

FCC Form 2100 Schedule 340  
NEW NCE FM Station  
THE PRAISE NETWORK INC  
Smith Center KS

## **All Purpose Technical Exhibit**

### **Fair Distribution of Service**

The attached map demonstrates the first noncommercial service area and contour of the proposed facility. Area and Population counts are included thereon.

### **Point System Factors / Tiebreakers**

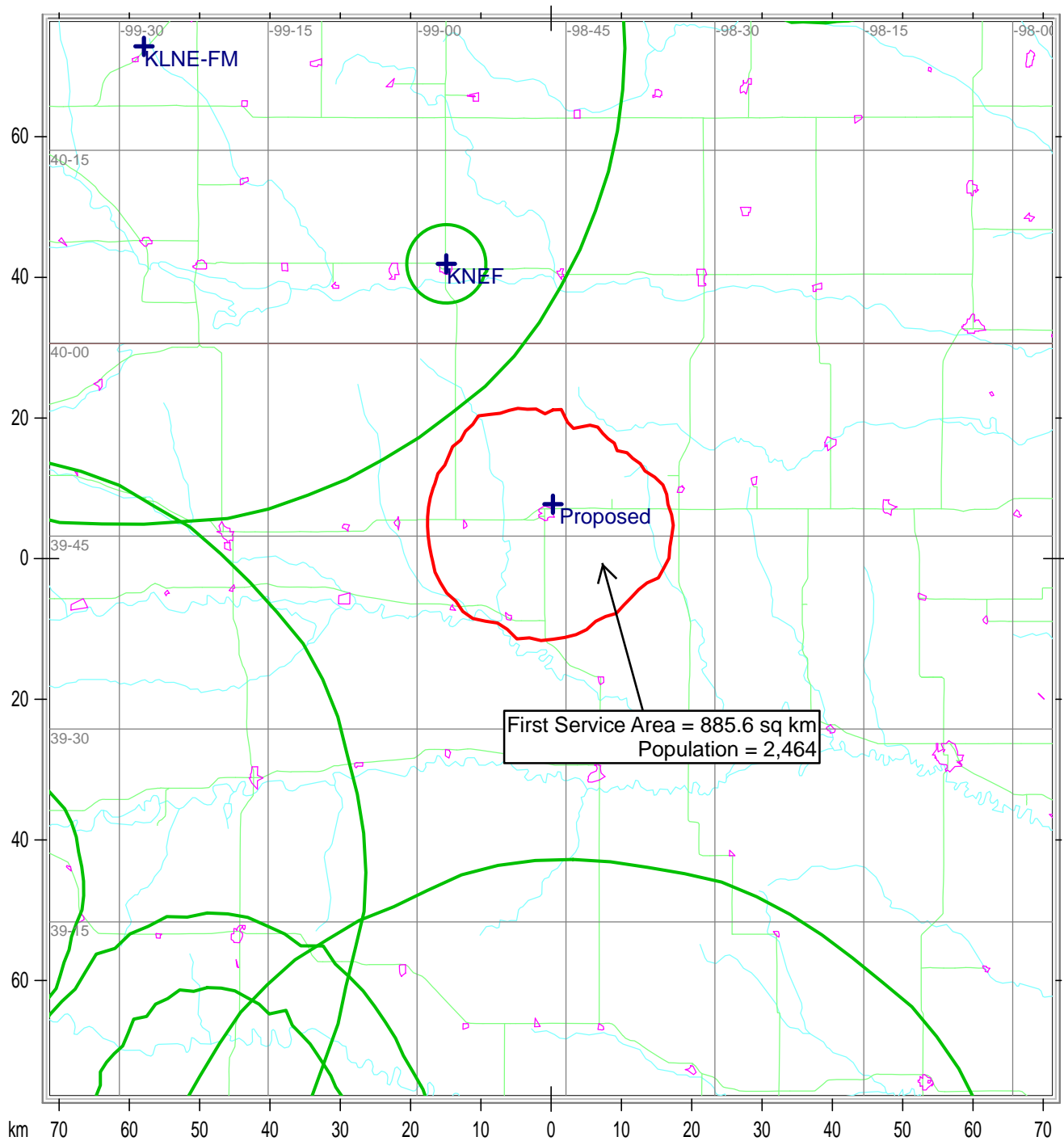
The attached map demonstrates the Diversity of Ownership of the applicant with relation to commonly owned noncommercial stations and non-fill in translator stations. The proposed facility does not overlap any current authorizations of the applicant.

### **Technical Certifications:**

#### **Interference**

The attached map of contours is an accurate depiction of the facility landscape and demonstrates that the proposed facility meets all contour protection requirements. The map utilizes FCC 30 Second Terrain for contour calculations.

## First NEW Noncommercial Service Area Showing



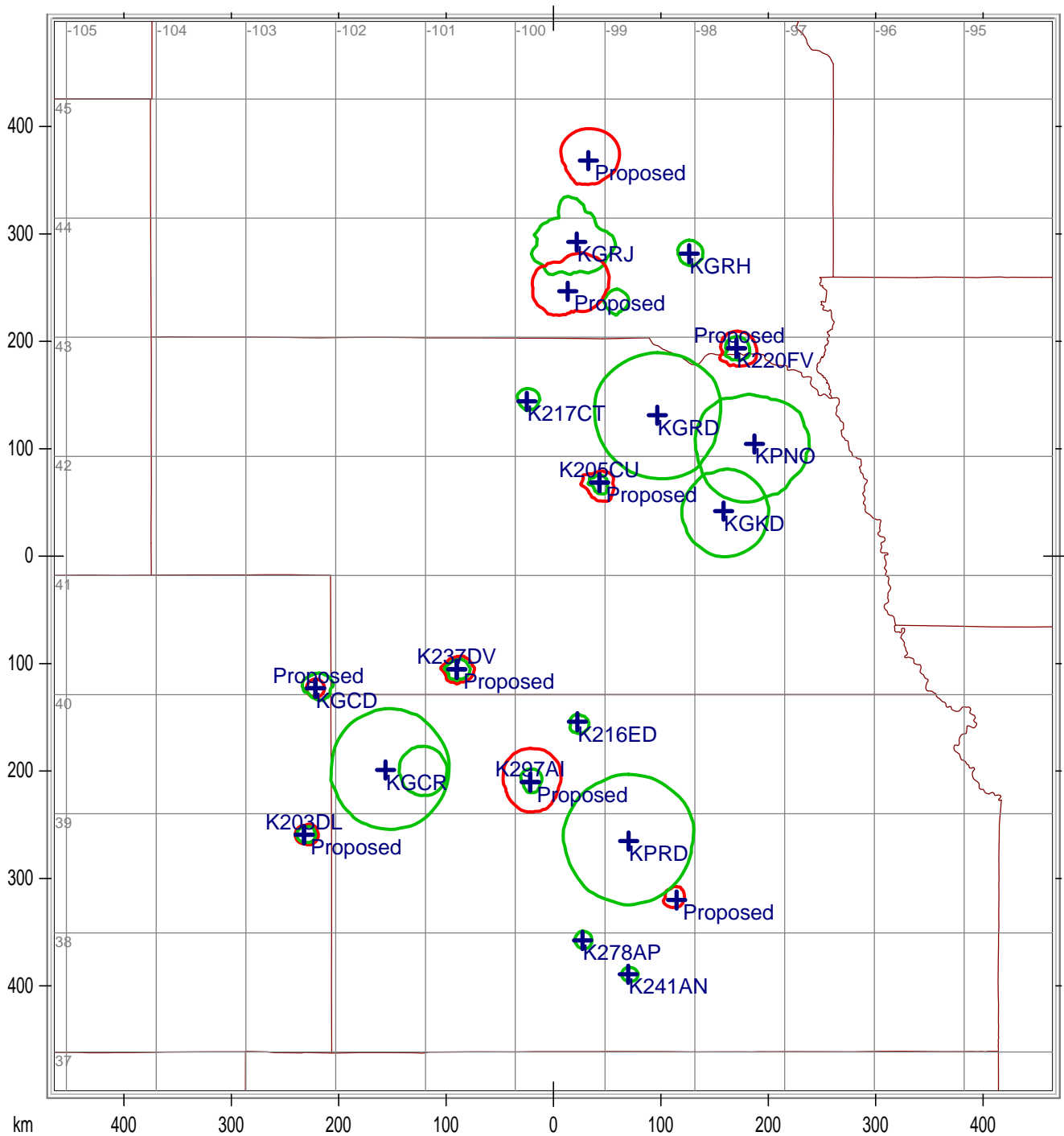
Only Existing NCE Service overlap is shown.

State Borders    City Borders    Highways    Water Features    Lat/Lon Grid

### Data Source & Methodology

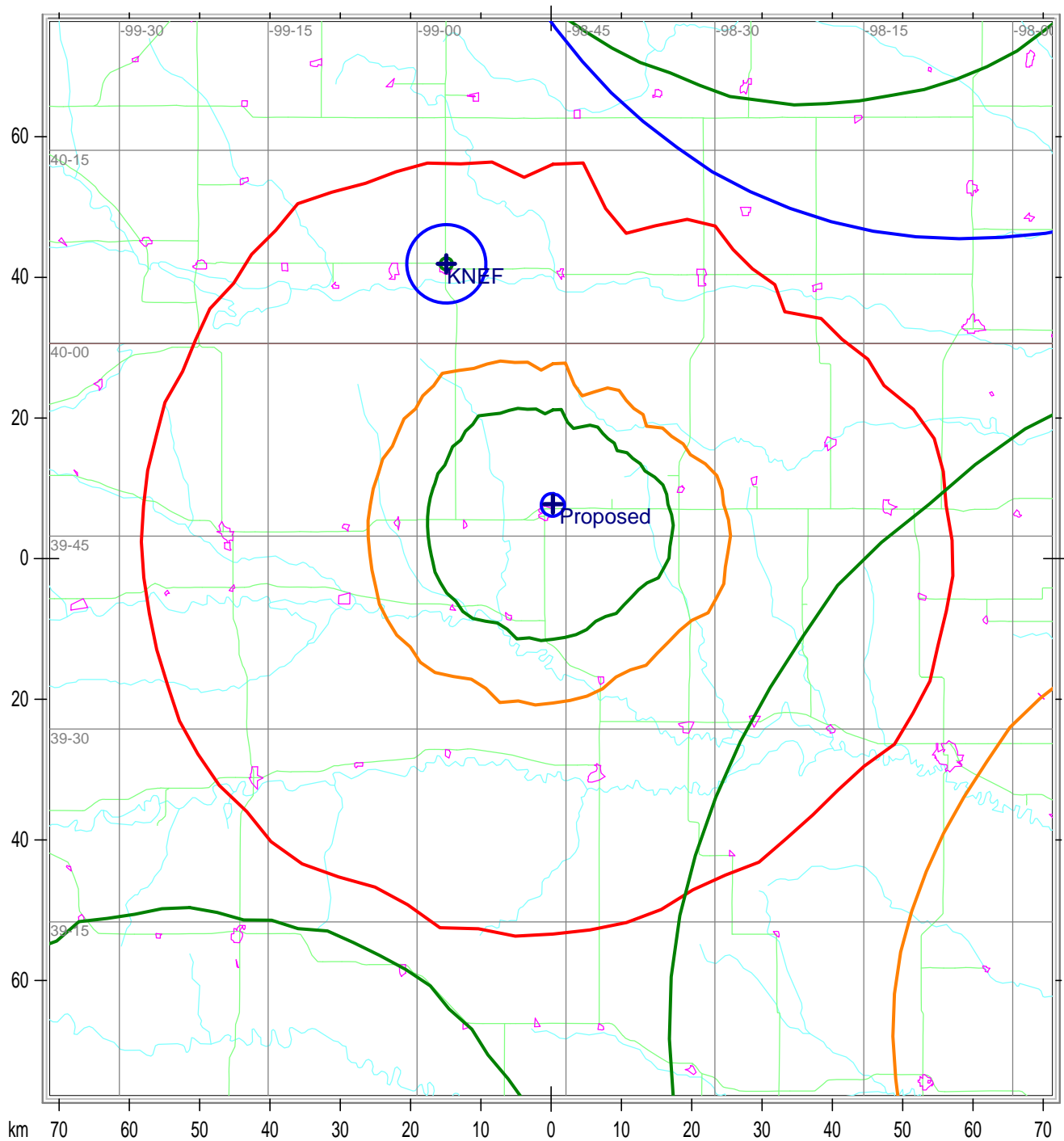
All contour and population calculations are performed using ComStudy 30 Sec FCC Terrain and US Census 2010 Block data underlay.

# Distribution of Service Map All Facilities of Applicant



State Borders Lat/Lon Grid

## Map of Interfering Contours



### Proposed Facility:

Blue - 100dBu(50,10)

Green - 60dBu(50,50)

Orange - 54dBu(50,10)

Red - 40dBu (50,10)

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### Other Facilities

Co-Channel

Red - 60dBu (50,50) Green - 40dBu (50,10)

First Adjacent

Orange - 60dBu (50,50) Green - 54dBu (50,10)

Second/Third Adjacent

Blue - 60dBu (50,50) Green - 100dBu (50,10)

I.F. Separation - Brown

Lat/Lon Grid