

Technical Exhibit  
Application for Construction Permit  
Augusta, WI  
Channel 268C3  
25 kW 100.4m HAAT  
85.5m AGL

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### Predicted Coverage Contours

The proposed HAAT and the predicted 60 dBu contours were calculated along 72 radials in accordance with Section 47 C.F.R. 73.313. The average terrain elevations were calculated using the NED 03 second terrain database.

### Interference Compliance

Required spacings to I.F., co-channel, first, second and third adjacent channels are shown in Figure 1.

### Fair Distribution

The proposed meets the minimum requirement of providing first and/or second service to 10% of the population within the 60 dBu F(50,50) contour. See Figure 2.

Contours are displayed along 360 radials and in accordance with the propagation prediction curves of Section 73.333. Population figures were calculated from the 2000 US Census according to the centroid method.

### RF Electromagnetic Exposure Analysis

Utilizing the OET 65 Mod method of calculating the site RF using V-Soft's RFHAZ program, shows the addition of the Proposed's RF to the site to be minimal. Utilizing a 5 bay Shively Model 6810 antenna with full wave spacing, the maximum downward radiation (F=1.0) at 2m above ground level outside the fence is less than 2% of the controlled standard (see Figure 3). The Proposed's addition to the site is minimal.

The tower is fenced with RF warning signs. The power will be reduced or shut off to allow necessary access to the tower.

Figure 1  
Proposed Augusta, WI

REFERENCE		DISPLAY DATES
44 39 50.1 N.	CLASS = A	DATA 02-19-10
90 57 40.5 W.	Current Spacings to 3rd Adj.	SEARCH 02-26-10
----- Channel 268 - 101.5 MHz -----		

Call	Channel	Location		Azi	Dist	FCC	Margin
WDEZ	LIC 270C	Wausau	WI	73.7	104.5	95.0	9.5
KDWB-FM	LIC 267C	Richfield	MN	285.2	176.5	165.0	11.5
WIBA-FM	LIC 268B	Madison	WI	146.9	212.3	178.0	34.3
WIBA-FM	CP 268B	Sauk City	WI	146.9	212.3	178.0	34.3
KHME	LIC-Z 266C3	Winona	MN	216.9	81.9	42.0	39.9
KRCH	LIC 269C2	Rochester	MN	246.7	150.5	106.0	44.6
WJNR-FM	LIC 268C1	Iron Mountain	MI	59.6	262.8	200.0	62.8

Figure 2

Fair Distribution of Service

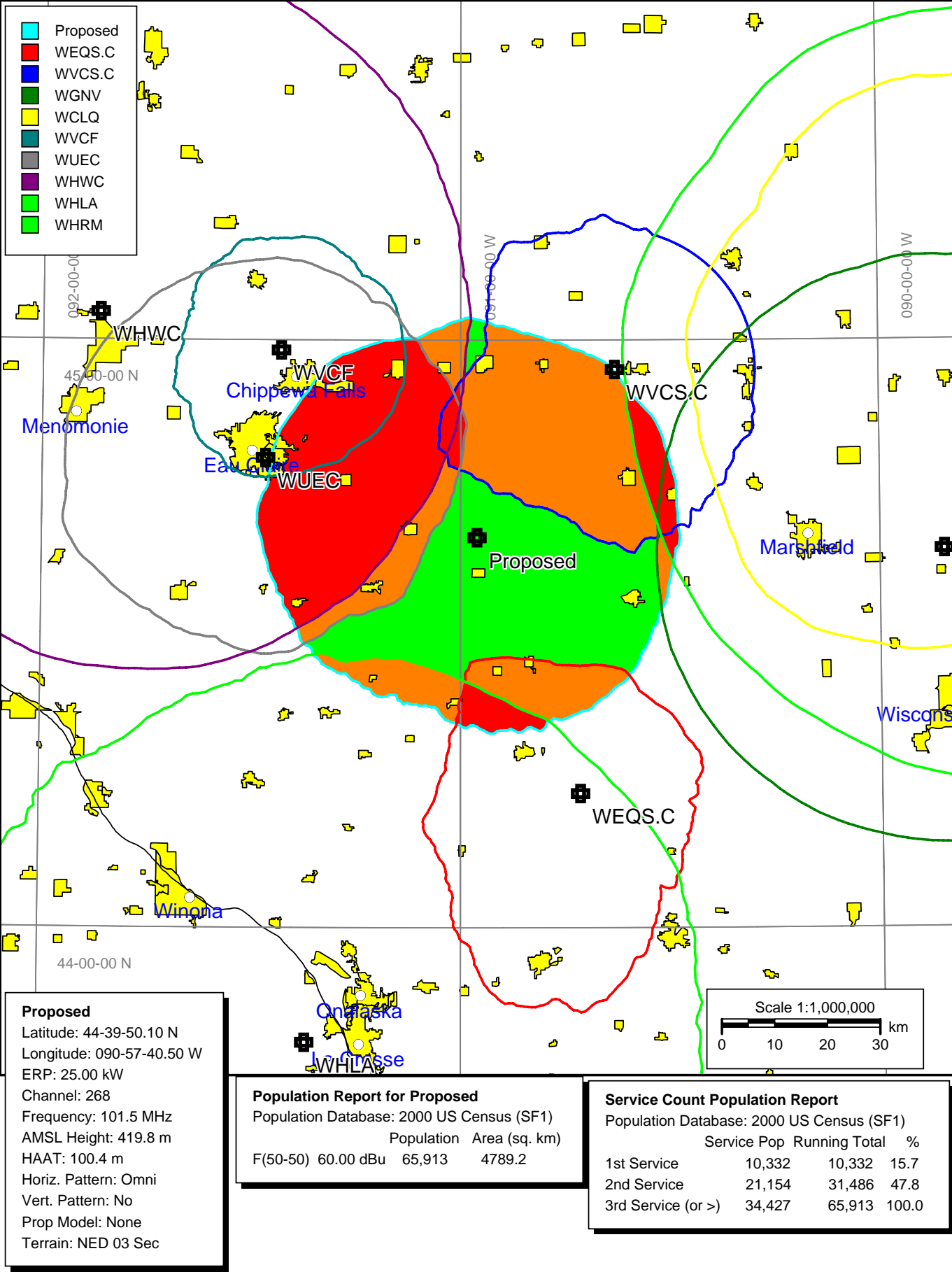


Figure 3

