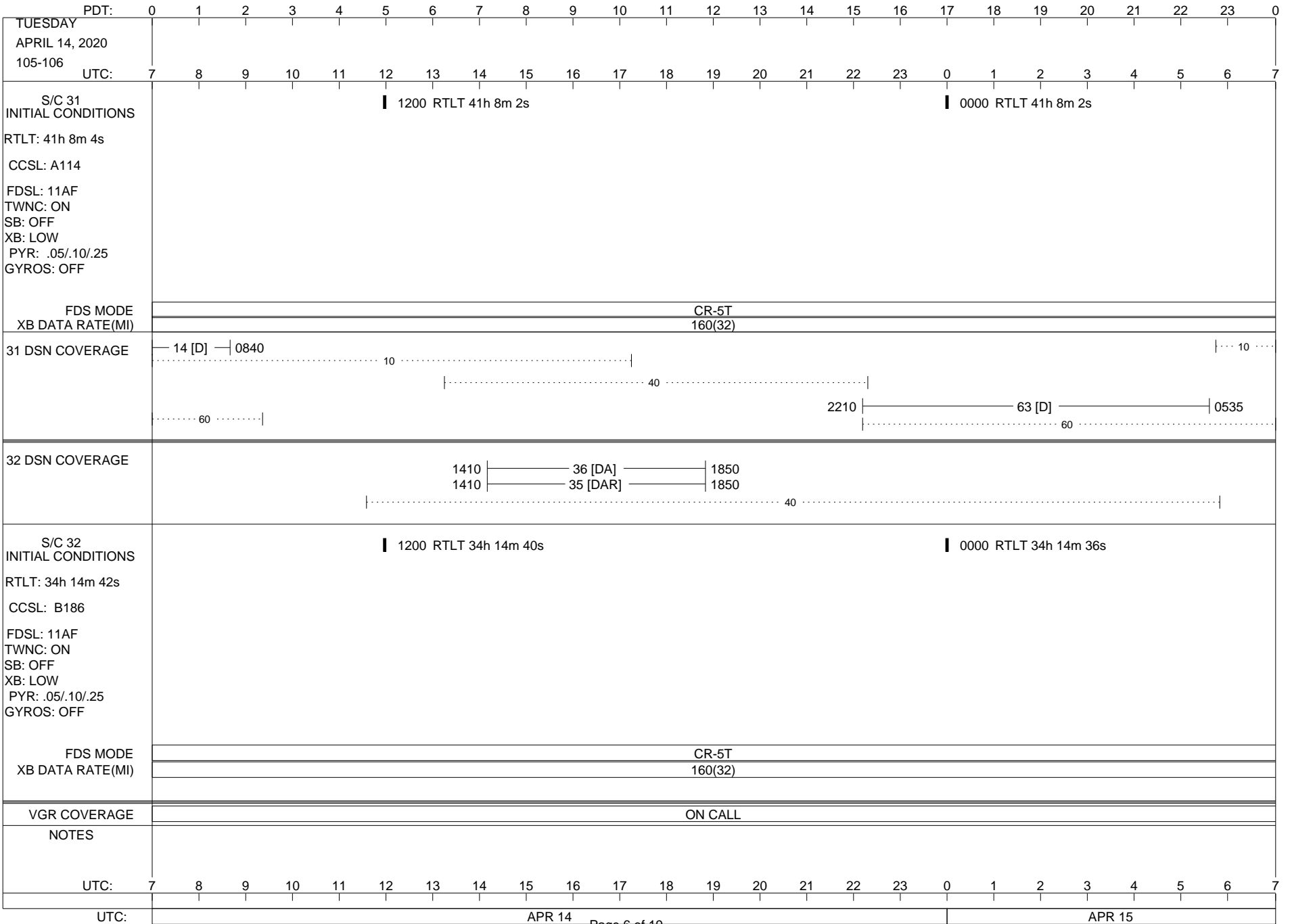
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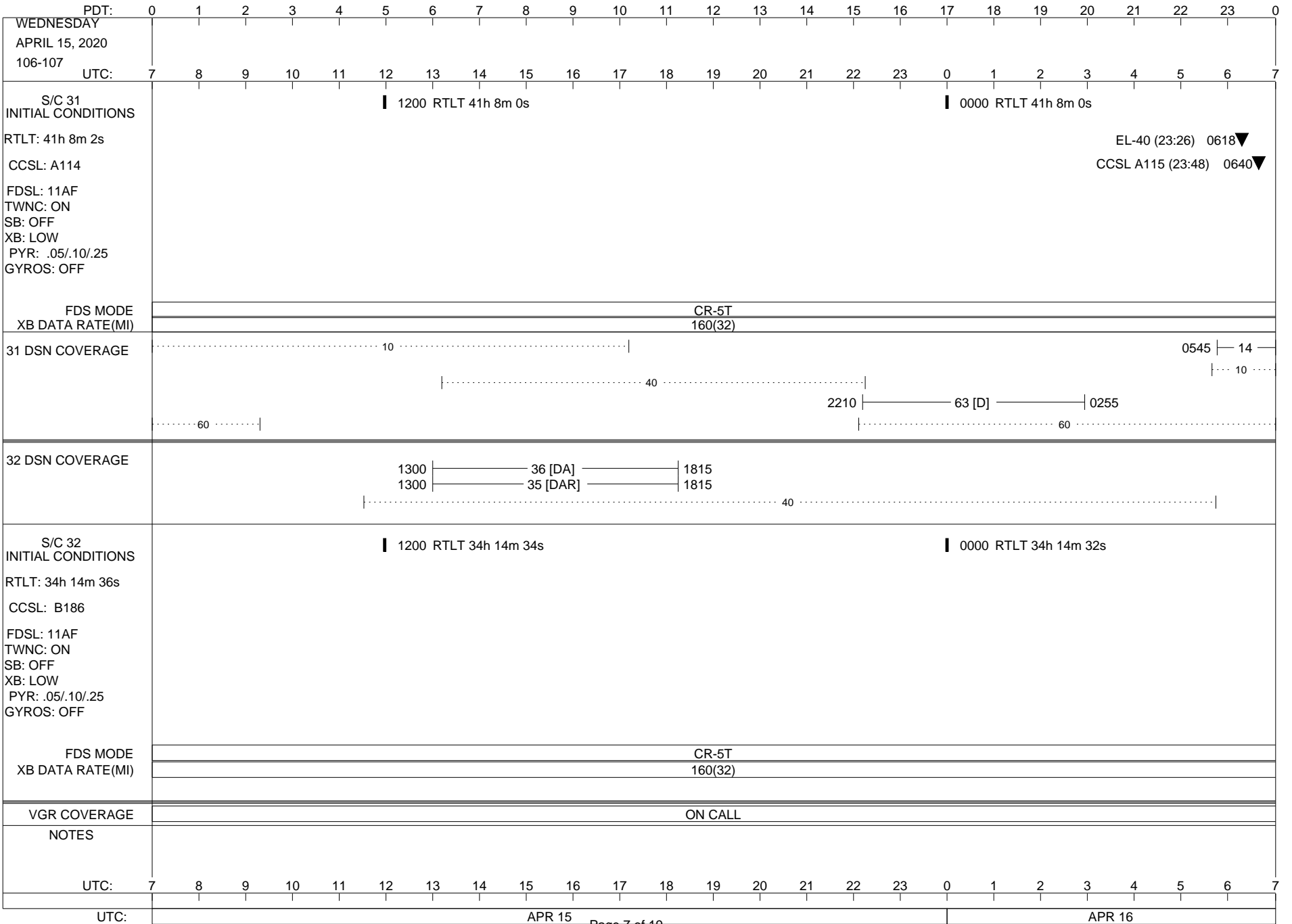
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MONDAY APRIL 13, 2020 104-105																											
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S/C 31 INITIAL CONDITIONS RTLTL: 41h 8m 4s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF																											
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE																											
32 DSN COVERAGE																											
S/C 32 INITIAL CONDITIONS RTLTL: 34h 14m 46s CCSL: B186 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																											
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:	APR 13													APR 14													

ISSUE DATE: 04/07/20 17:19

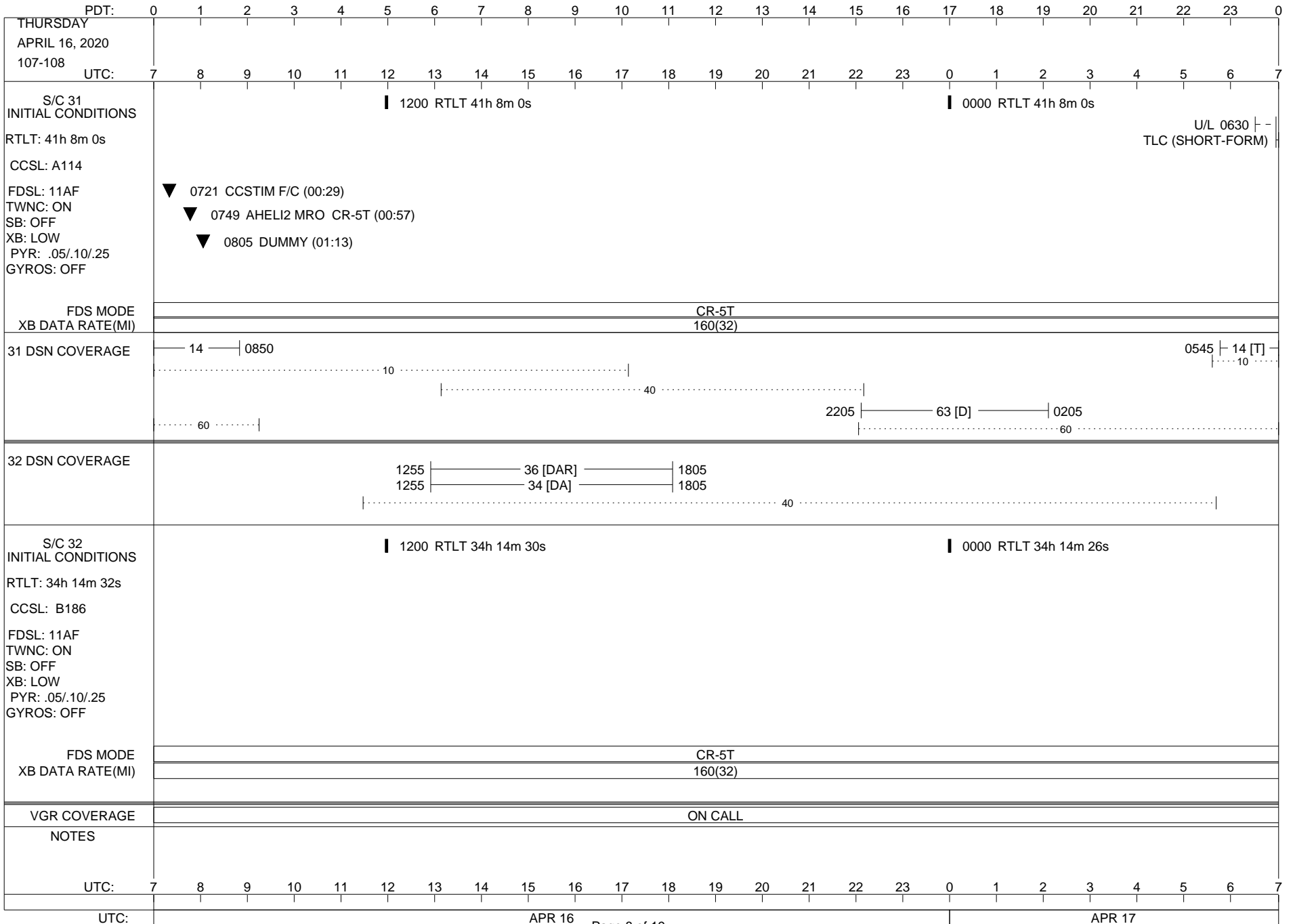


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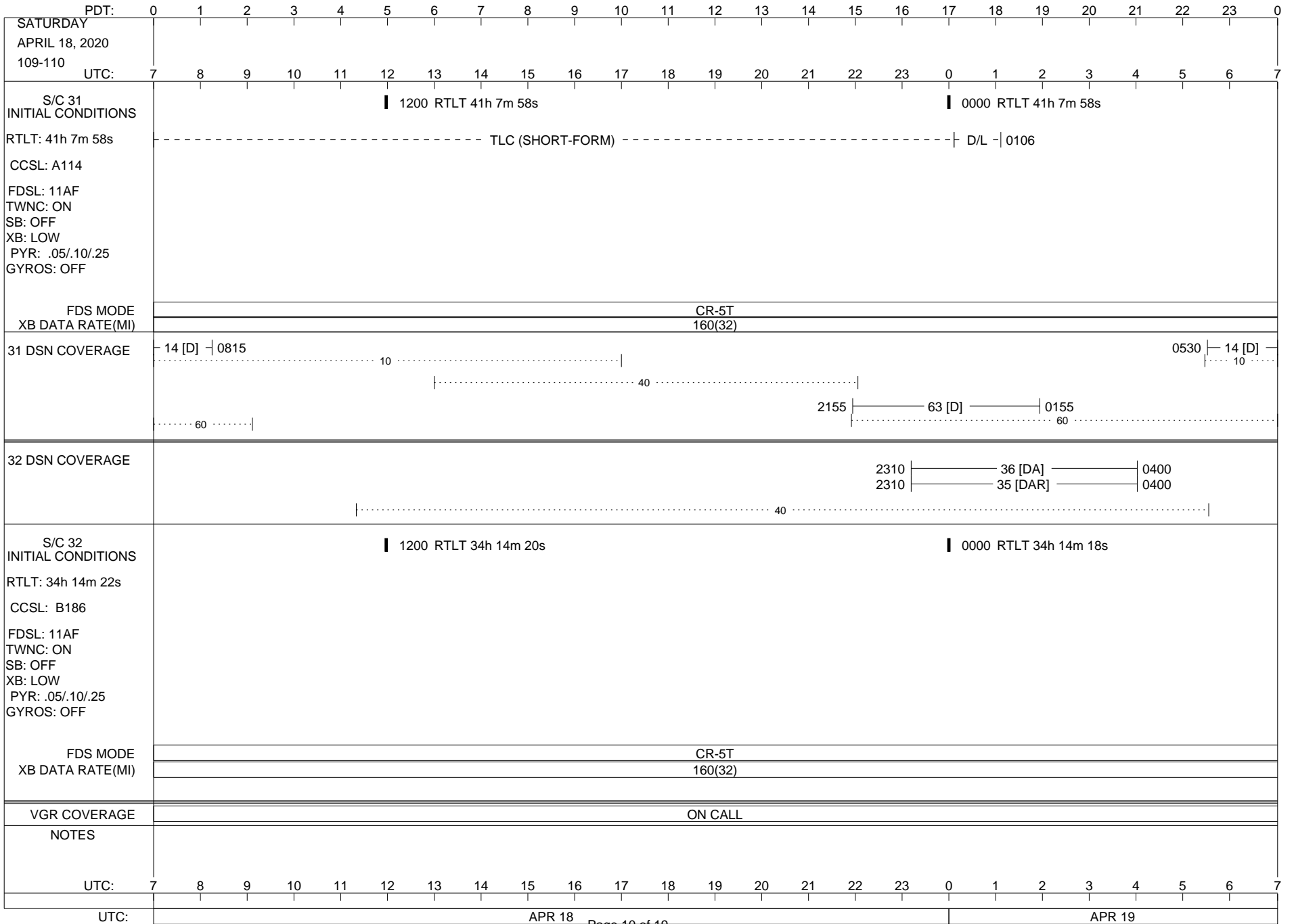




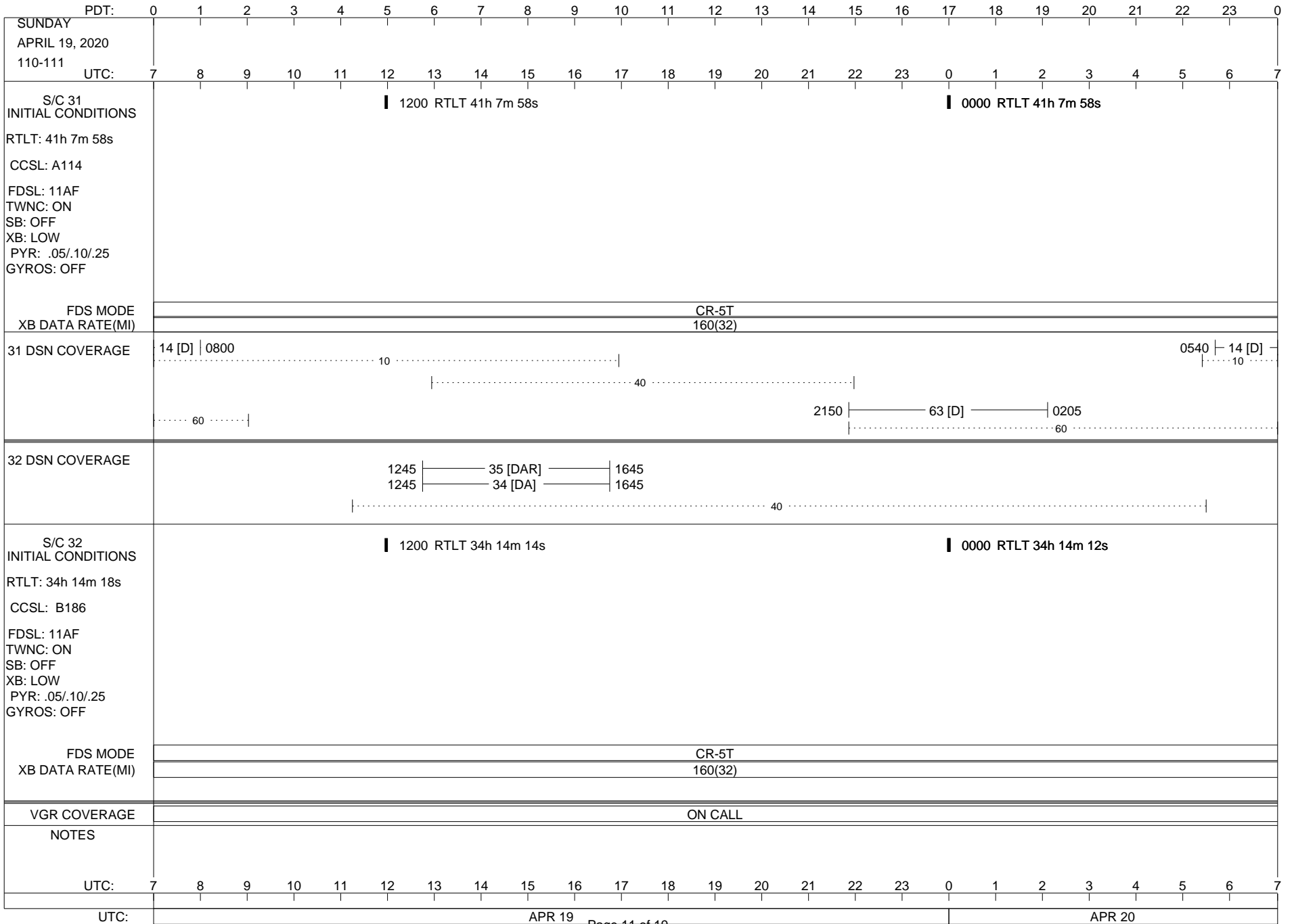
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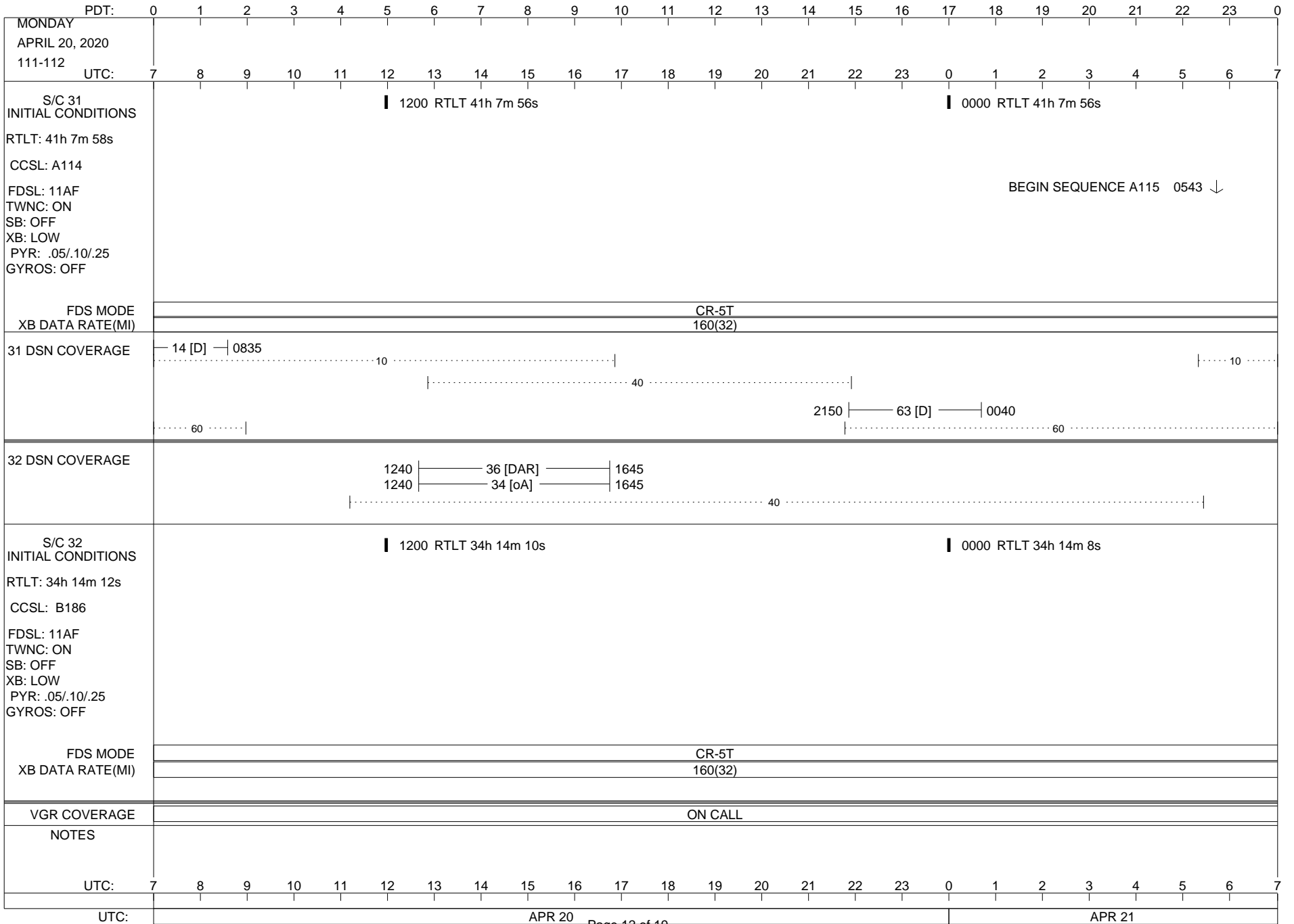


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FRIDAY APRIL 17, 2020 108-109																												
S/C 31 INITIAL CONDITIONS RTLTL: 41h 8m 0s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 41h 7m 58s														0000 RTLTL 41h 7m 58s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)														EL-40 40(30)				CR-5T 160(32)									
31 DSN COVERAGE	<p>14 [T]   0845</p> <p>.....10..... </p> <p> .....40..... </p> <p>2200  -----63 [D]-----  0200</p> <p>.....60..... </p> <p> .....60..... </p> <p>0535   14 [D]  </p> <p>.....10..... </p>																											
32 DSN COVERAGE	<p>1255  -----35 [DAR]-----  1705</p> <p>1255  -----34 [oA]-----  1705</p> <p> .....40..... </p>																											
S/C 32 INITIAL CONDITIONS RTLTL: 34h 14m 26s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 34h 14m 24s														0000 RTLTL 34h 14m 22s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																											
VGR COVERAGE	ON CALL														VGR				ON CALL									
NOTES	<p>[1] S/C 31=EL-40 @ 2332 XB=40(30)</p> <p>[2] S/C 31=CR-5T @ 0102 XB=160(32)</p>																											
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:	APR 17																		APR 18									



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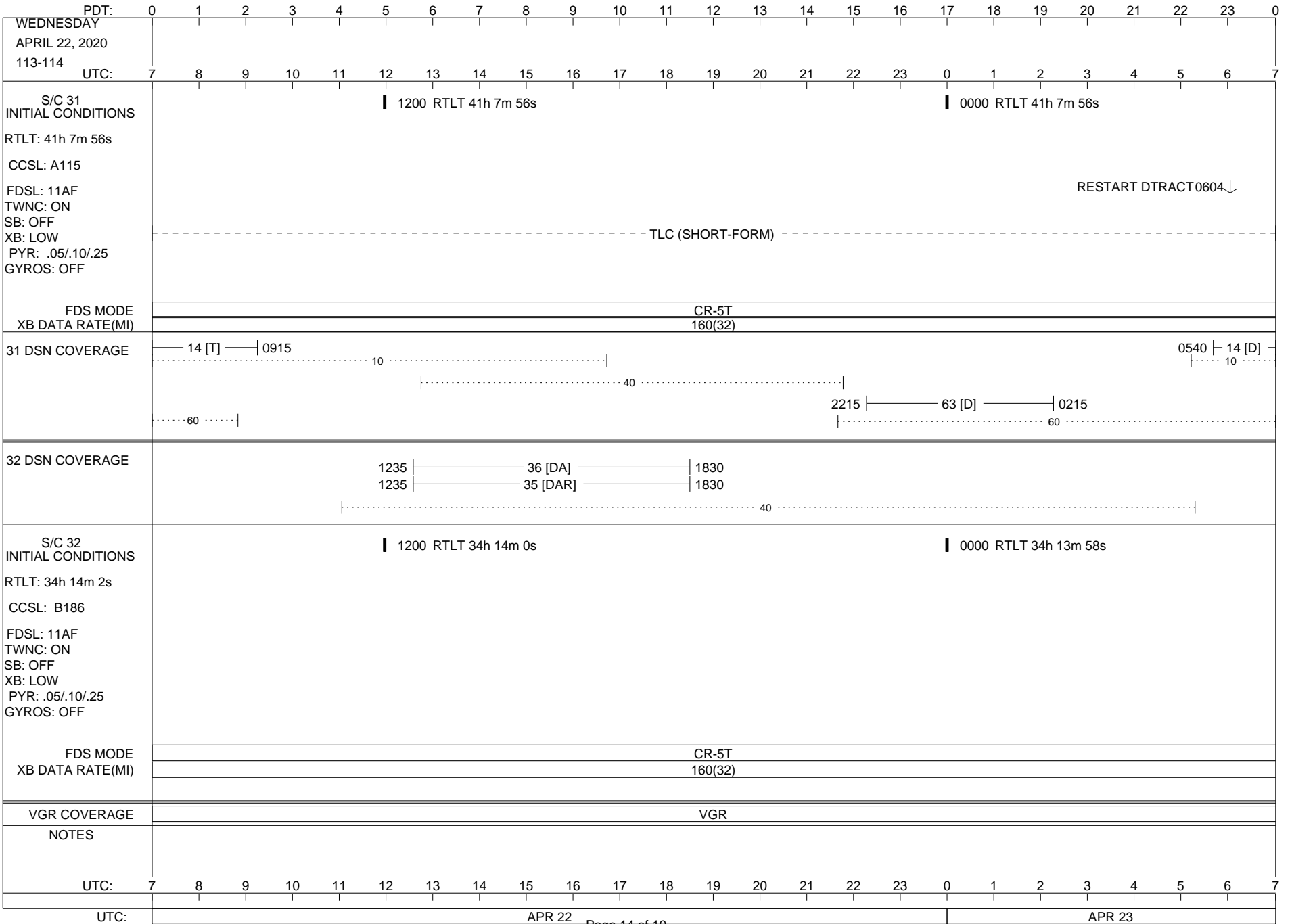


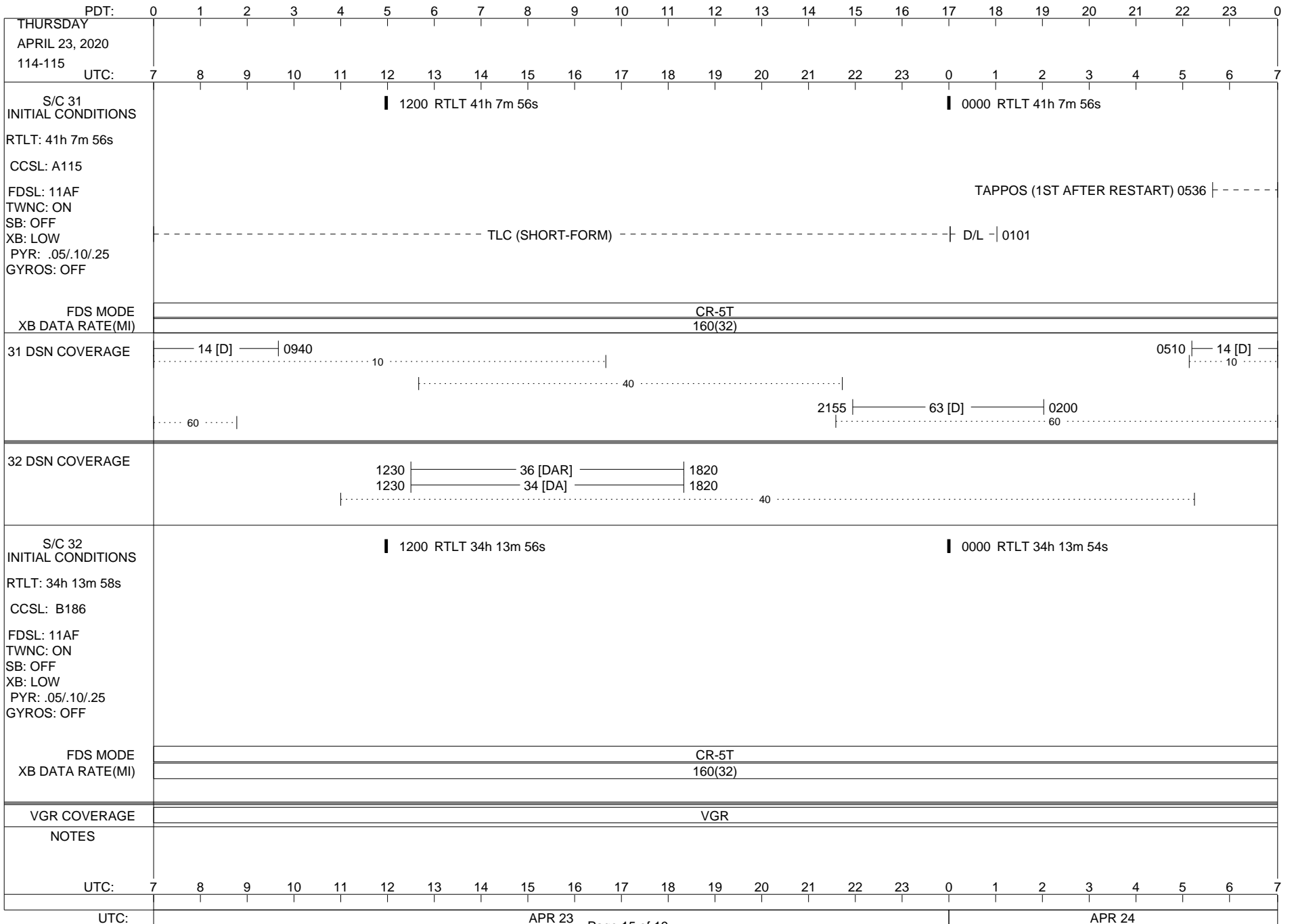


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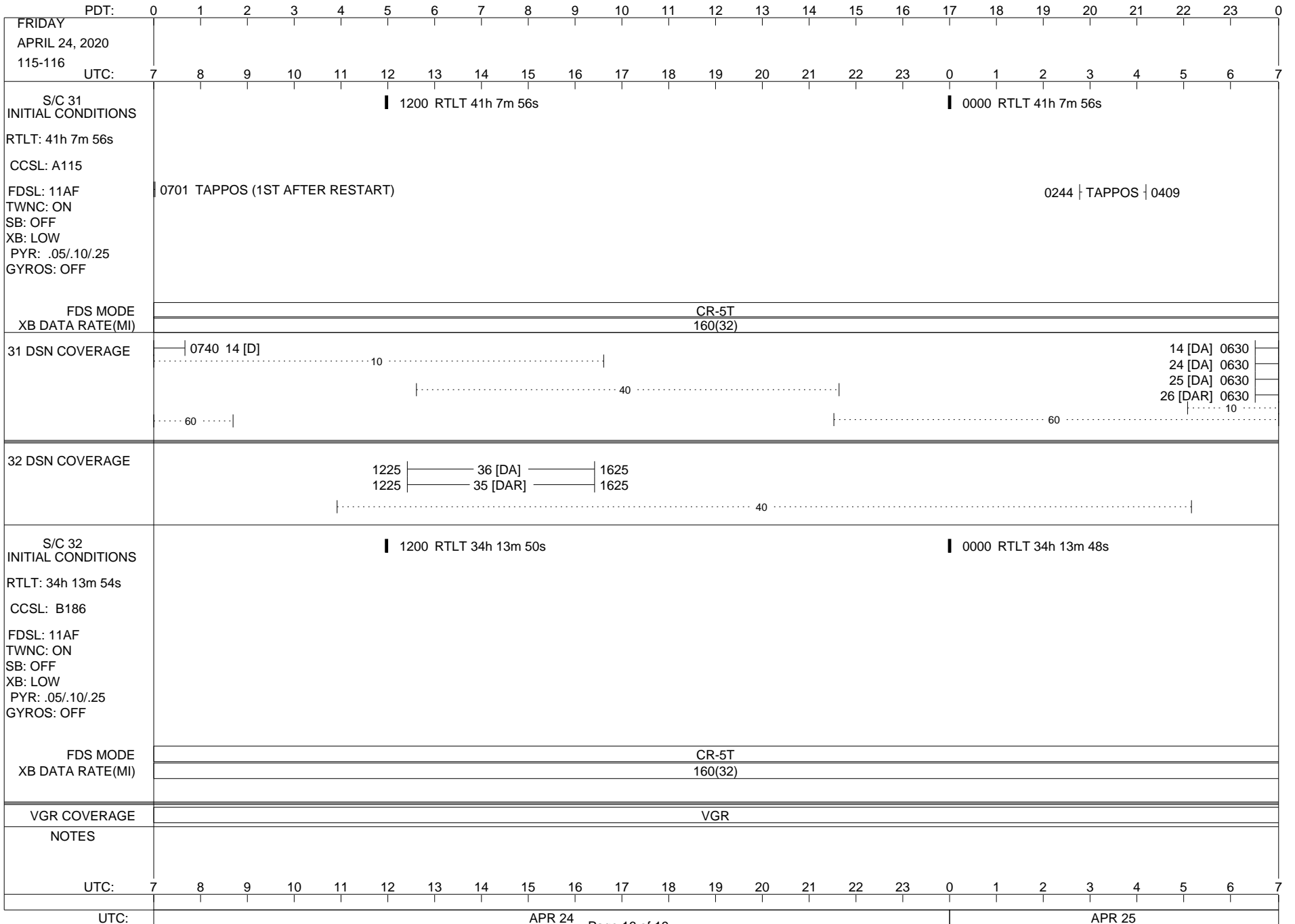
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TUESDAY APRIL 21, 2020 112-113	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 41h 7m 56s CCSL: A115 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 41h 7m 56s												0000 RTLT 41h 7m 56s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	1000  ----- 14 [D] -----  1345												0530  ----- 14 [T] -----												
	..... 10 .....												----- 40 -----												
	..... 60 .....												2205  ----- 63 [D] -----  0205												
	----- 40 -----												----- 60 -----												
32 DSN COVERAGE	1235  ----- 36 [DAR] -----  1745												2335  ----- 34 [DA] -----  0335												
	1235  ----- 34 [DA] -----  1745												2335  ----- 36 [DAR] -----  0335												
	----- 40 -----												----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLT: 34h 14m 8s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 14m 4s												0000 RTLT 34h 14m 2s												
FDS MODE XB DATA RATE(MI)	CR-5T 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
UTC:	APR 21												APR 22												

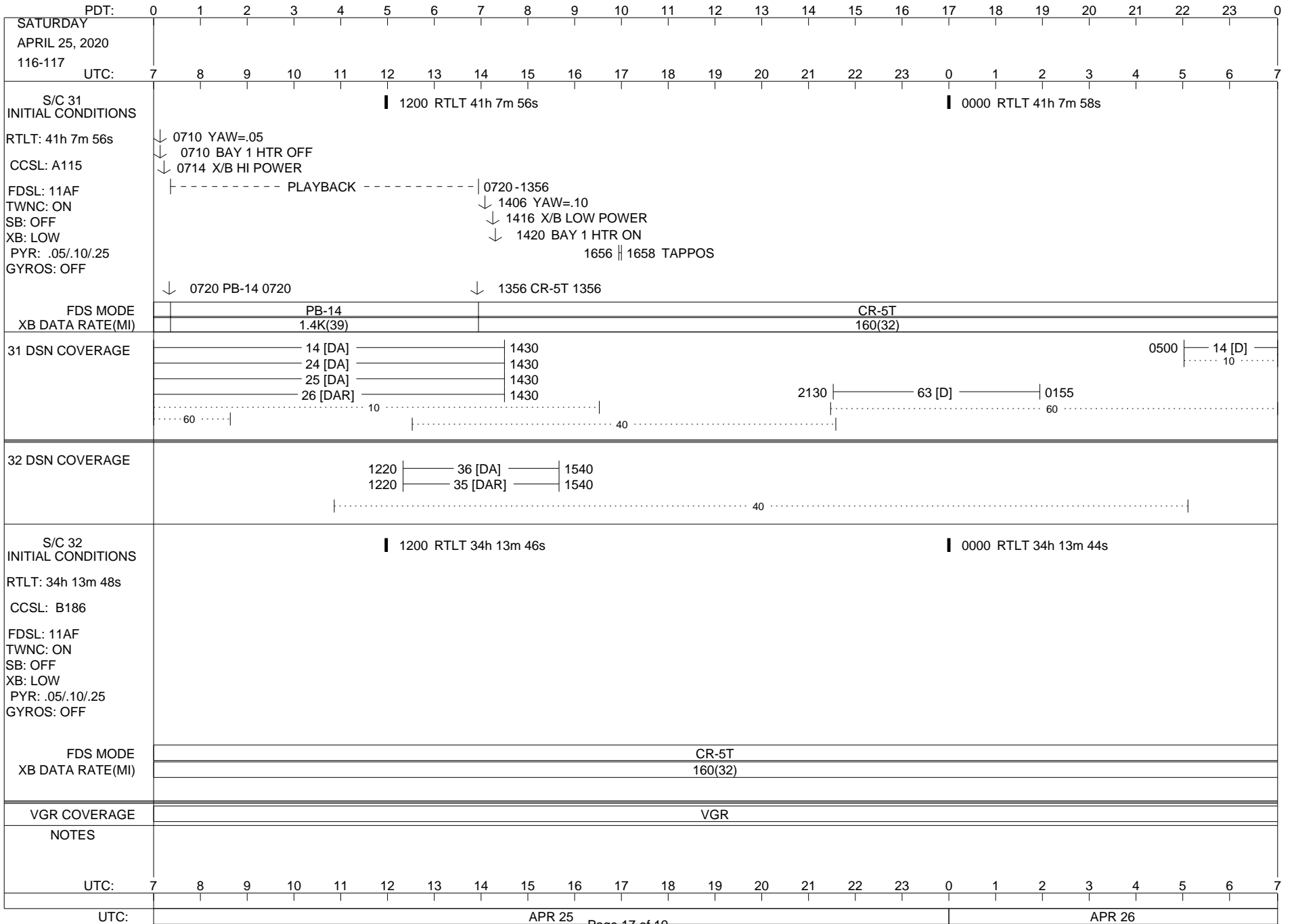
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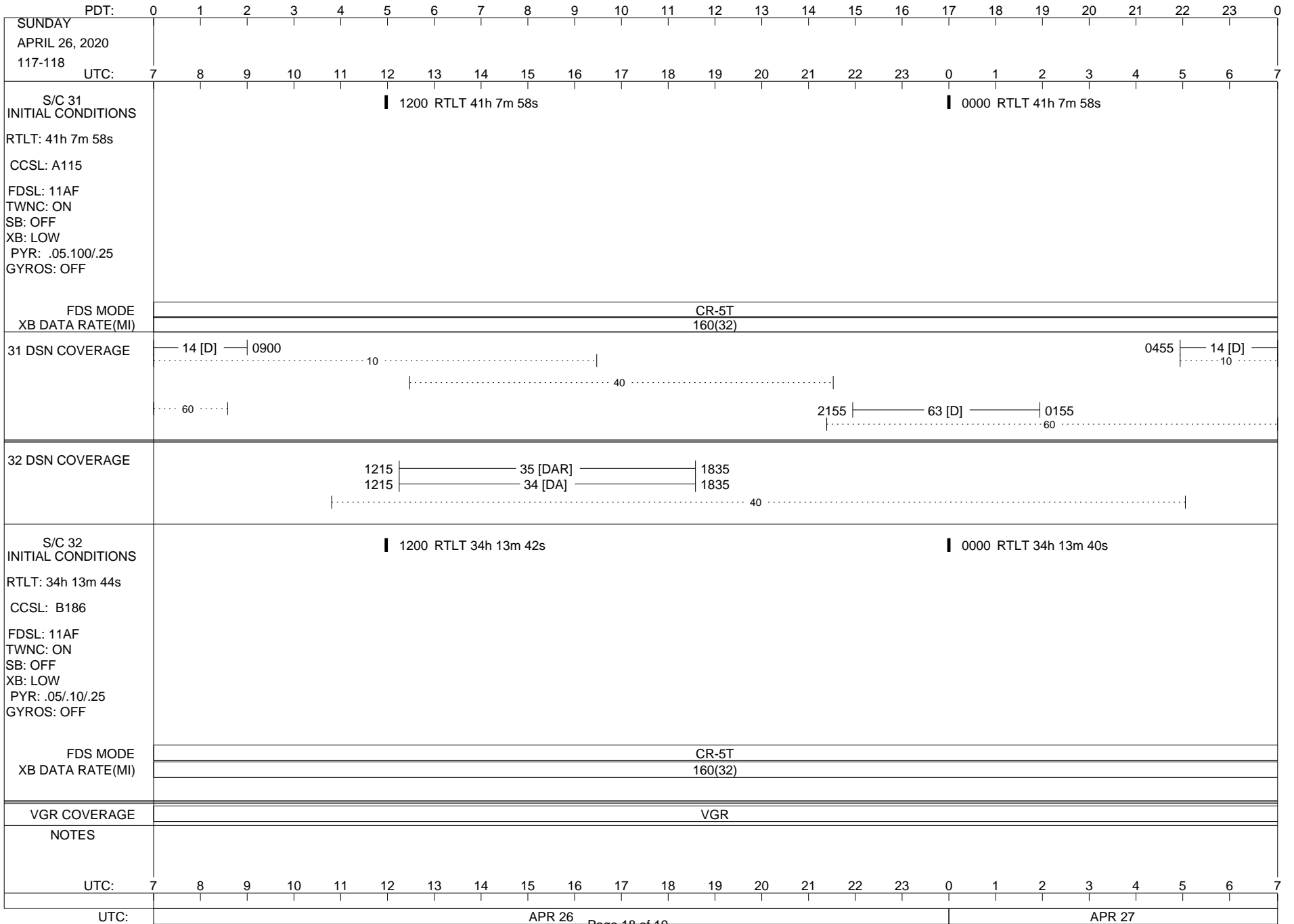








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UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLT: 41h 7m 58s CCSL: A115 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/100/.25 GYROS: OFF	1200 RTLT 41h 7m 58s																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE																											
32 DSN COVERAGE																											
S/C 32 INITIAL CONDITIONS RTLT: 34h 13m 40s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	1200 RTLT 34h 13m 38s																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
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:	APR 27													APR 28													