

ENGINEERING STATEMENT
Foxfur Communications , LLC
May, 2015

Foxfur Communications, LLC is the licensee of WOLF-FM, Ch. 286B, DeRuyter, NY. It is proposed to relocate the transmitter site approximately 12 miles northeast of the present site.

Due to the proximity to Canada, Figure 1 demonstrates that the proposed 34 dBu (50,10) contour would be within the 34 dBu contour with respect to the negotiated C1 allotment reference of N 42-55-19, W 75-47-45 with 26 kW ERP at 636m RCAMSL. Canada provided concurrence to the C1 allotment in June, 2001. Unfortunately, the efforts of the previous owner of the station to relocate the station's transmitter site were thwarted due to an allotment counter-proposal by a third party. That restriction no longer exists thereby permitting the proposed site change.

WOLF-FM is presently short-spaced to five stations, but would eliminate four of the short-spacings with implementation of this proposal. Co-channel Class B to B stations require a minimum of 241 km. The distance to WILQ, Ch. 286B, Williamsport, PA is 199.7 km. The proposed relocation will decrease the short-spacing and increase the distance to 211.2 km. Figure 2 shows that there will be less prohibitive overlap and no new areas of interference created.

This proposal would also eliminate both first-adjacent channel short-spacings. These would be to WNGZ, Ch. 285A, Montour Falls, NY and WKPQ, Ch. 287B, Hornell, NY.

The short-spacing to second-adjacent channel station WBBS, Ch. 284B, Fulton, NY would also slightly improve from the present 65.9 km to 66.4 km. However, it is

noted that WOLF-FM and WBBS are grandfathered as pre-1964 stations and no minimum spacing requirement exists for these stations with respect to each other based on Section 73.213(a)(4) of the Commission's rules.

The third-adjacent channel short-spacing with WBNW-FM, Ch. 289B, Endicott, NY would also be eliminated. Thus, the only remaining short-spacing would be with the previously mentioned second-adjacent channel station, WBBS which is permissible due to their pre-1964 status. This proposal also meets all other Section 73.207 minimum distance spacing requirements.

Figure 3 depicts that the proposed predicted 70 dBu contour would fully encompass the community of license, DeRuyter, NY.

In summary, the proposed site relocation for WOLF-FM would be beneficial in providing better coverage to the general population at large and would remove four of the five short-spacings that presently exist. Any analyses for this report can be provided upon request.