

Wesserunsett Arts Council, Inc.

Minor Amendment to Application for New NCE FM at Skowhegan, Maine

File No.: 0000165625 / Facility ID: 762544

Channel 214 (90.7 mHz.) / 0.1 kW Non-Directional Antenna / 200 meters HAAT

TECHNICAL STATEMENT

This application amends the above-captioned pending singleton application to specify reduced ERP and simplify construction by specifying a nondirectional antenna. Applicant is licensee of WXNZ-LP at Skowhegan, and pledges to cancel or divest it if granted.

Sections 73.509 and 73.515

The proposed site overlooks Skowhegan with no obstacles. The following facilities were studied:

| Call Sign | C | ST | City | Freq. ▼ | ERP | Class | STAT | Distance |
|-----------|---|----|------------|---------|---------|-------|------|----------|
| WMEA 90.1 | 2 | ME | PORTLAND | 90.1 | 24500.0 | C | LIC | 123.26 |
| WXBP 90.3 | 2 | ME | CORINTH | 90.3 | 2000.0 | C3 | LIC | 57.08 |
| WRGY 90.5 | 2 | ME | RANGELEY | 90.5 | 90.0 | A | LIC | 66.60 |
| WMEP 90.5 | 2 | ME | CAMDEN | 90.5 | 2000.0 | B | LIC | 72.20 |
| Proposed | 4 | ME | SKOWHEGAN | 90.7 | 100.0 | A | APP | 0.00 |
| WMPG 90.9 | 2 | ME | GORHAM | 90.9 | 4500.0 | B1 | LIC | 118.10 |
| WMEH 90.9 | 2 | ME | BANGOR | 90.9 | 13500.0 | B | LIC | 92.15 |
| WMEW 91.3 | 2 | ME | WATERVILLE | 91.3 | 3000.0 | A | LIC | 25.56 |

The proposed facility meets the requirements of 73.509, as shown in Figures 1 and 2. Contours which are not permitted to overlap under 73.509 are depicted in same colors.

Re: Technical Parameters Question Regarding Population and Area Coverage

The area to which the proposed new NCE FM provides 60 dBu service is 22,219 persons within 665.7 sq km, and includes 100% of Skowhegan. (Source: RadioSoft ComStudy program.)

TV Channel 6 Protection

No full power TV or Class A LPTV stations operates on Channel 6 within 187 km of the proposed Channel 214 facility.

Environmental Considerations

The applicant proposes to mount its antenna on an existing tower with the center of radiation 50 meters above ground level without increasing the overall tower height.

Compliance with RFR exposure rules was established using the RF worksheets in Worksheet #7 of Form 340 Instructions.

The applicant will reduce power or cease operation as necessary in cooperation with other users of the tower to protect workers having access to the roof, tower, or antenna from RFR exposure in excess of FCC guidelines.

Figure 1 – 73.509 Allocation Study

Key: Same colors may not overlap.

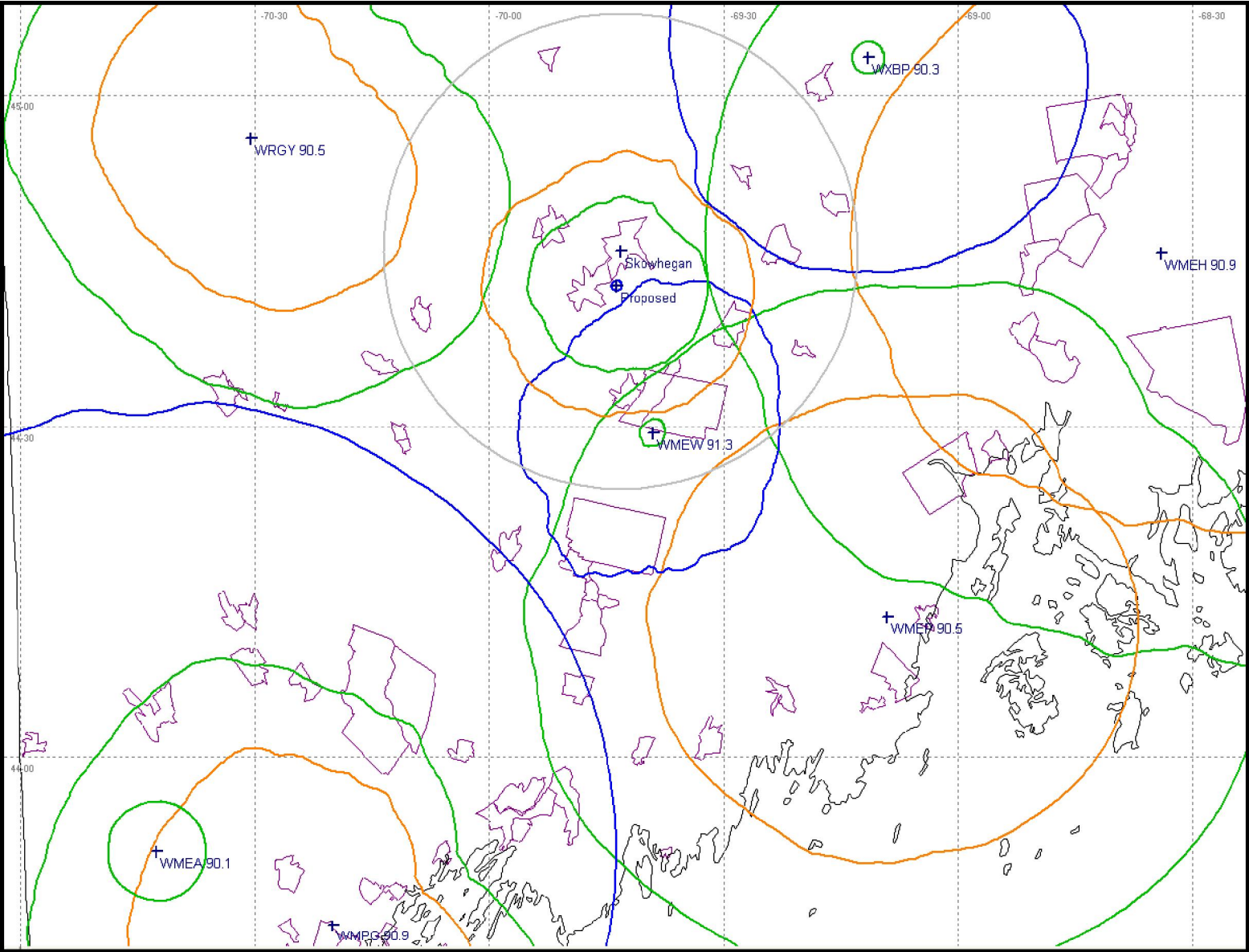


Figure 2 – Closeup Allocation Study

60 dBu Service Contour (green) encompasses 100% of Skowhegan.

Residence communities of officers are indicated.

Entire area shown is within 25 miles of Skowhegan.

(For reference, the distance from 69-30 to 70-00 is 39.7 km or 24.7 miles.)

