

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: January 12, 2021

For the Period: 01/14/21 to 02/01/21 (20/014 – 21/032)



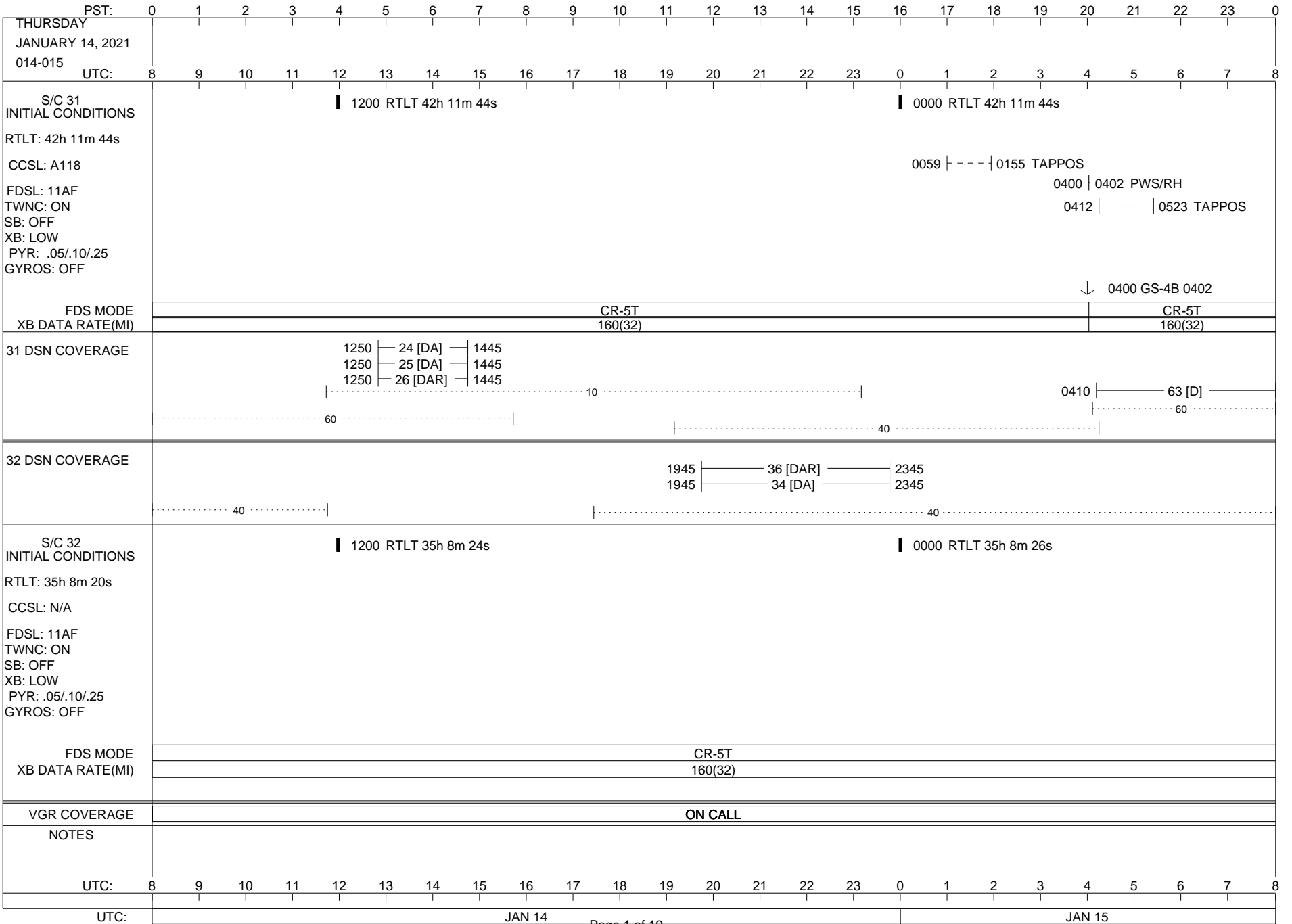
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

**LEGEND:**

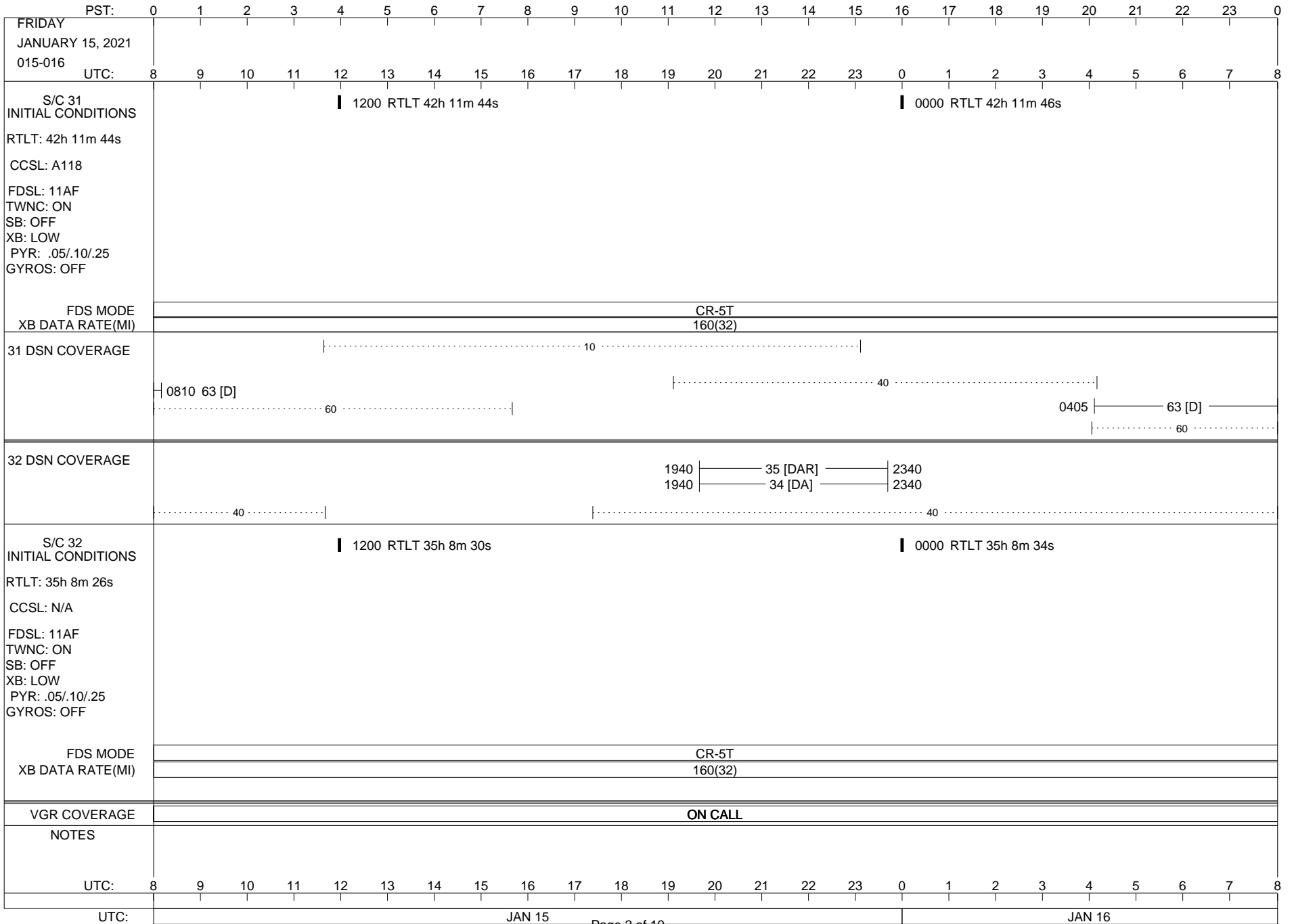
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- \* = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
-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

02/27/19

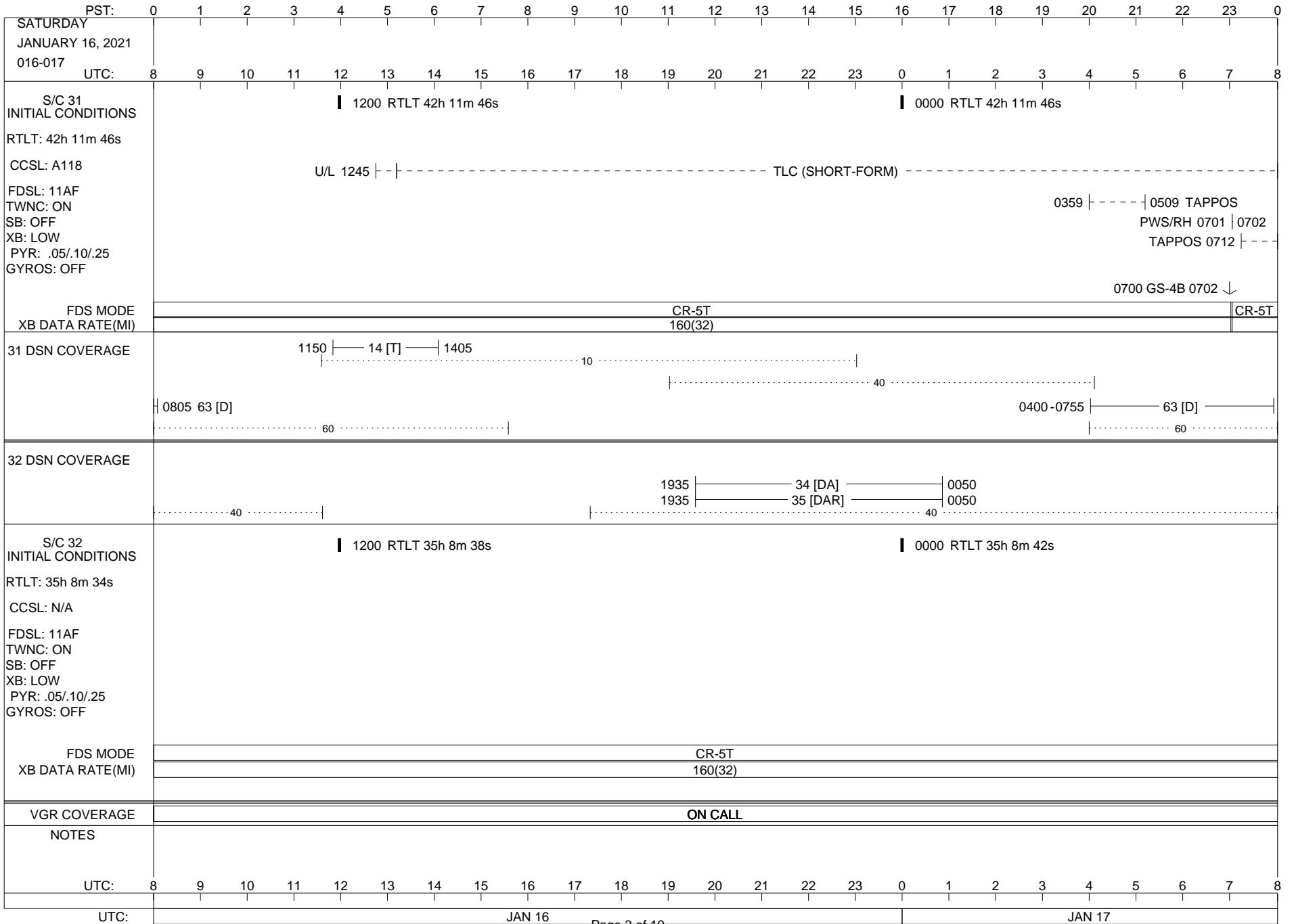
ISSUE DATE: 01/12/21 13:45



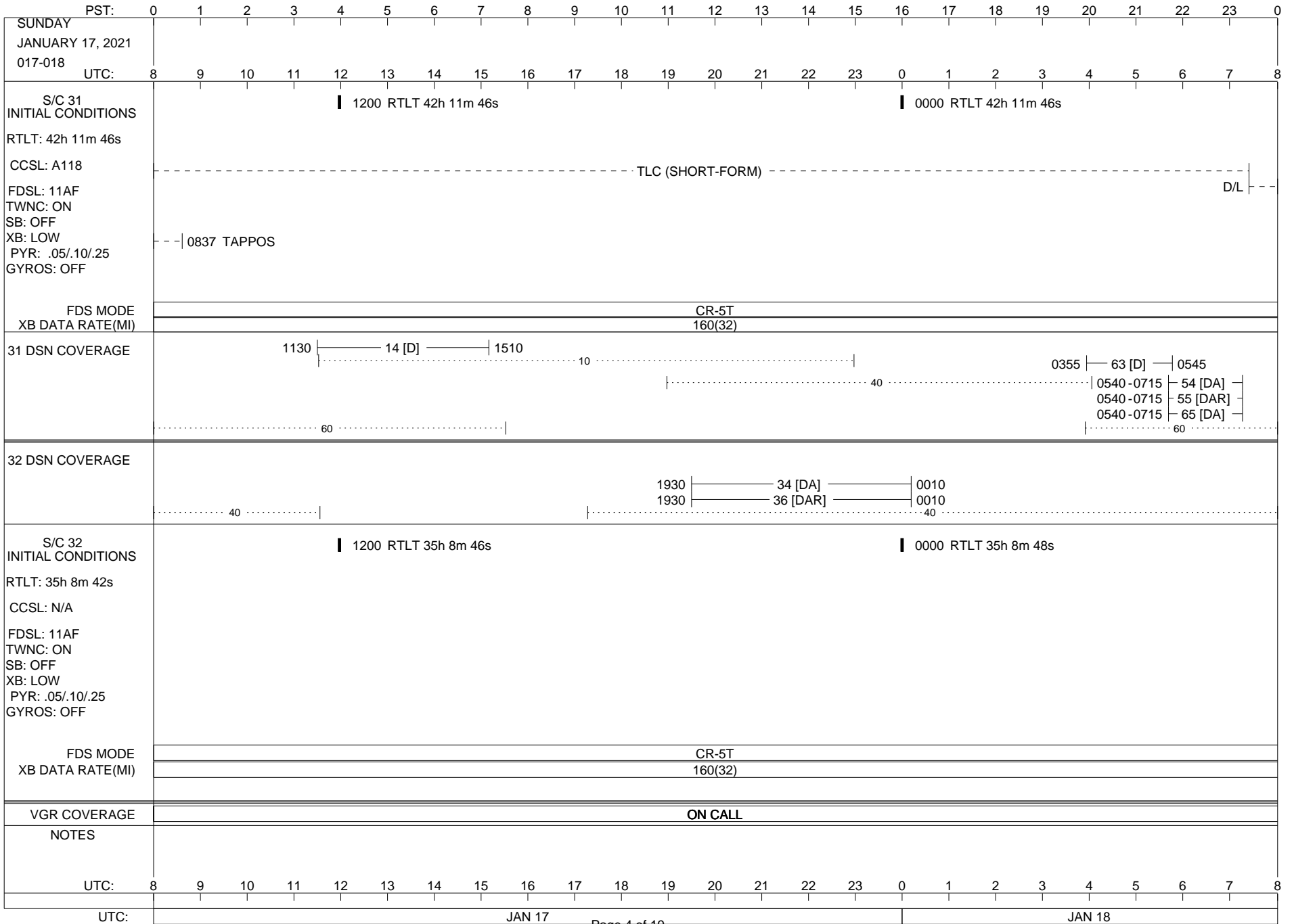
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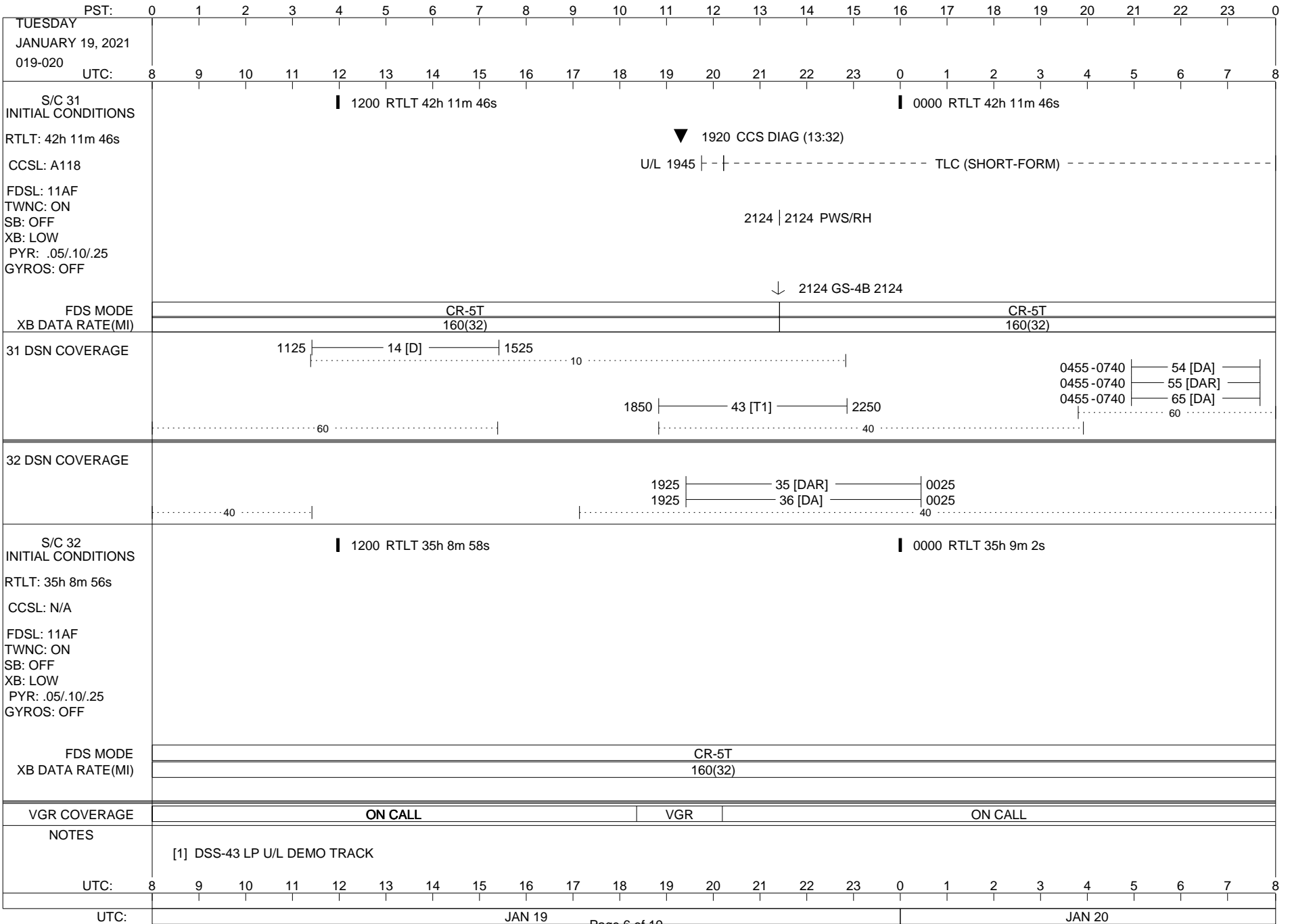
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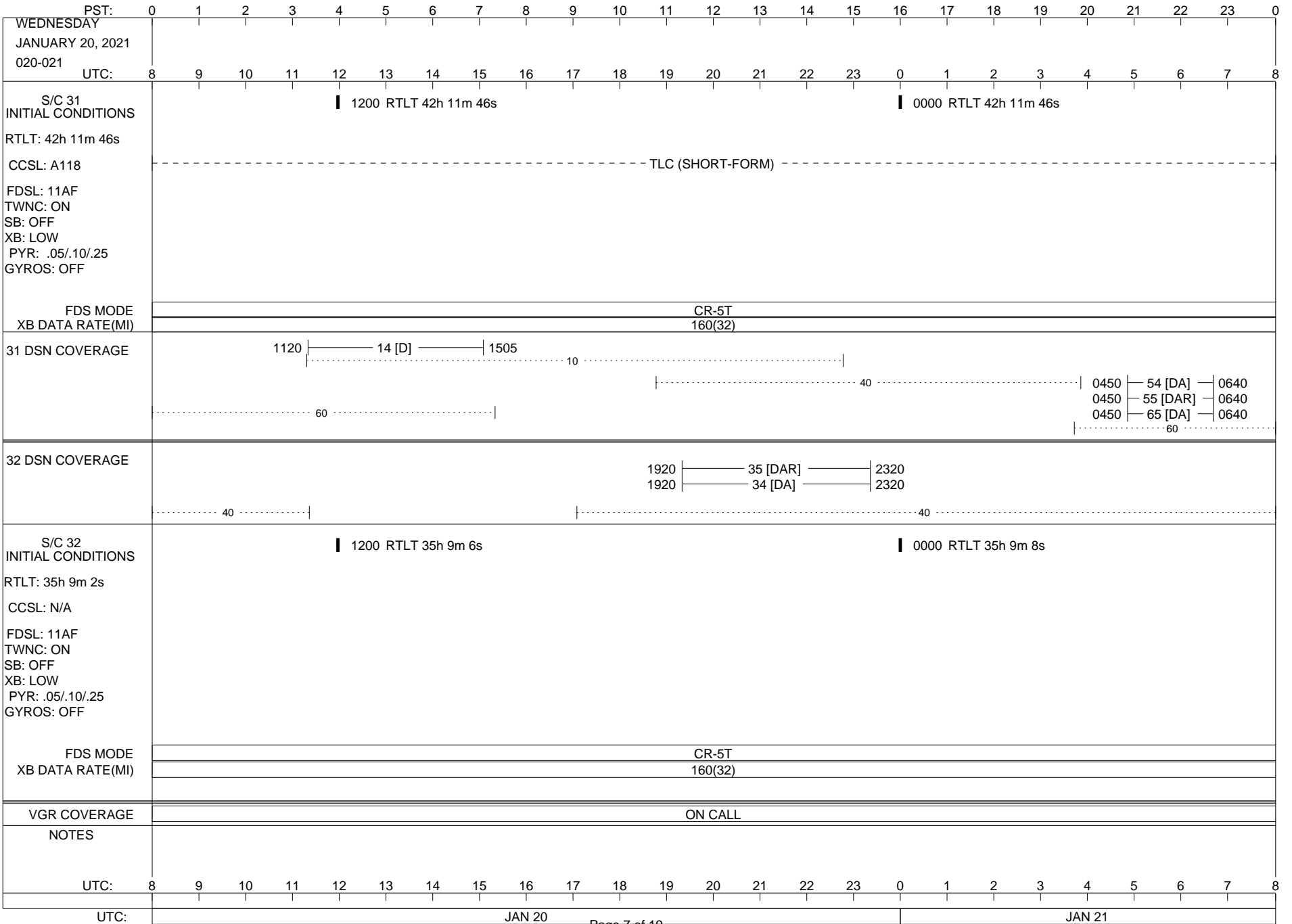
ISSUE DATE: 01/12/21 13:45

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 0500   55 [DAR]   0640 0500   65 [DA]   0640</p>
32 DSN COVERAGE	<p>1925  ----- 36 [DA] -----  2325 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

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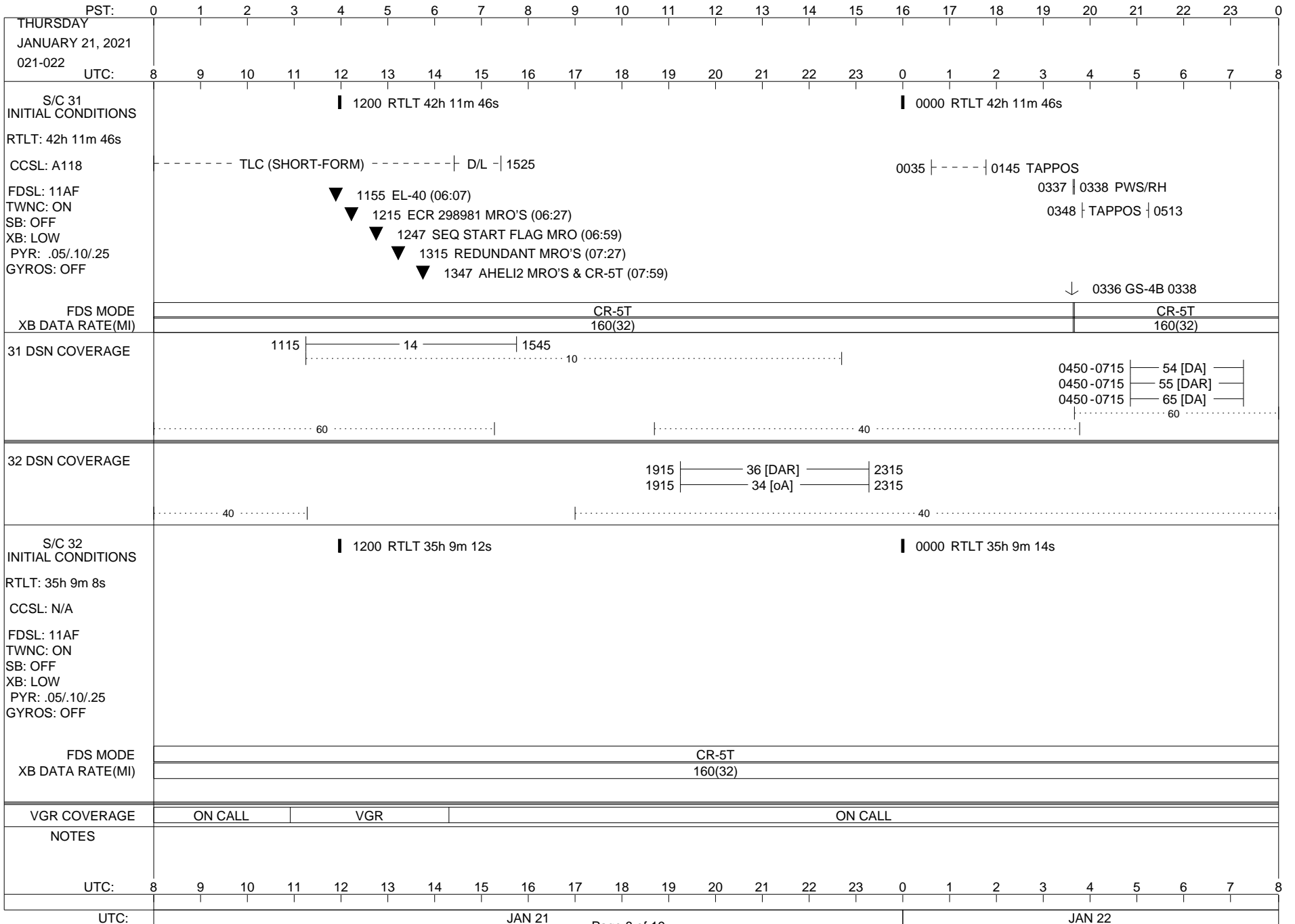


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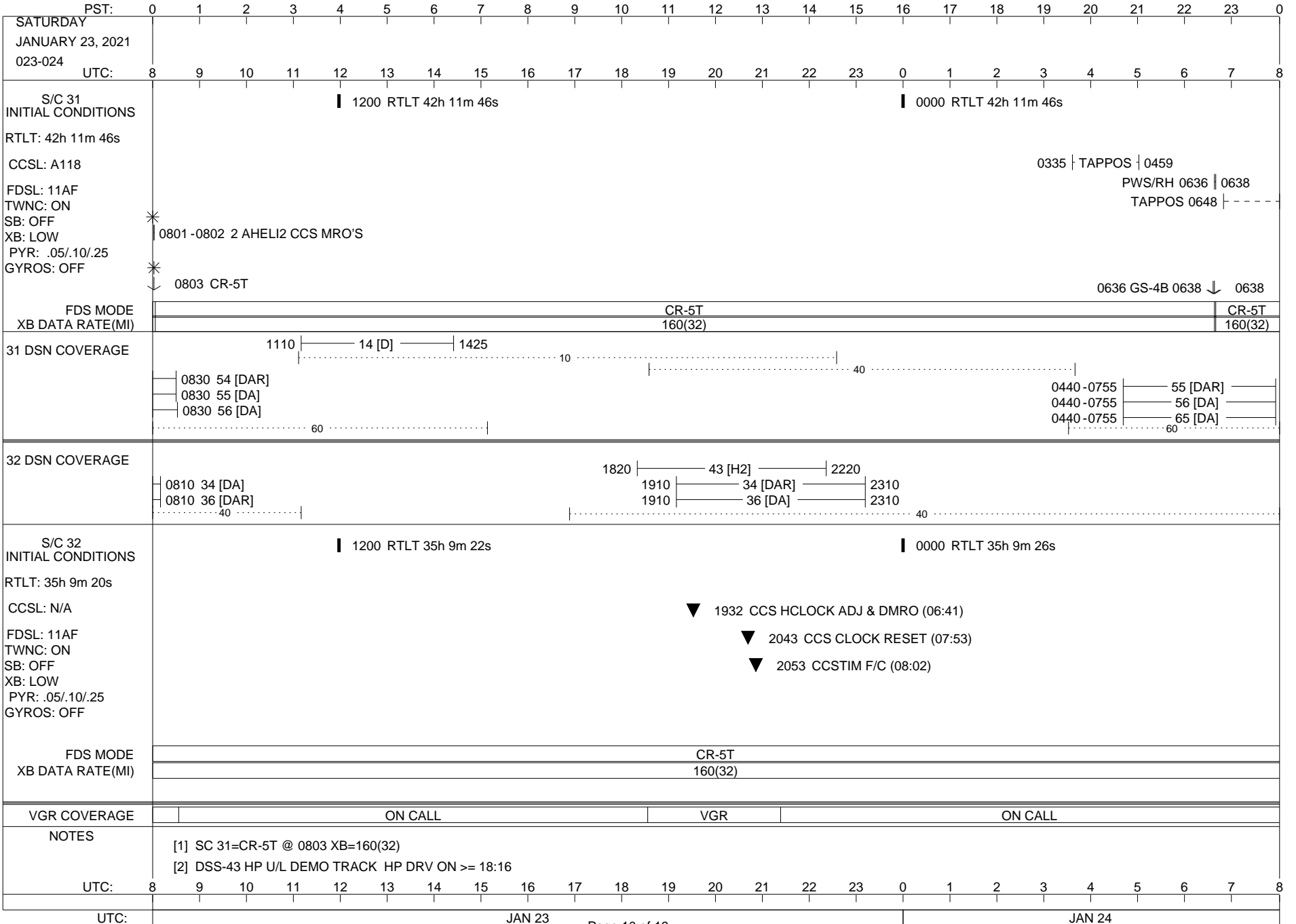
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FRIDAY																													
JANUARY 22, 2021																													
022-023																													
UTC:		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS		1200 RTLT 42h 11m 46s														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		<p>Timeline for S/C 31 DSN COVERAGE:</p> <ul style="list-style-type: none"> <li>1115  ----- 14 [D] -----  1515</li> <li>..... 60 .....</li> <li>..... 40 .....</li> <li>..... 60 .....</li> <li>0445  ----- 54 [DAR] ----- </li> <li>0445  ----- 55 [DAR] ----- </li> <li>0445  ----- 56 [DAR] ----- </li> <li>..... 60 .....</li> </ul>																											
32 DSN COVERAGE		<p>Timeline for S/C 32 DSN COVERAGE:</p> <ul style="list-style-type: none"> <li>..... 40 .....</li> <li>..... 40 .....</li> <li>1910  ----- 36 [DA] -----  2310</li> <li>1910  ----- 35 [DAR] -----  2310</li> <li>..... 34 [DA] 0710  ----- </li> <li>..... 36 [DAR] 0710  ----- </li> </ul>																											
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)																											
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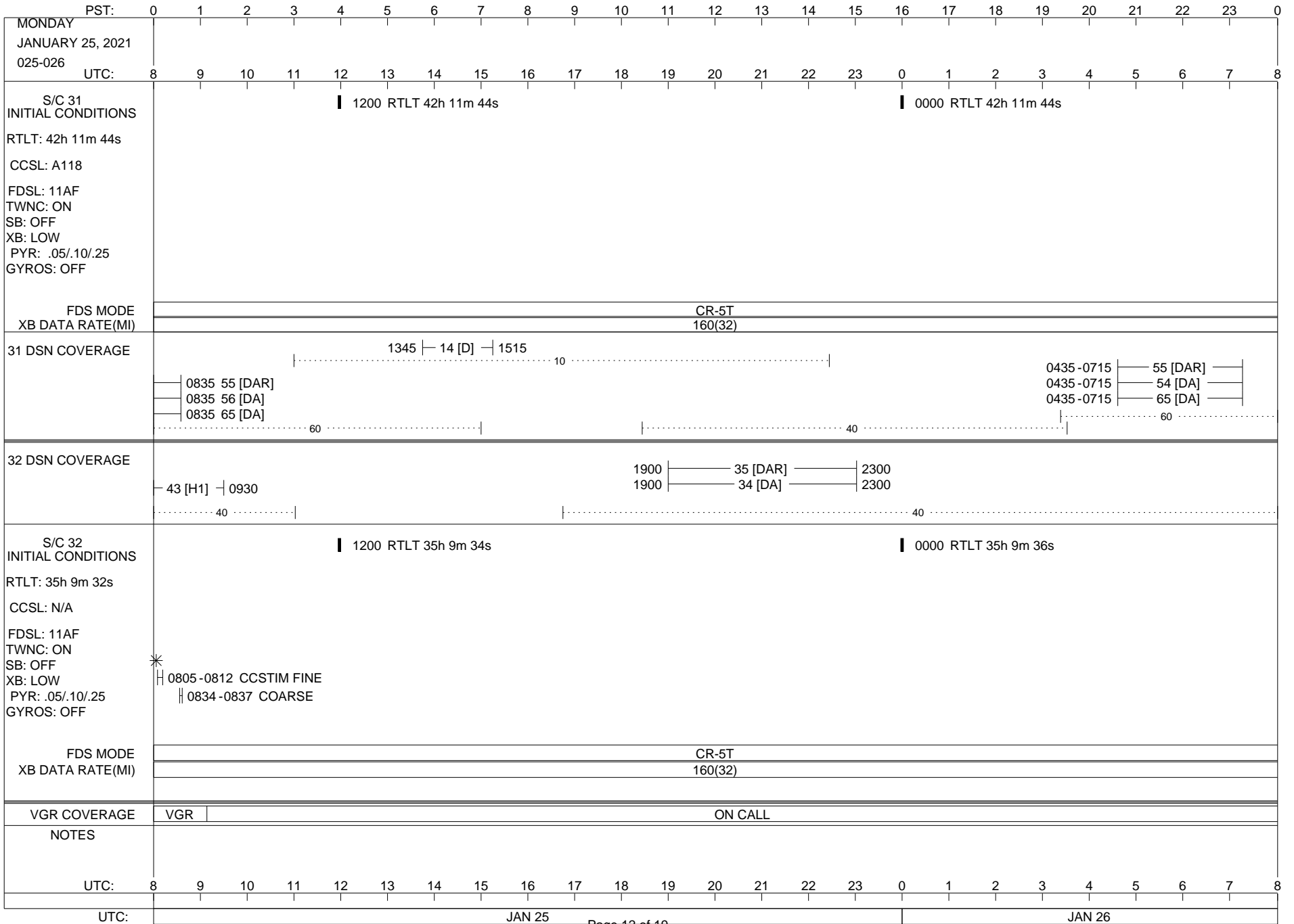
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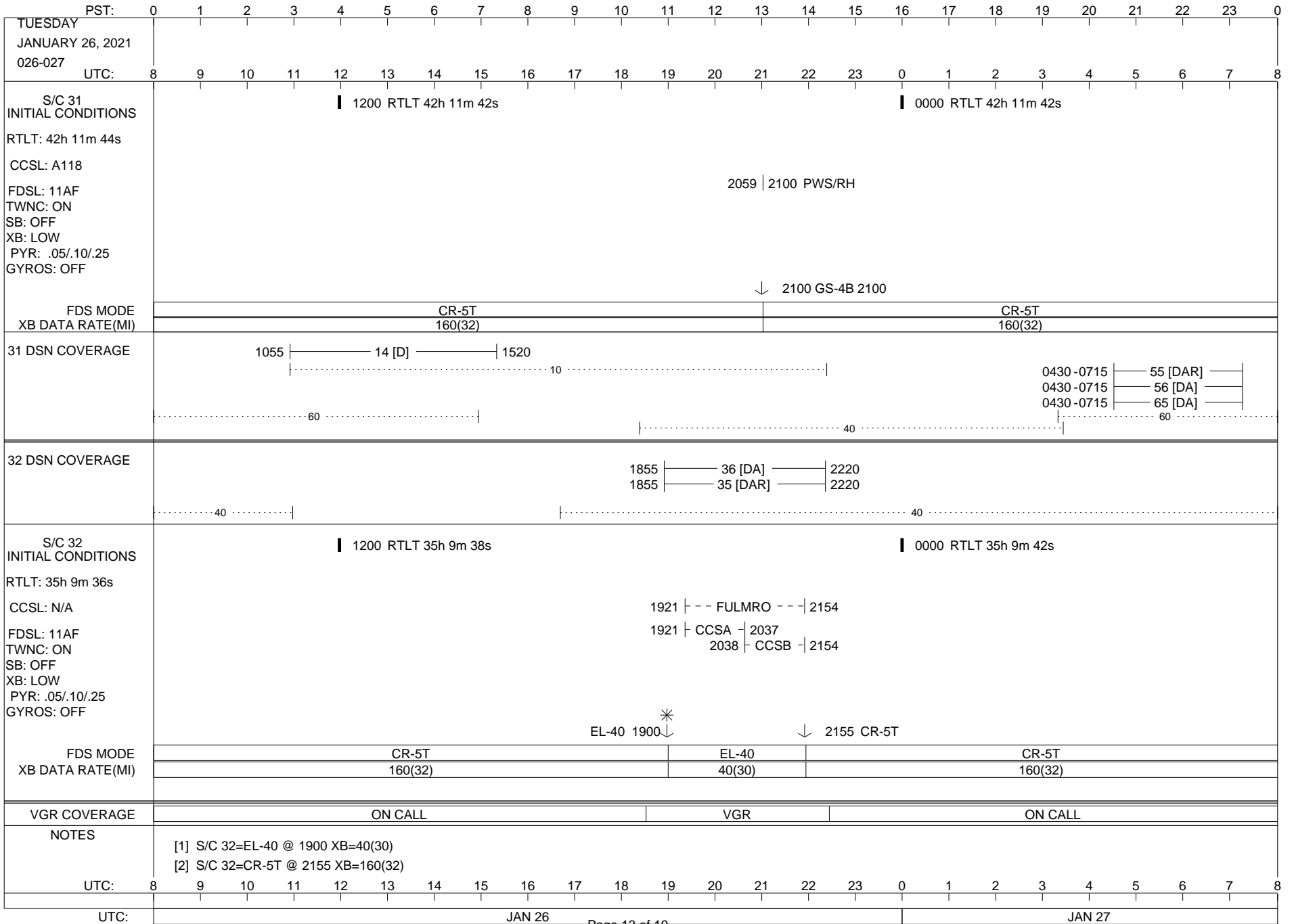


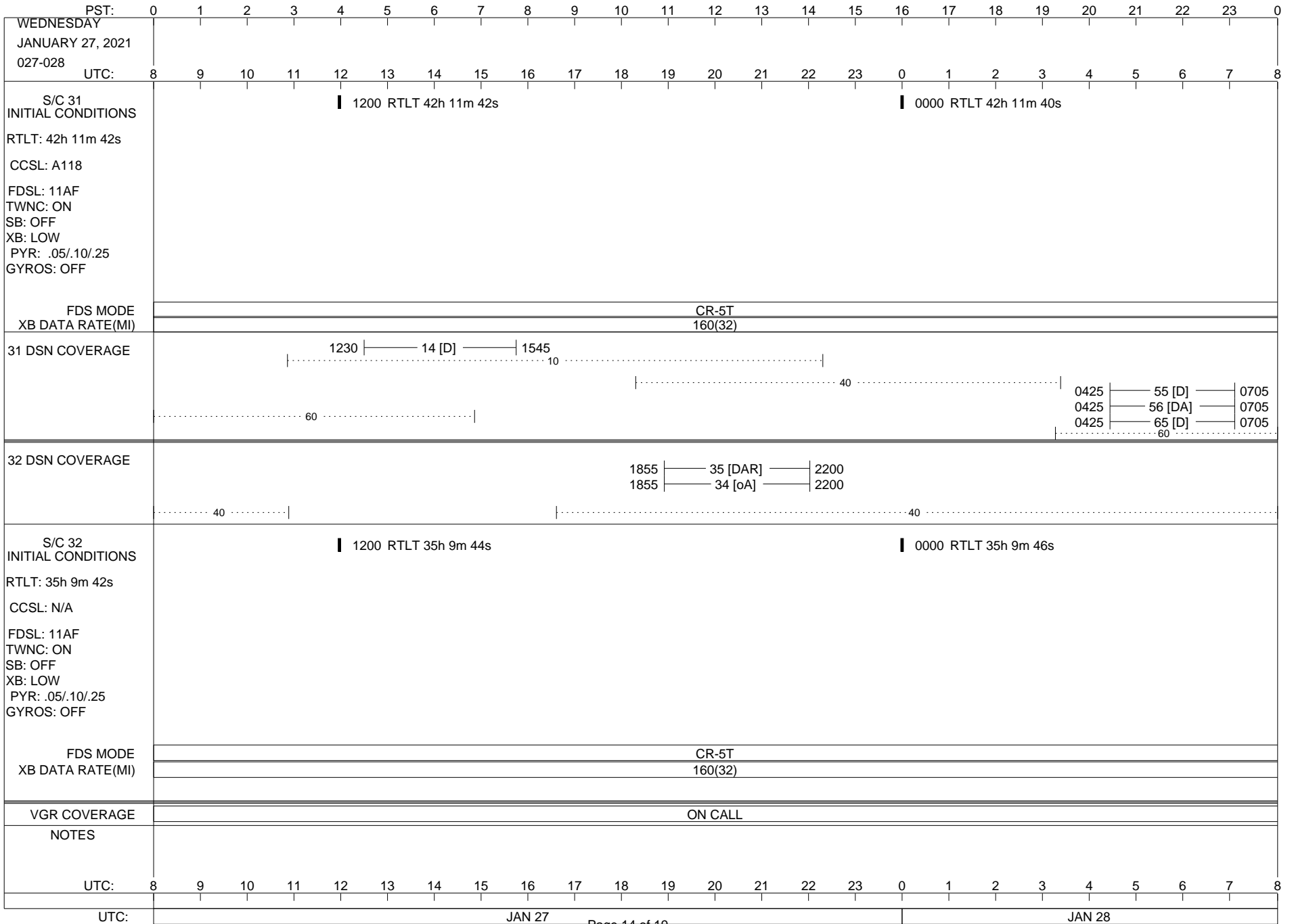
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SUNDAY JANUARY 24, 2021 024-025																									
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S/C 31 INITIAL CONDITIONS RTLTL: 42h 11m 46s CCSL: A118 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 42h 11m 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)												
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												

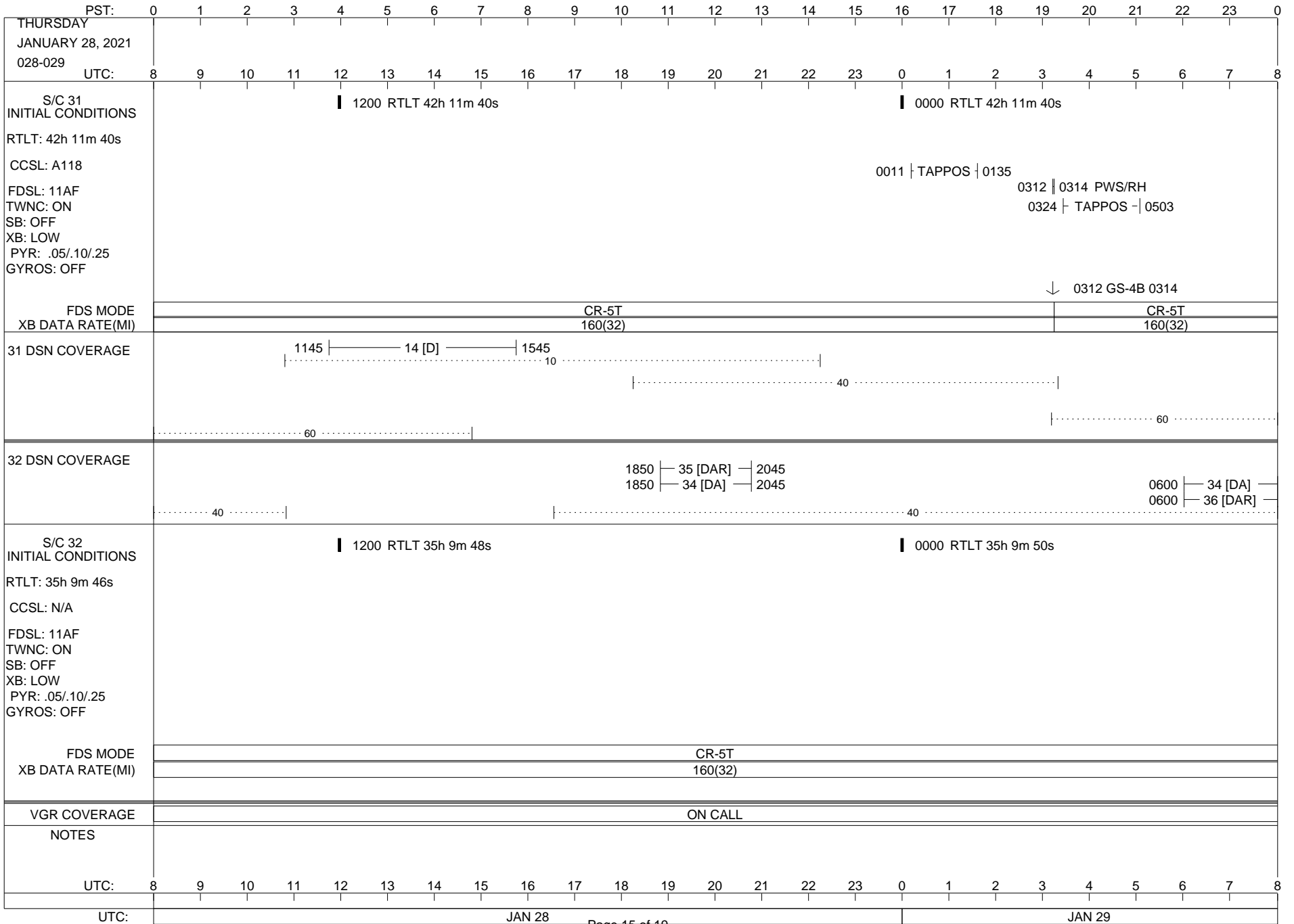
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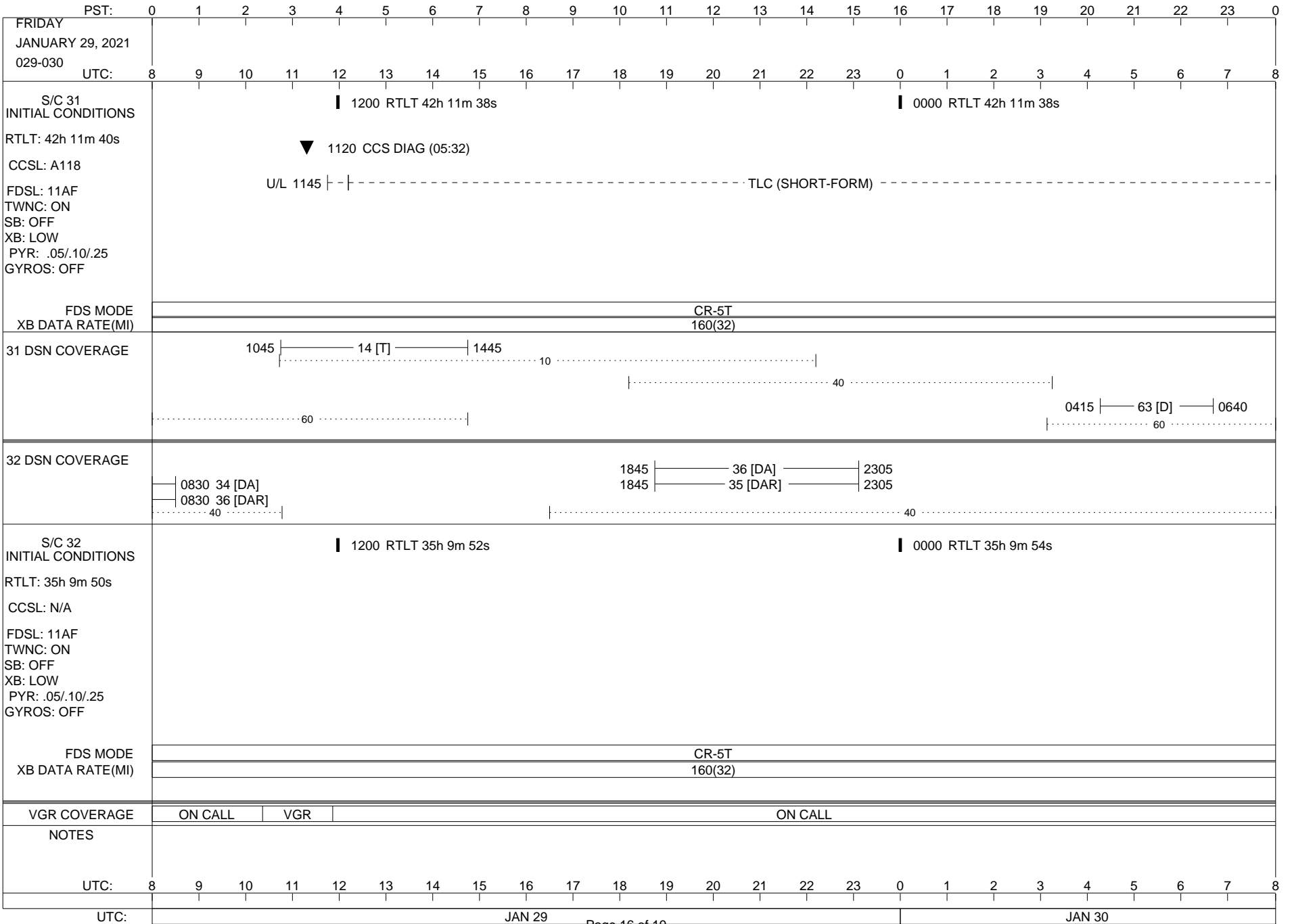


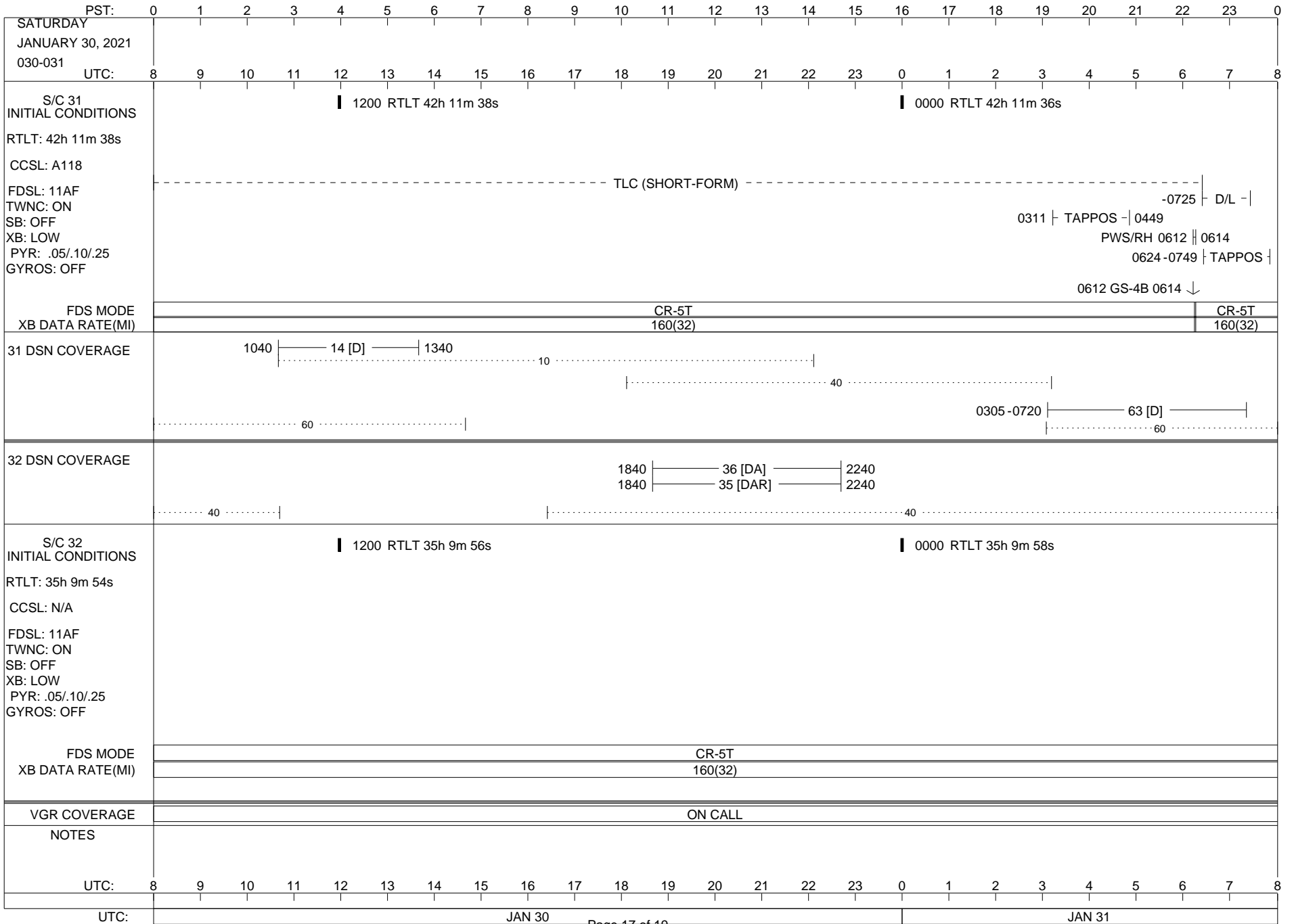
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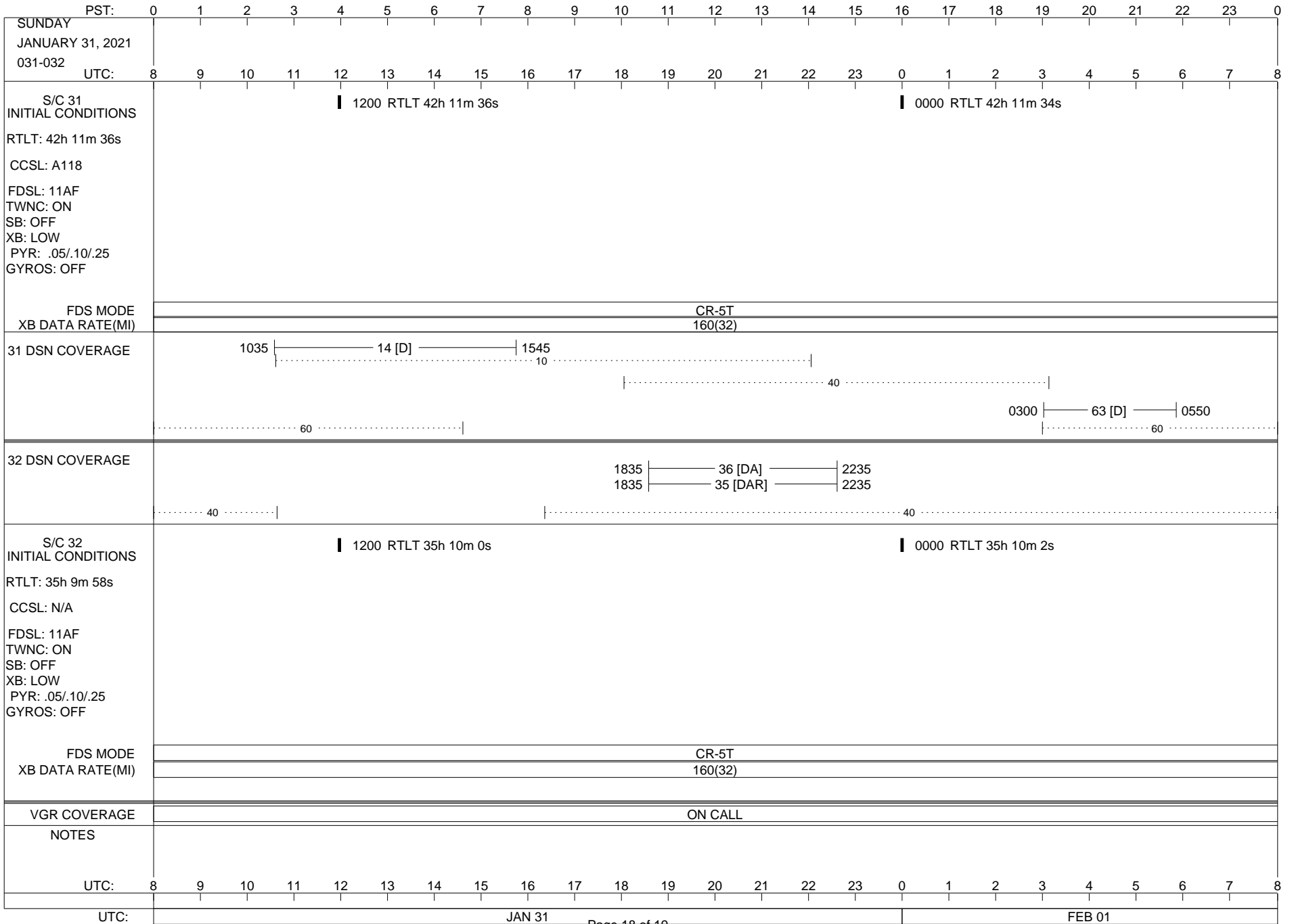


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MONDAY																																																			
FEBRUARY 1, 2021																																																			
032-033																																																			
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	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																																					
FDS MODE														CR-5T																																					
XB DATA RATE(MI)														160(32)																																					
31 DSN COVERAGE																																																			
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 10%; text-align: center;">1135</td> <td style="width: 10%; text-align: center;">24 [DA]</td> <td style="width: 10%; text-align: center;">1300</td> <td style="width: 50%;"></td> <td style="width: 10%; text-align: center;">0405</td> <td style="width: 10%; text-align: center;">55 [DAR]</td> <td style="width: 10%; text-align: center;">0545</td> </tr> <tr> <td></td> <td style="text-align: center;">1135</td> <td style="text-align: center;">25 [DAR]</td> <td style="text-align: center;">1300</td> <td></td> <td style="text-align: center;">0405</td> <td style="text-align: center;">56 [DA]</td> <td style="text-align: center;">0545</td> </tr> <tr> <td></td> <td style="text-align: center;">1135</td> <td style="text-align: center;">26 [DA]</td> <td style="text-align: center;">1300</td> <td></td> <td style="text-align: center;">0405</td> <td style="text-align: center;">65 [DA]</td> <td style="text-align: center;">0545</td> </tr> </table>																													1135	24 [DA]	1300		0405	55 [DAR]	0545		1135	25 [DAR]	1300		0405	56 [DA]	0545		1135	26 [DA]	1300		0405	65 [DA]	0545
	1135	24 [DA]	1300		0405	55 [DAR]	0545																																												
	1135	25 [DAR]	1300		0405	56 [DA]	0545																																												
	1135	26 [DA]	1300		0405	65 [DA]	0545																																												
32 DSN COVERAGE																																																			
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	1835	34 [DA]	2235		1835	35 [DAR]	2235																																												
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																																					
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																																					