



August 25, 2020

**W273nn (W223DA) - Facility ID: 201653**  
**Fill In Translator for WRJR AM Facility ID: 68741**  
**Minor Modification of Construction Permit BNPFT-20171201AOM**

**47 C.F.R. Sections 74.1204, 74.1205, 74.1232, 74.1234, 74.1235**

The table attached shows the contour overlap values for the proposed translator. It shows that there is no prohibited contour overlap to any area authorization satisfying to requirements of 47 C.F.R. 74.1204.

A map is included to show compliance with 74.1232.

**47 C.F.R. Section 1.1306**

A Commission grant of Authorization for this location would not be an action which will have a significant environmental effect. The translator antenna is being placed on an existing AM broadcast tower at a site that is considered controlled with respect to public access. The FCC FM Model software predicts the proposed facility will create worst case power density 1.173  $\mu\text{W}/\text{cm}^2$  out 29.2 meters from the tower. This is 0.59% of the maximum power density for uncontrolled public access areas in accordance with OET Bulletin 65. The permittee/licensee in coordination with other users of the site will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

  
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REFERENCE CH# 273D - 102.5 MHz, Pwr= 0.25 kW DA, HAAT= 74.6 M, COR= 86.3 M DISPLAY DATES  
 37 16 26.8 N. Average Protected F(50-50)= 11.2 km DATA 08-25-20  
 76 44 45.0 W. Standard Directional SEARCH 08-25-20

CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*OUT* (Overlap in km)
275B Norfolk	WOWI	LIC	VA	150.8 331.1	65.90 BLH20131212ATB	36 45 19.80 76 23 05.90	50.000 150	5.9 152	64.7 Ihm Licenses, LLC	0.4
272D Gloucester	W272EJ	LIC D	VA	49.1 229.2	23.17 BLFT20181016AAX	37 24 37.00 76 32 51.00	0.250	13.3 101	9.6 Wxgm, Inc.	1.9
271B Richmond	WRXL	LIC	VA	299.4 118.9	77.87 BLH19920608KG	37 36 52.50 77 30 54.90	20.000 241	5.8 301	65.9 Entercom License, LLC	10.2
273D Richmond	W273BB	CP	VA	299.3 118.9	77.85 BPFT20190529AAF	37 36 51.50 77 30 55.00	0.250	48.2 175	14.3 Positive Alternative Radio	25.0
273B Princess Anne	WBOC-FM	LIC	MD	45.6 226.2	133.90 BLH7539	38 06 43.40 75 39 12.70	50.000 152	138.2 157	65.6 Wboc, Inc.	27.2
274D Petersburg	W274BX	LIC	VA	265.6 85.2	56.18 BLFT20160713ABM	37 14 02.50 77 22 37.90	0.250	17.8 124	12.1 Radio One Licenses, LLC	27.7
273D Richmond	W273BB	LIC	VA	299.4 118.9	77.87 BLFT20140203APM	37 36 52.50 77 30 55.00	0.099 117	38.6 175	11.3 Positive Alternative Radio	27.9

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 Terrain database is NED 03 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM  
 In & Out distances between contours are shown at closest points. Reference Zone= East Zone, Co to 3rd adjacent.  
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, \_= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)  
 Incoming contour overlap is ignored.  
 "\*"affixed to 'IN' or 'OUT' values = site inside restricted contour.  
 « = Station meets FCC minimum distance spacing for its class.