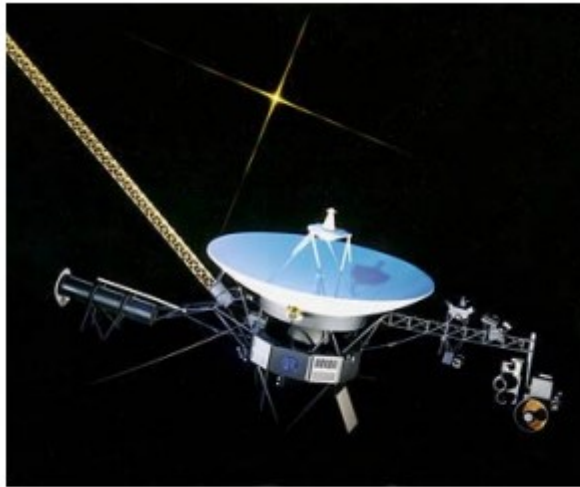


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: December 30, 2019

For the Period: 01/02/20 to 01/27/20 (20/002 – 20/027)



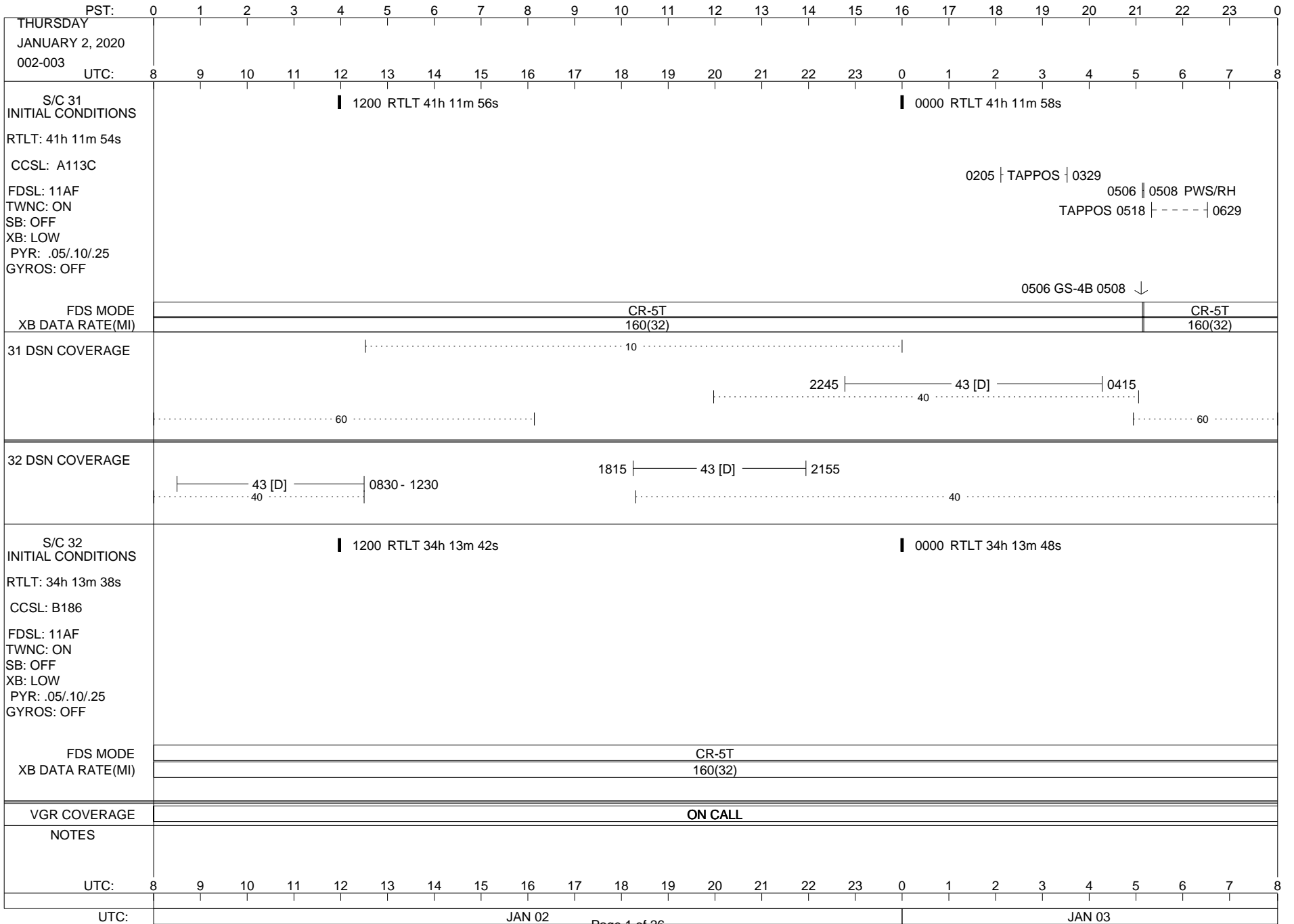
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

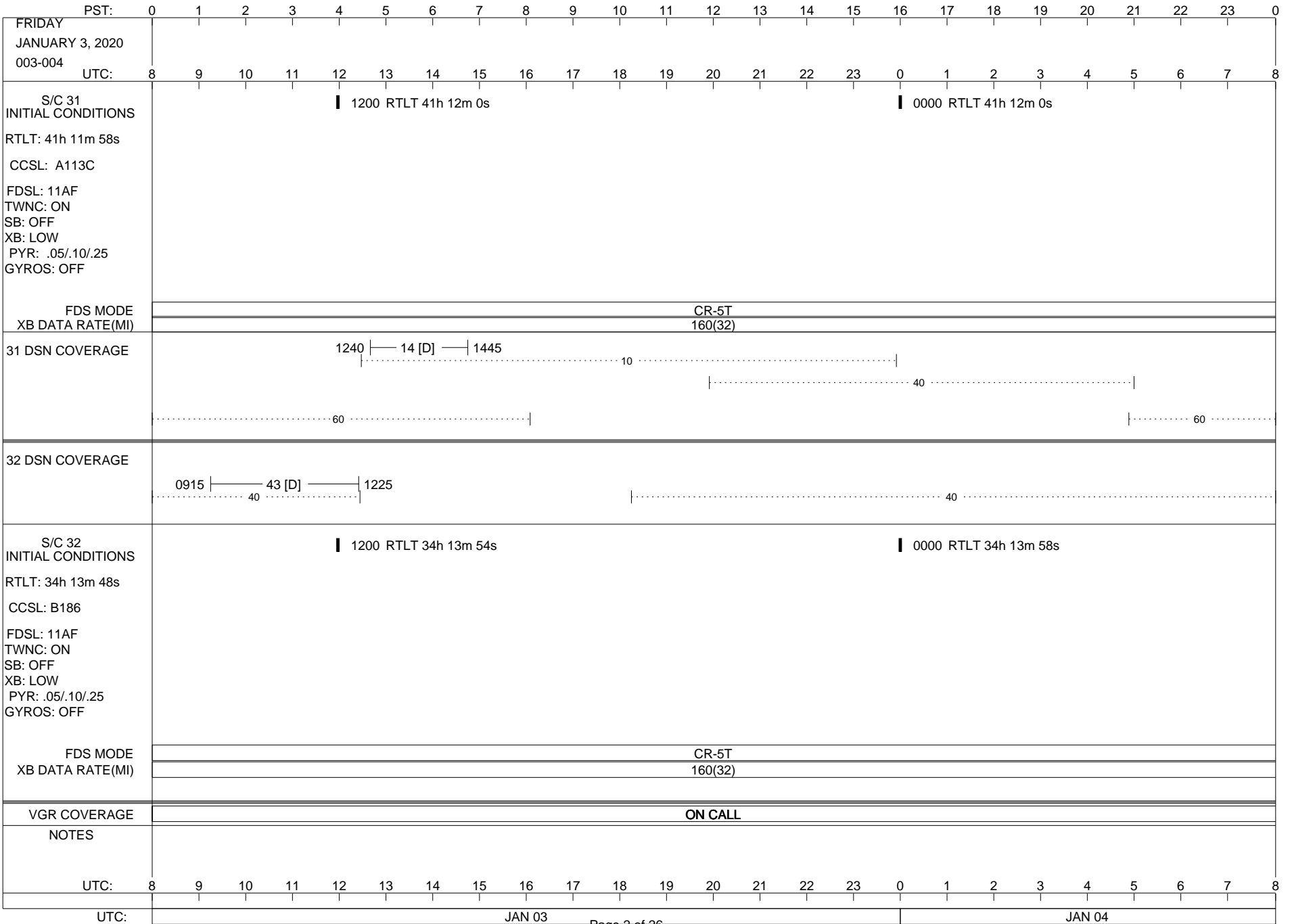
LEGEND:

- ∇ = 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

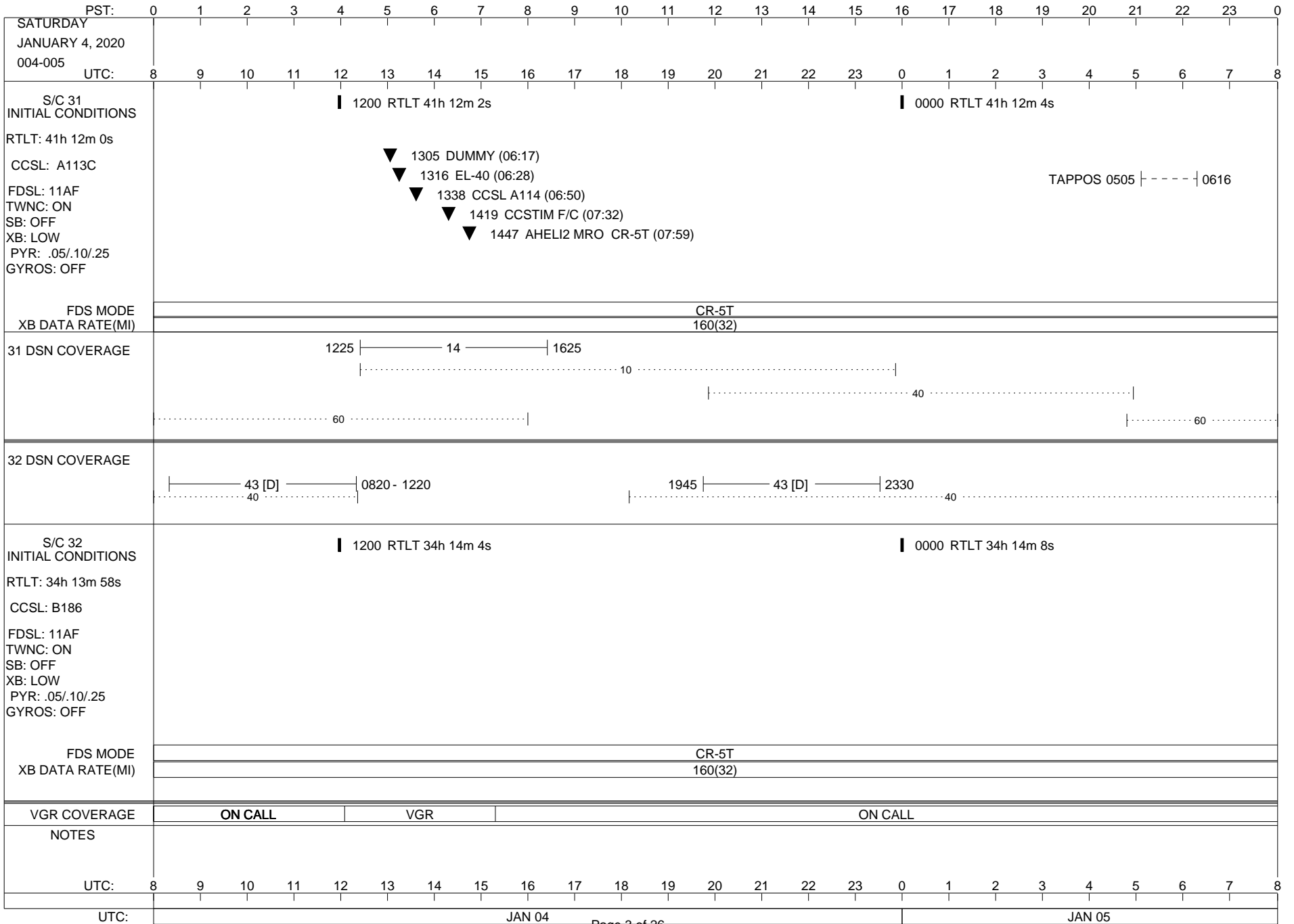
02/27/19

ISSUE DATE: 01/08/20 08:49





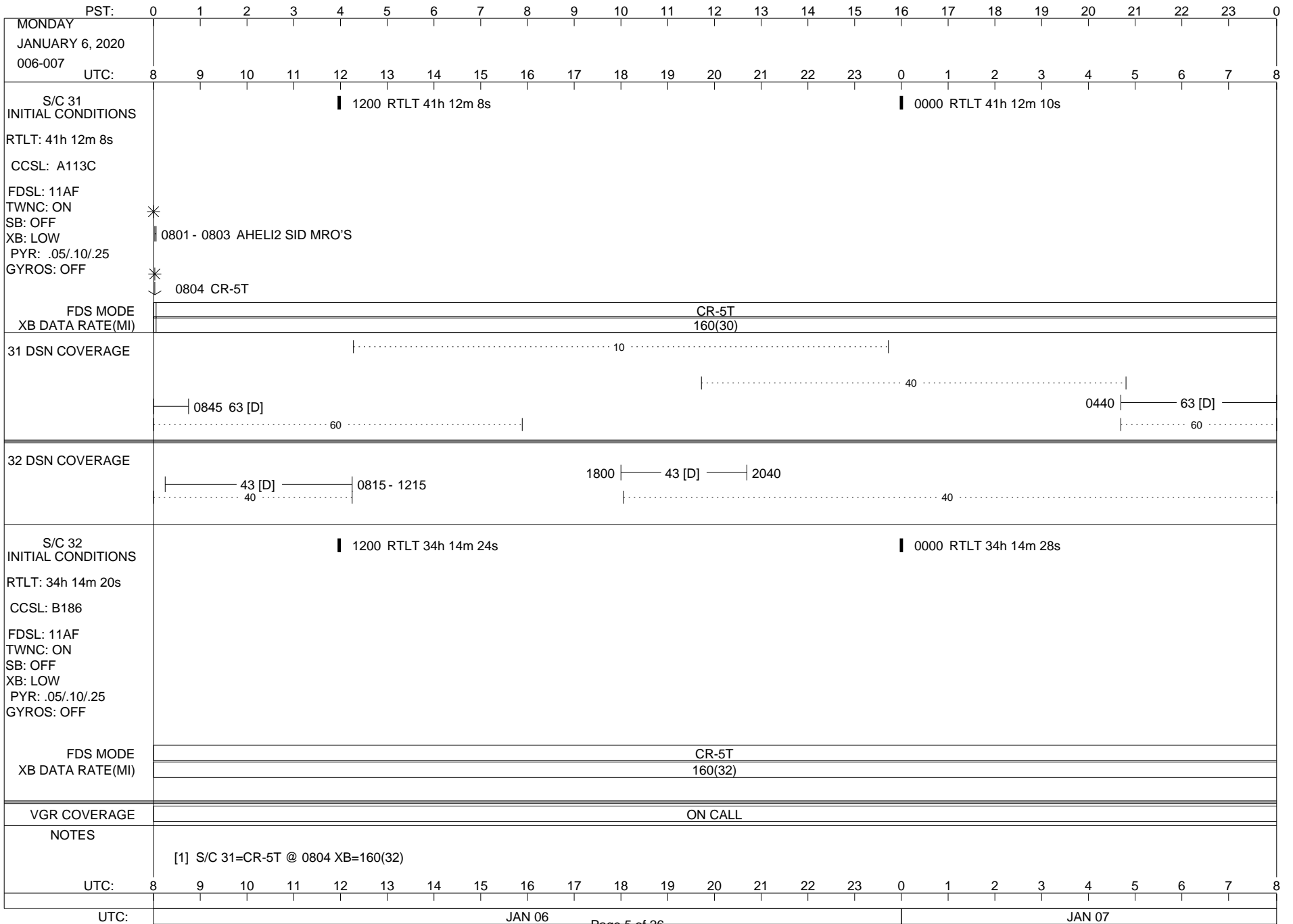
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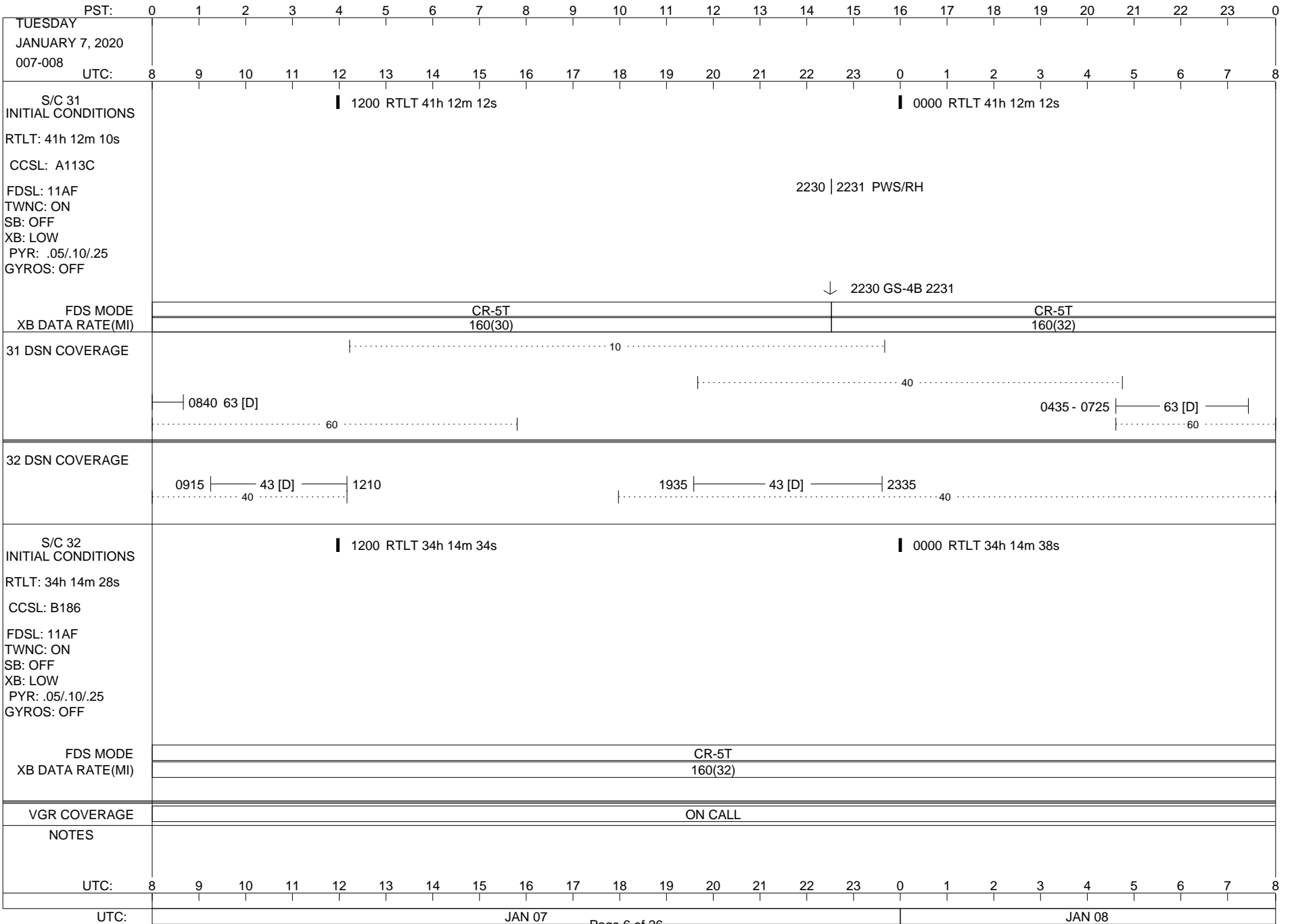
ISSUE DATE: 01/08/20 08:49

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SUNDAY JANUARY 5, 2020 005-006																									
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 12m 6s												0000 RTLT 41h 12m 8s												
RTLT: 41h 12m 4s																									
CCSL: A113C																									
FDSL: 11AF	0807 - 0808 PWS/RH												A114 CHKSUM 0702 * 0706												
TWNC: ON	0819 - 0915 TAPPOS												CCSTIM FINE 0733 - 0740 * 0740												
SB: OFF																									
XB: LOW																									
PYR: .05/.10/.25																									
GYROS: OFF																									
	0807 GS-4B 0808												EL-40 0629 *												
FDS MODE	CR-5T												EL-40												
XB DATA RATE(MI)	160(32)												40(30)												
31 DSN COVERAGE	<p>.....10.....</p> <p>1215 ----- 63 [D] ----- 1615</p> <p>.....40.....</p> <p>.....60.....</p> <p>.....0445 ----- 63 [D] -----</p> <p>.....60.....</p>																								
32 DSN COVERAGE	<p>0910 ----- 43 [D] ----- 1220</p> <p>.....40.....</p> <p>.....40.....</p>																								
S/C 32 INITIAL CONDITIONS	1200 RTLT 34h 14m 14s												0000 RTLT 34h 14m 20s												
RTLT: 34h 14m 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	[1] S/C 31=EL-40 @ 0629 XB=40(30)																								
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:	JAN 05												JAN 06												

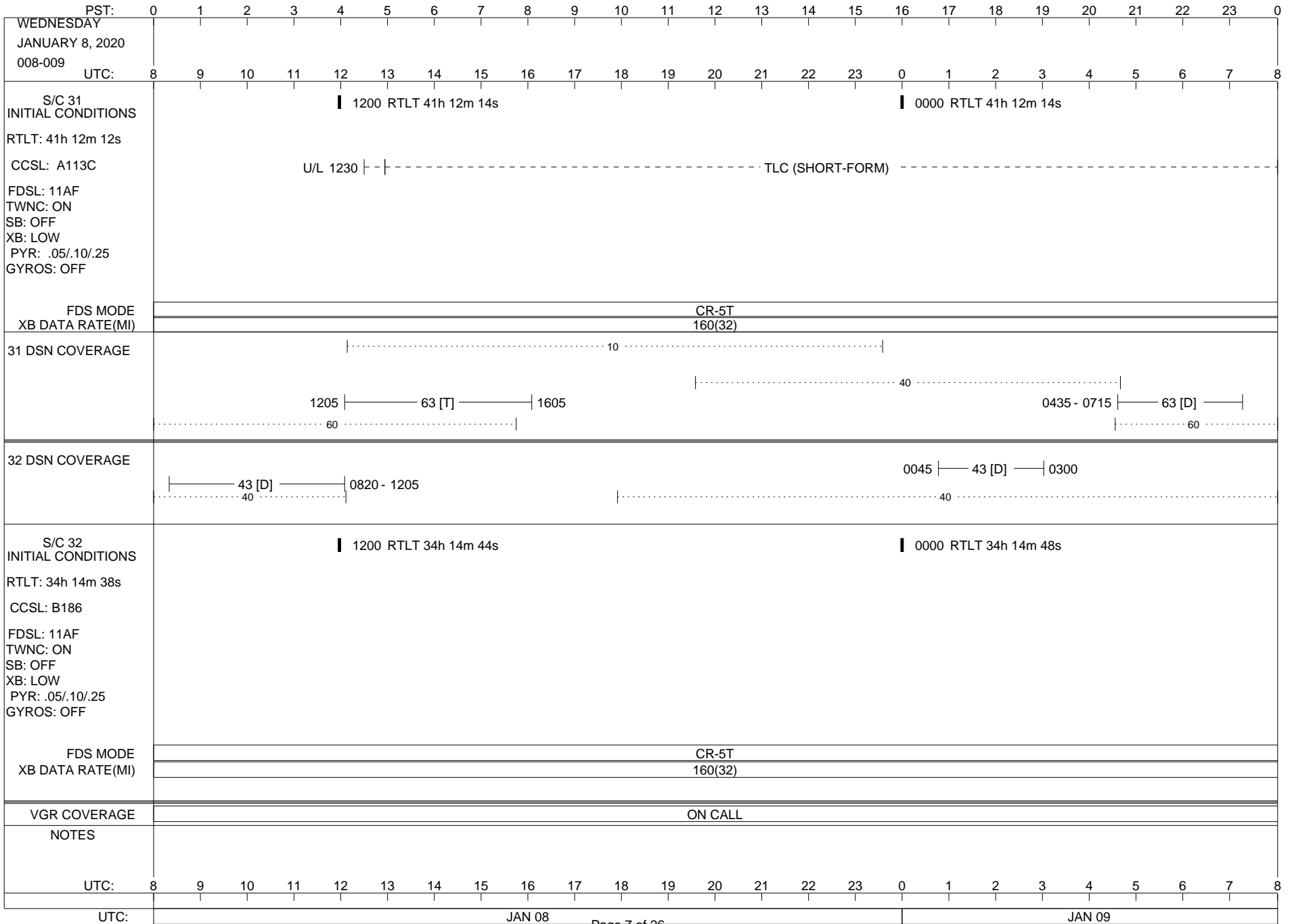
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ISSUE DATE: 01/08/20 08:49



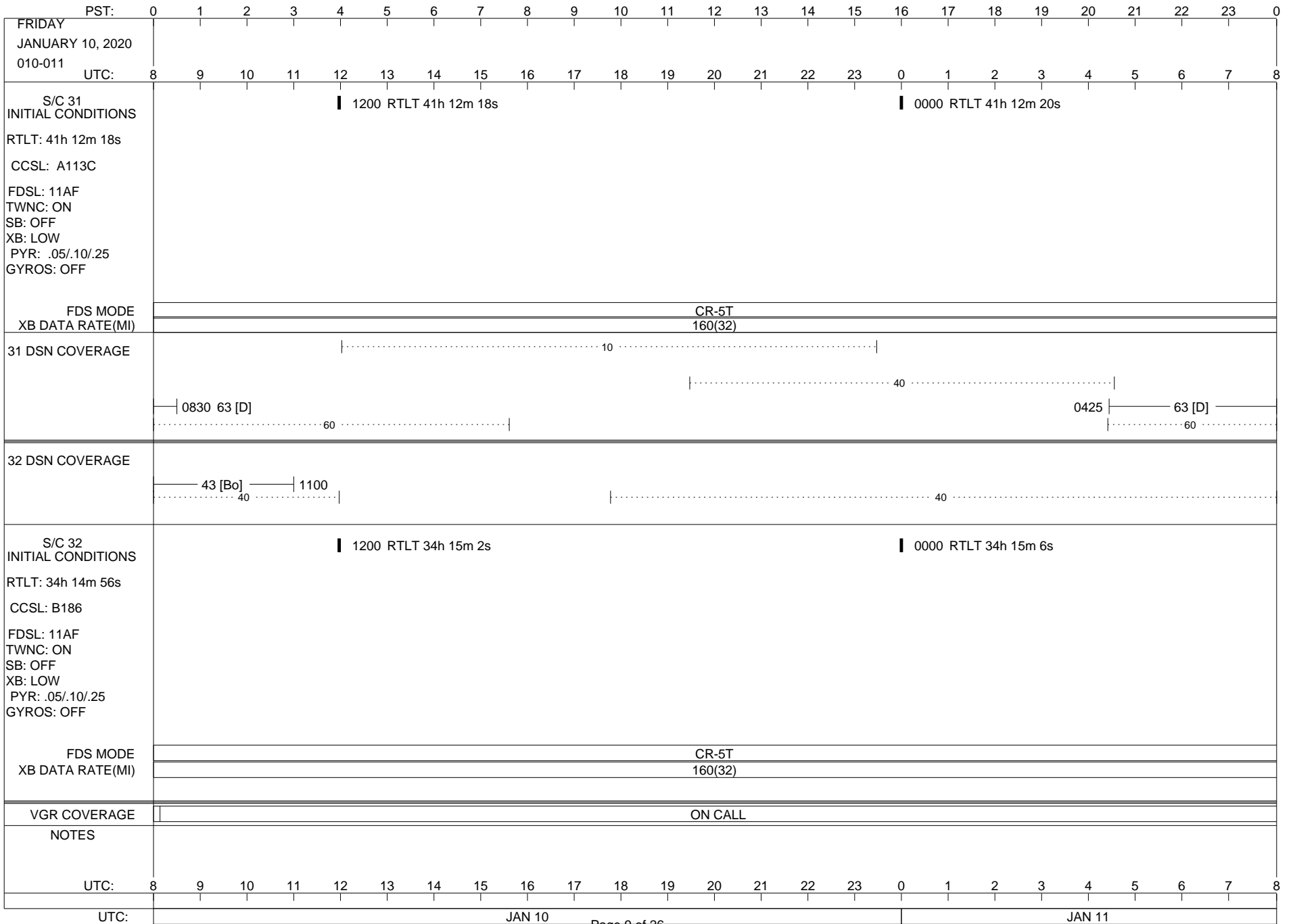
ISSUE DATE: 01/08/20 08:49



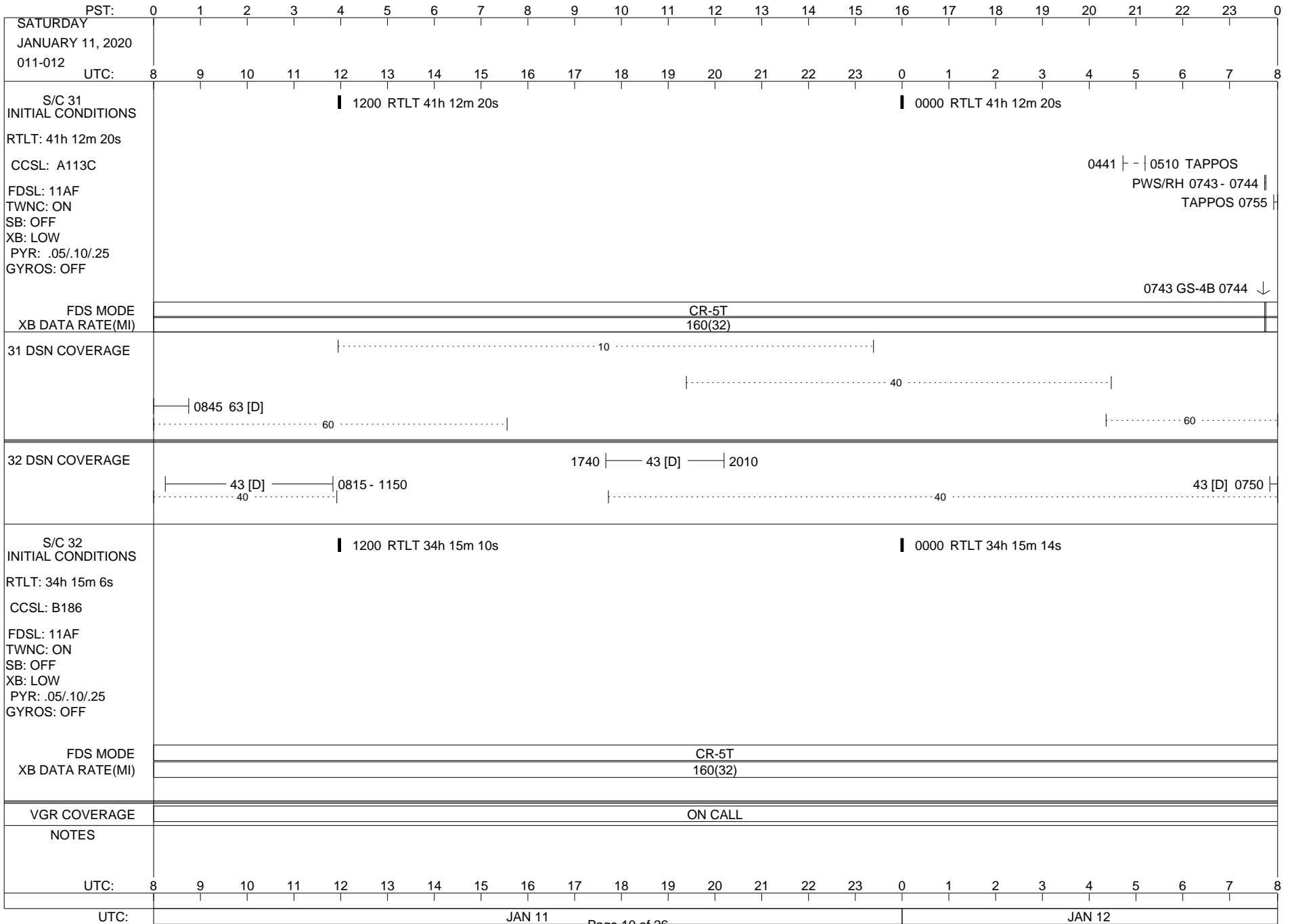
ISSUE DATE: 01/08/20 08:49

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THURSDAY JANUARY 9, 2020 009-010																										
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S/C 31 INITIAL CONDITIONS RTLTL: 41h 12m 14s CCSL: A113C FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 41h 12m 16s												█ 0000 RTLTL 41h 12m 18s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	----- 10												----- 40													
	----- 60												0430 ----- 63 [D] ----- 60													
32 DSN COVERAGE	----- 40												----- 40													
													0545 ----- 43 [Bo] -----													
S/C 32 INITIAL CONDITIONS RTLTL: 34h 14m 48s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 34h 14m 52s												█ 0000 RTLTL 34h 14m 56s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
VGR COVERAGE	ON CALL												VGR													
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:	JAN 09												JAN 10													

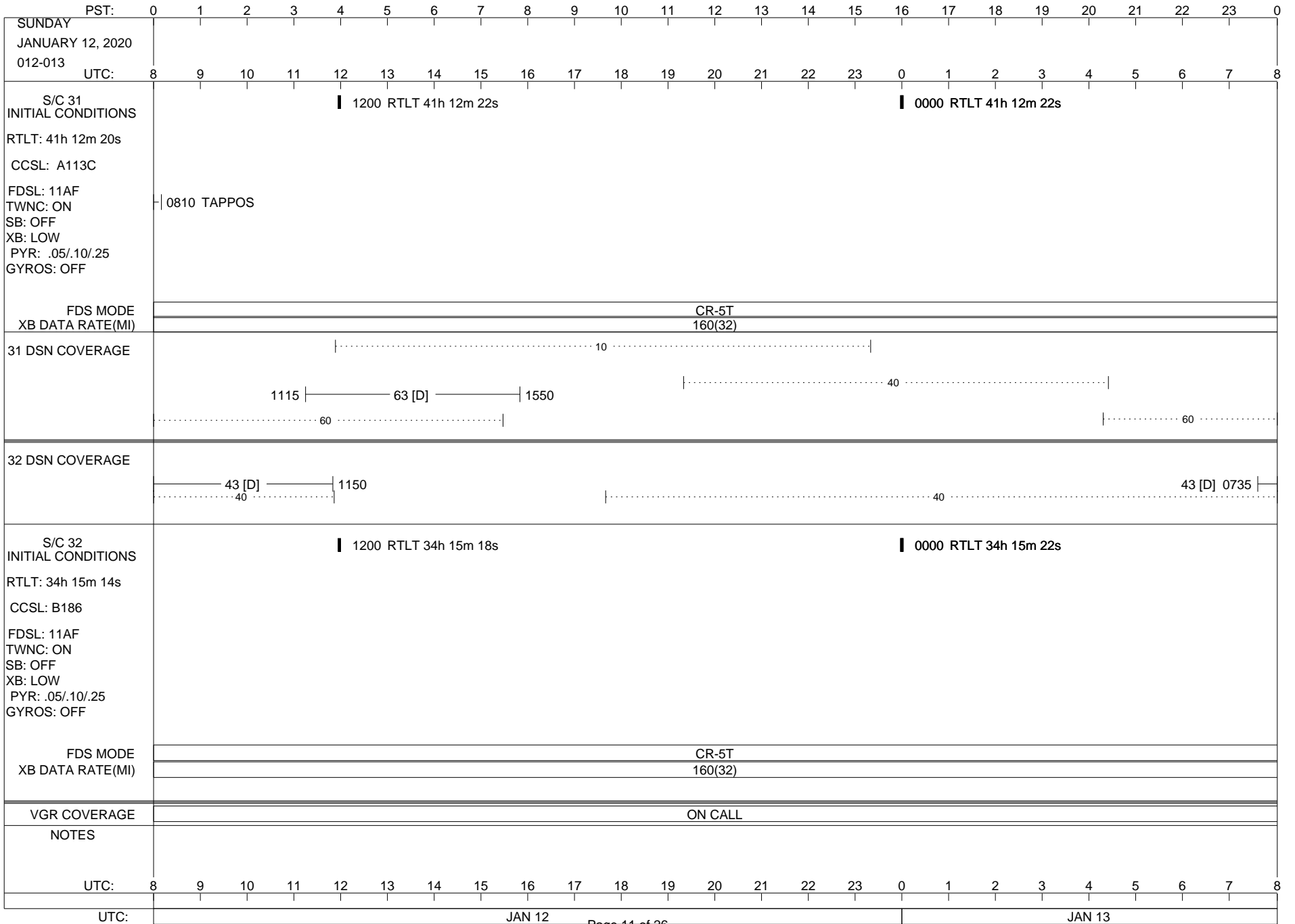
ISSUE DATE: 01/08/20 08:49



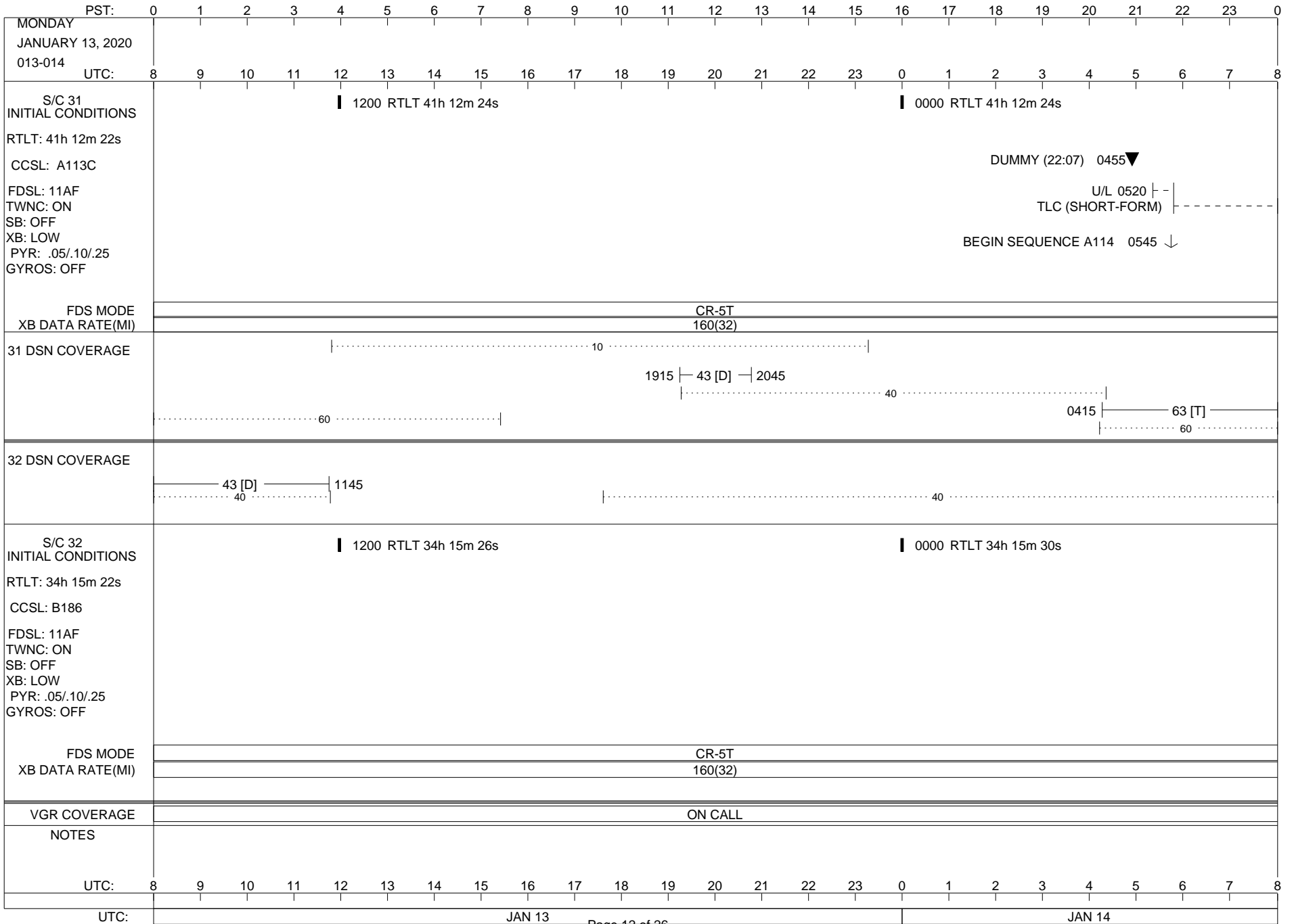
ISSUE DATE: 01/08/20 08:49



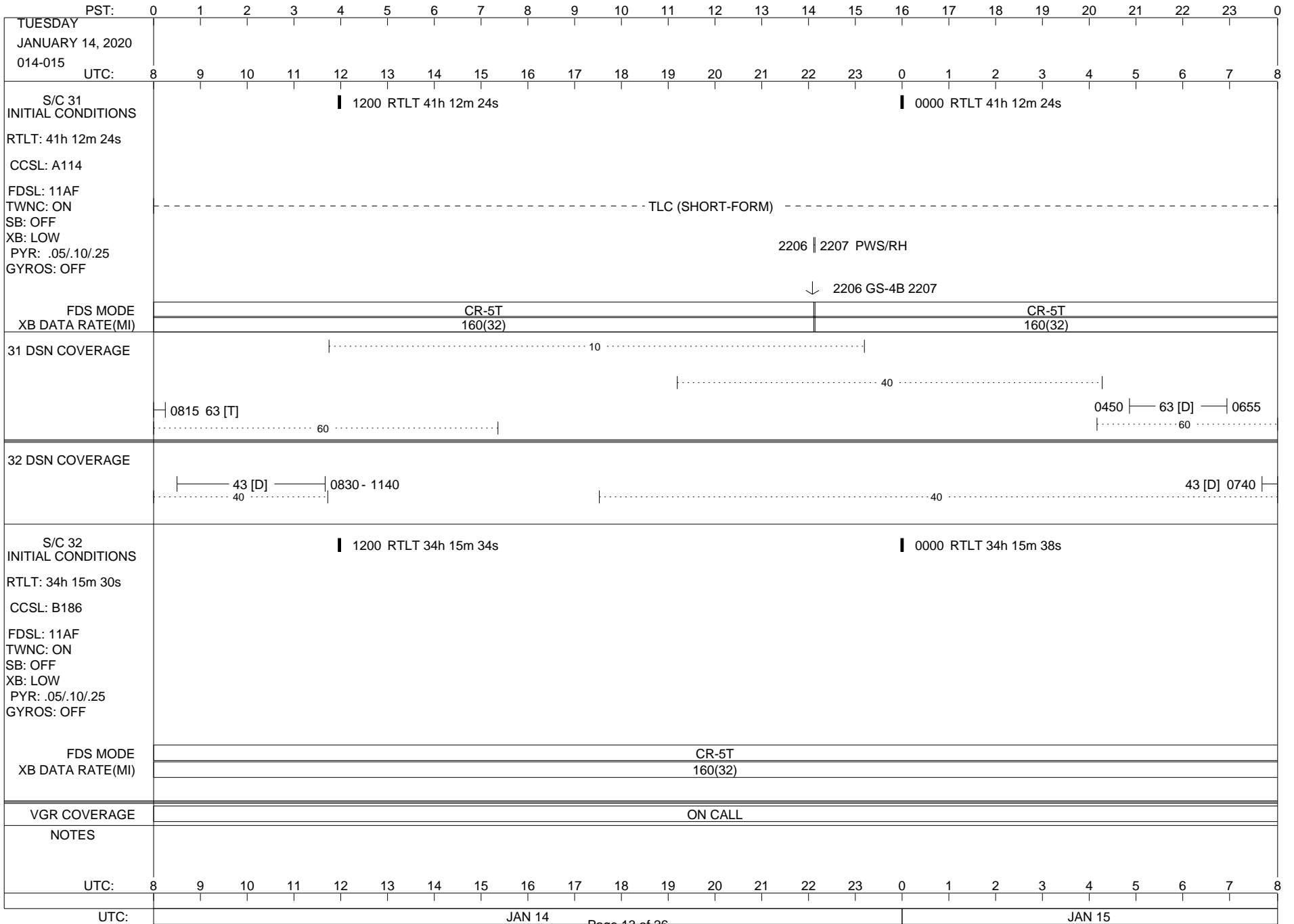
ISSUE DATE: 01/08/20 08:49



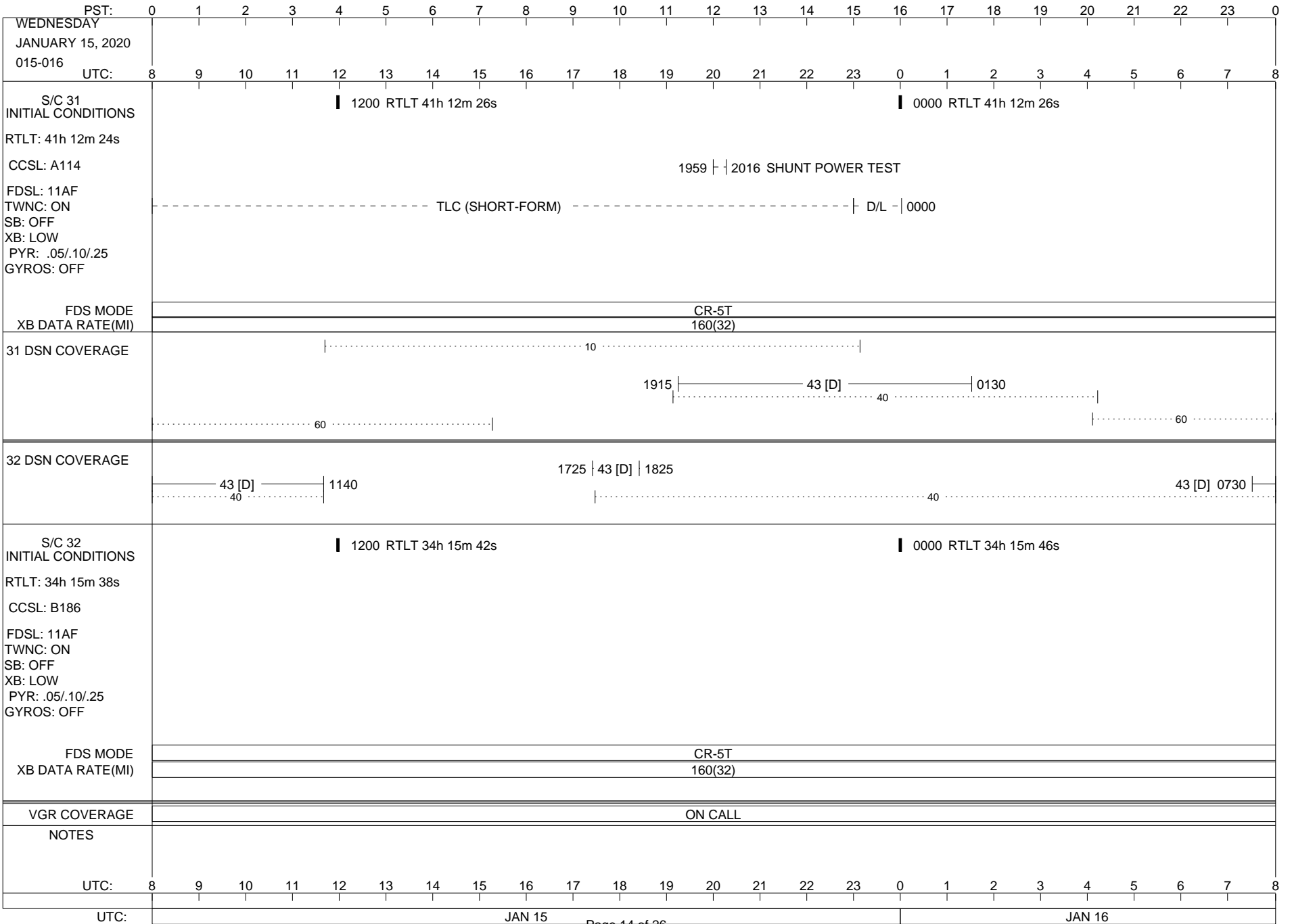
ISSUE DATE: 01/08/20 08:49



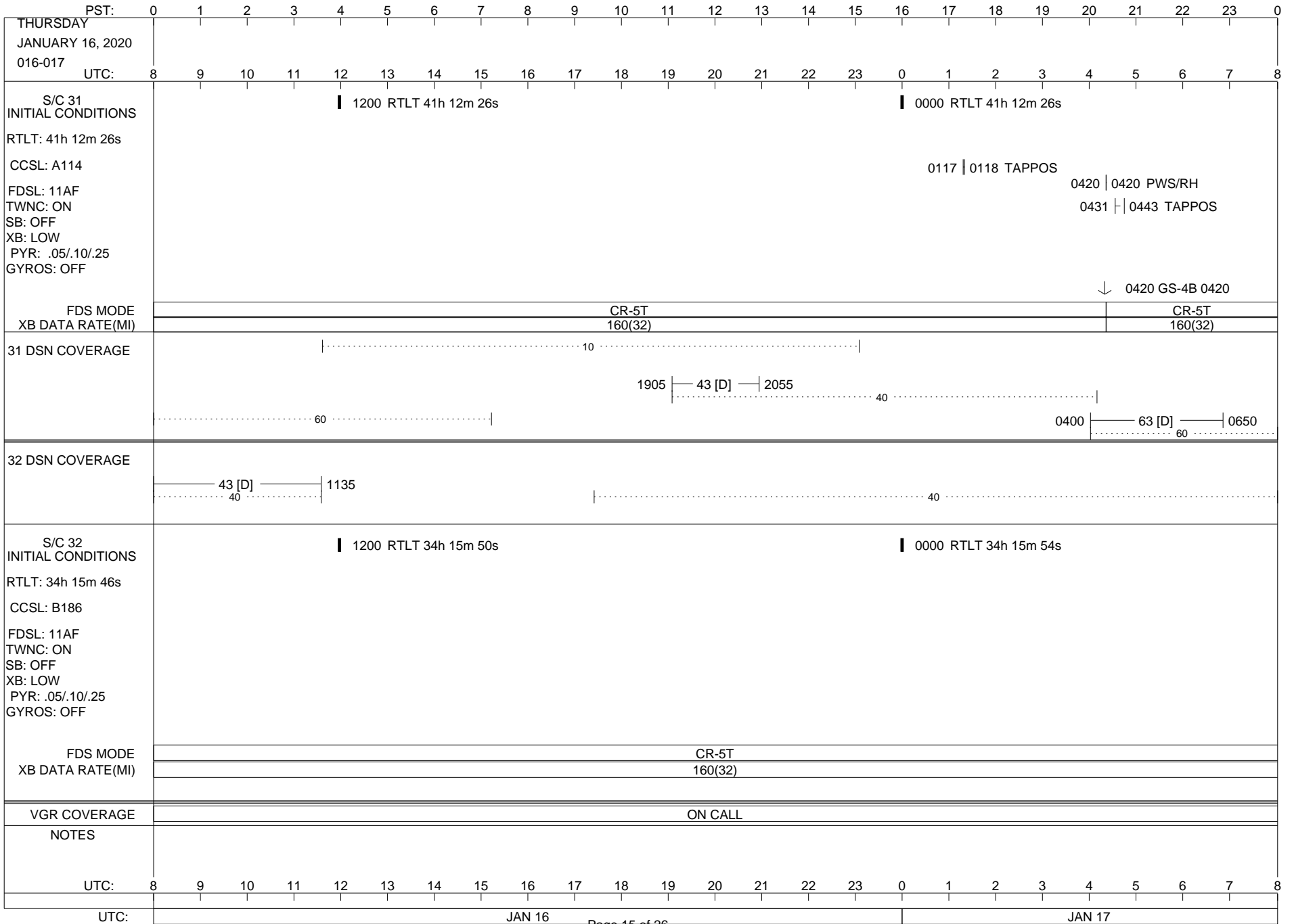
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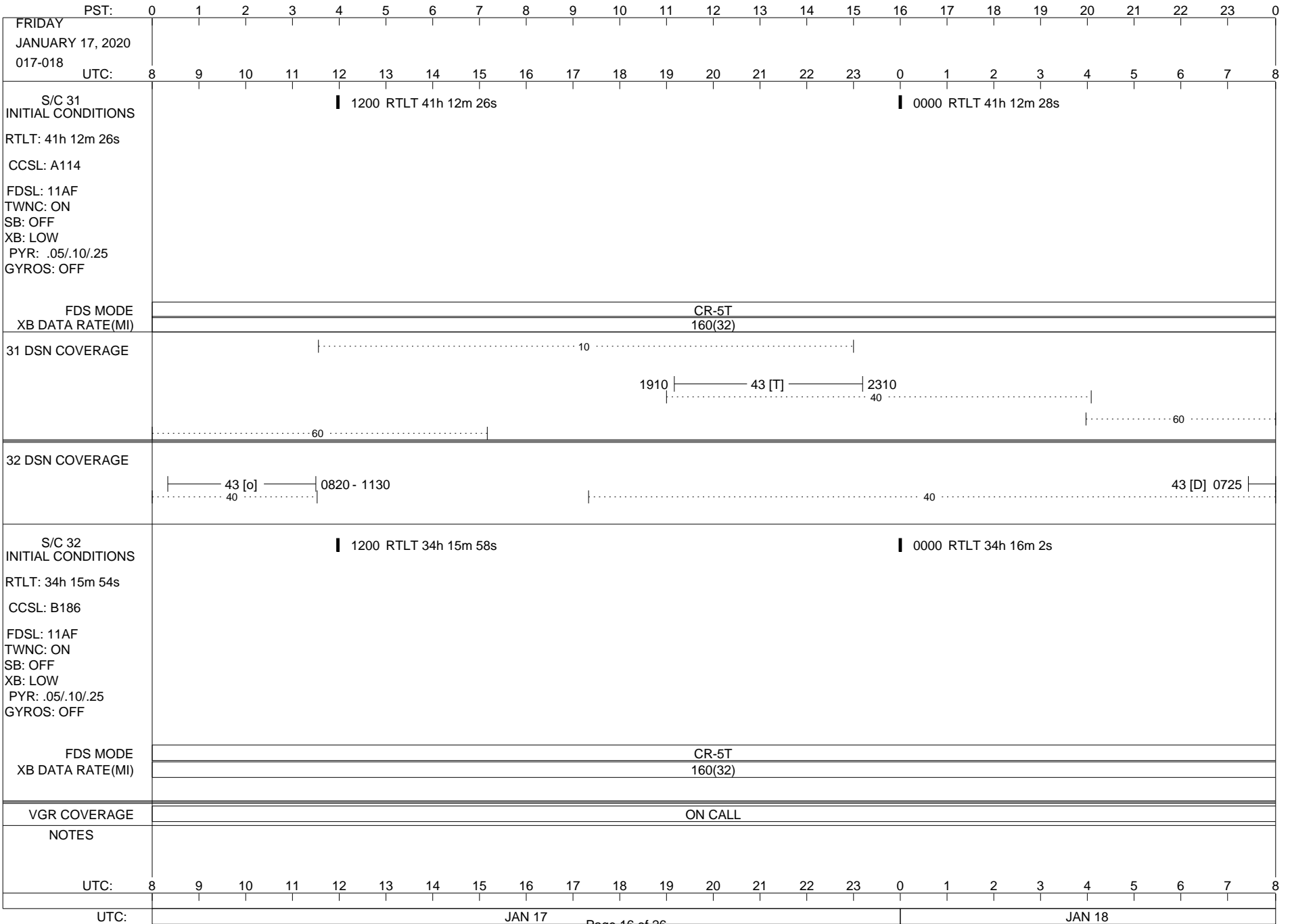
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ISSUE DATE: 01/08/20 08:49

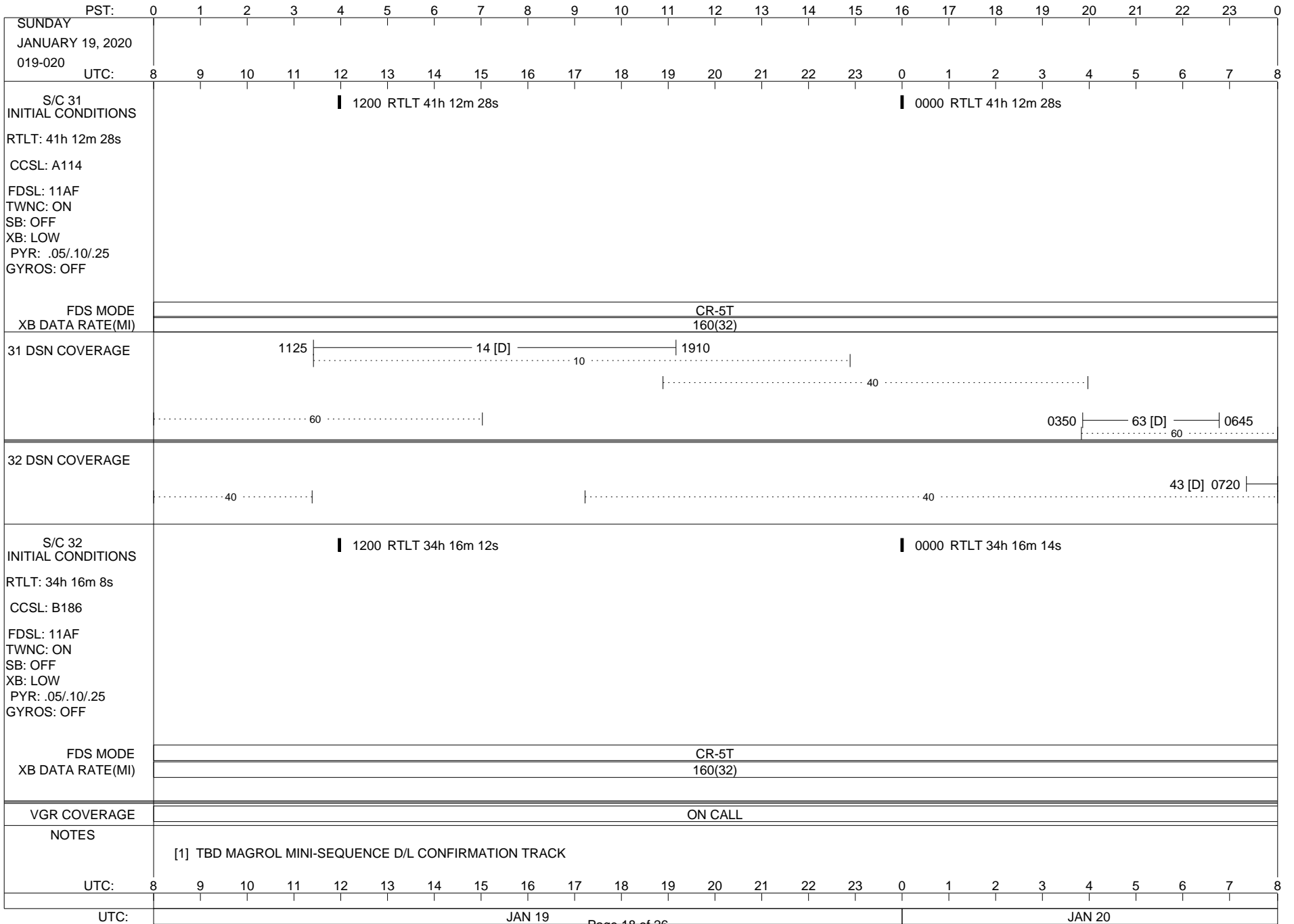


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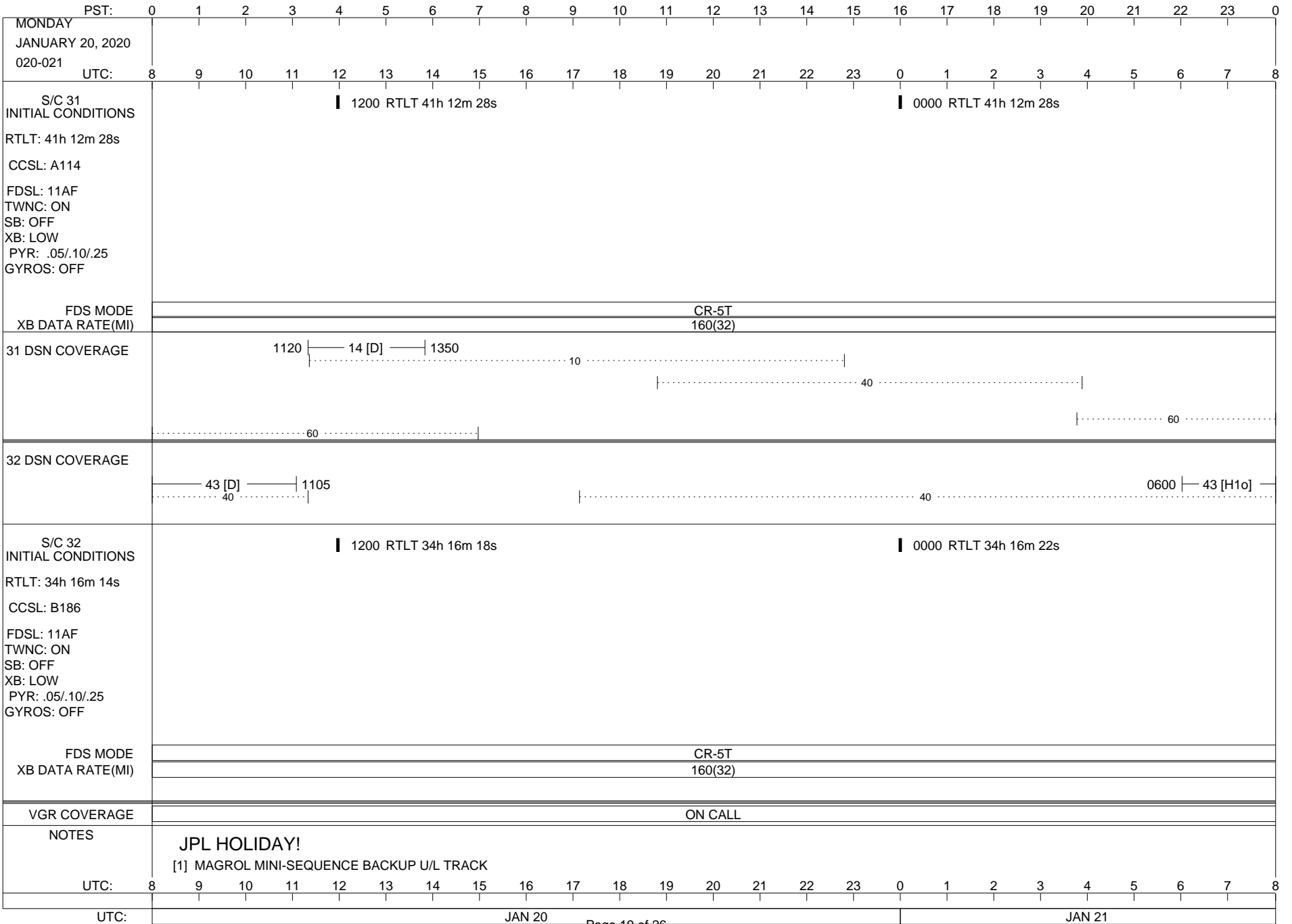


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SATURDAY JANUARY 18, 2020 018-019																													
UTC:		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS RTLT: 41h 12m 28s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 41h 12m 28s														0000 RTLT 41h 12m 28s													
FDS MODE XB DATA RATE(MI)																CR-5T 160(32)													
31 DSN COVERAGE																													
32 DSN COVERAGE																													
S/C 32 INITIAL CONDITIONS RTLT: 34h 16m 2s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 34h 16m 4s														0000 RTLT 34h 16m 8s													
FDS MODE XB DATA RATE(MI)																CR-5T 160(32)													
VGR COVERAGE		ON CALL														VGR				ON CALL									
NOTES		[1] HP DRV ON >= 18:40																											
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:		JAN 18														JAN 19													

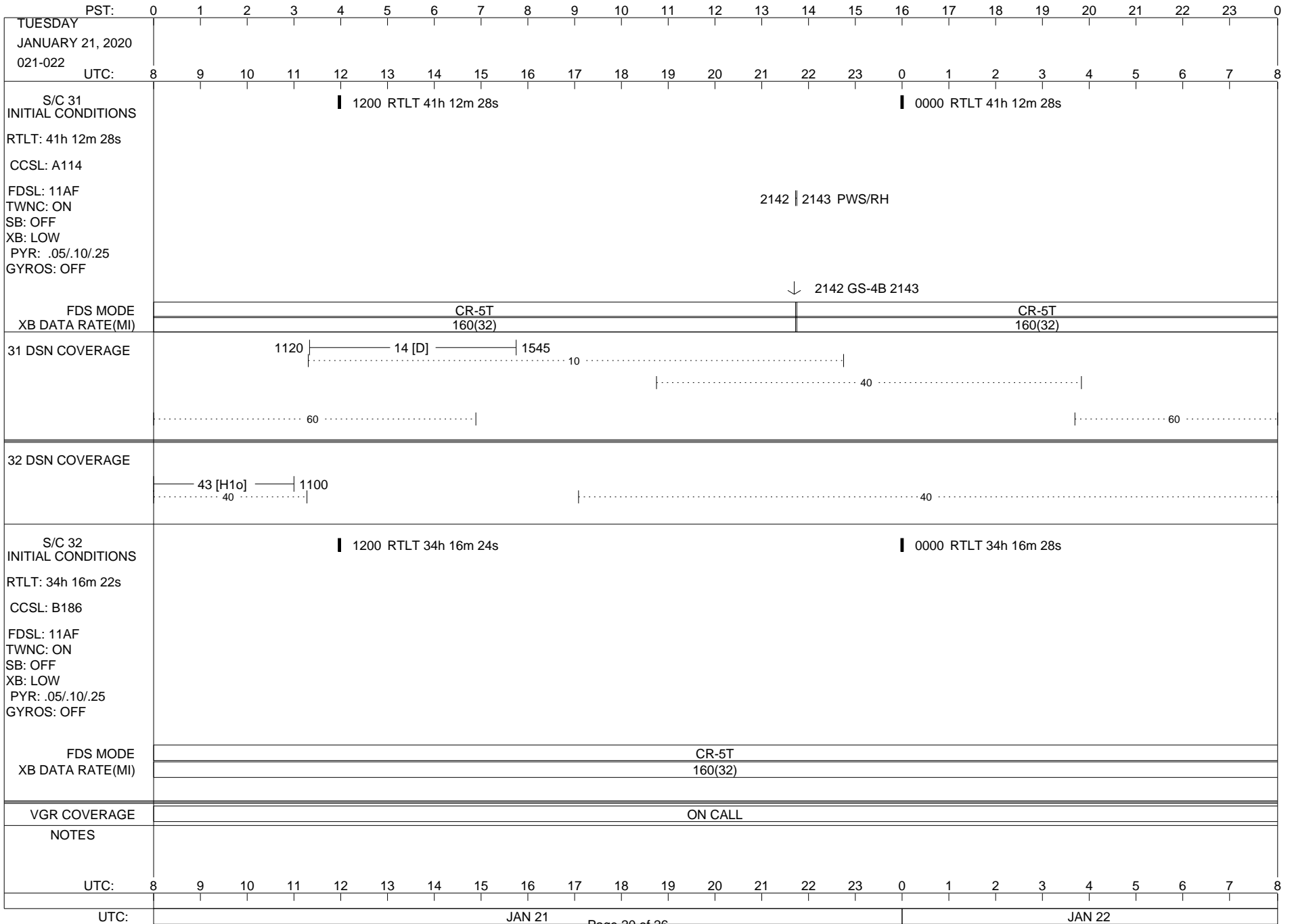
ISSUE DATE: 01/08/20 08:49



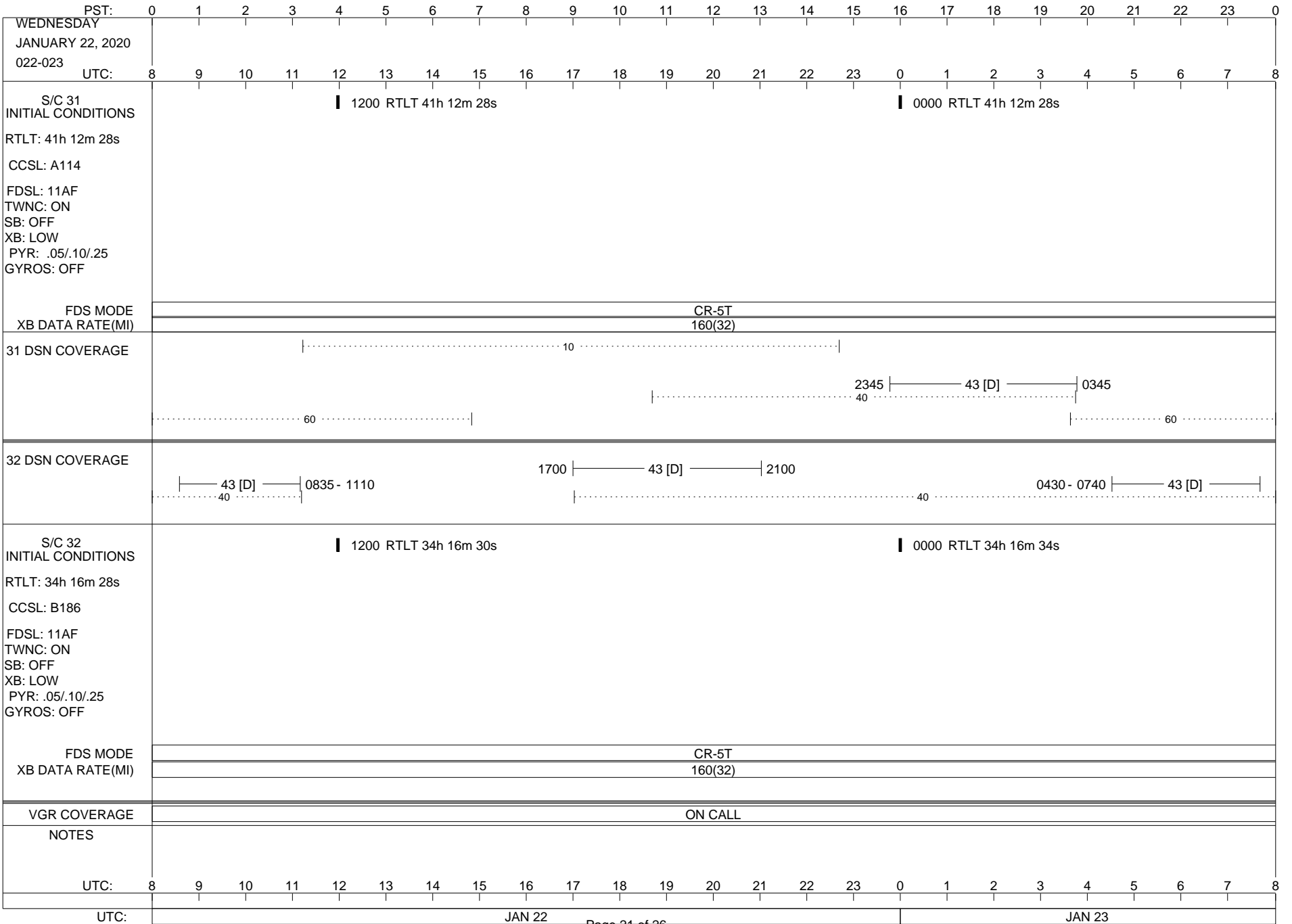
ISSUE DATE: 01/08/20 08:49



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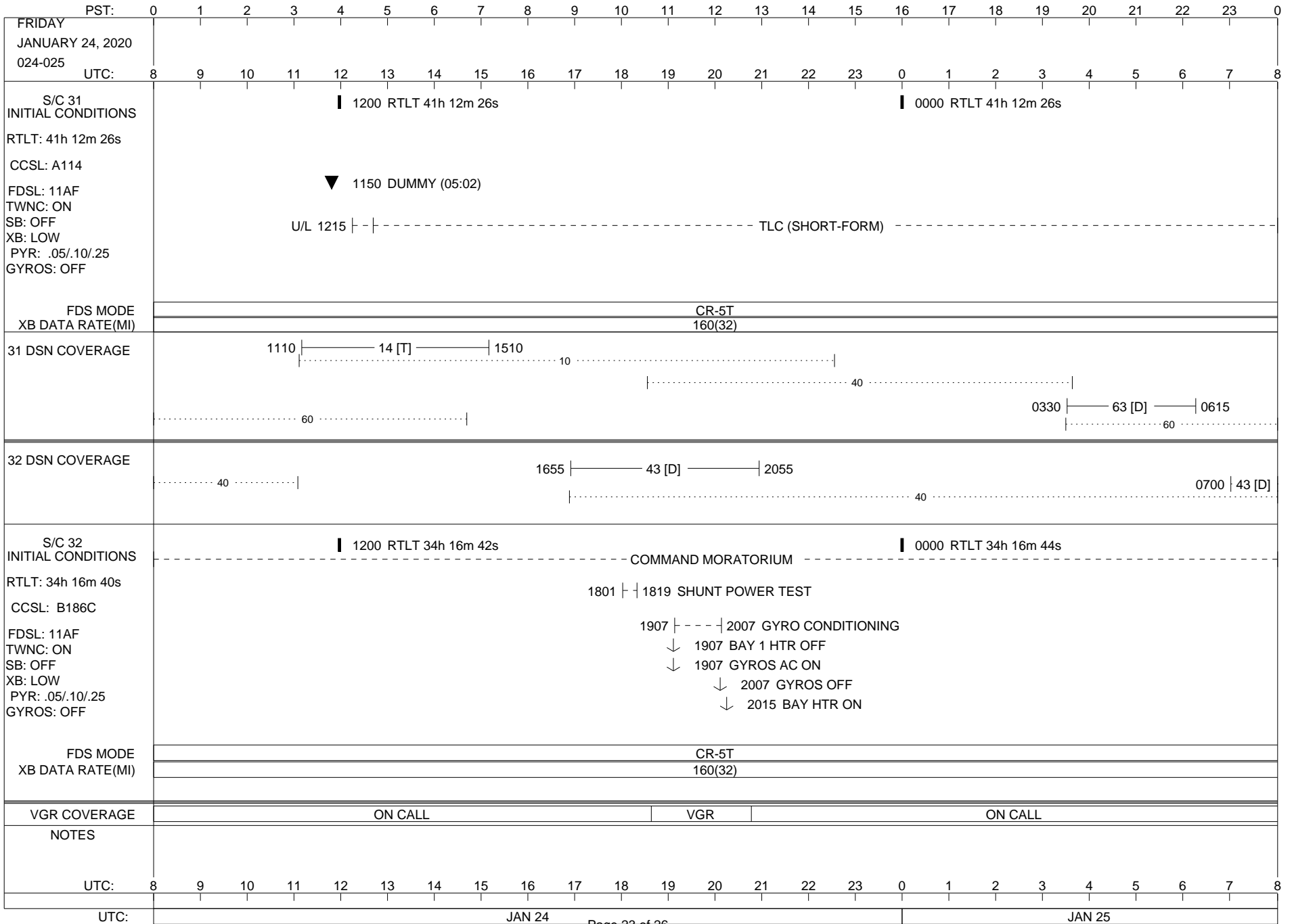


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ISSUE DATE: 01/08/20 08:49

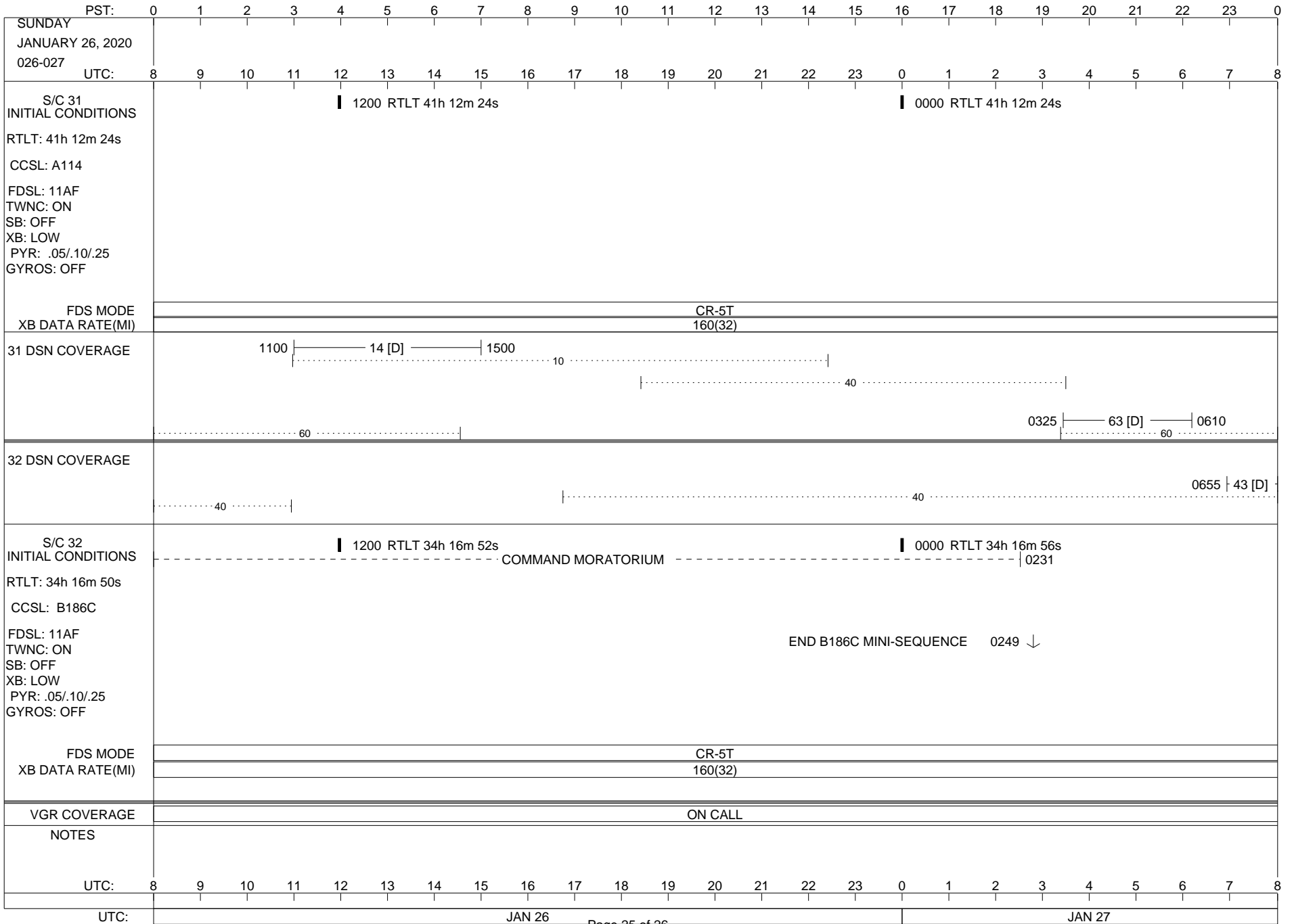
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THURSDAY JANUARY 23, 2020 023-024																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 41h 12m 28s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF					█ 1200												█ 0000								
																			0053	- -	-	0133	TAPPOS		
																					0355	█	0356	PWS/RH	
																					0407	- -	-	0433	TAPPOS
FDS MODE																									
XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 34h 16m 34s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF																									
FDS MODE																									
XB DATA RATE(MI)																									
VGR COVERAGE																									
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:																									



ISSUE DATE: 01/08/20 08:49

PST:	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
SATURDAY JANUARY 25, 2020 025-026																									
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 RTLTL: 41h 12m 26s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 41h 12m 26s												0000 RTLTL 41h 12m 24s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1105 14 [D] 1345												0325 63 [D] 0615												
32 DSN COVERAGE	43 [D] 1100												2340-0715 43 [DA1] 0400												
S/C 32 INITIAL CONDITIONS RTLTL: 34h 16m 44s CCSL: B186C FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 34h 16m 48s												0000 RTLTL 34h 16m 50s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												VGR												
NOTES	<p>----- COMMAND MORATORIUM -----</p> <p>BAY 1 HTR OFF 0105↓ GYROS BC ON 0105↓ GYRO INIT 0105↓ GYRO FAULT TEST 0115↓ WGY MRO 0131 0131 AAI 0135↓ 1-REV MAGROL 0138 0212 RAI 0218↓ GYROS OFF 0223↓ BAY 1 HTR ON 0231↓ 0107 EL-40 0109 ↓</p> <p>----- CCSB CLEANUP #2 ----- ECR 206632 CCS FULMRO - </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:	JAN 25												JAN 26												

ISSUE DATE: 01/08/20 08:49



ISSUE DATE: 01/08/20 08:49

