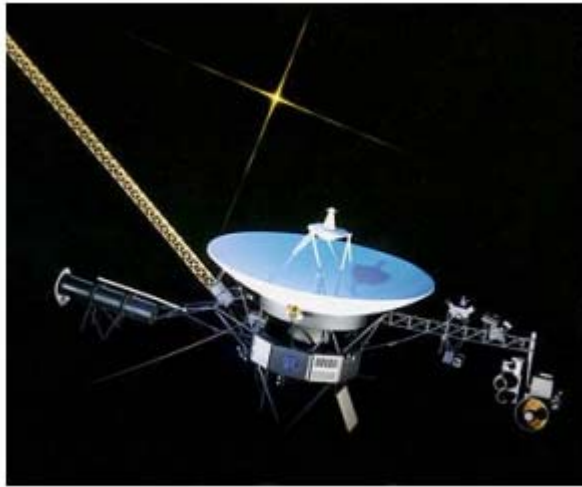


# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: January 12, 2021

For the Period: 01/14/21 to 02/01/21 (21/014 – 21/032)



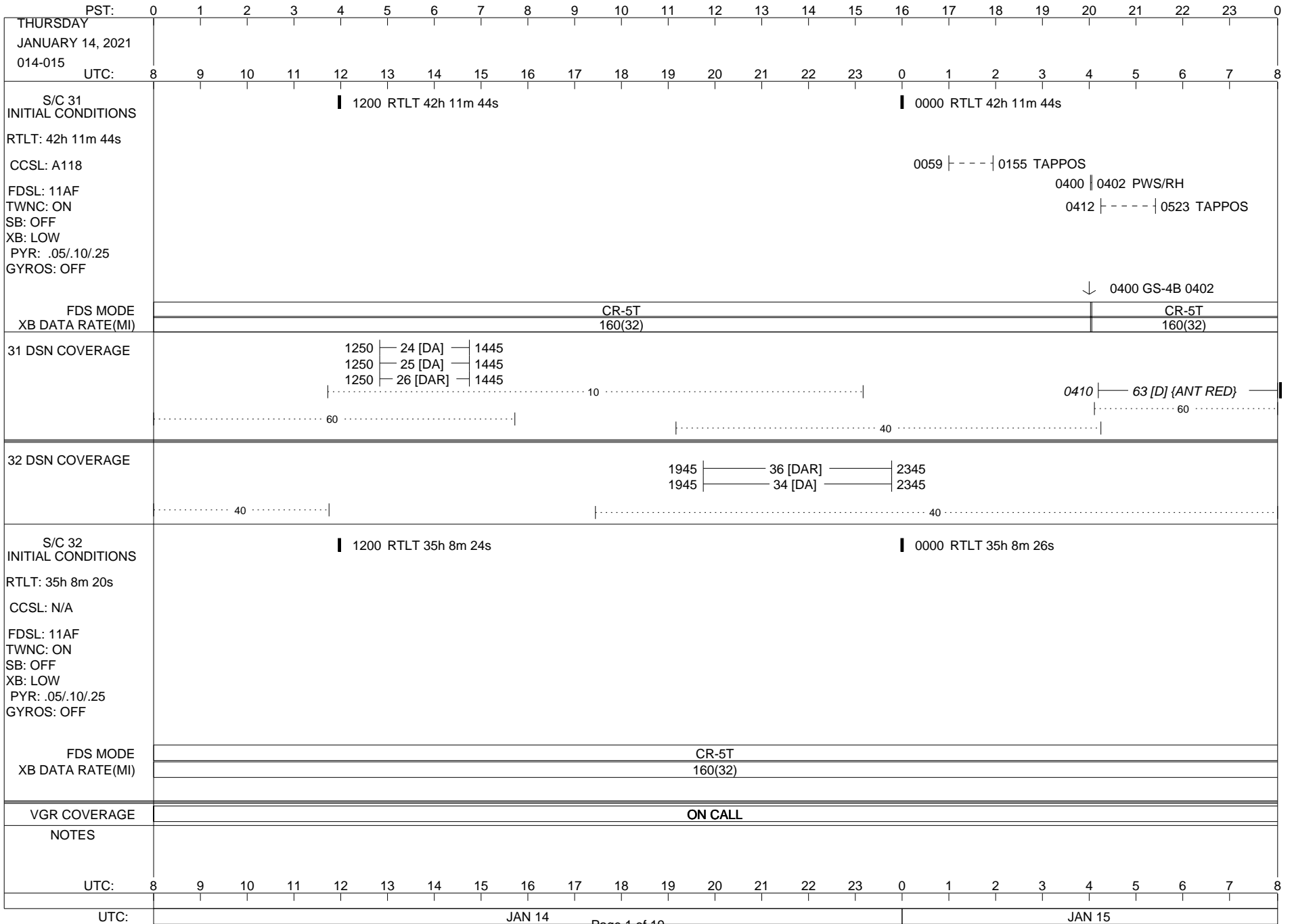
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

**LEGEND:**

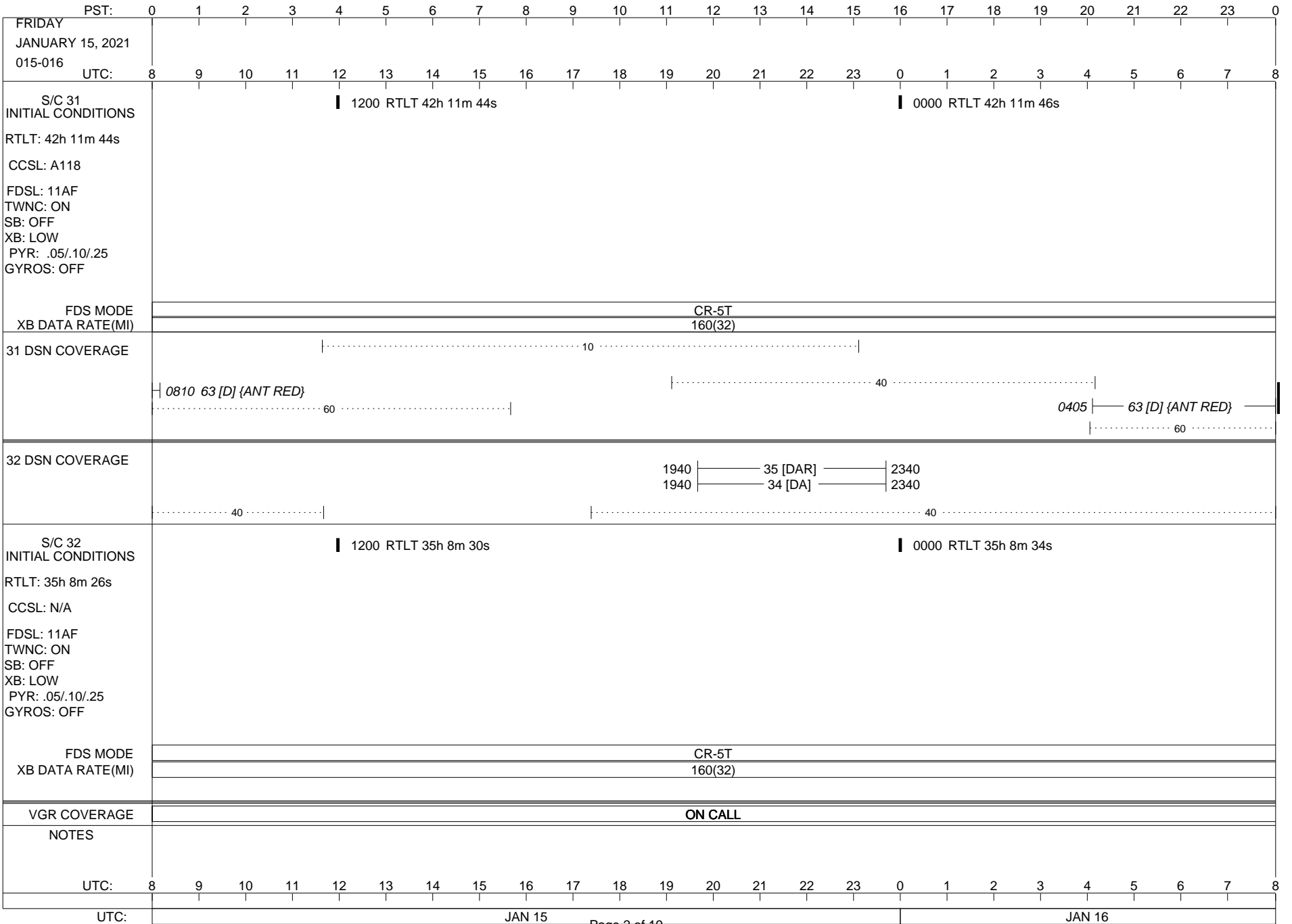
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- \* = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
-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

02/27/19

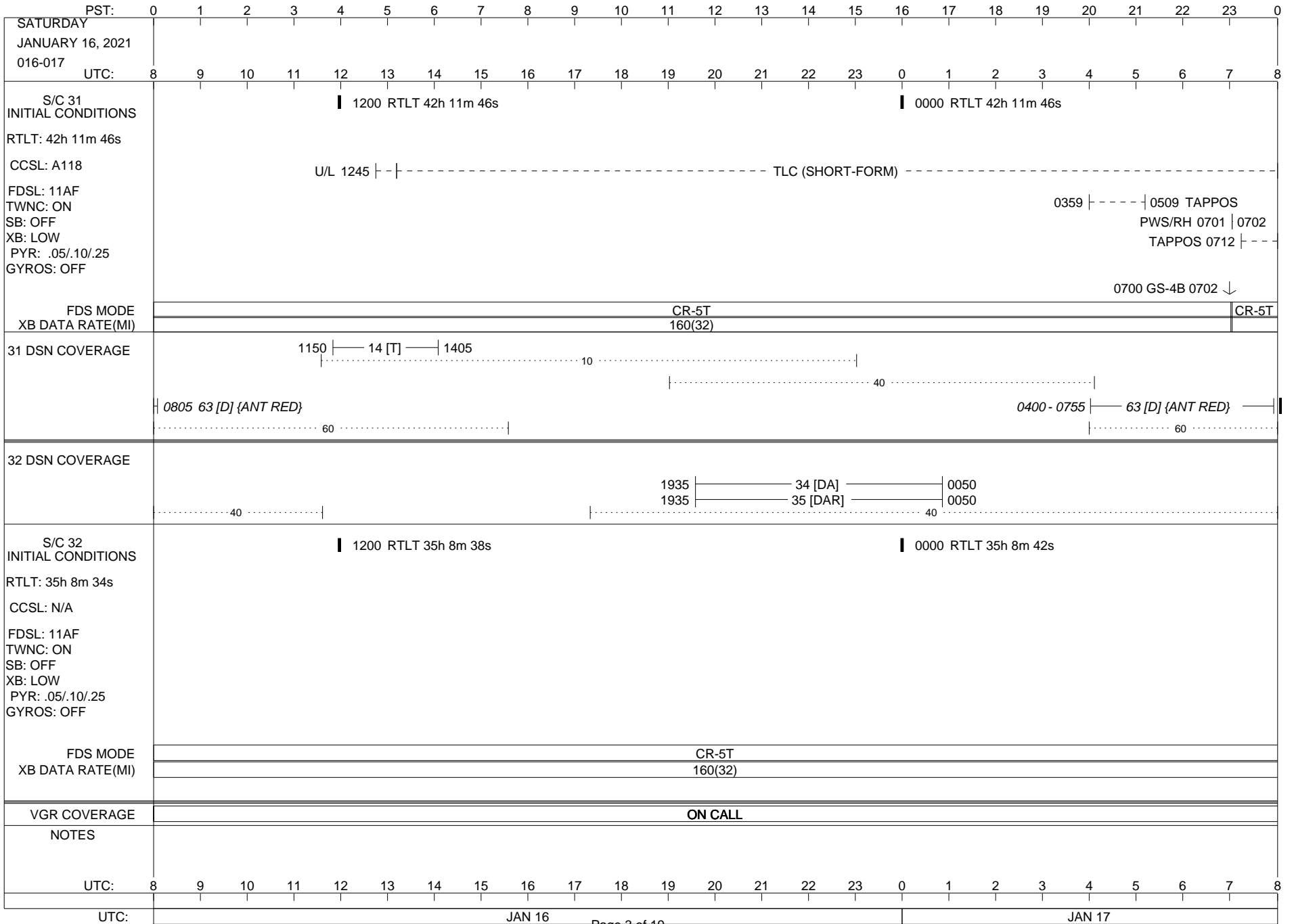
ISSUE DATE: 01/20/21 11:18



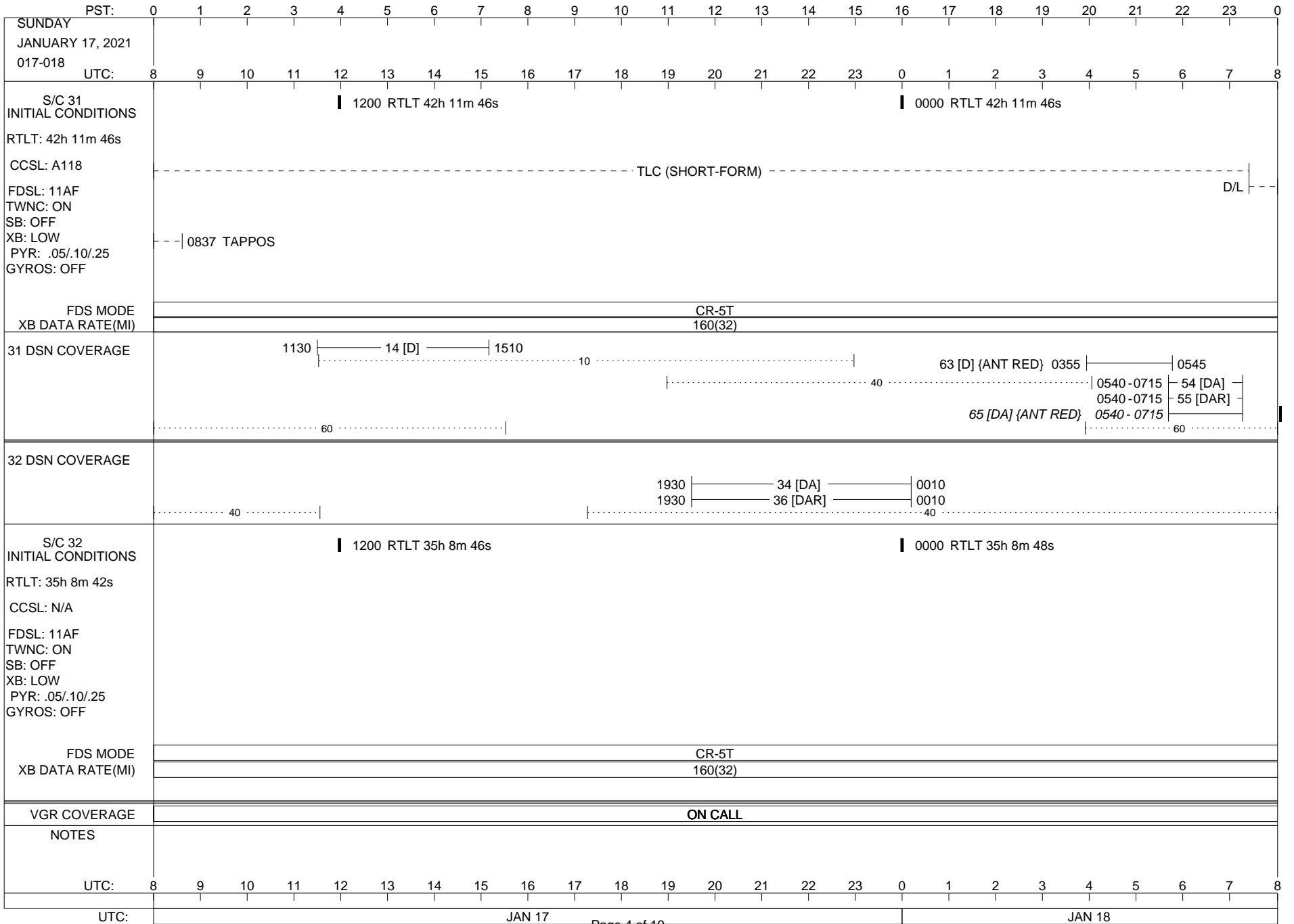
ISSUE DATE: 01/20/21 11:18



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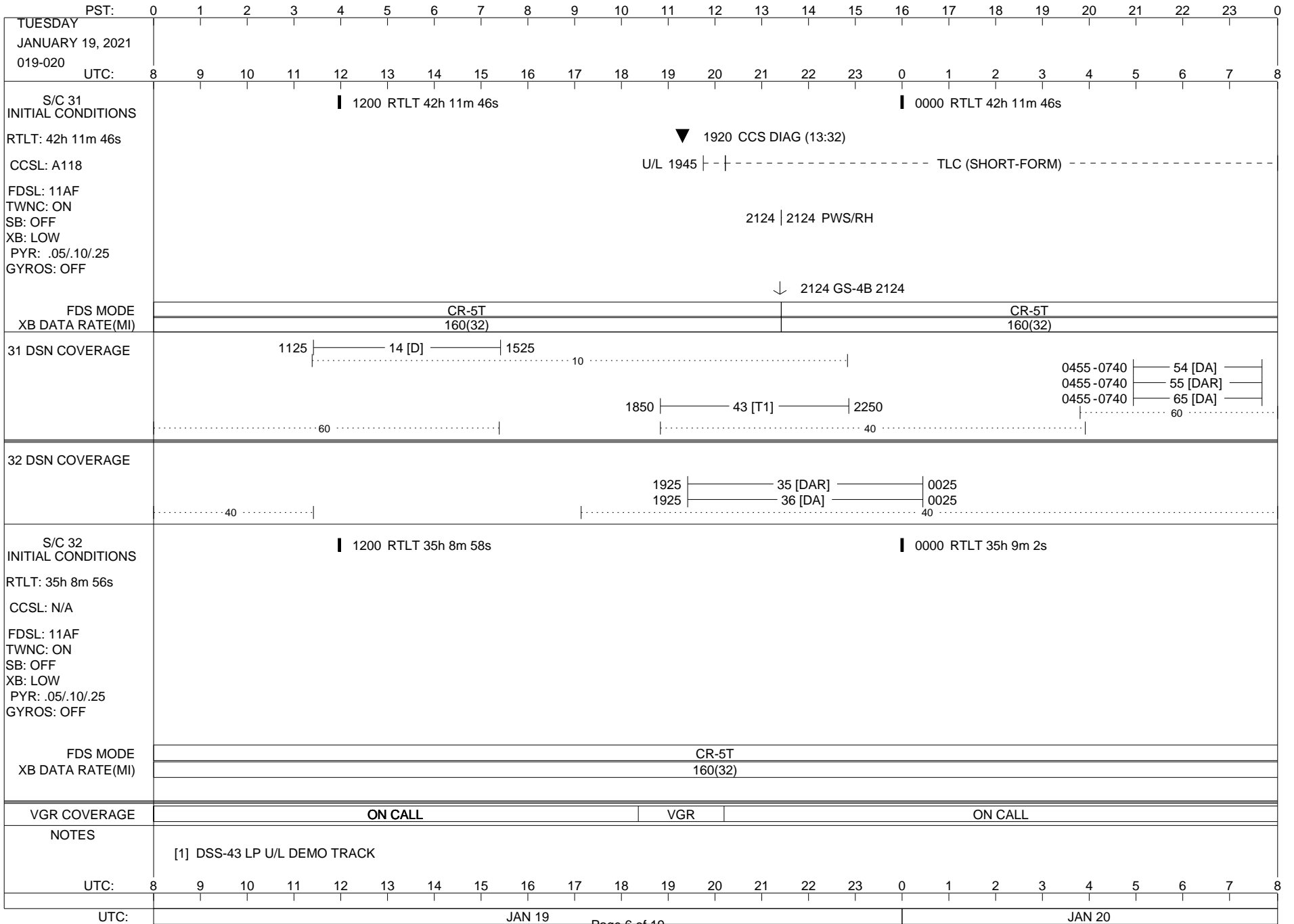
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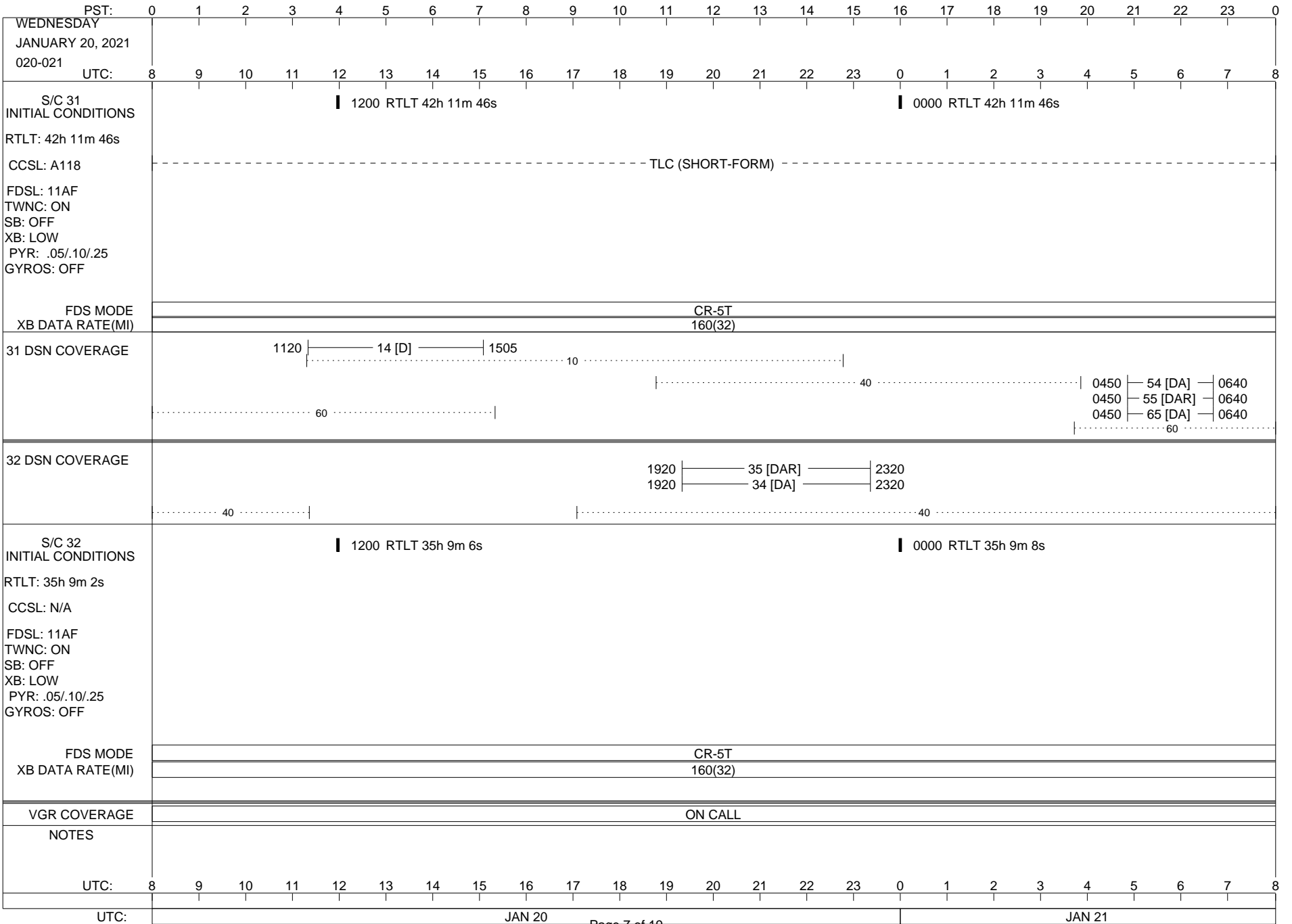
ISSUE DATE: 01/20/21 11:18

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	
MONDAY JANUARY 18, 2021 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 RTLTL: 42h 11m 46s CCSL: A118 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 42h 11m 46s</p> <p>0000 RTLT 42h 11m 46s</p> <p>0825 D/L</p>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
31 DSN COVERAGE	<p>1130  ----- 14 [D] -----  1520</p> <p>..... ----- 40 ----- </p> <p>..... ----- 60 ----- </p> <p>0500   54 [DA]   0640</p> <p>0500   55 [DAR]   0640</p> <p>0500   65 [DA]   0640</p>
32 DSN COVERAGE	<p>1925  ----- 36 [DA] -----  2325</p> <p>1925  ----- 35 [DAR] -----  2325</p> <p>..... ----- 40 ----- </p>
S/C 32 INITIAL CONDITIONS RTLTL: 35h 8m 48s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 35h 8m 52s</p> <p>0000 RTLT 35h 8m 56s</p>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
VGR COVERAGE	ON CALL
NOTES	JPL HOLIDAY!
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   Page 5 of 19   JAN 19

ISSUE DATE: 01/20/21 11:18

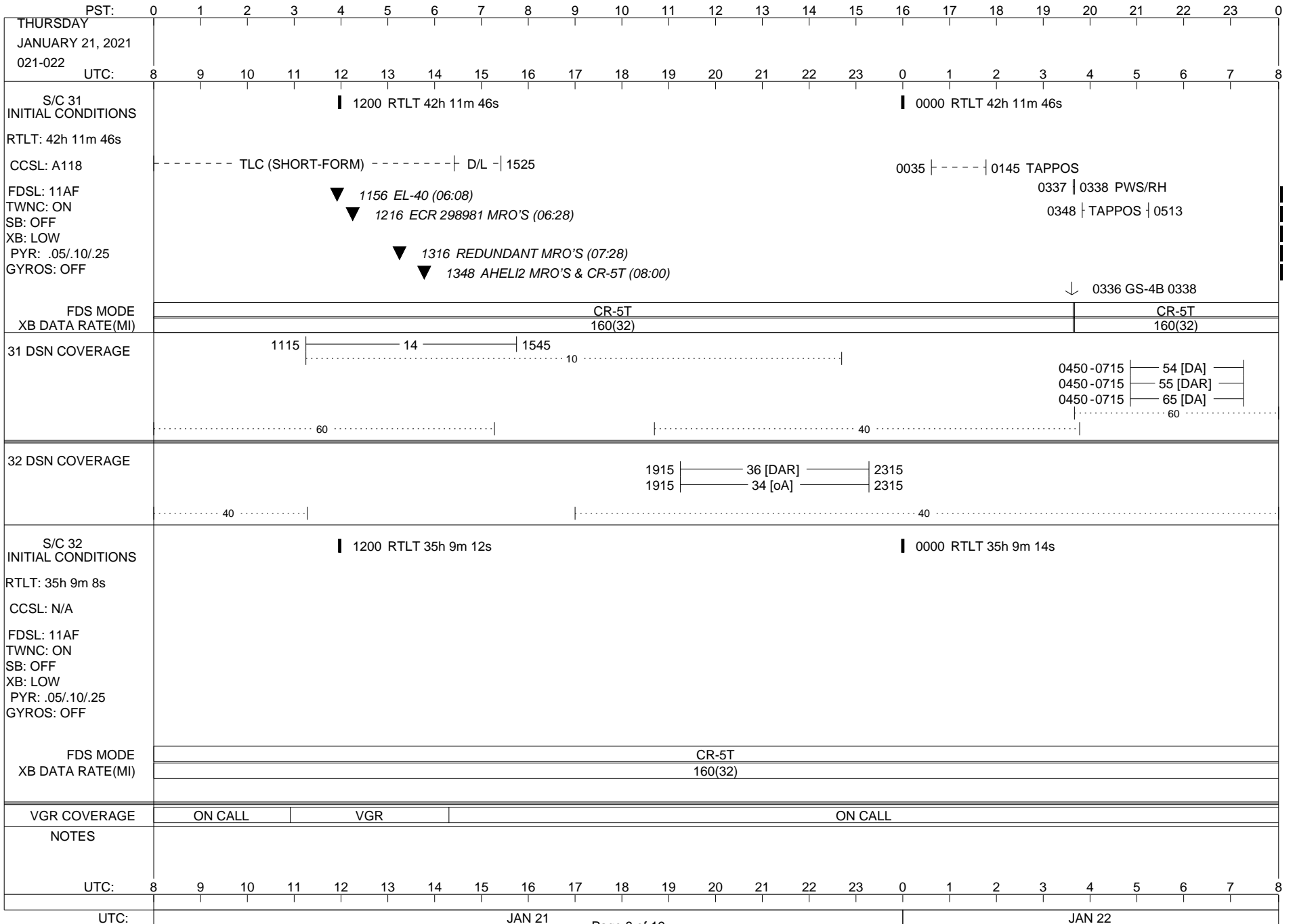


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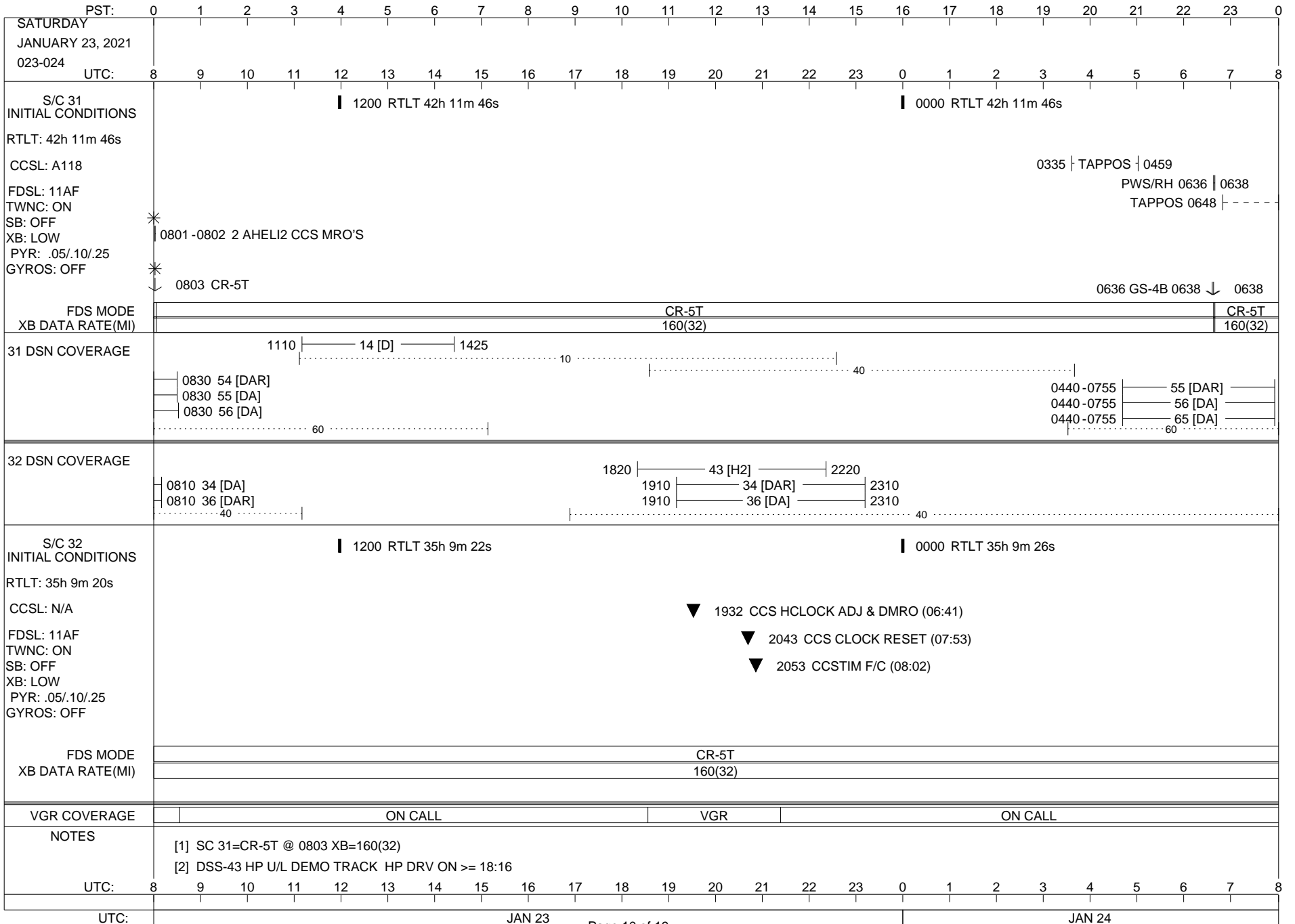
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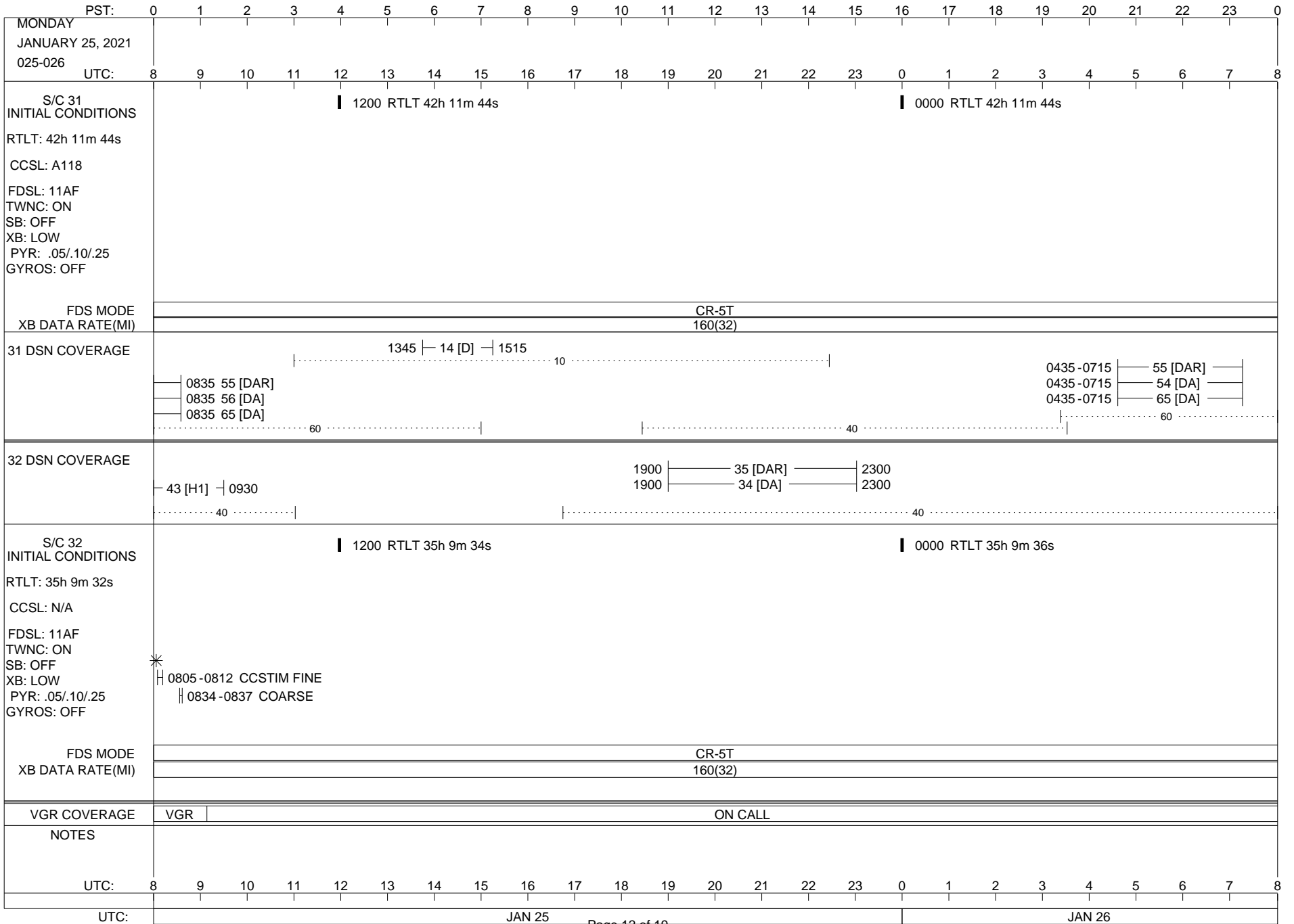
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FRIDAY JANUARY 22, 2021 022-023																													
UTC:		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS		1200 RTLT 42h 11m 46s														0000 RTLT 42h 11m 46s													
RTLT: 42h 11m 46s																								ECR 298981 CCS MRO'S 0628   0644 *					
CCSL: A118																								SEQ START FLAG MRO 0701 ↓ *					
FDSL: 11AF																								REDUNDANT CCS MRO'S 0728-0744   ↓ *					
TWNC: ON																								EL-40 0608 ↓ *					
SB: OFF																													
XB: LOW																													
PYR: .05/.10/.25																													
GYROS: OFF																													
FDS MODE		CR-5T														EL-40													
XB DATA RATE(MI)		160(32)														40(30)													
31 DSN COVERAGE		1115  ----- 14 [D] -----  1515														0445  ----- 54 [DAR] -----													
		----- 60 -----														0445  ----- 55 [DAR] -----													
																0445  ----- 56 [DAR] -----													
																----- 60 -----													
32 DSN COVERAGE		1910  ----- 36 [DA] -----  2310														34 [DA] 0710  -----													
		1910  ----- 35 [DAR] -----  2310														36 [DAR] 0710  -----													
		----- 40 -----														----- 40 -----													
S/C 32 INITIAL CONDITIONS		1200 RTLT 35h 9m 18s														0000 RTLT 35h 9m 20s													
RTLT: 35h 9m 14s																													
CCSL: N/A																													
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														VGR													
NOTES		[1] S/C 31=EL-40 @ 0608 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 22														JAN 23													

ISSUE DATE: 01/20/21 11:18

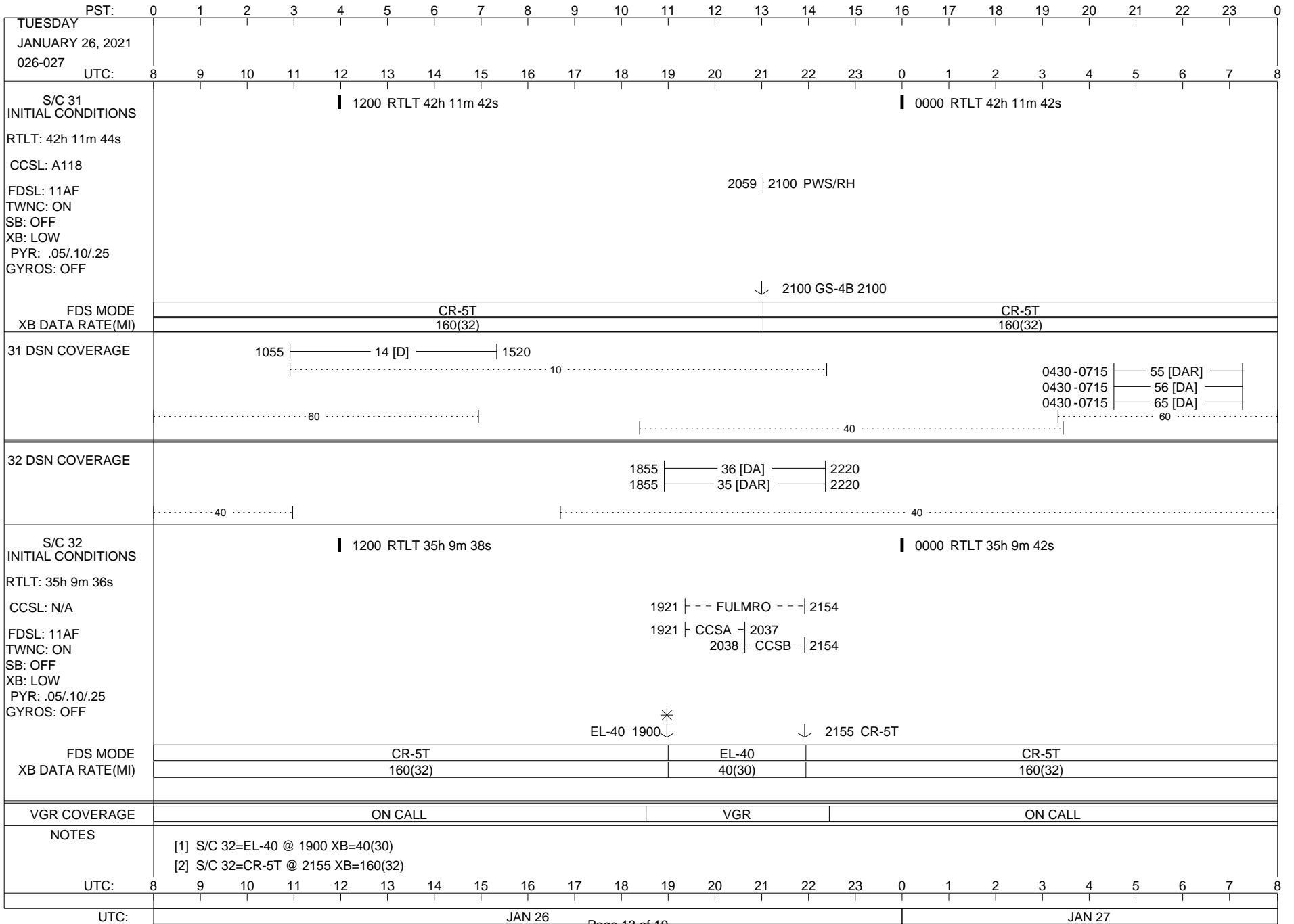


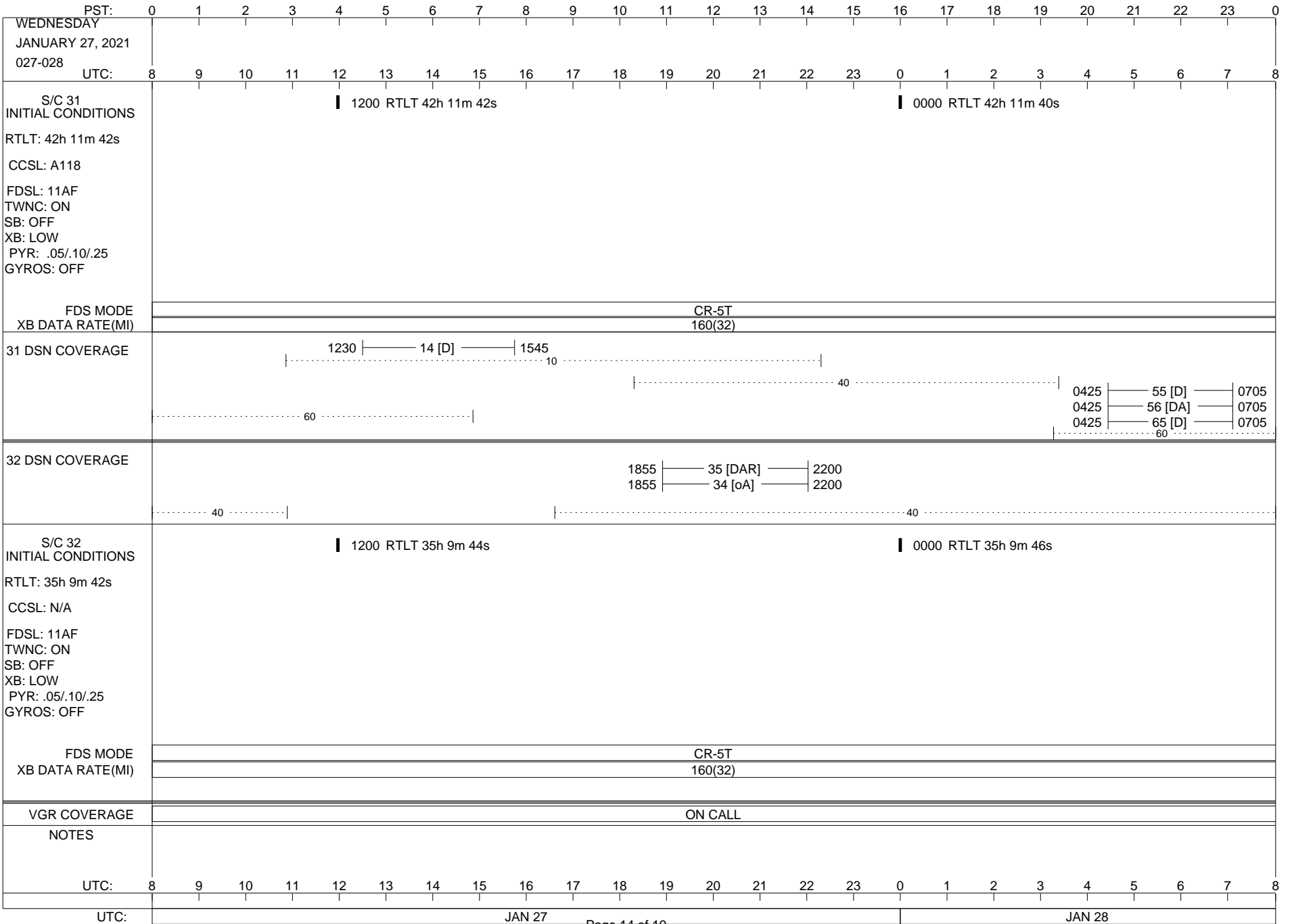
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SUNDAY JANUARY 24, 2021 024-025	UTC: 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLTL: 42h 11m 46s CCSL: A118 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 42h 11m 44s												0000 RTLTL 42h 11m 44s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	1105  ----- 14 [D] -----  1505												10 ..... ----- 40 .....  0435  ----- 55 [DAR] -----  0435  ----- 56 [DA] -----  0435  ----- 65 [DA] -----  60 ..... ----- 60 .....												
32 DSN COVERAGE	1905  ----- 36 [DA] -----  2330 1905  ----- 34 [DAR] -----  2330												0550  ----- 43 [H1] -----  40 ..... ----- 40 .....												
S/C 32 INITIAL CONDITIONS RTLTL: 35h 9m 26s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 35h 9m 28s												0000 RTLTL 35h 9m 32s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												HCLOCK ADJ 0641 ↓ * & DMRO 0643  ----- 0705 -----  CCS FULMRO (18:59) 0750 ▼ * CCS CLOCK RESET 0755 ↓ *												
VGR COVERAGE	ON CALL																						VGR		
NOTES	[1] DSS-43 HP U/L DEMO Track HP DRV Off <= 09:37																								
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 24												JAN 25												

ISSUE DATE: 01/20/21 11:18

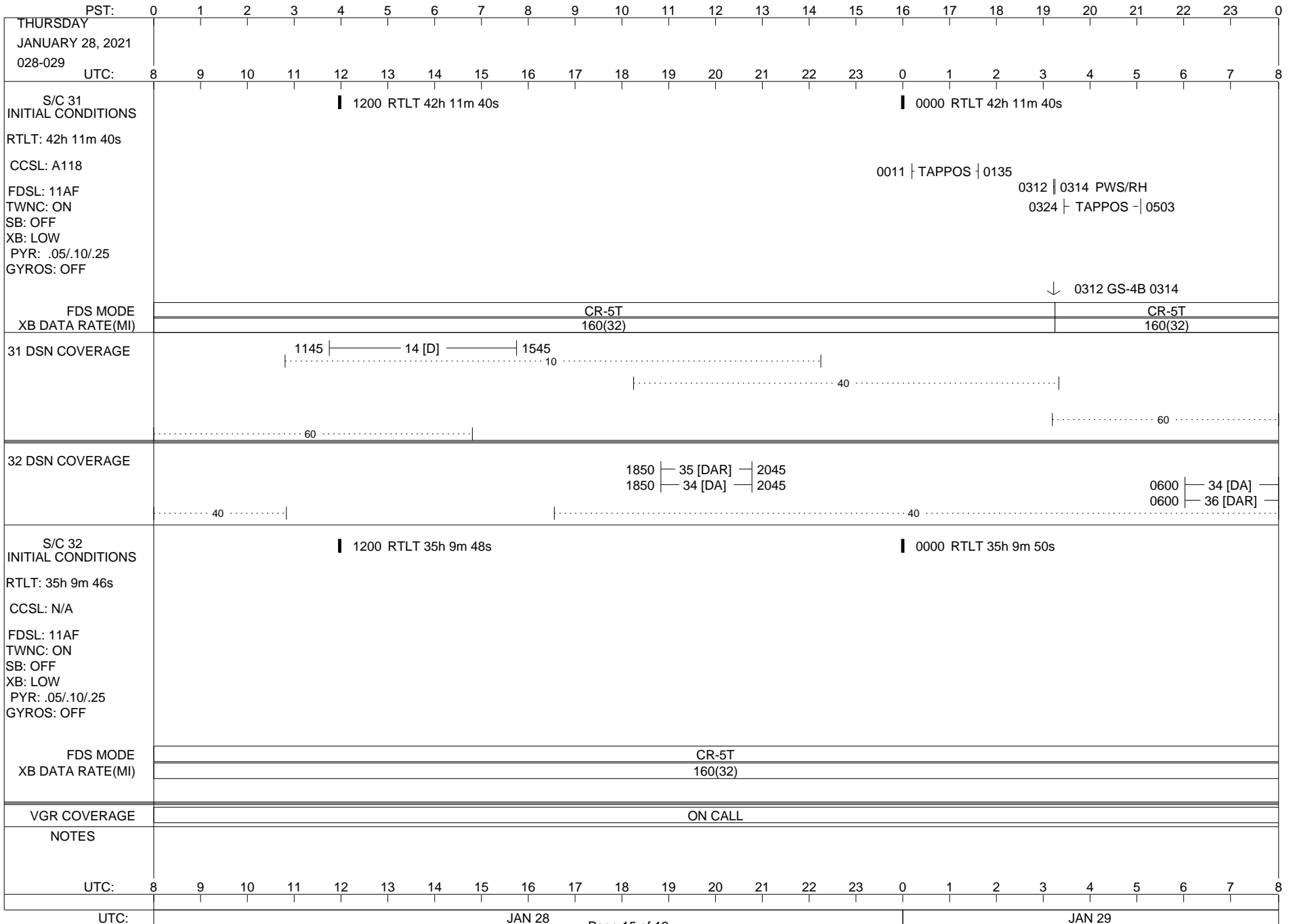


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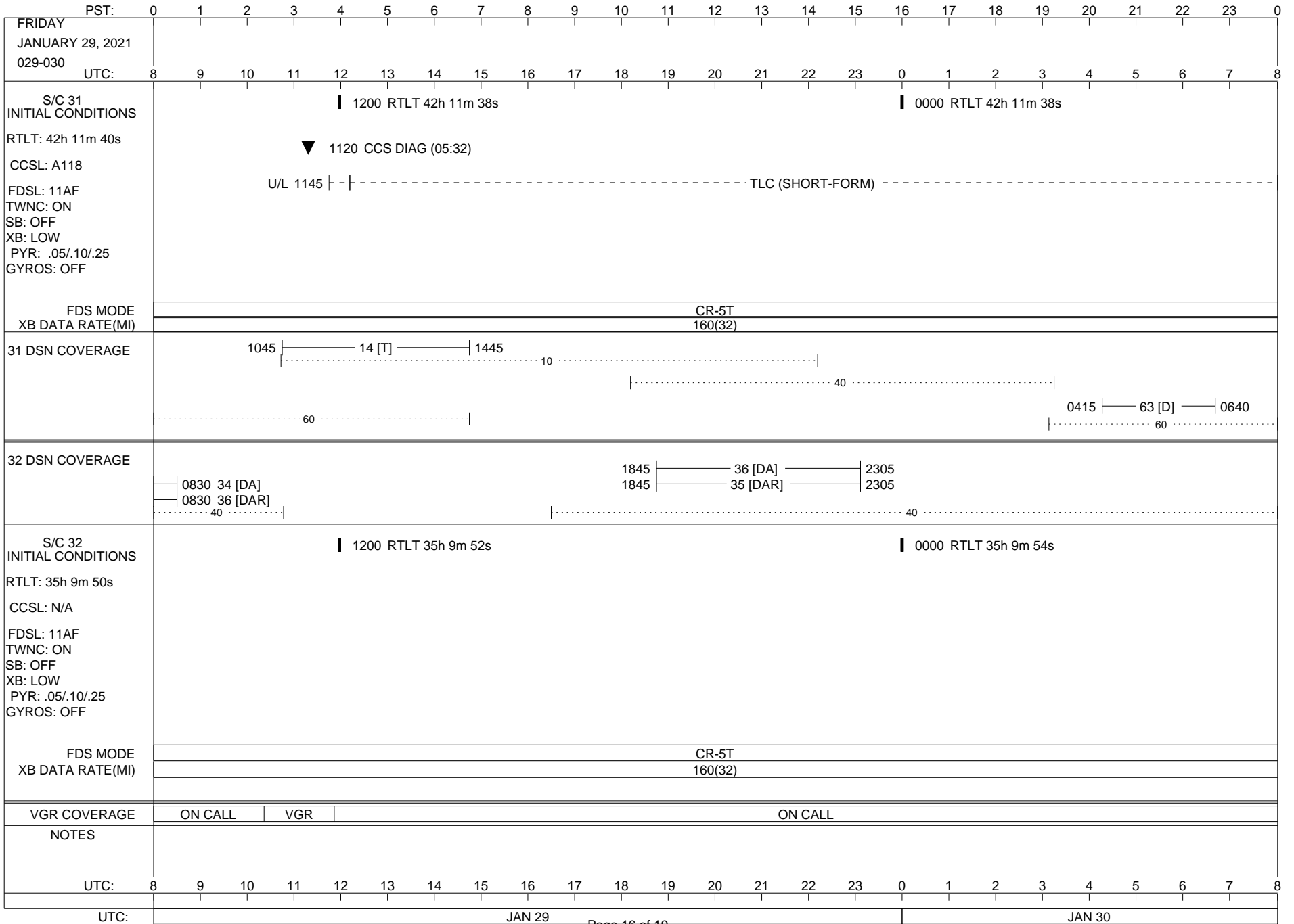


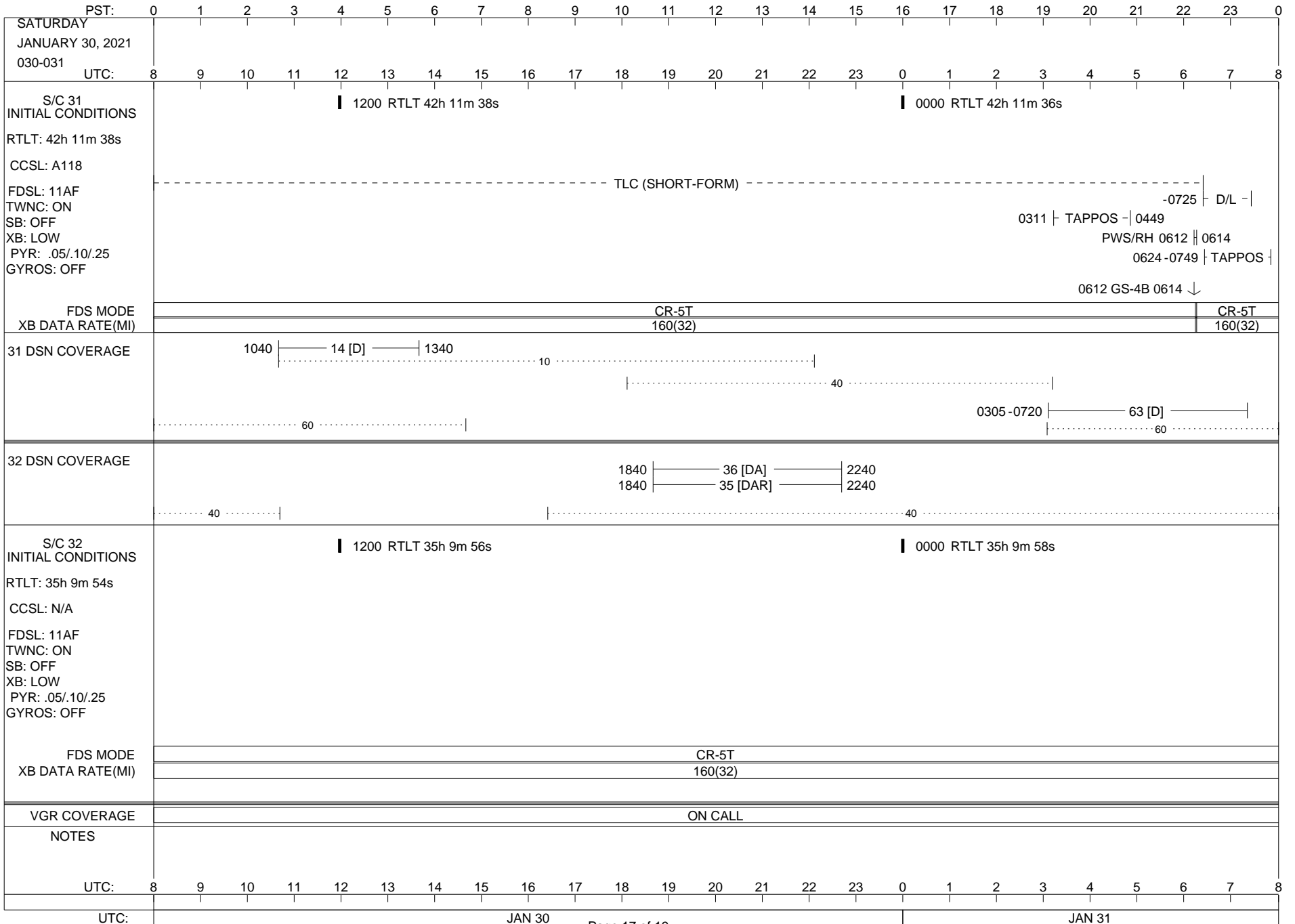


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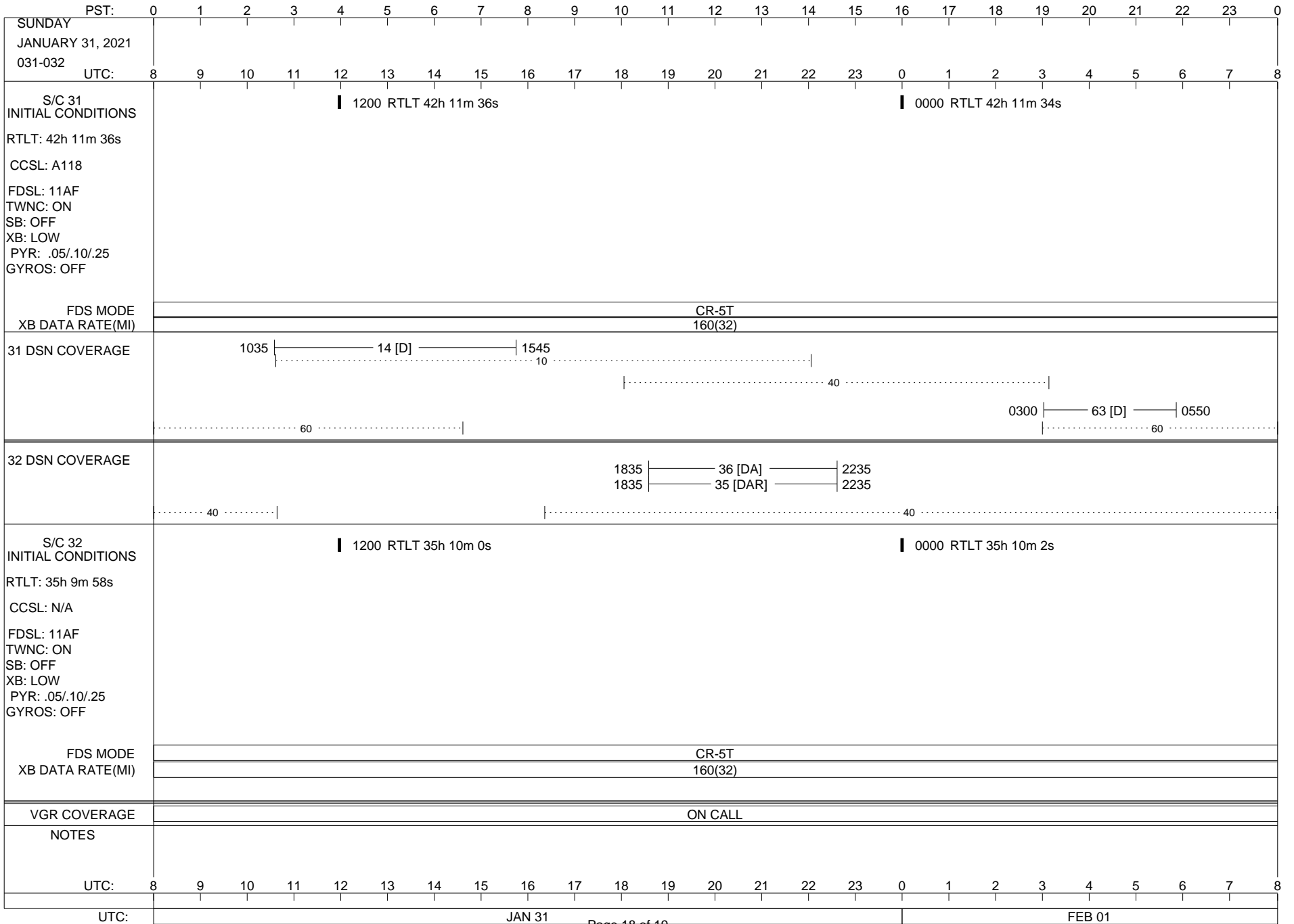








ISSUE DATE: 01/20/21 11:18



ISSUE DATE: 01/20/21 11:18

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

MONDAY  
FEBRUARY 1, 2021  
032-033  
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: 42h 11m 34s  
CCSL: A118  
FDSL: 11AF  
TWNC: ON  
SB: OFF  
XB: LOW  
PYR: .05/10/.25  
GYROS: OFF

1200 RTLT 42h 11m 34s 0000 RTLT 42h 11m 32s

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

31 DSN COVERAGE  
1135 24 [DA] 1300  
1135 25 [DAR] 1300  
1135 26 [DA] 1300  
0405 55 [DAR] 0545  
0405 56 [DA] 0545  
0405 65 [DA] 0545  
60 40 60

32 DSN COVERAGE  
1835 34 [DA] 2235  
1835 35 [DAR] 2235  
40 40

S/C 32  
INITIAL CONDITIONS  
RTLT: 35h 10m 2s  
CCSL: N/A  
FDSL: 11AF  
TWNC: ON  
SB: OFF  
XB: LOW  
PYR: .05/10/.25  
GYROS: OFF

1200 RTLT 35h 10m 4s 0000 RTLT 35h 10m 6s

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: FEB 01 FEB 02