



Facilities Committee Meeting Draft Minutes September 8, 2022

The meeting was held at 2758 State Route 52 and by Zoom.

Committee Members Present: Mike Williams (acting chair), Thane Peterson, Mike Fisher, Kit Hulit, Mike Fisher, Tim Bruno

Committee Members Absent: None

Mike Williams called the meeting to order at 6:04 pm.

Committee organization and purpose:

The first order of business was to elect a chair of the committee. Mike Williams and Thane Peterson volunteered to serve as co-chairs of the committee. Kit Hulit volunteered to act as committee secretary. There were no objections.

The purpose of the committee was clarified as being solely concerned with the construction permits for 2 frequencies that were granted to the station by the FCC in January, 2021. Issues related to existing station facilities, including making budget recommendations for building maintenance will be handled by the general manager.

Discussion of needed committee actions:

If Radio Catskill wants to apply for licenses for either or both of these frequencies, we must install and test equipment and apply for the licenses by January 7, 2025 (Hamlin) and January 14, 2025 (Livingston Manor). Per the FCC, the Construction Permits "will be subject to automatic forfeiture unless construction is complete and application for license is filed prior to expiration."

We are already 9 months into the duration of the construction permits, so the committee will need to create a timeline with a deadline for a Board of Trustees decision.

The committee discussed the following information that needs to be determined for each frequency in order for recommendations to be made to the Board of Trustees:

- Initial costs including consultant fees, equipment and installation costs. In order to determine these costs, the committee will need to determine what towers are available to host the transmission equipment.
- Operating expenses including rent, utilities, maintenance and engineering expenses.
- An estimate of the number of new listeners that the station can reasonably expect to add, and an extrapolation of how many of those listeners might become donors; the time period required for acquiring those new listeners and converting them to donor status; the donation amount per listener that could reasonably be anticipated.

Agreed upon action steps:

Mike Fisher indicated that the station had conducted research about potential listenership in the Livingston Manor area at some time in the past. Thane Peterson indicated that some of the research conducted when the station participated in the FCC auction for a frequency in the Narrowsburg area might be useful. Mike and Thane will look for that information. Kit Hult will see what she can find in station files.

Kit Hult is preparing data regarding average annual giving.

Time Bruno will arrange a meeting with Scott Fybush, radio consultant. Next committee meeting date will be set once Scott's availability has been identified.

The meeting was adjourned at 6:35 pm.

The following background information was shared with the committee:

Frequency #1

- Community of License: Hamlin, PA
- Community of License Frequency (MHz): 90.3
- Filing Date: 11/09/2021
- Grant Date: 01/07/2022
- Expiration Date: 01/07/2025
- Link to Application:
<https://enterpriseefiling.fcc.gov/dataentry/public/tv/draftCopy.html?displayType=html&appKey=25076ff37ce2da1c017cfd8748b14bd9&id=25076ff37ce2da1c017cfd8748b14bd9&goBack=N>

Frequency #2

- Community of License: Livingston Manor
- Community of License Frequency (MHz): 89.5
- Filing Date: 11/09/2021
- Grant Date: 01/14/2022
- Expiration Date: 01/14/2025
- Link to Application:
<https://enterpriseefiling.fcc.gov/dataentry/public/tv/draftCopy.html?displayType=html&appKey=25076ff37ce2da1c017cfd97fe564c56&id=25076ff37ce2da1c017cfd97fe564c56&goBack=N>

CONSOLIDATED ENGINEERING EXHIBIT

Radio Catskill, Inc., Ch. 212A, Hamlin PA
November 2021

This application has been filed in the November 2021 Noncommercial Educational FM Reserved Band window for a new Class A station to serve Hamlin, PA on Channel 212 (90.3 MHz). All contour plots are based on the FCC 30-arc-second terrain database unless noted otherwise. Population estimates are based on 2010 US Census Block data.

Figure 1 shows that the 60 dBu contour of the proposed facility will completely encompass the proposed community of license, Hamlin, PA. Total area within this contour is 496.4 square km with a population of 29,473 persons.

Figure 2 demonstrates protection to co-channel station WESS, Stroudsburg PA (FID 18247) and first-adjacent stations WJFF, Jeffersonville NY (FID 54516) and WMFU, Mount Hope NY (FID 60031).

Figure 3 demonstrates protection to second-adjacent station WCLH, Wilkes-Barre PA (FID 72459) and WVIA-FM, Scranton PA (FID 49436) and third-adjacent station WZZH, Honesdale PA (FID 919054).

Figure 4 demonstrates protection under 73.525 to three relevant Channel 6 TV facilities, showing that at no point does the proposed new facility place a 68,8 dBu signal within any channel 6 station's 47 dBu contour.

Figure 5 illustrates the six other NCE-FM stations that provide 60 dBu coverage to any portion of the proposed new facility's 60 dBu coverage area. **Figure 6** demonstrates that there are two areas in which the proposed new facility will provide a second NCE-FM service, with an aggregate area of 100.3 square km (20.21% of the total 60 dBu coverage) and population of 6,258 (21.23% of the total 60 dBu coverage).

Based on FCC "FM Model" calculations assuming an EPA Type 1 two-bay antenna, the maximum radiofrequency power density attributable to the proposed station will not exceed 1.69 percent of the General Population / Uncontrolled exposure guideline; therefore, the proposed facility should not have a significant environmental impact. In coordination with other users, applicant 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.

Figure 1
Proposed Coverage Contour

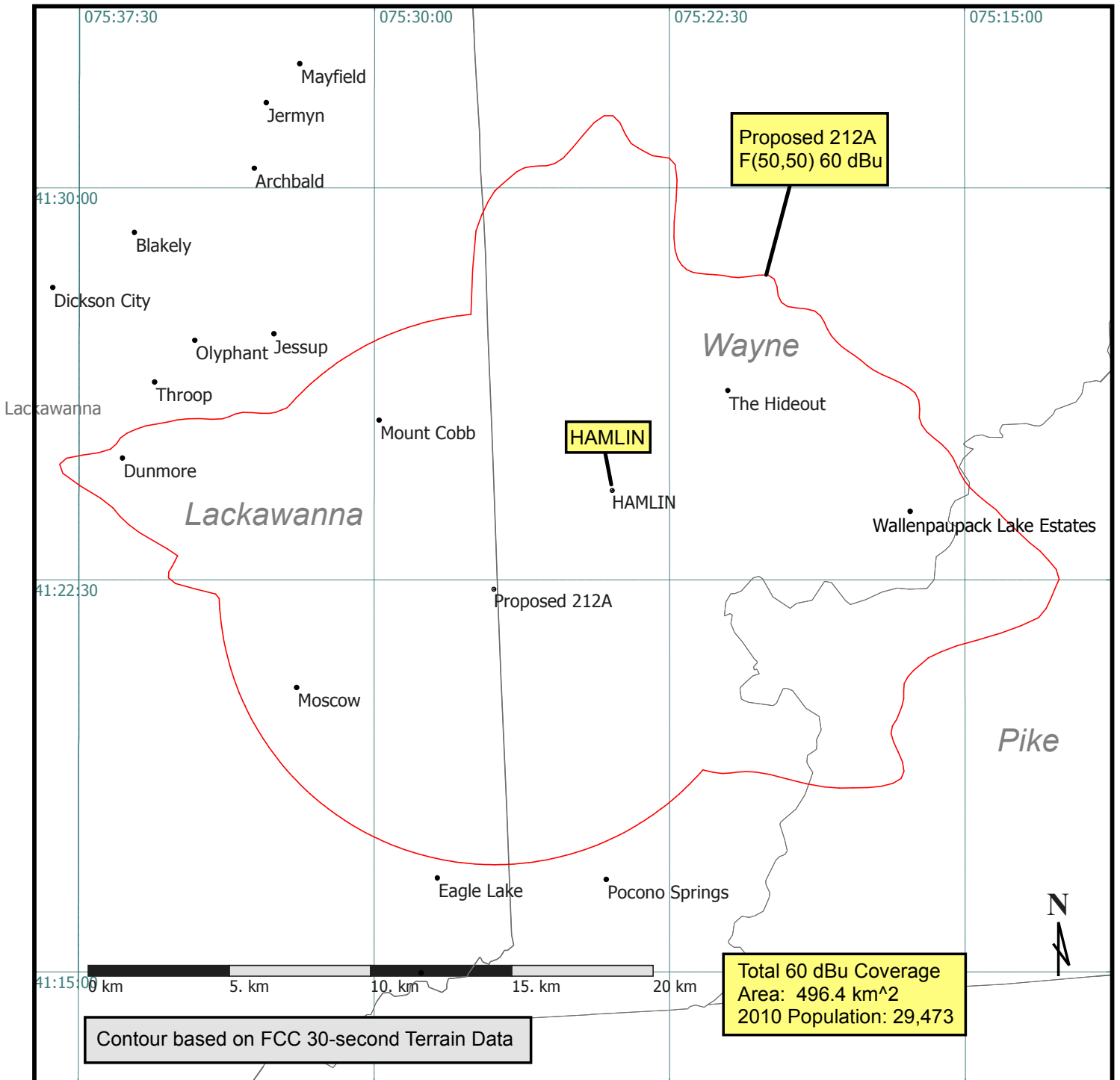


Figure 2
Co-Channel and 1st-Adjacent Contour Protection

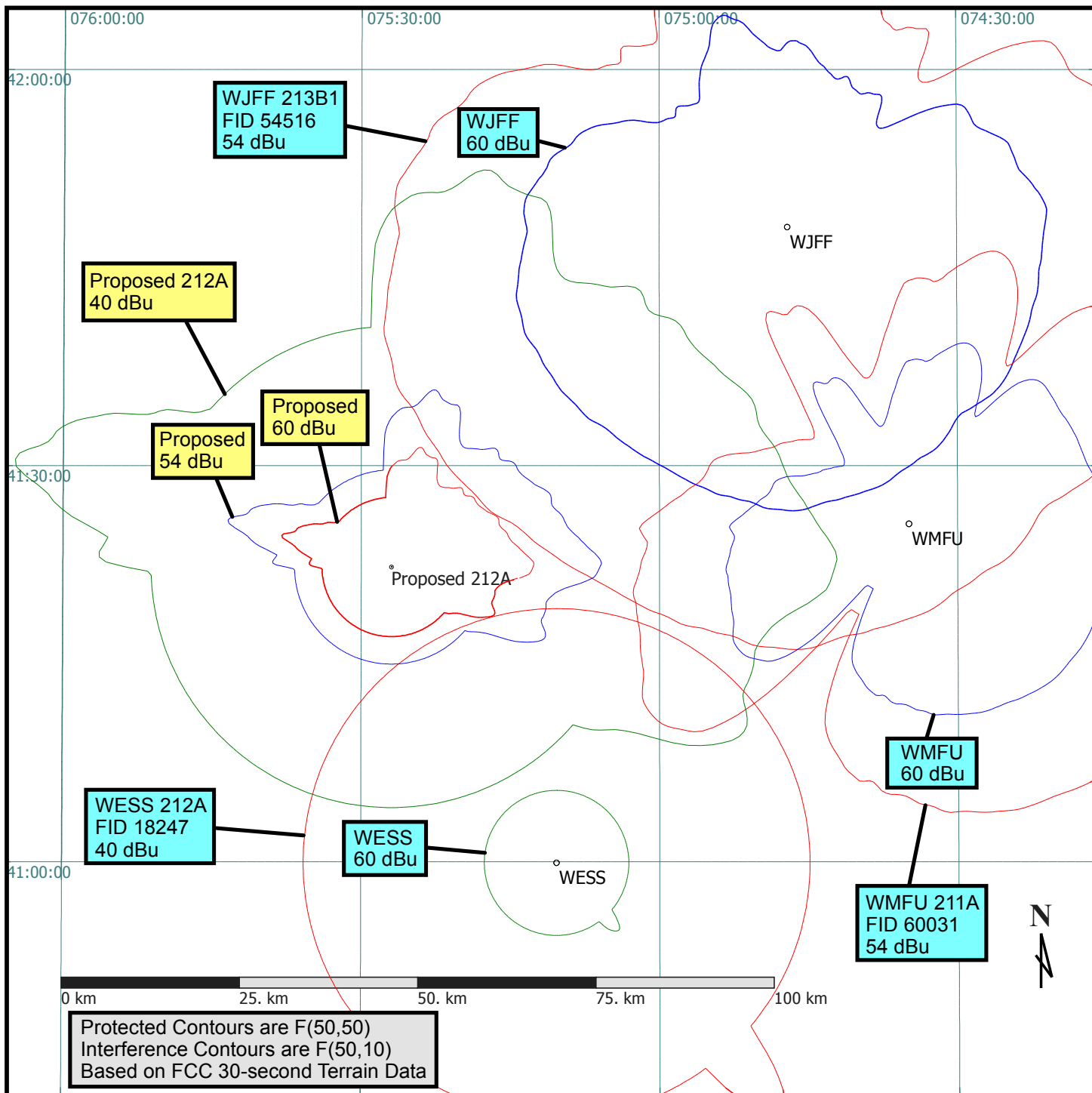


Figure 3
2nd- and 3rd-Adjacent Contour Protection

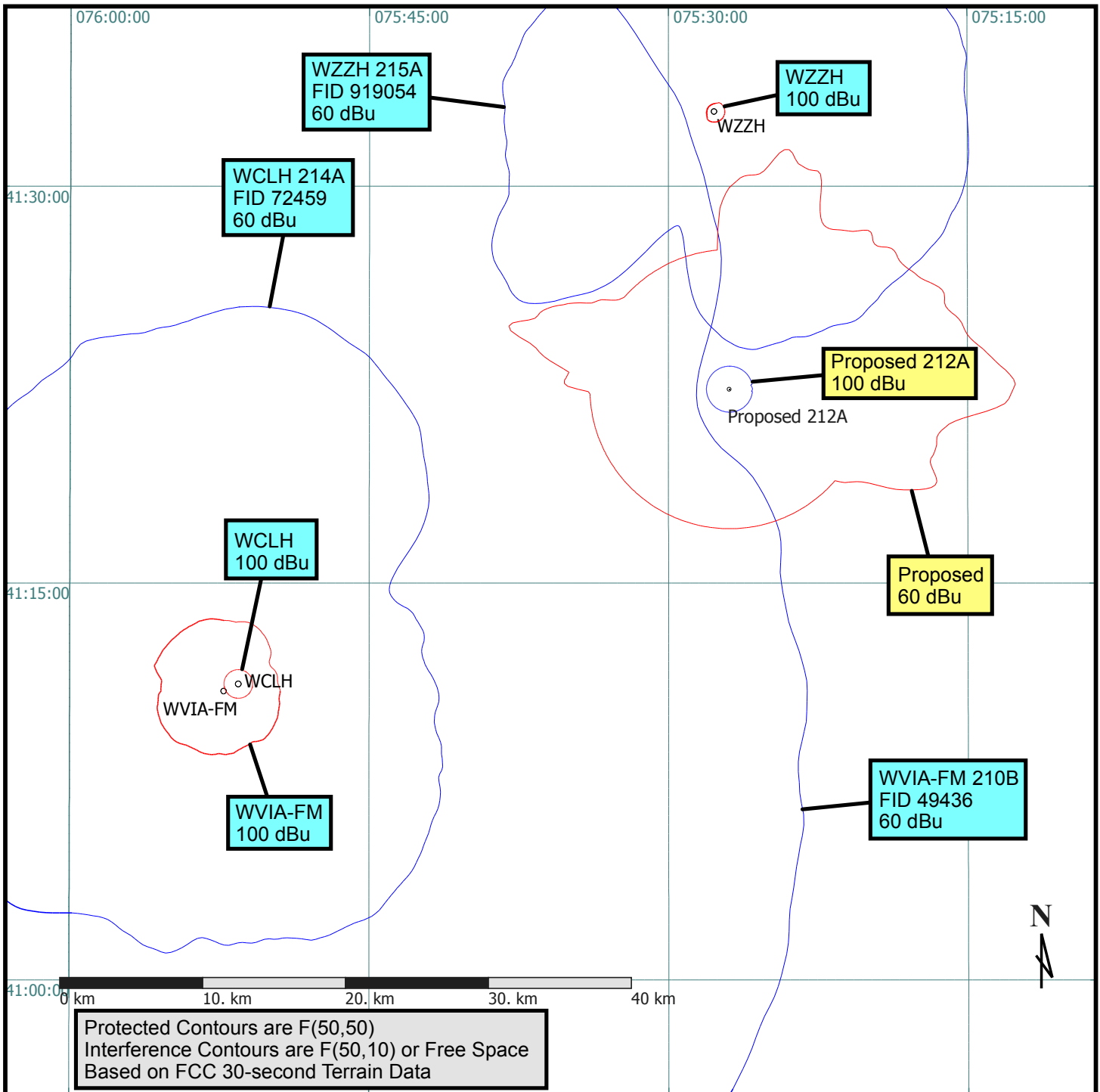


Figure 4

47 CFR §73.525 TV Channel 6 Protection

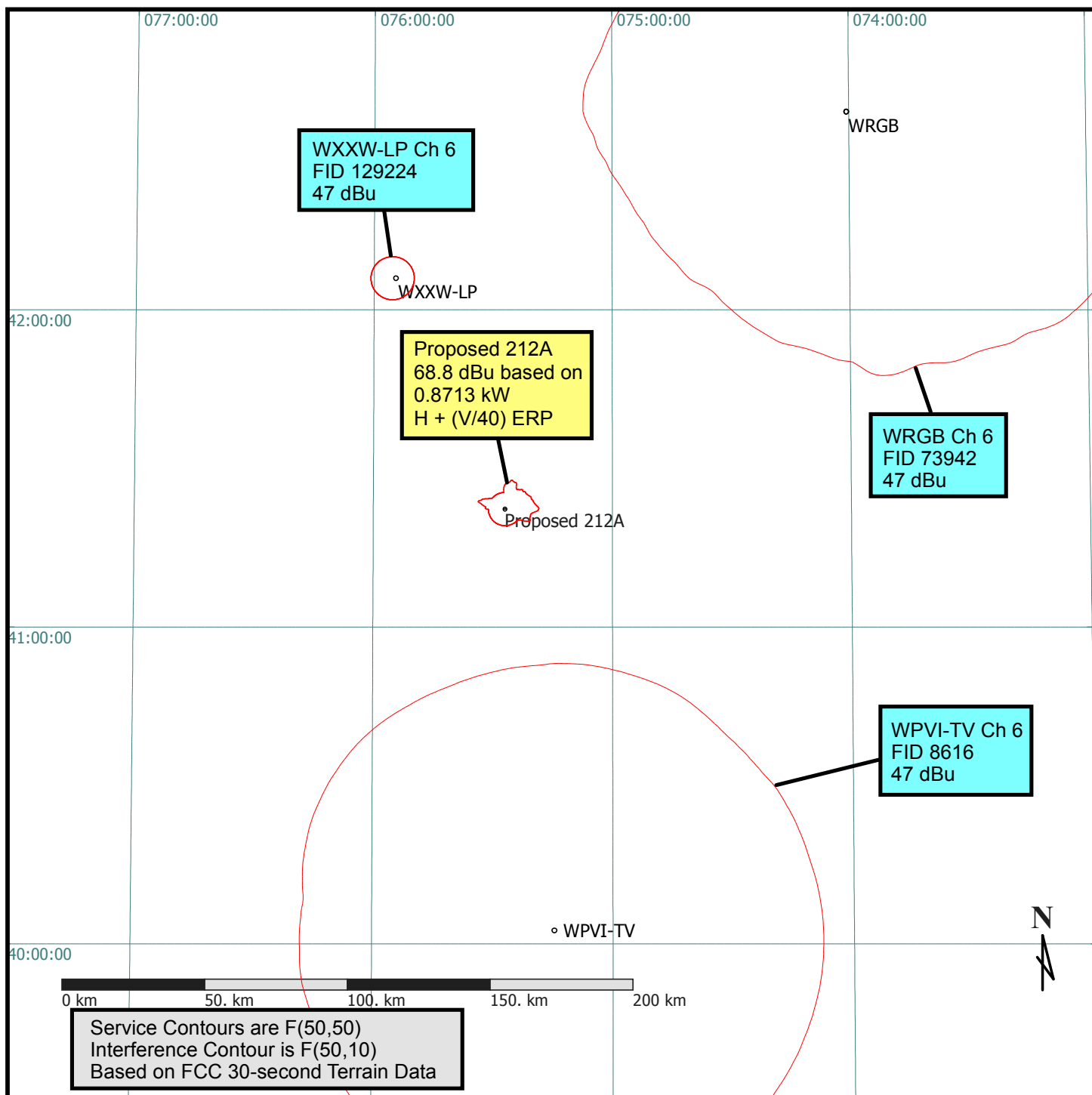


Figure 5
Present NCE Aural Services Overlapping Proposed Service

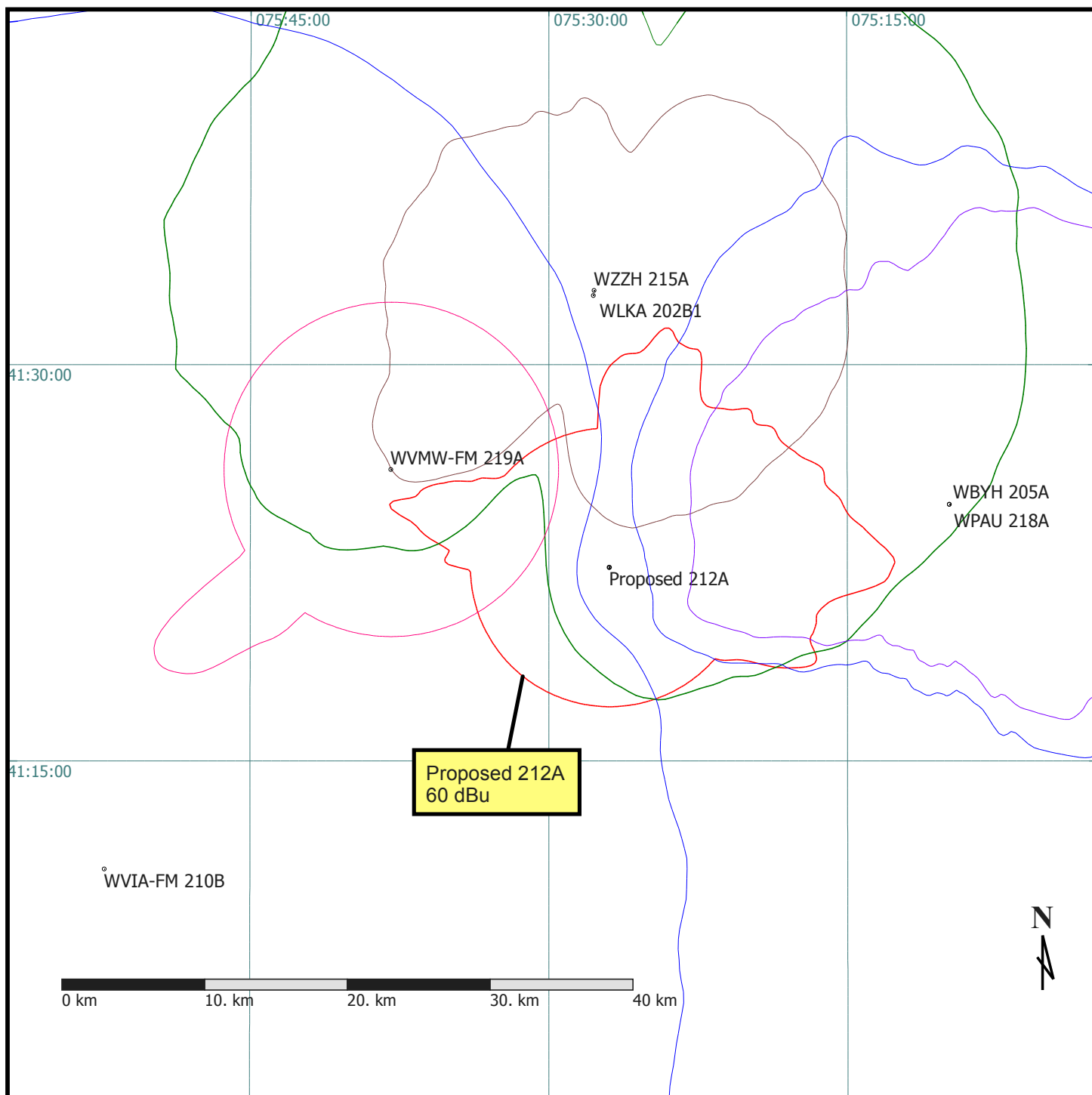
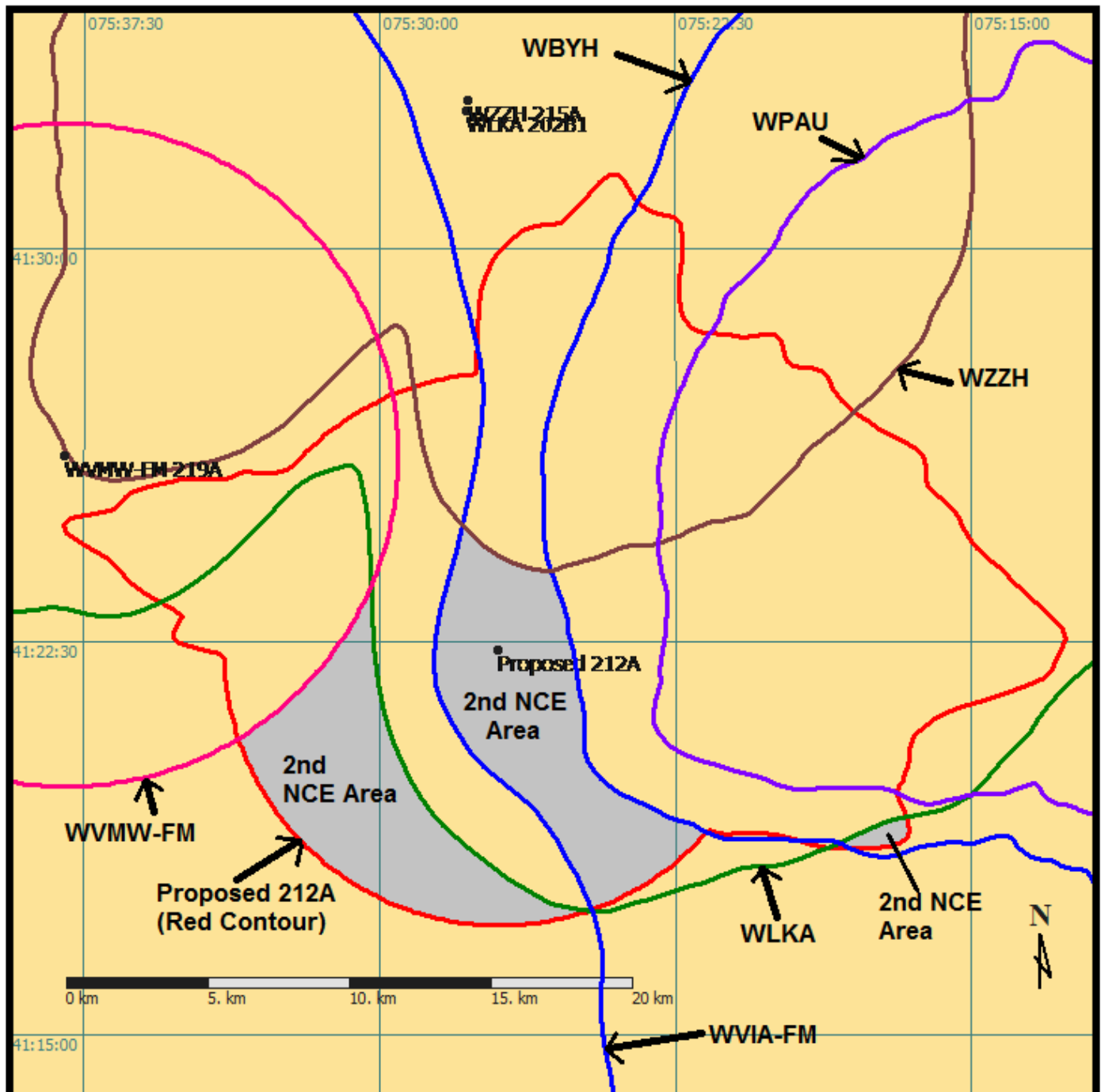


Figure 6

Section 307(b) NCE Aural Service Analysis

PROPOSED Total 60 dBu Area 496.4 km² 2010 Population: 29,473

2nd NCE-FM Service (Aggregate) Area: 100.3 km² (20.21%) Population 6,258 (21.23%)



CONSOLIDATED ENGINEERING EXHIBIT
Radio Catskill, Inc., Ch. 208A, Livingston Manor NY
November 2021

This application has been filed in the November 2021 Noncommercial Educational FM Reserved Band window for a new Class A station to serve Livingston Manor, NY on Channel 208A (89.5 MHz). All contour plots are based on the FCC 30-arc-second terrain database unless noted otherwise. Population estimates are based on 2010 US Census Block data.

Figure 1 shows that the 60 dBu contour of the proposed facility will completely encompass the proposed community of license, Livingston Manor, NY. Total area within this contour is 178.7 square km with a population of 3,818 persons.

Figures 2 and 3 demonstrate protection to co-channel station WUUA, Glen Spey NY (FID 173565) and first-adjacent stations WFGB, Kingston NY (FID 60896), WRHO, Oneonta NY (FID 26330) and WSKG-FM, Binghamton NY (FID 74039).

Figure 4 demonstrates protection to third-adjacent station WCIJ, Unadilla NY (FID 174290). There are no nearby second-adjacent facilities requiring consideration.

Figure 5 demonstrates protection under 73.525 to three relevant Channel 6 TV facilities, showing that at no point does the proposed new facility place a 67.4 dBu signal within any channel 6 station's 47 dBu contour.

Figure 6 illustrates the two other NCE-FM stations that provide 60 dBu coverage to any portion of the proposed new facility's 60 dBu coverage area. **Figure 7** demonstrates the area in which the proposed new facility will provide a second NCE-FM service, with an area of 178.7 square km (83.38% of the total 60 dBu coverage) and population of 2,603 (65.56% of the total 60 dBu coverage).

The reference coordinates for the center of Livingston Manor NY, the proposed community of license, are 41.9003 N, -74.8282 W. Using the FCC's calculator at fcc.gov/media/radio/distance-and-azimuths, the distance to Radio Catskill Inc. headquarters at 41.7782 N, -74.9275 W (2758 State Route 52, Jeffersonville NY) is 9.863 miles, qualifying Radio Catskill, Inc. as a local applicant.

Based on FCC "FM Model" calculations assuming an EPA Type 1 two-bay antenna, the maximum radiofrequency power density attributable to the proposed station will not exceed 0.19 percent of the General Population / Uncontrolled exposure guideline; therefore, the proposed facility should not have a significant environmental impact. In coordination with other users, applicant 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.

Figure 1
Proposed Coverage Contour

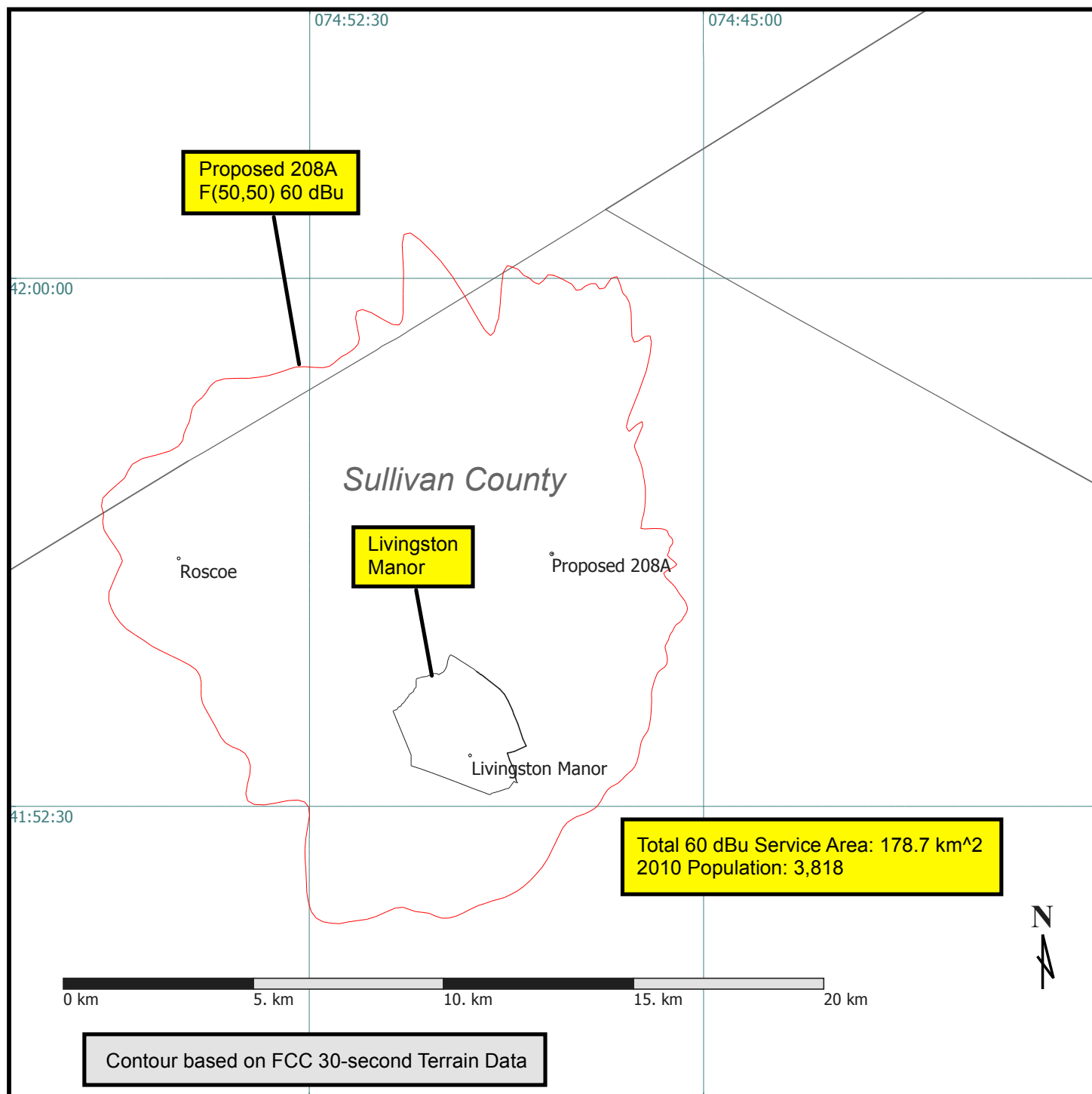


Figure 2
Co-Channel and 1st-Adjacent Contour Protection

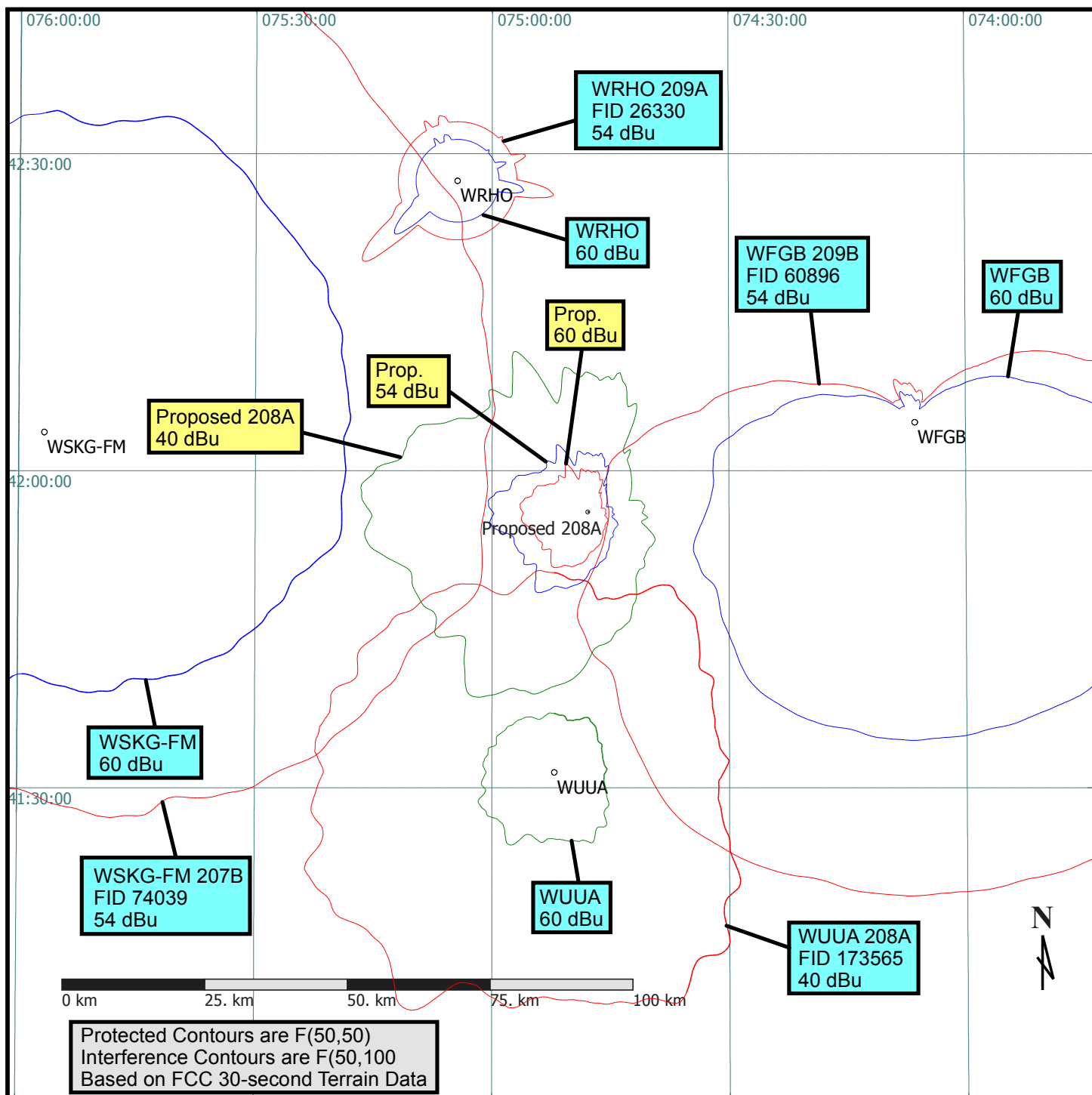


Figure 3

Detail of Clearance from WFGB

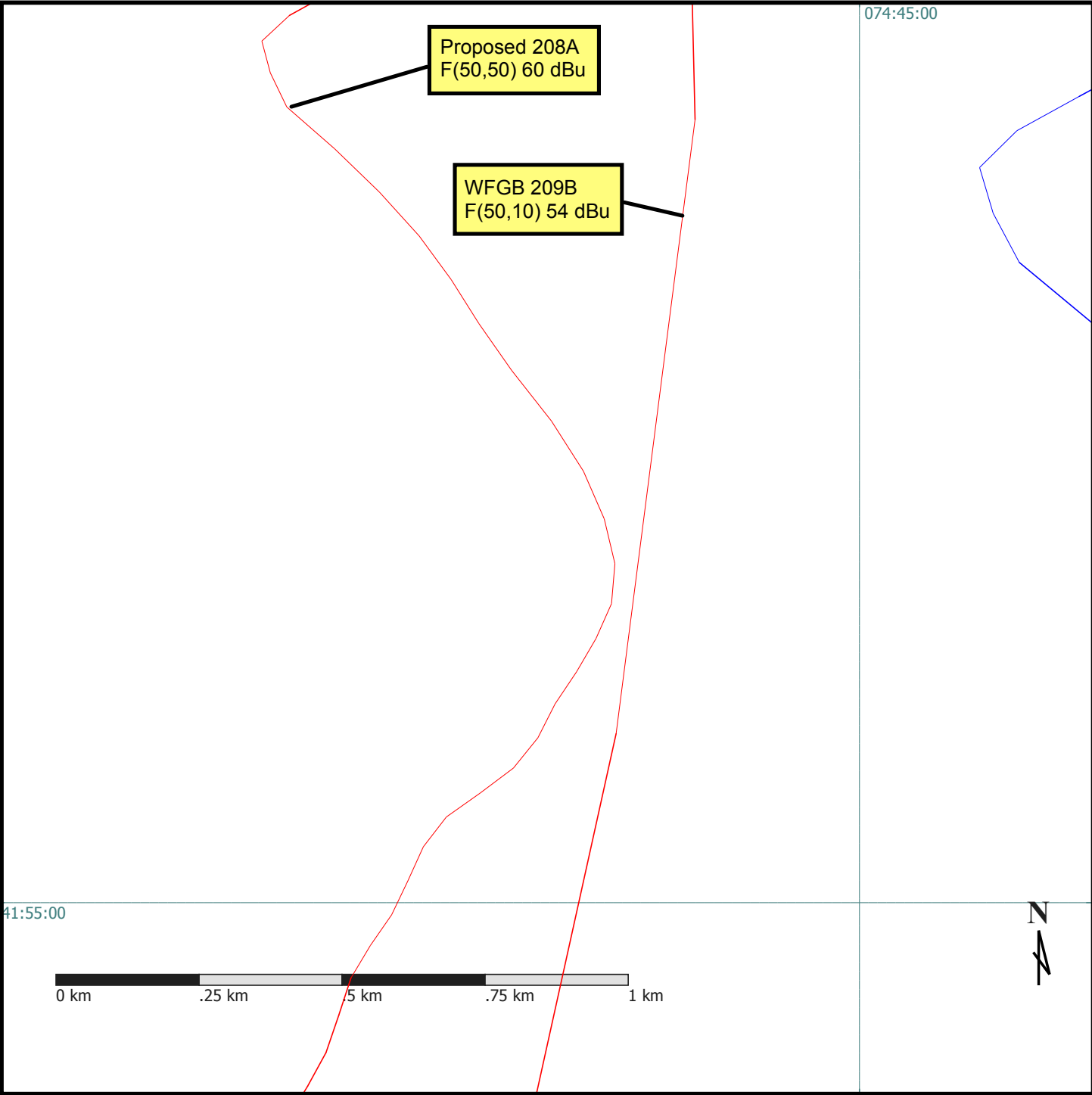


Figure 4
2nd- and 3rd-Adjacent Contour Protection

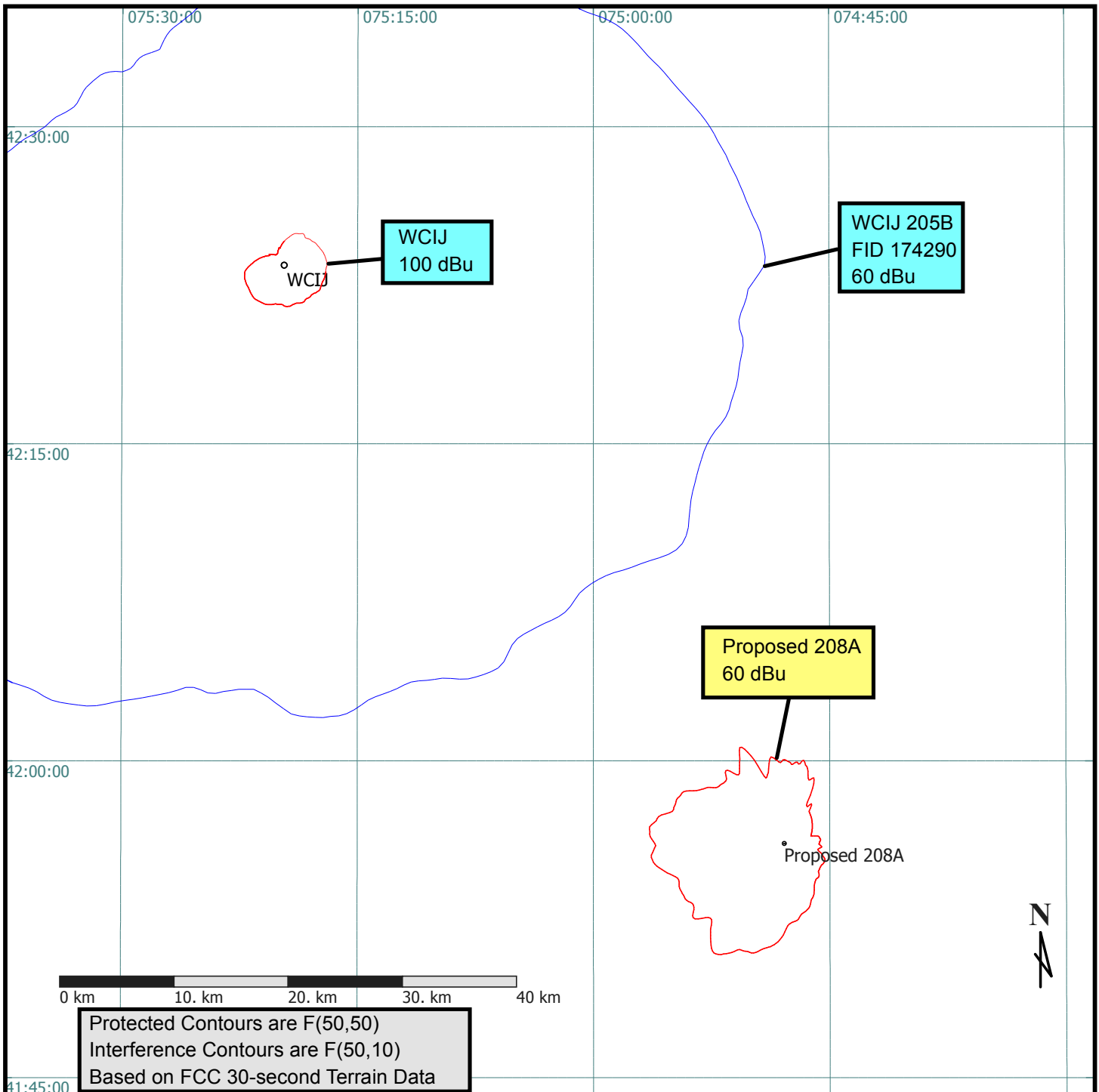


Figure 5

47 CFR §73.525 TV Channel 6 Protection

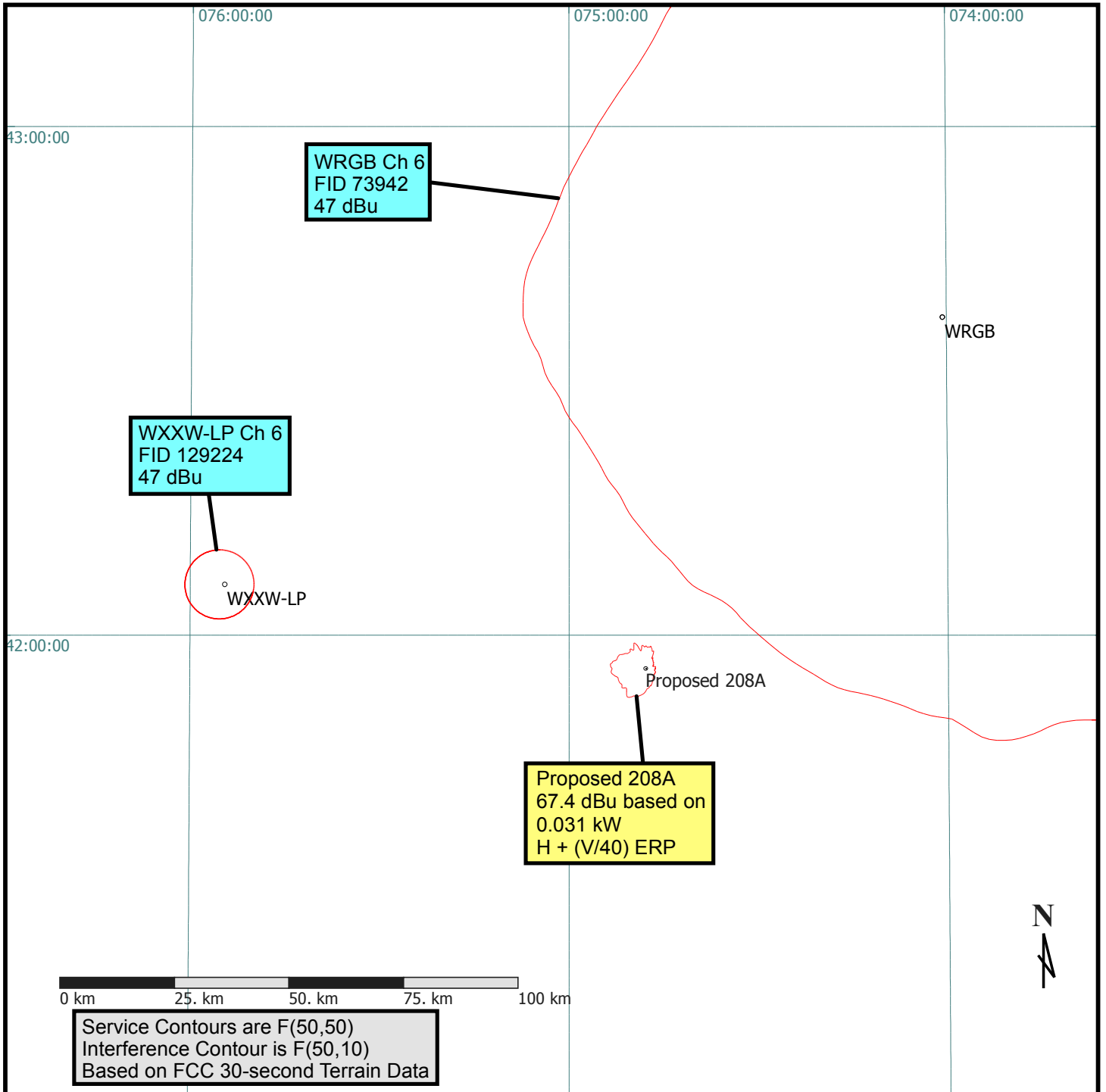


Figure 6
Present NCE Aural Services Overlapping Proposed Service

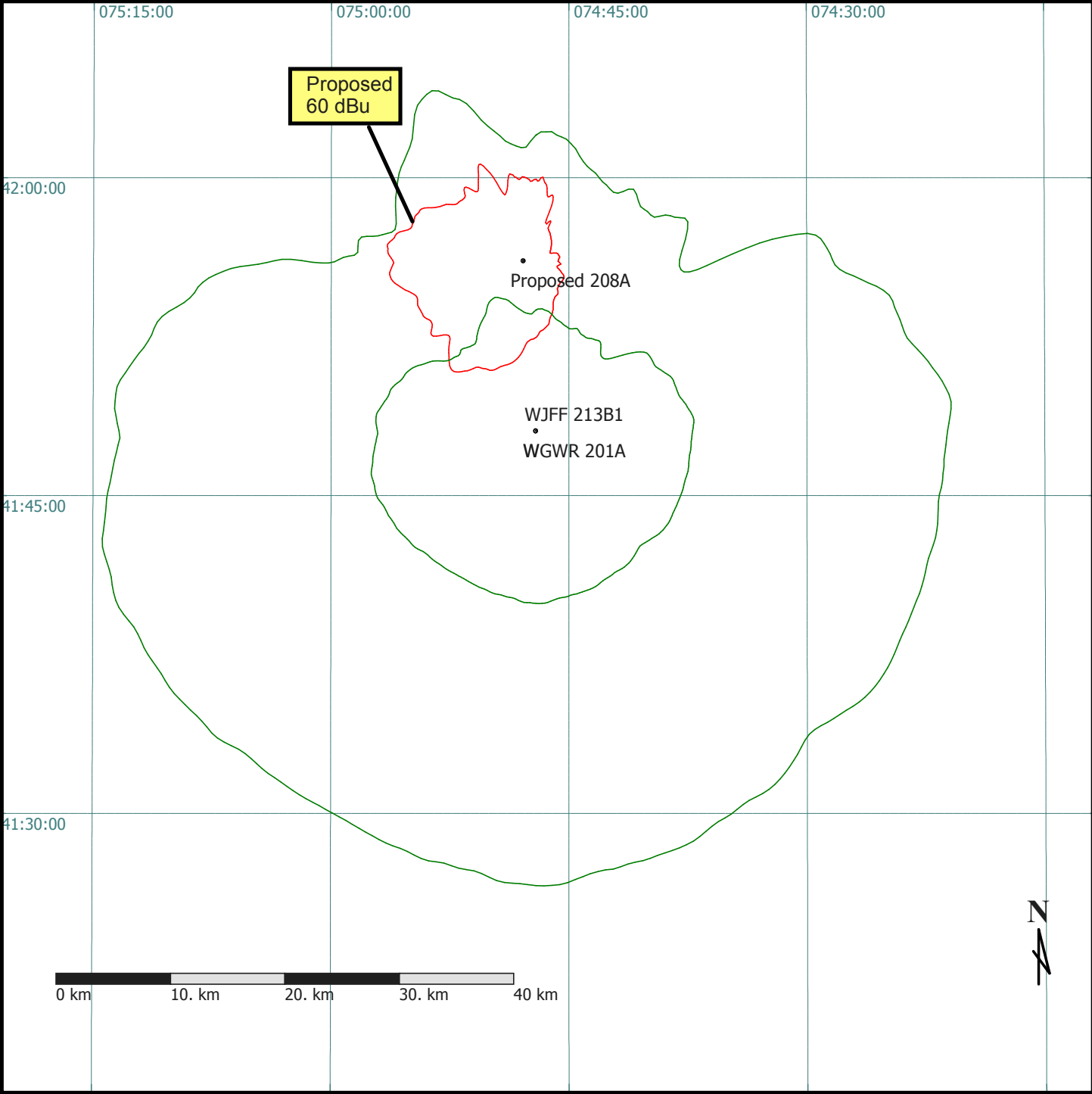


Figure 7

Section 307(b) NCE Aural Service Analysis

PROPOSED Total 60 dBu Service Area: 178.7 km² 2010 Population 3,818 persons
2nd NCE-FM Service Area: 149 km² (83.38%) Population: 2,503 (65.56%)

