

**Technical Statement**  
**Application for Construction Permit**  
**New Translator BNPFT-20030317LOD 100.5 mHz. Facility ID 141687 Colonie, NY**  
**March, 2013**

This application is the long form application for the above specified short form tech box application. The proposed long form facility is modified from the short form application, in that the primary station, transmitter site and antenna are changed. A Preclusion Study is included in order to demonstrate that this proposal will not preclude future LPFM opportunities. There is one waiver request included, pertaining to second adjacent WKLI.

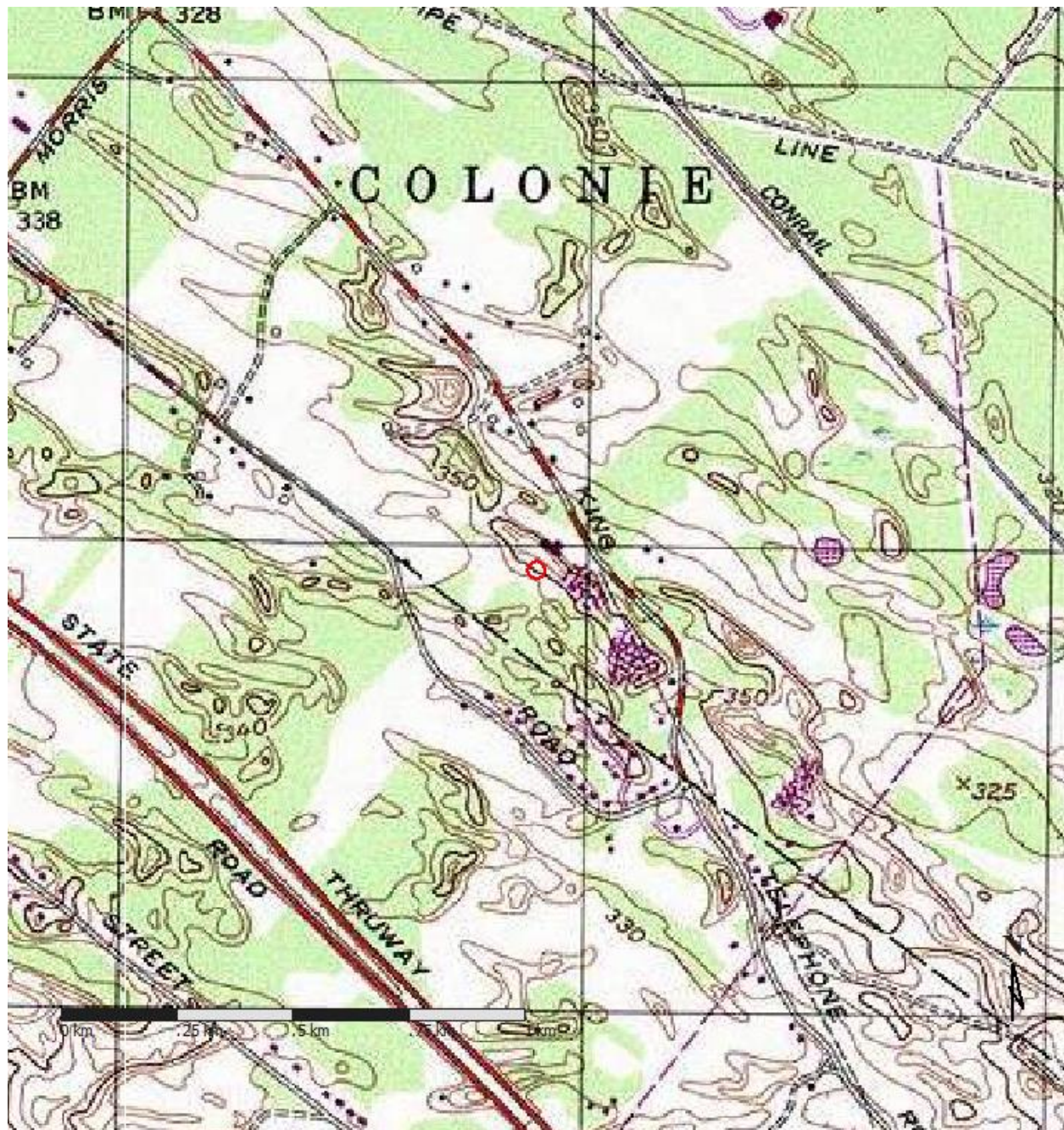
The proposal will rebroadcast WGNA-FM-HD2. Permission has been obtained in writing to rebroadcast WGNA-FM-HD2. The transmitter site is changed to an existing secure tower.

Preclusion Study

This application has been studied to determine preclusion to LPFM points. See the study at Exhibit 12.

Waiver Request

The allocation study shows an overlap condition with second adjacent WKLI operating on channel 265 (100.9 mHz.). It is determined that WKLI has a signal level of 119.5 dBu at the proposed translator site. In order for actual interference to occur, the interfering signal must be 40 db greater than the protected signal. By taking into account the 119.5 dBu signal from WKLI and adding 40 dBu to it, the interfering contour then becomes 149.5 dBu. See the contour map below demonstrating how the 149.5 dBu interfering contour is in an area with no residential buildings or roads.



Red – 149.5 dBu Interfering Contour