

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: April 1, 2020

For the Period: 04/02/20 to 04/20/20 (20/093 – 20/111)



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: 04/08/20 07:49

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																												
APRIL 2, 2020																												
093-094																												
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												0000									
RTLT: 41h 8m 30s							41h 8m 30s												41h 8m 26s									
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		14 ——— 0905											14 [T] 0635															
	10.....										10															
	60.....										40.....															
													2300 ——— 63 [D] ——— 0150															
												60.....															
32 DSN COVERAGE													1350 ——— 35 [DAR] ——— 1750															
													1350 ——— 34 [DA] ——— 1750															
												40.....															
S/C 32 INITIAL CONDITIONS							1200												0000									
RTLT: 34h 15m 42s							34h 15m 42s												34h 15m 36s									
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		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:		APR 02											APR 03															

ISSUE DATE: 04/08/20 07:49

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
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 8m 26s
 CCSL: A114
 FDSL: 11AF
 TWNC: ON
 SB: OFF
 XB: LOW
 PYR: .05/.10/.25
 GYROS: OFF

1200 RTLT 41h 8m 26s
 0705 DUMMY (00:13)
 U/L | - | 0730 -
 ----- TLC (SHORT-FORM) -----
 0000 RTLT 41h 8m 24s
 * 0029 CCSB CLEANUP
 * 0102 || 0106 CCSB MRO
 * 0130 || 0134 CCSB MRO - REDUNDANT

FDS MODE	CR-5T
XB DATA RATE(MI)	160(32)

31 DSN COVERAGE

14 [T] | 1035
 10
 40
 60
 2255 | 63 [D] | 0145
 60

32 DSN COVERAGE

1350 | 35 [DA] | 1750
 1350 | 34 [oAR] | 1750
 40

S/C 32
 INITIAL CONDITIONS
 RTLT: 34h 15m 36s
 CCSL: B186
 FDSL: 11AF
 TWNC: ON
 SB: OFF
 XB: LOW
 PYR: .05/.10/.25
 GYROS: OFF

1200 RTLT 34h 15m 34s
 0000 RTLT 34h 15m 32s

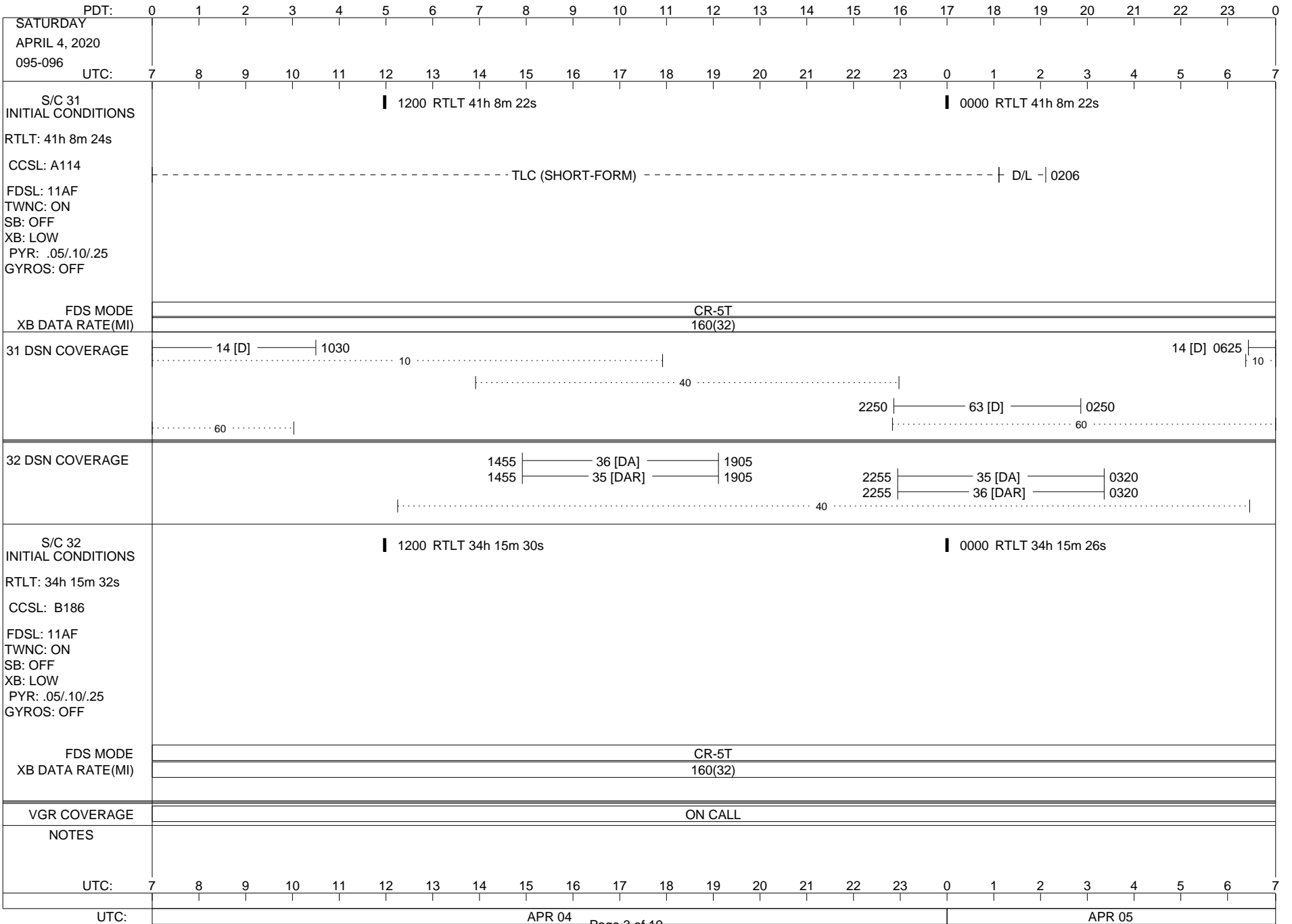
FDS MODE	CR-5T
XB DATA RATE(MI)	160(32)

VGR COVERAGE	ON CALL	VGR	ON CALL
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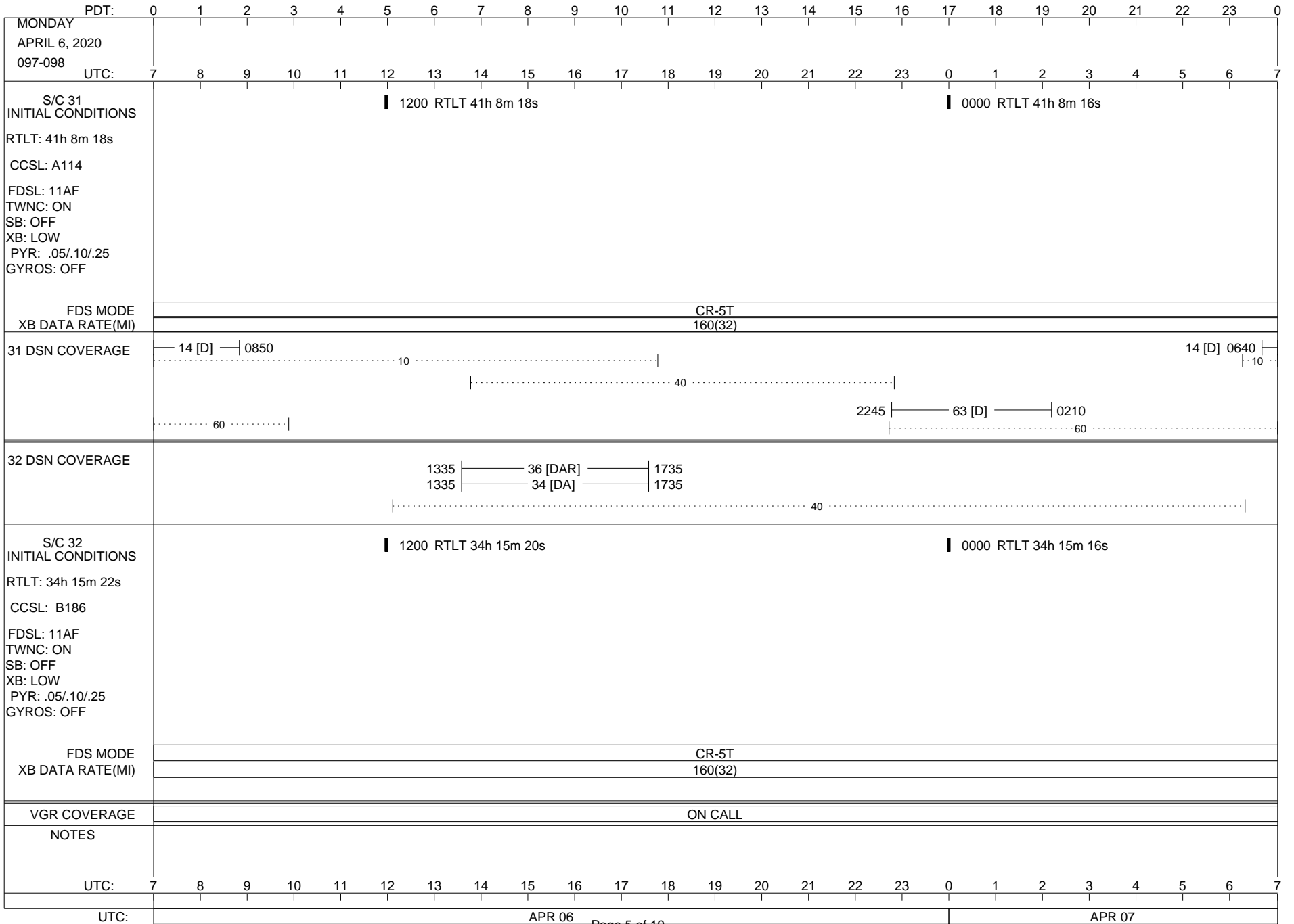
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UTC:	APR 03														APR 04										

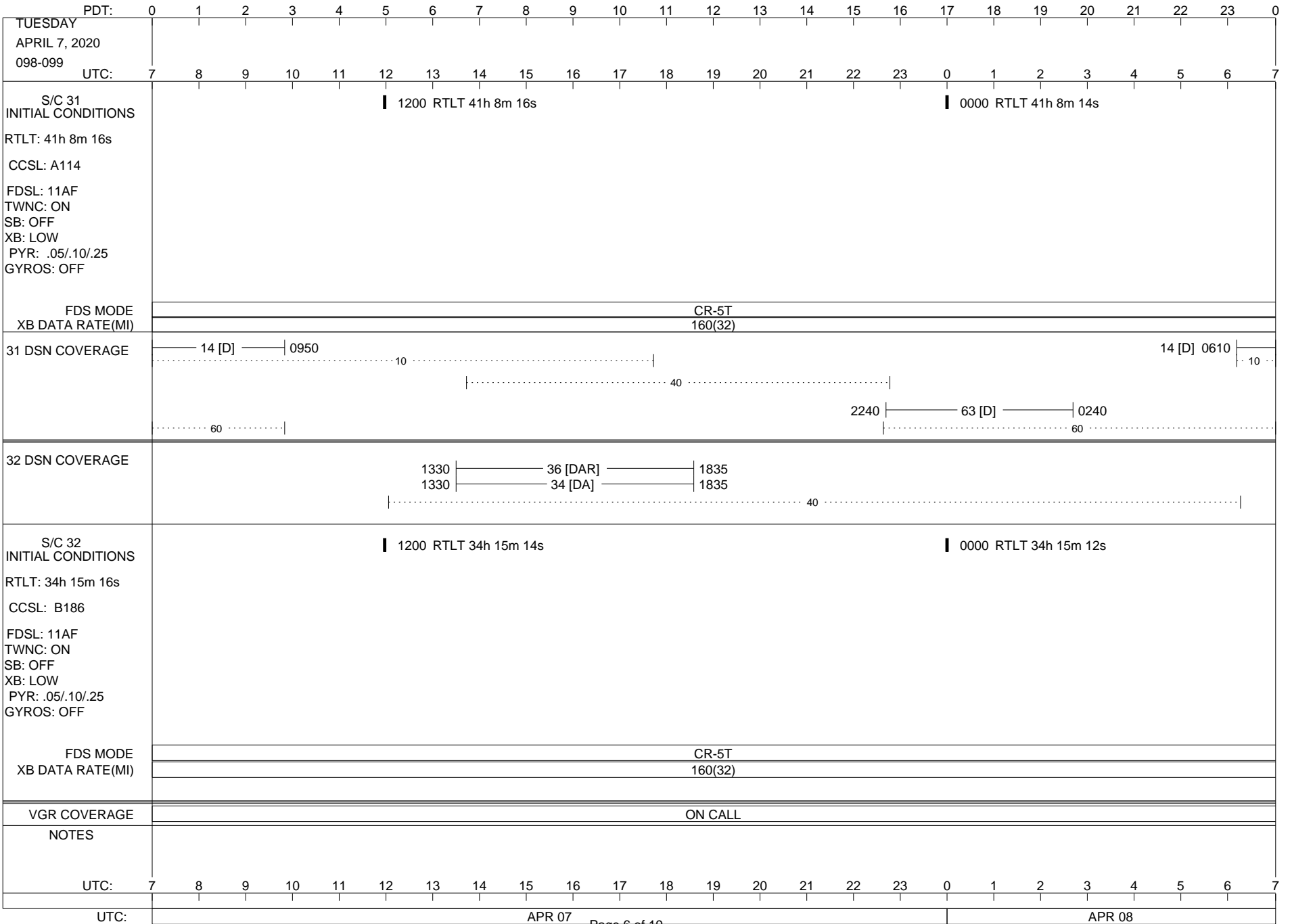
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ISSUE DATE: 04/08/20 07:49



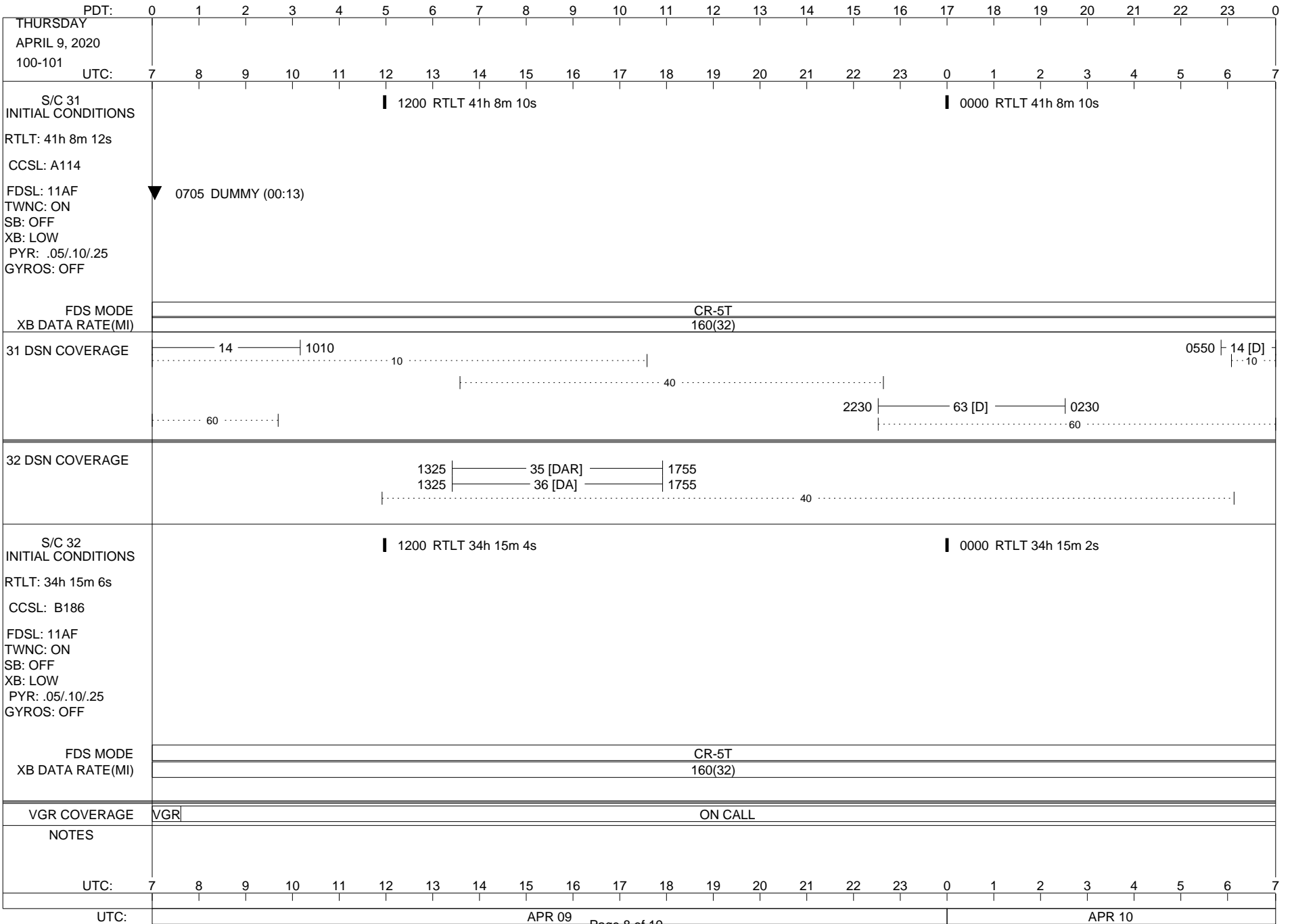
ISSUE DATE: 04/08/20 07:49



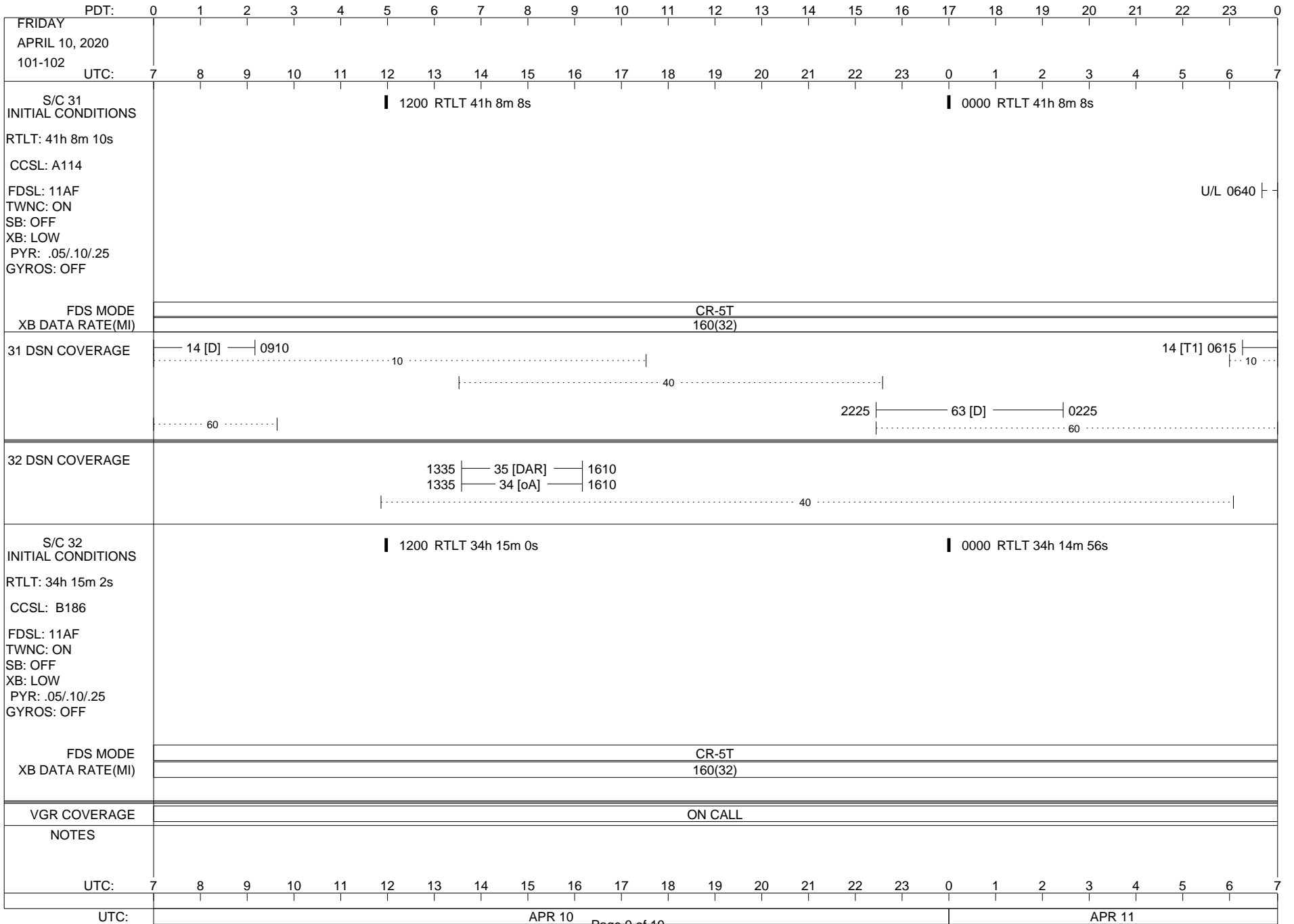
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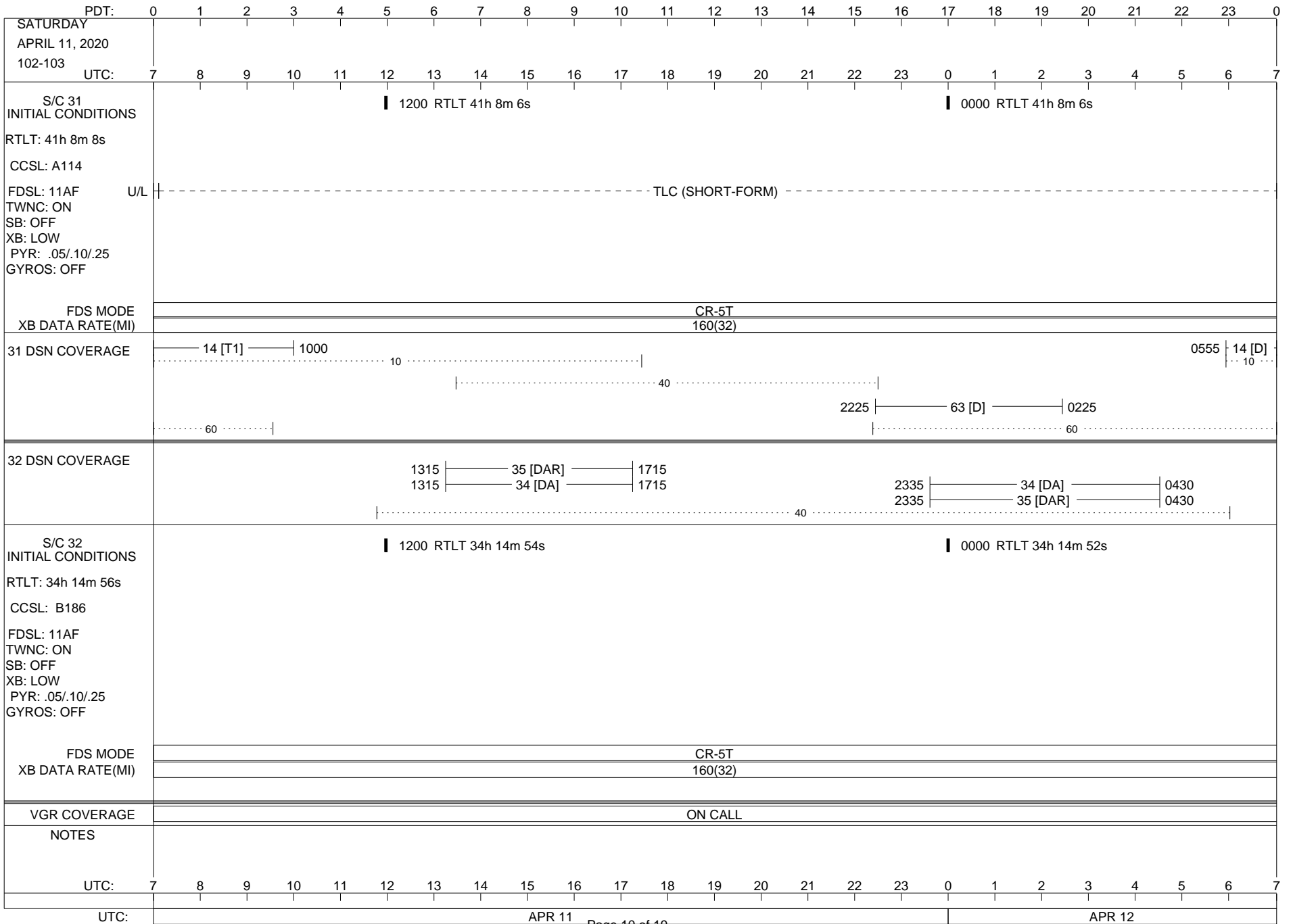
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WEDNESDAY APRIL 8, 2020 099-100																												
S/C 31 INITIAL CONDITIONS RTLT: 41h 8m 14s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 41h 8m 12s												0000 RTLT 41h 8m 12s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE	<p>14 [D] 0840 0625 14</p> <p>10 40 60</p> <p>0000 63 [D] 0125 60</p>																											
32 DSN COVERAGE	<p>1330 36 [DA] 1730</p> <p>1330 35 [DAR] 1730</p> <p>40</p>																											
S/C 32 INITIAL CONDITIONS RTLT: 34h 15m 12s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 15m 10s												0000 RTLT 34h 15m 6s															
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 08														APR 09													

ISSUE DATE: 04/08/20 07:49

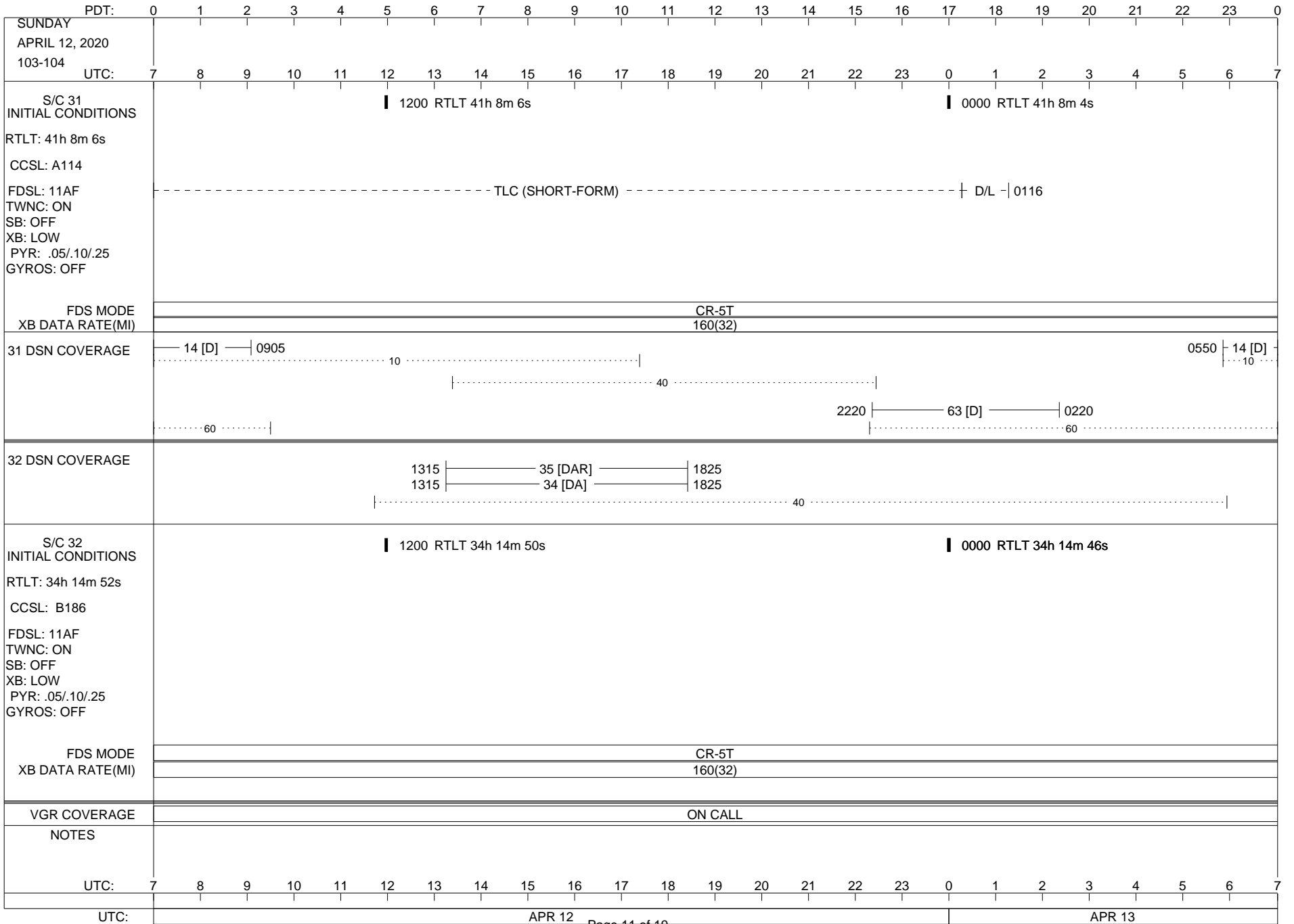


ISSUE DATE: 04/08/20 07:49





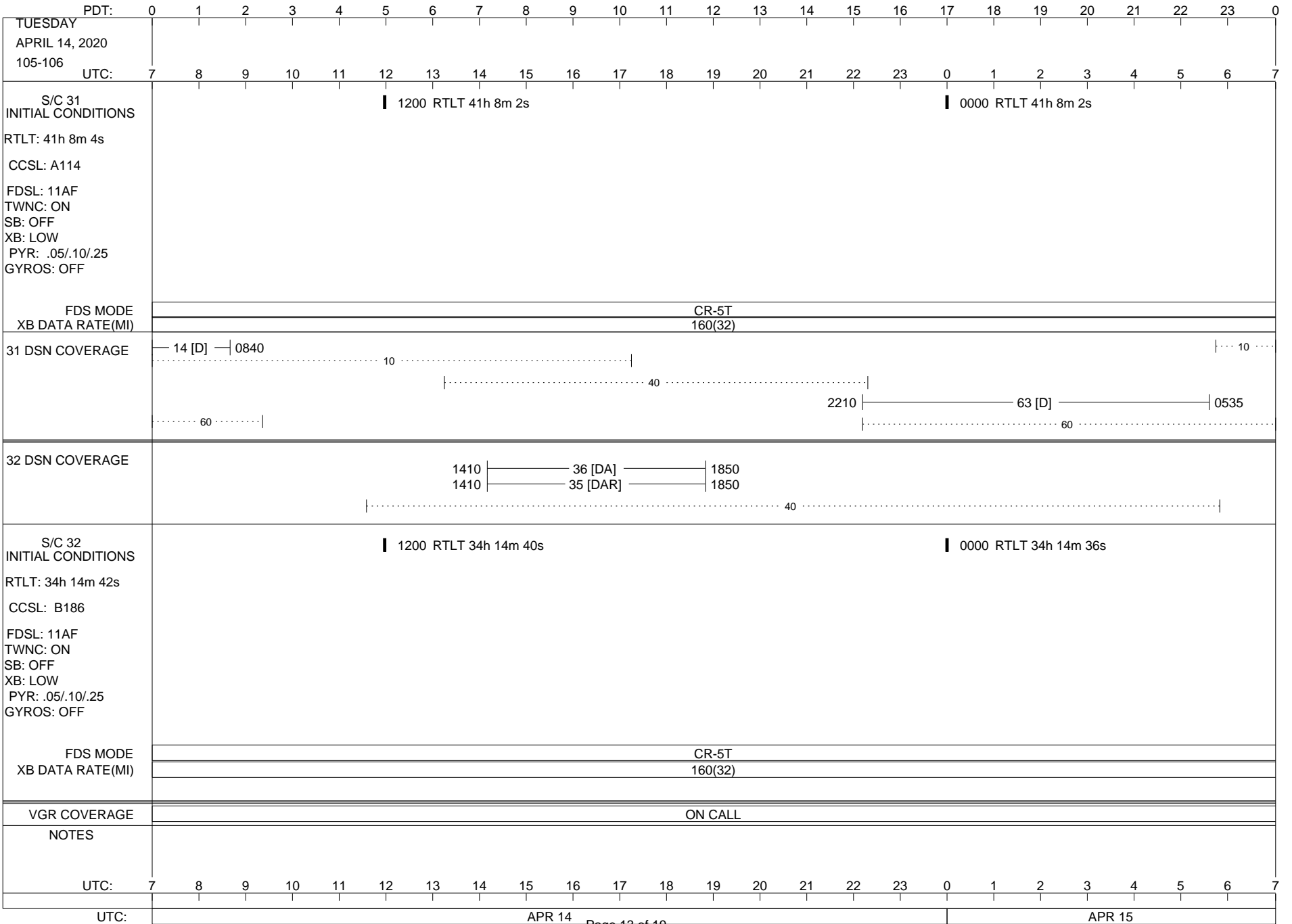
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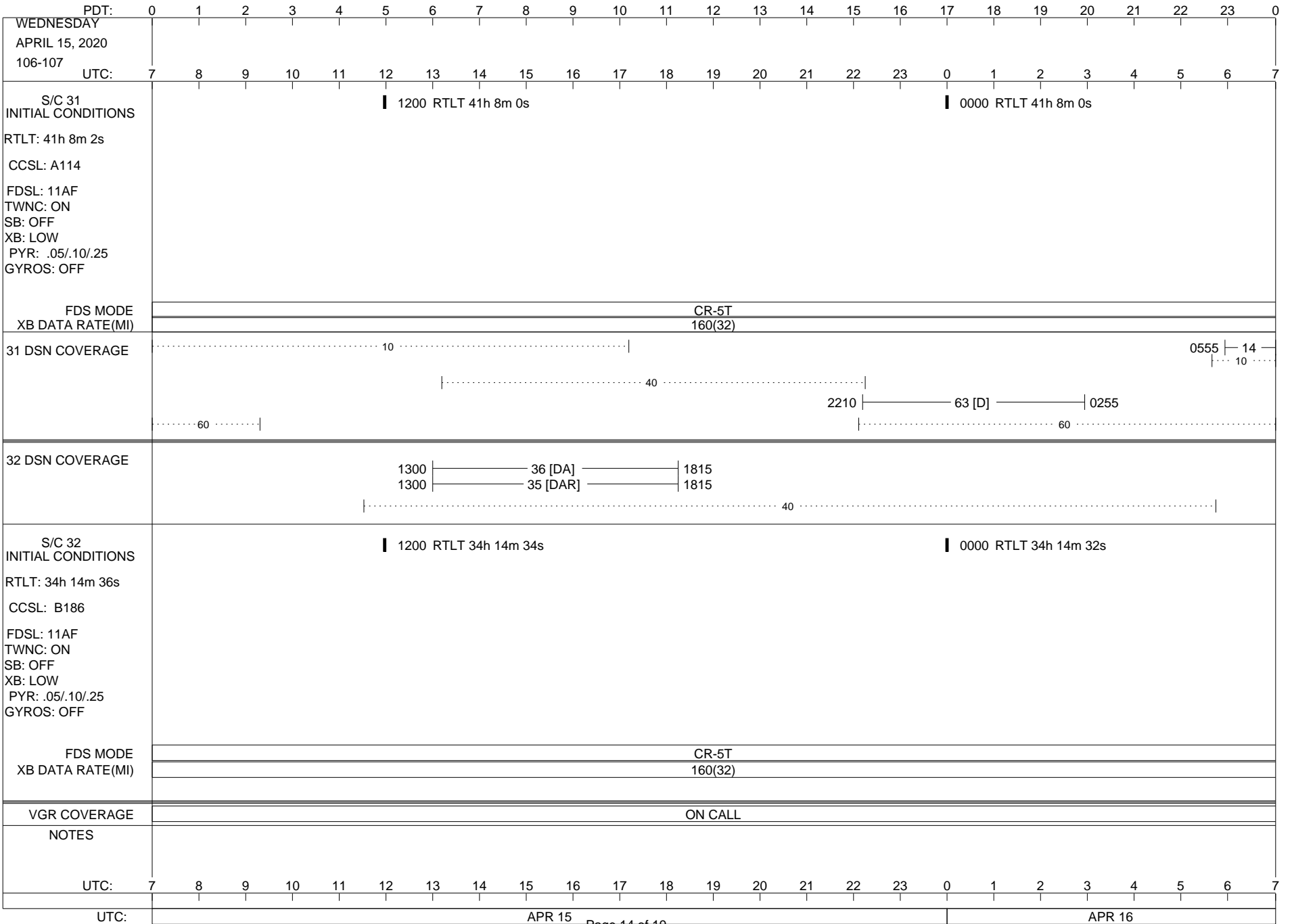
ISSUE DATE: 04/08/20 07:49

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 APRIL 13, 2020 104-105																											
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 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													

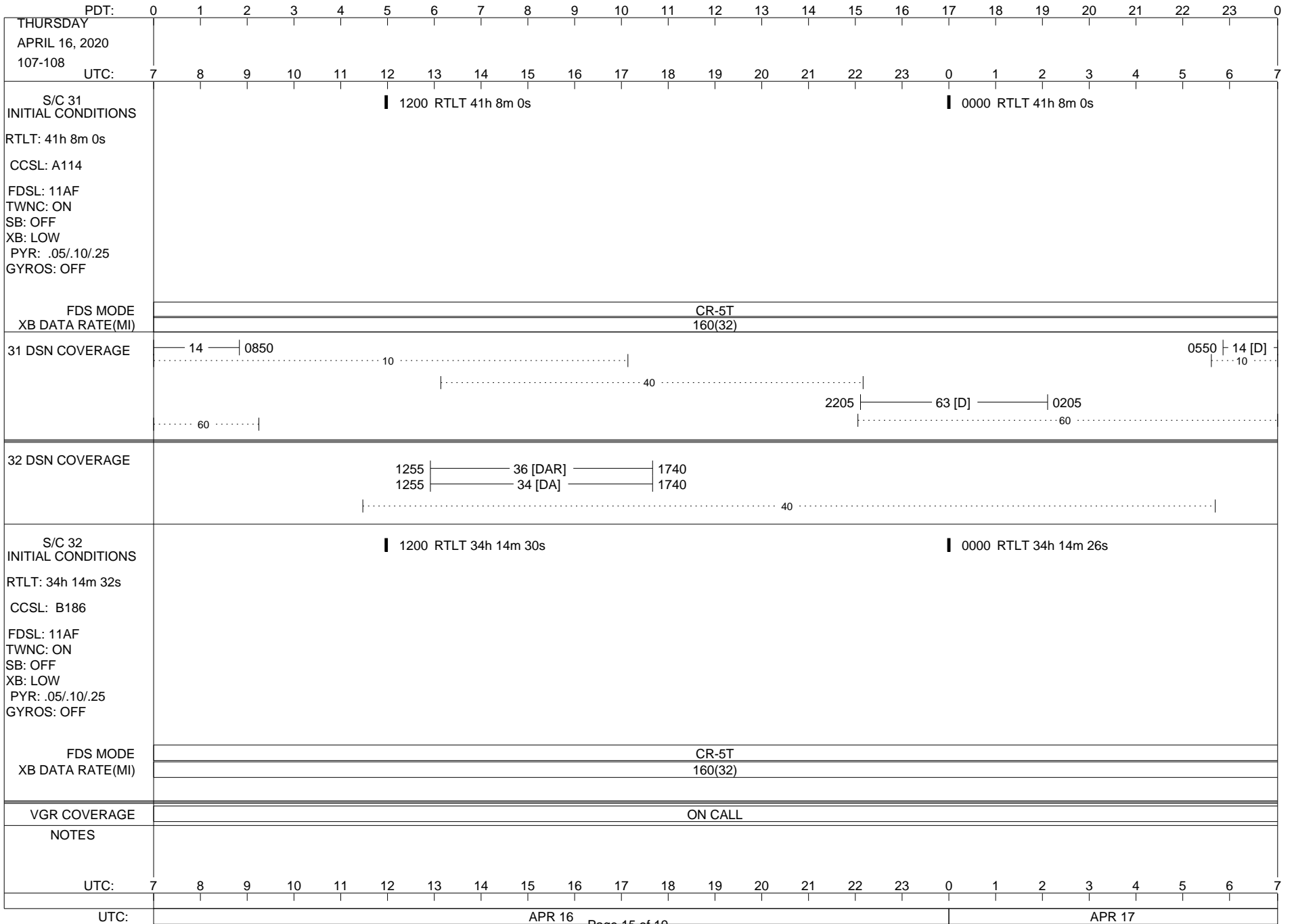
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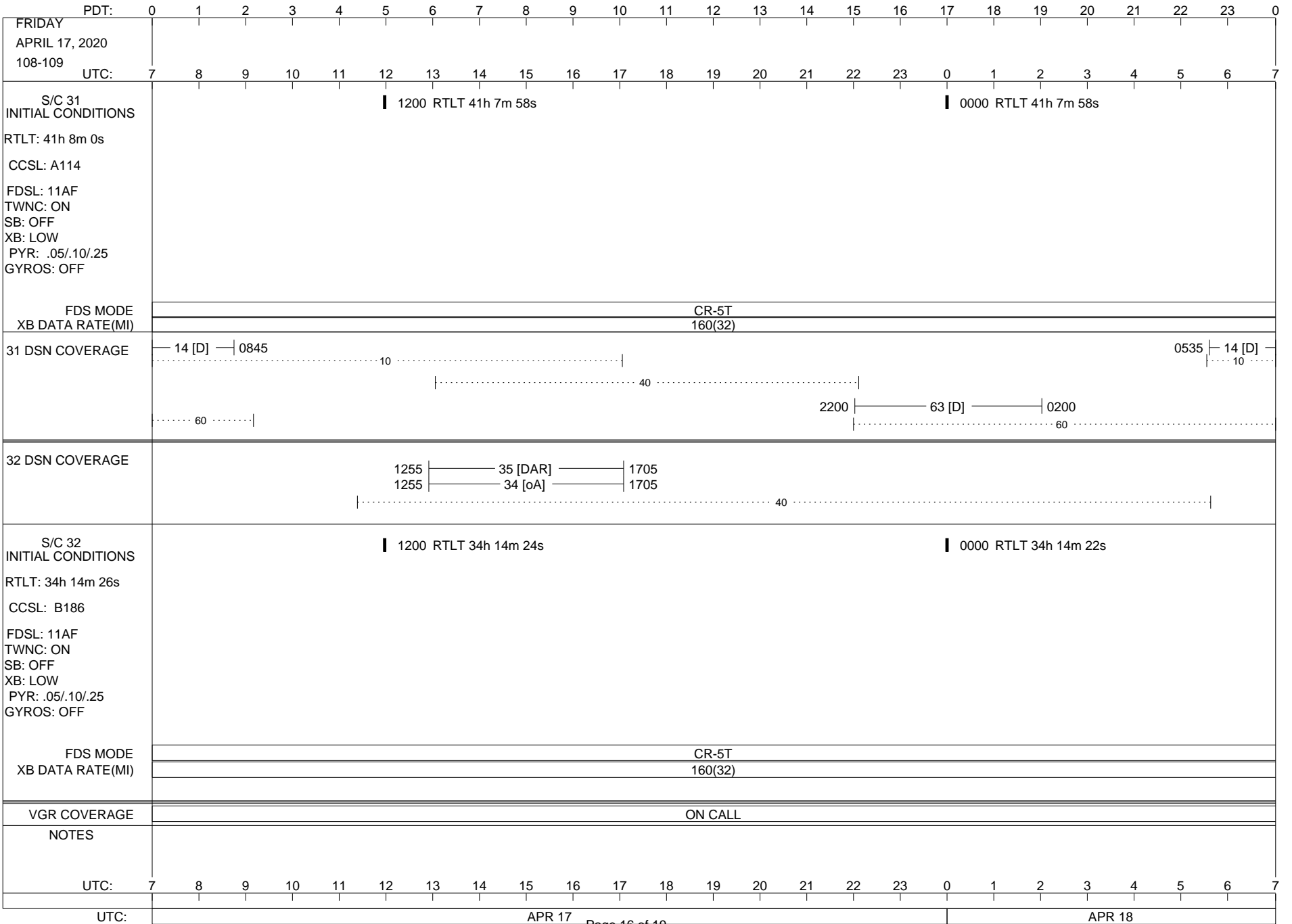
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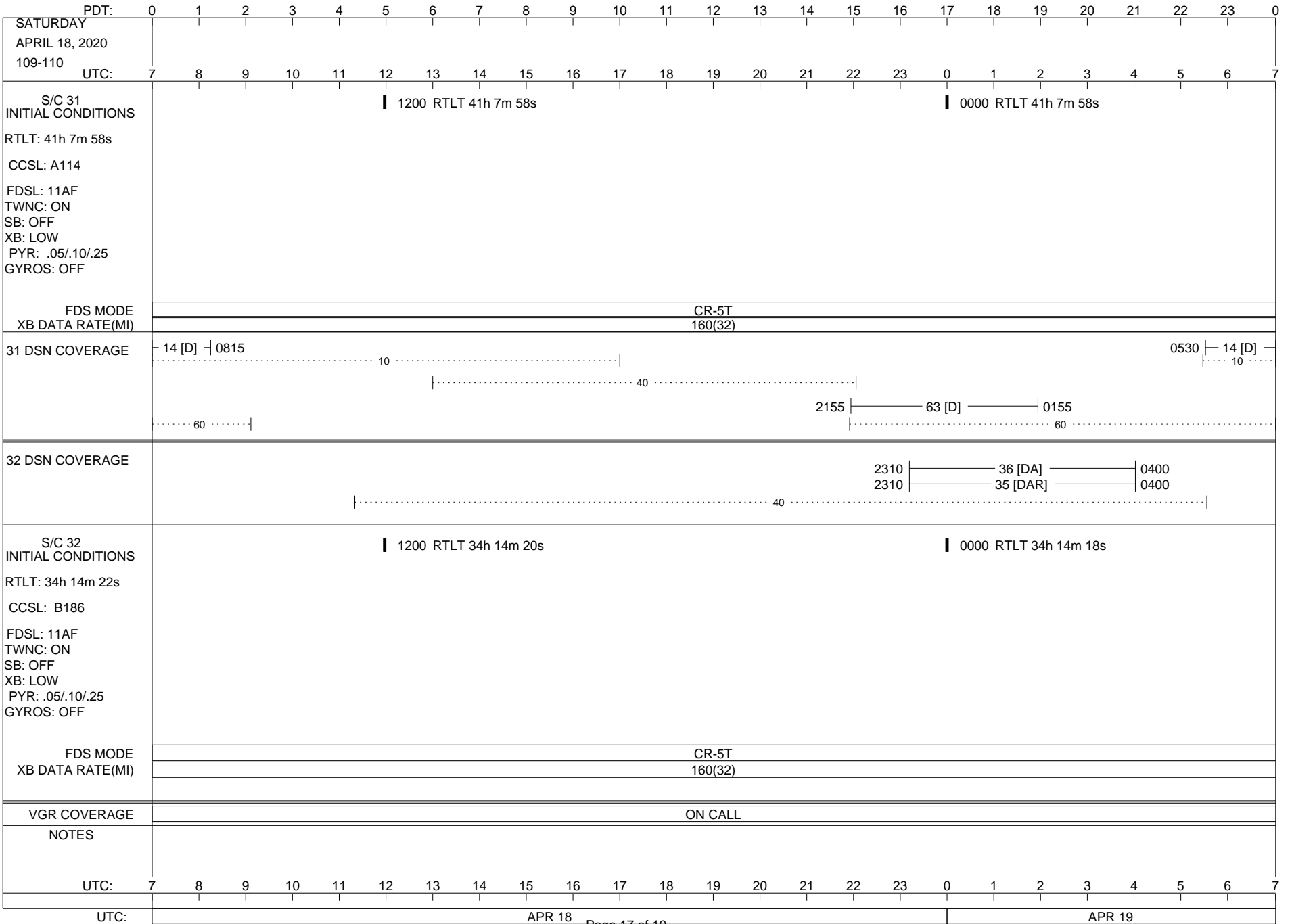
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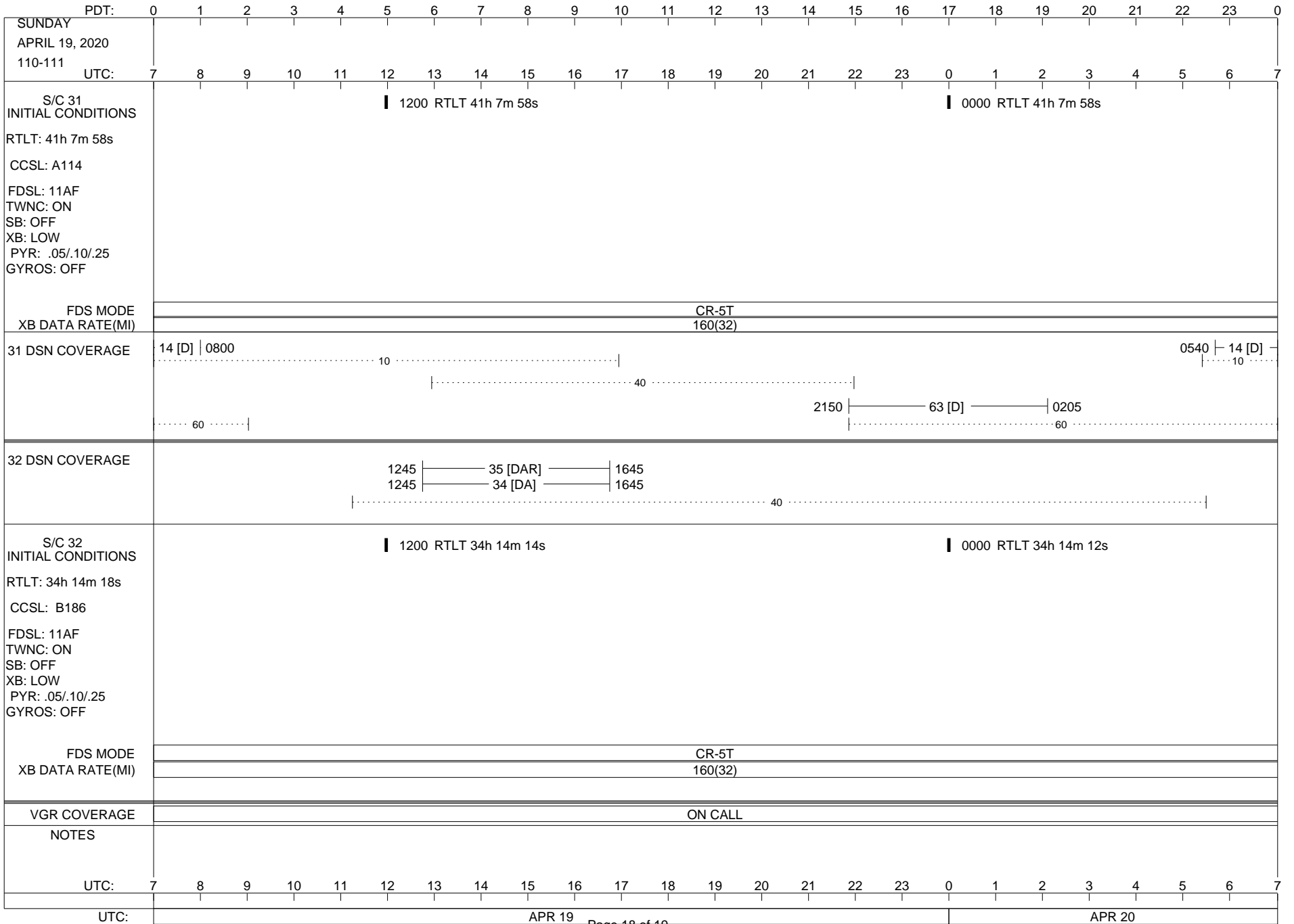
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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0		
MONDAY APRIL 20, 2020 111-112																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLT: 41h 7m 58s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 41h 7m 56s</p> <p style="text-align: right;">BEGIN SEQUENCE A115 0543 ↓</p>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<p>— 14 [D] — 0835</p> <p>..... 10 </p> <p style="text-align: center;"> 40 </p> <p>..... 60 </p>																										
32 DSN COVERAGE	<p style="text-align: center;">1240 ————— 34 [oA] ————— 1645 1240 ————— 36 [DAR] ————— 1645</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 34h 14m 12s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 34h 14m 10s</p>																										
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:	APR 20													APR 21													