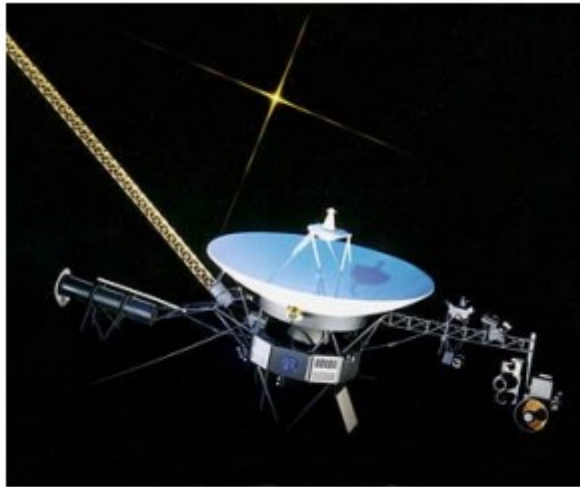


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: February 26, 2020

For the Period: 02/27/20 to 03/15/20 (20/058 – 20/075)



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

LEGEND:

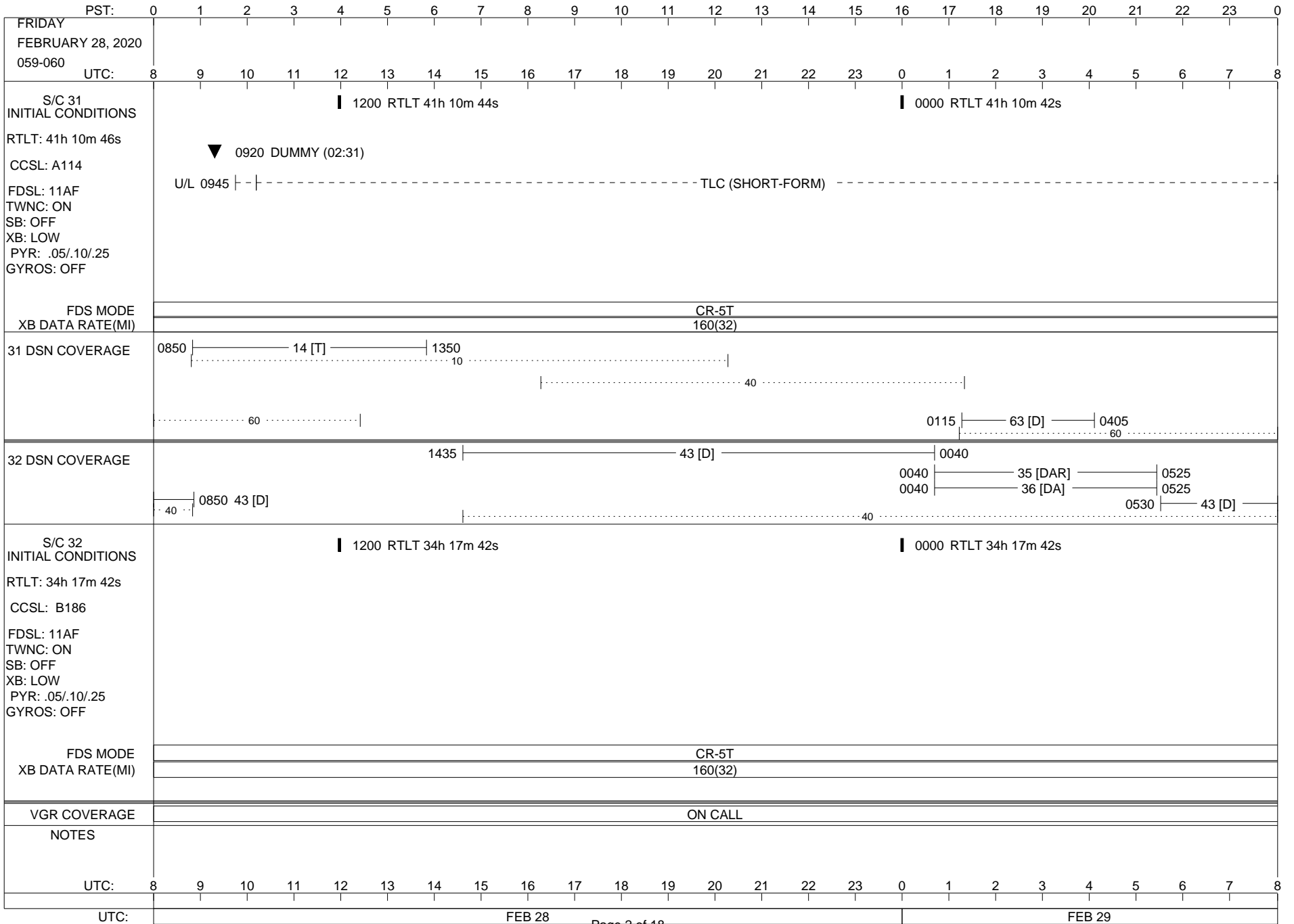
- ∇ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- * = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U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

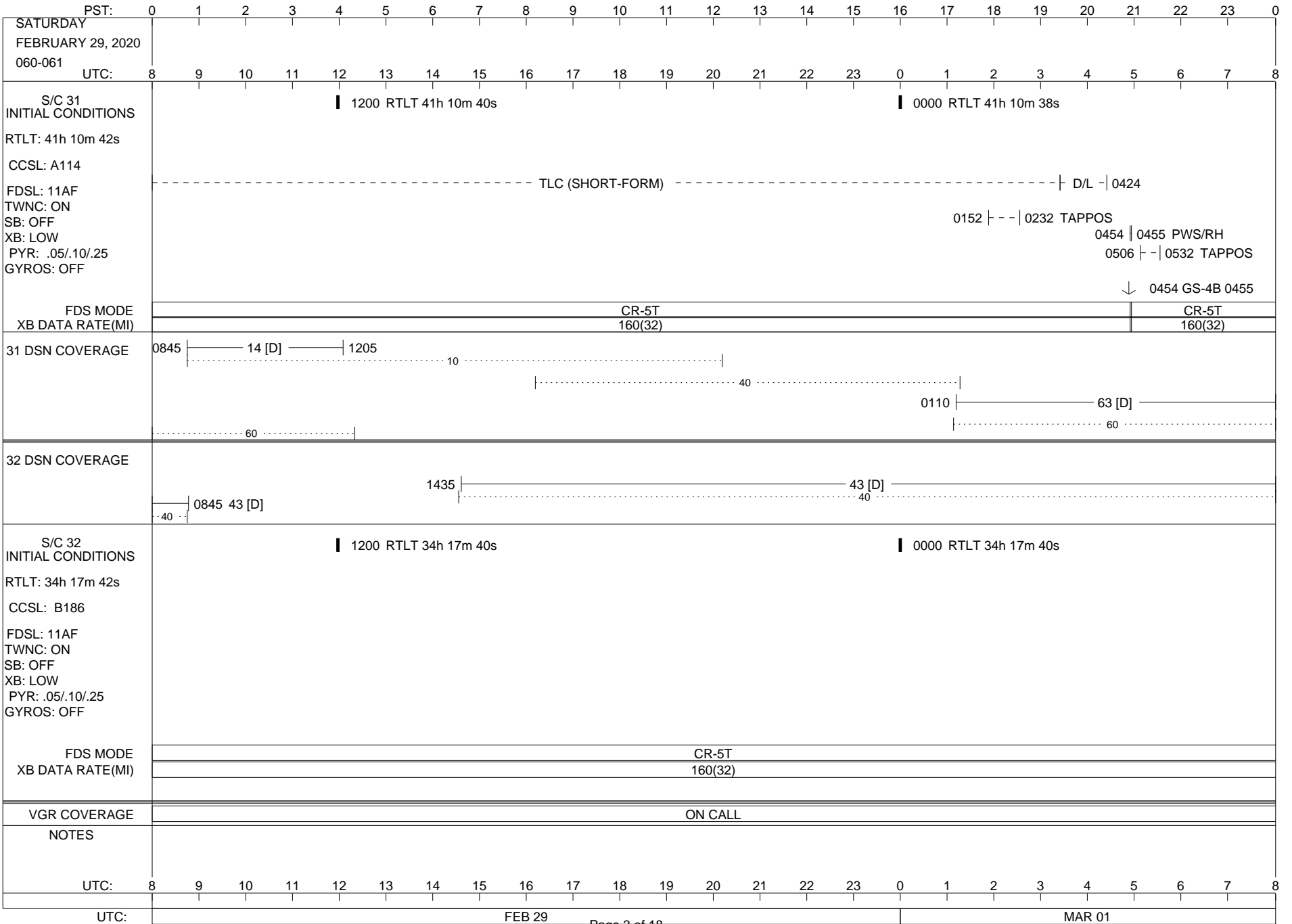
02/27/19

ISSUE DATE: 03/02/20 14:11

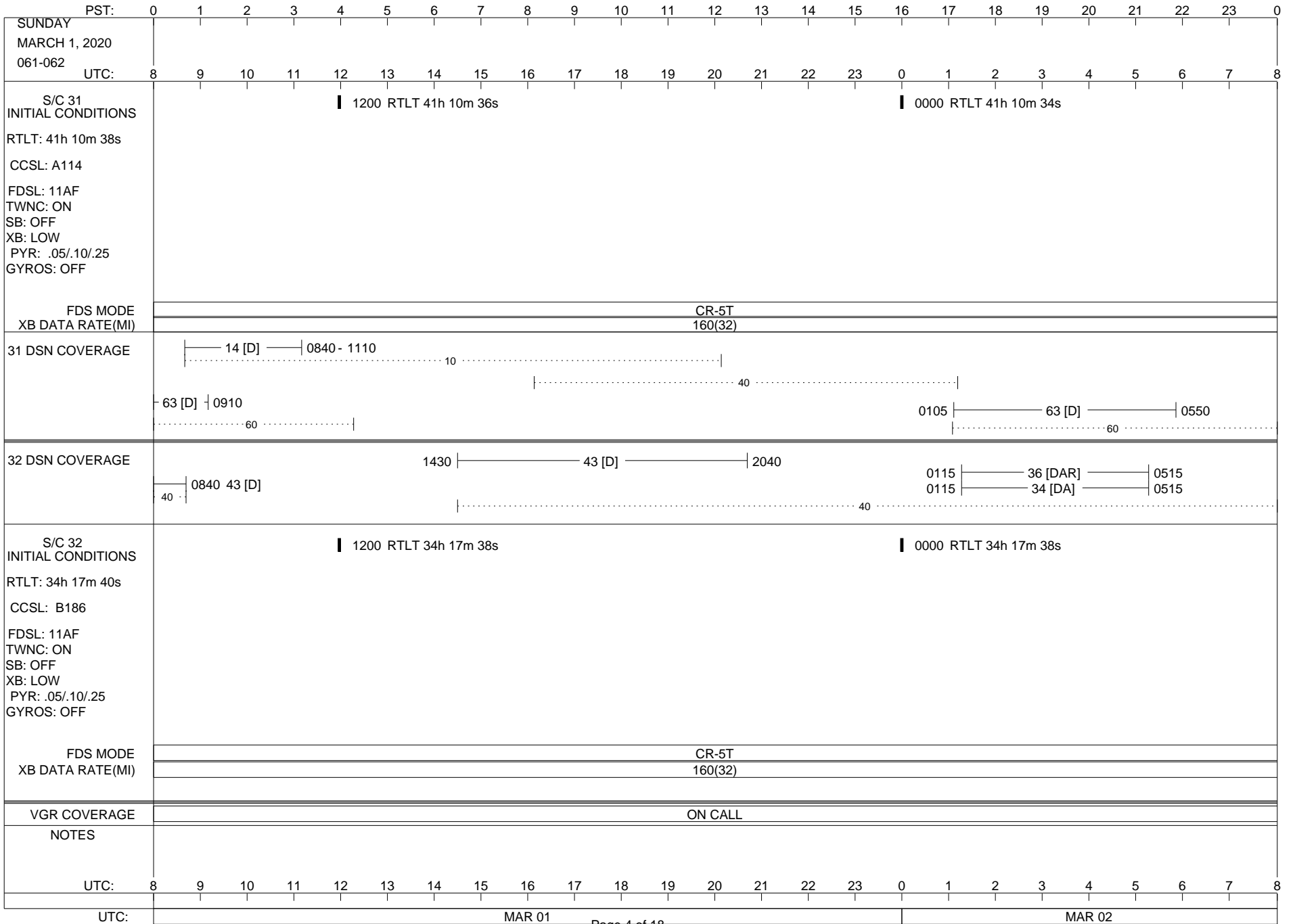
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THURSDAY FEBRUARY 27, 2020 058-059																												
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS RTLT: 41h 10m 52s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 41h 10m 48s														0000 RTLT 41h 10m 46s													
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														160(32)													
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS RTLT: 34h 17m 44s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 17m 44s														0000 RTLT 34h 17m 42s													
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														160(32)													
VGR COVERAGE	ON CALL														ON CALL													
NOTES	<p style="text-align: center;">▼ 1952 DUMMY (5 MIN BRACKETED 06:10)</p>																											
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
UTC:	FEB 27														FEB 28													

ISSUE DATE: 03/02/20 14:11

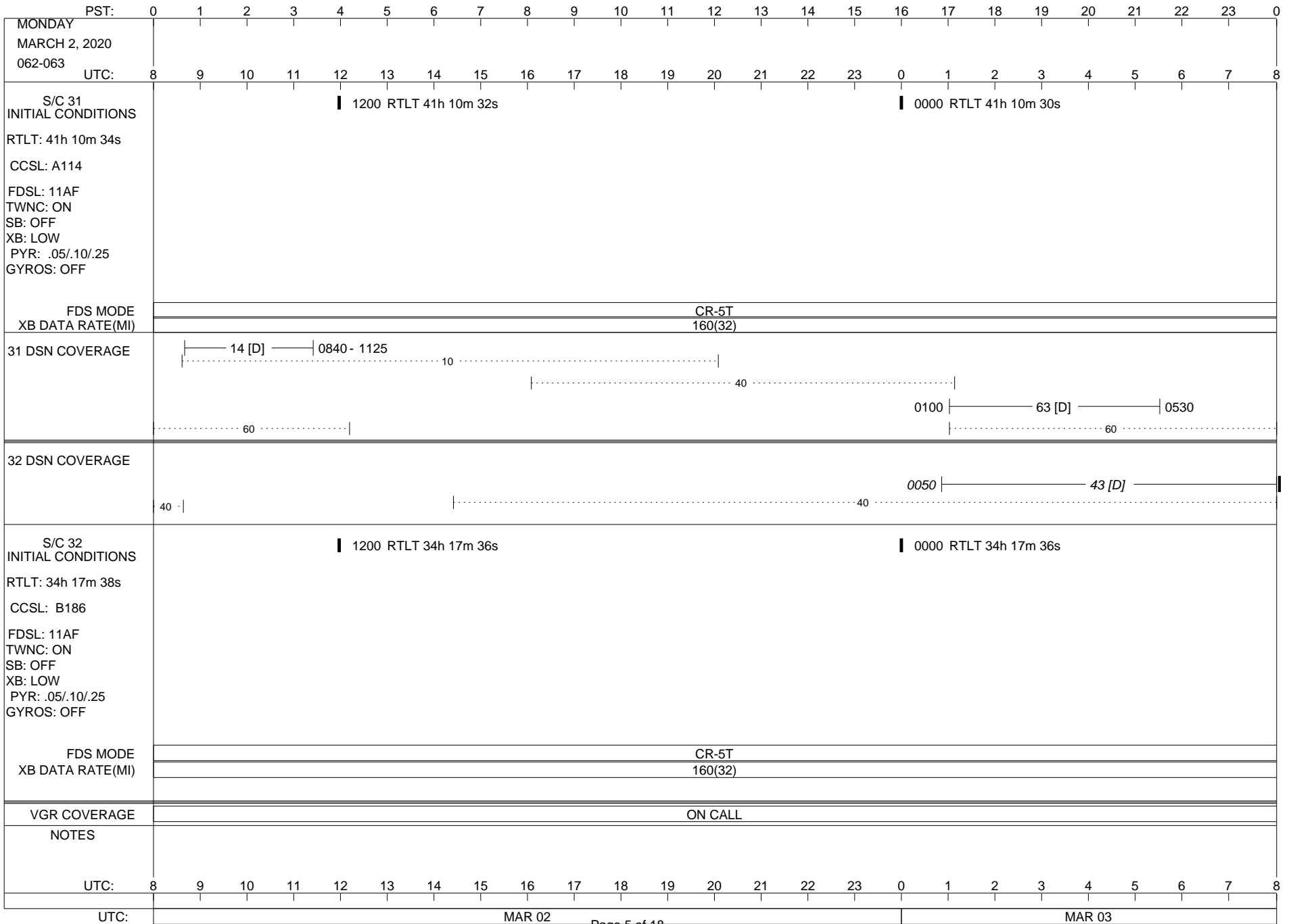




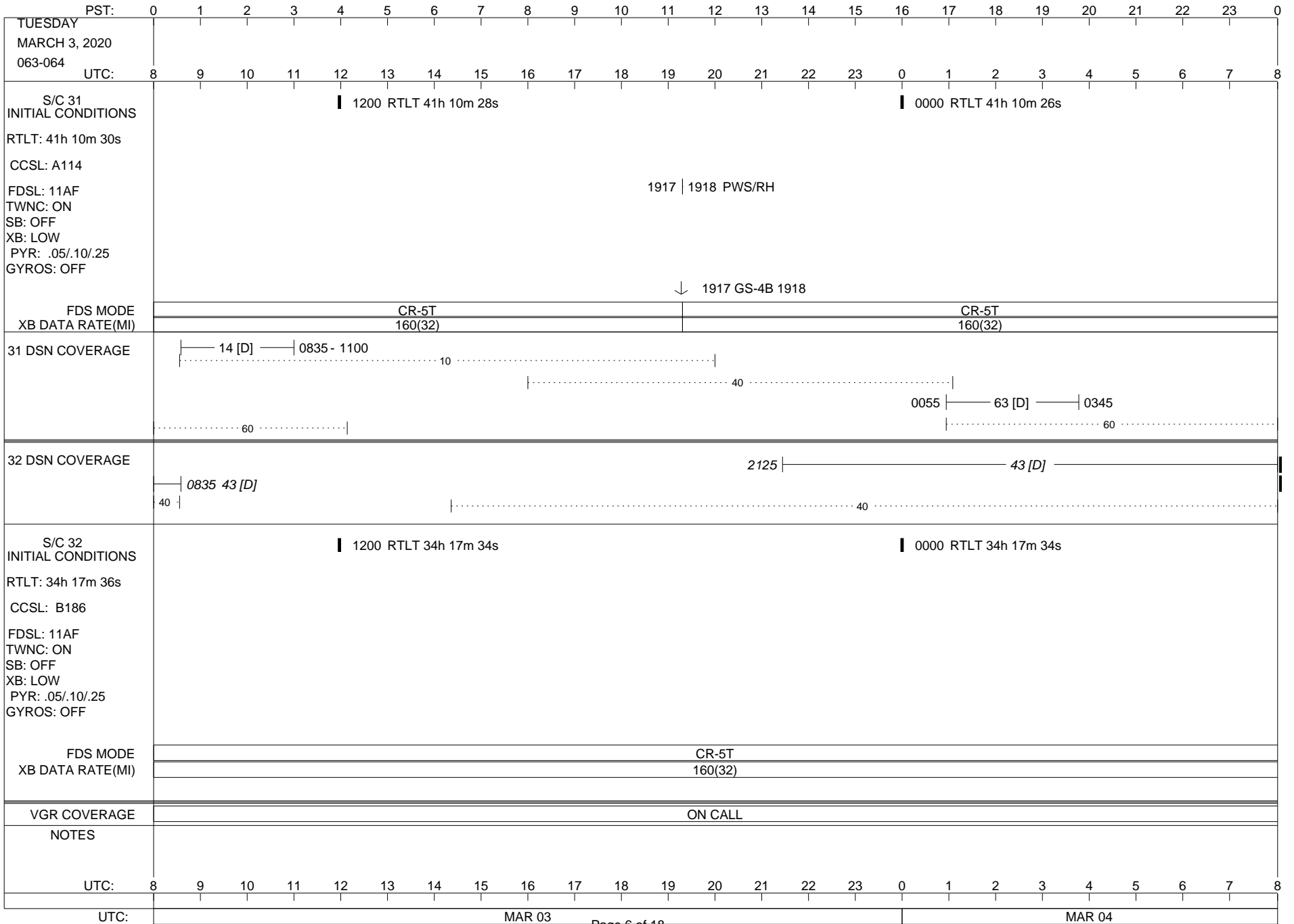
ISSUE DATE: 03/02/20 14:11



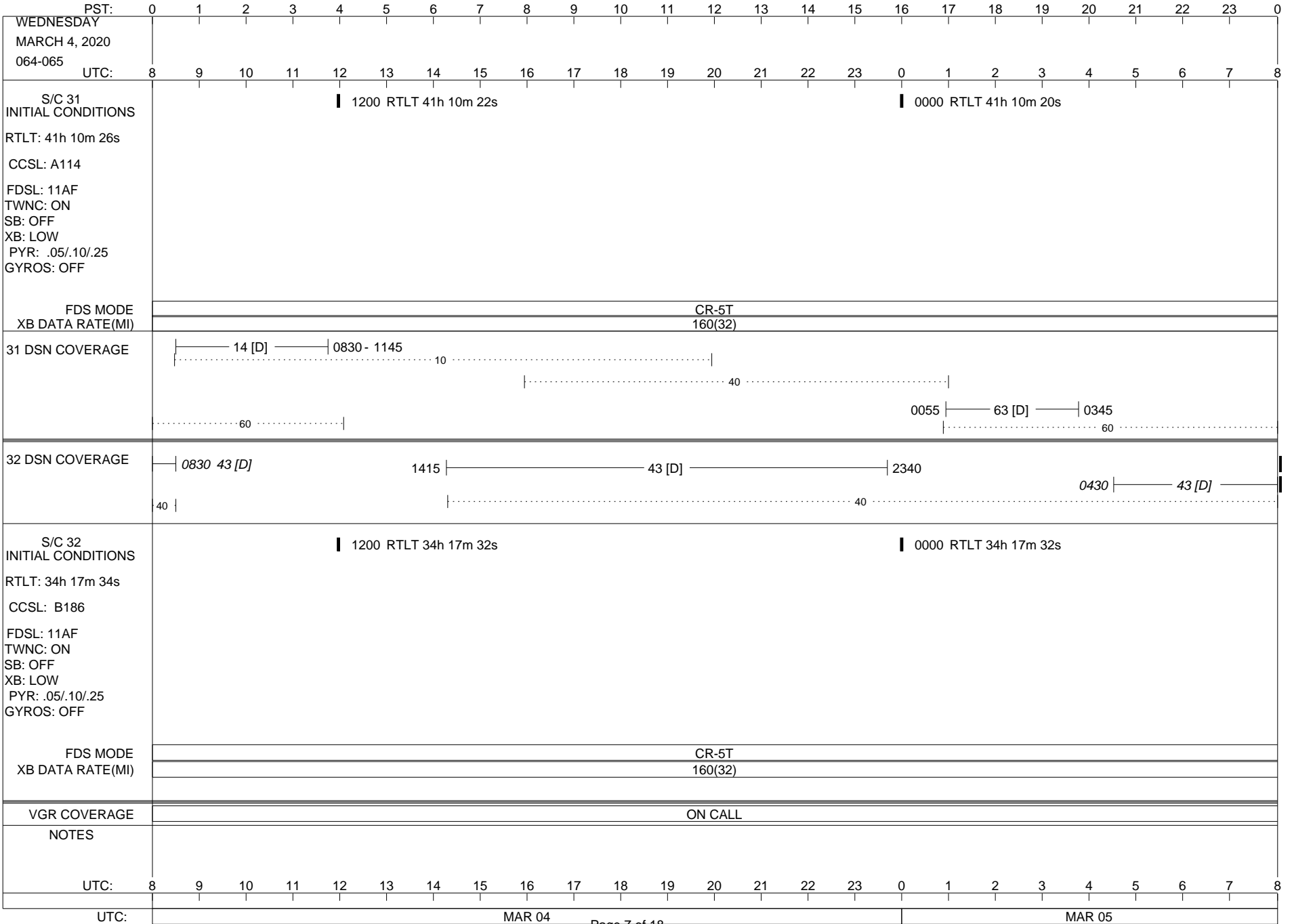
ISSUE DATE: 03/02/20 14:11



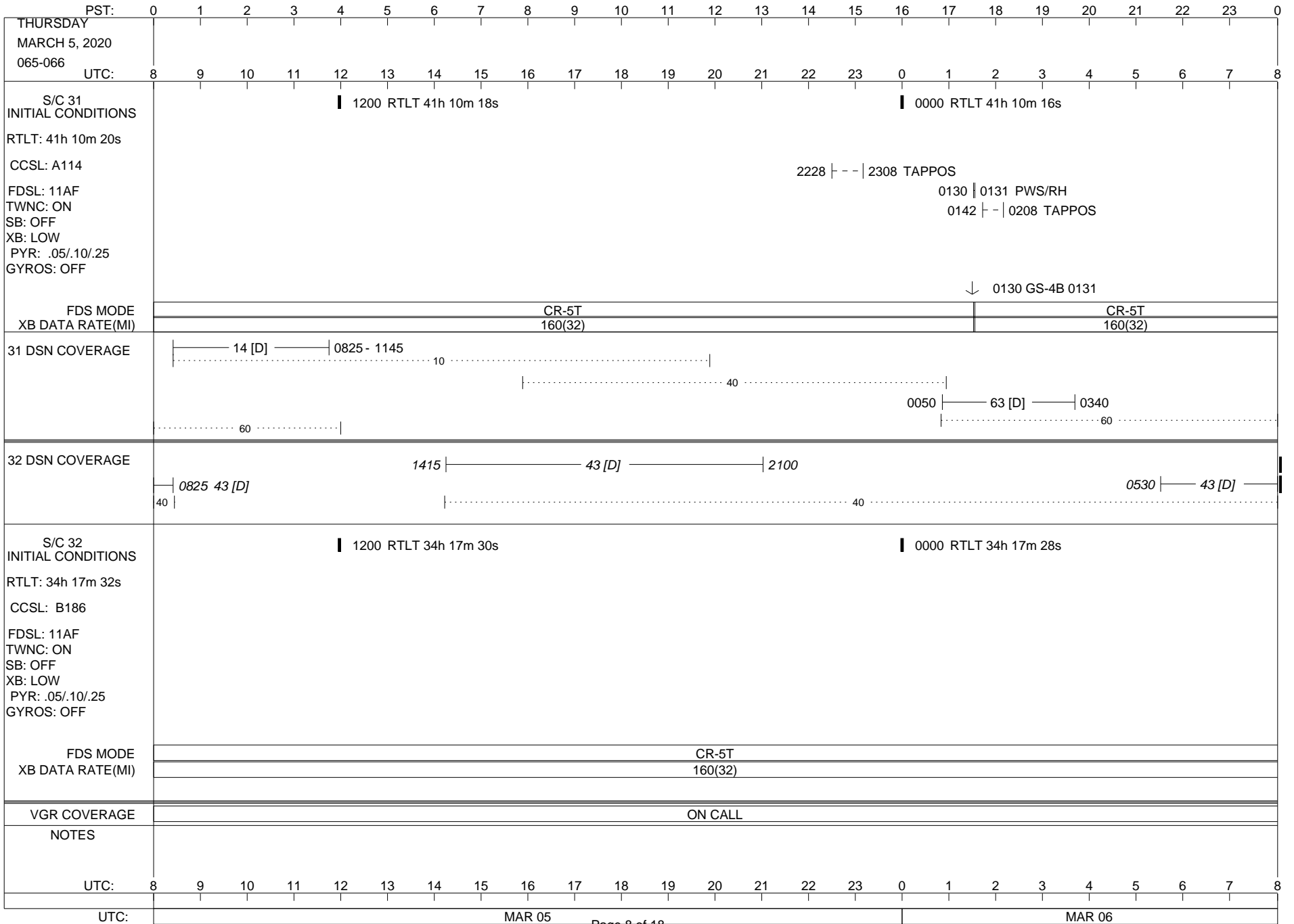
ISSUE DATE: 03/02/20 14:11



ISSUE DATE: 03/02/20 14:11



ISSUE DATE: 03/02/20 14:11



ISSUE DATE: 03/02/20 14:11

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

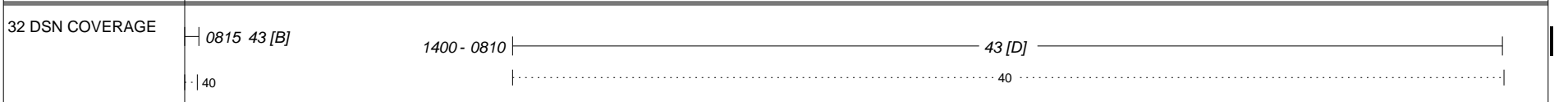
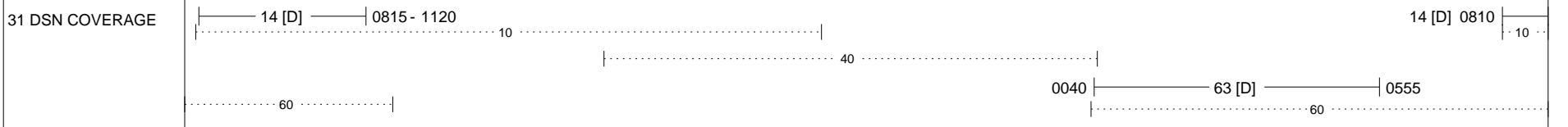
SUNDAY
MARCH 8, 2020
068-069
UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8 9

S/C 31
INITIAL CONDITIONS
RTLT: 41h 10m 8s
CCSL: A114
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 41h 10m 6s

0000 RTLT 41h 10m 4s

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



S/C 32
INITIAL CONDITIONS
RTLT: 34h 17m 24s
CCSL: B186
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 34h 17m 22s

0000 RTLT 34h 17m 20s

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

VGR COVERAGE ON CALL

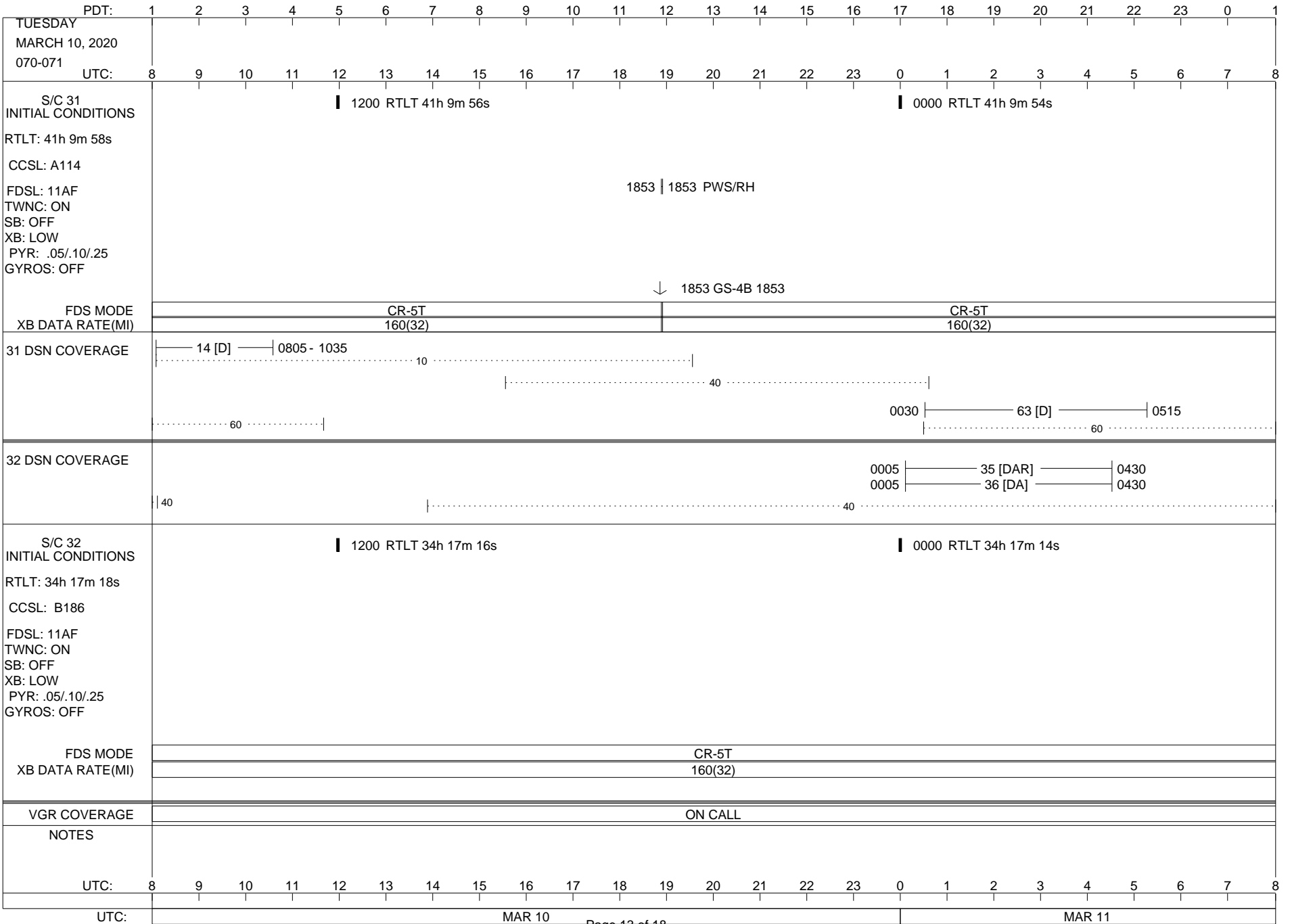
NOTES

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

UTC: MAR 08 Page 11 of 18 MAR 09

PDT:	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1
MONDAY MARCH 9, 2020 069-070																								
UTC:	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 41h 10m 4s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 41h 10m 0s												0000 RTLT 41h 9m 58s											
FDS MODE													CR-5T											
XB DATA RATE(MI)													160(32)											
31 DSN COVERAGE																								
32 DSN COVERAGE																								
S/C 32 INITIAL CONDITIONS RTLT: 34h 17m 20s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 17m 18s												0000 RTLT 34h 17m 18s											
FDS MODE													CR-5T											
XB DATA RATE(MI)													160(32)											
VGR COVERAGE	ON CALL																							
NOTES																								
UTC:	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
UTC:	MAR 09												MAR 10											

ISSUE DATE: 03/02/20 14:11



ISSUE DATE: 03/02/20 14:11

PDT: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1	
WEDNESDAY	
MARCH 11, 2020	
071-072	
UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8	
S/C 31 INITIAL CONDITIONS RTLT: 41h 9m 54s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="display: flex; justify-content: space-between;"> <div>1200 RTLT 41h 9m 52s</div> <div>0000 RTLT 41h 9m 50s</div> </div>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
31 DSN COVERAGE	
32 DSN COVERAGE	
S/C 32 INITIAL CONDITIONS RTLT: 34h 17m 14s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="display: flex; justify-content: space-between;"> <div>1200 RTLT 34h 17m 12s</div> <div>0000 RTLT 34h 17m 10s</div> </div>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
VGR COVERAGE	ON CALL
NOTES	
UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8	
UTC:	MAR 11 MAR 12

PDT:	1	2	3	4	5	6	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	8
THURSDAY MARCH 12, 2020 072-073																																
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8							
S/C 31 INITIAL CONDITIONS	1200 RTLT 41h 9m 48s														0000 RTLT 41h 9m 46s																	
RTL: 41h 9m 50s	▼ 0900 DUMMY (02:10)																															
CCSL: A114	U/L 0925 - ----- TLC (SHORT-FORM) -----																															
FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF															2204 - 2230 TAPPOS 0105 0107 PWS/RH 0117 0130 TAPPOS ↓ 0105 GS-4B 0107																	
FDS MODE	CR-5T														CR-5T																	
XB DATA RATE(MI)	160(32)														160(32)																	
31 DSN COVERAGE	14 [T] ----- 0810 - 1445														14 [D] 0755 ----- 10																	
 10 40																	
 60														0020 ----- 63 [D] ----- 0420 60																	
32 DSN COVERAGE	1515 ----- 35 [DAR] ----- 2010 1515 ----- 34[oA] ----- 2010													 40																	
S/C 32 INITIAL CONDITIONS	1200 RTLT 34h 17m 10s														0000 RTLT 34h 17m 8s																	
RTL: 34h 17m 10s																																
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:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8							
UTC:	MAR 12														MAR 13																	

PDT:	1	2	3	4	5	6	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	8
FRIDAY MARCH 13, 2020 073-074																																
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8							
S/C 31 INITIAL CONDITIONS	1200 RTLT 41h 9m 44s												0000 RTLT 41h 9m 42s																			
RTLT: 41h 9m 46s																																
CCSL: A114	----- TLC (SHORT-FORM) ----- † D/L - 0408																															
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	<p>14 [D] 1045</p> <p>..... 10 </p> <p>..... 40 </p> <p>..... 60 </p> <p>0020 63 [D] 0420</p> <p>..... 60 </p> <p>14 [D] 0750</p> <p>10</p>																															
32 DSN COVERAGE	<p>0110 36 [DA] 0540</p> <p>0110 35 [DAR] 0540</p> <p>..... 40 </p>																															
S/C 32 INITIAL CONDITIONS	1200 RTLT 34h 17m 6s												0000 RTLT 34h 17m 4s																			
RTLT: 34h 17m 8s																																
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:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8							
UTC:	MAR 13													MAR 14																		

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1
SATURDAY MARCH 14, 2020 074-075	UTC: 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 41h 9m 42s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 41h 9m 40s												0000 RTLT 41h 9m 36s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	14 [D] 1030												14 [D] 0745												
	60												60												
	40												40												
	0015												0430												
	63 [D]												60												
32 DSN COVERAGE	0120												0550												
	0120												0550												
	35 [DAR]												36 [DA]												
	40												40												
S/C 32 INITIAL CONDITIONS RTLT: 34h 17m 4s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 17m 2s												0000 RTLT 34h 17m 0s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL																								
NOTES																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
UTC:	MAR 14												MAR 15												

ISSUE DATE: 03/02/20 14:11

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1		
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S/C 31 INITIAL CONDITIONS	█ 1200 RTLT 41h 9m 34s																										
RTLT: 41h 9m 36s																											
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	<p>14 [D] 1025</p> <p>..... 10</p> <p>..... 60</p>																										
32 DSN COVERAGE	<p>1505 35 [DAR] 2105</p> <p>1505 36 [DA] 2105</p>																										
S/C 32 INITIAL CONDITIONS	█ 1200 RTLT 34h 16m 58s																										
RTLT: 34h 17m 0s																											
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:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8		
UTC:	MAR 15													MAR 16													