

### Exhibit 33 WCBB-DT

Maine Public Broadcasting Corporation dba Maine Public Broadcasting Network (MPBN) will operate WCBB-DT on channel 10 after February 18, 2009. The DTV final table of allotments appendix B depicts WCBB operating with directional antenna pattern 74406 located at latitude 44-09-16 and longitude 70-00-37. In 2002, MPBN replaced the WCBB-TV analog antenna with a Dielectric TCL-12A10(s) antenna in anticipation of the cessation of our analog service and ultimate conversion of our digital operations to channel 10.

The following table lists the discrepancies between appendix B of the Final Table of Allotments and the actual station license for facility 39659 WCBB.

<b>Parameter</b>	<b>Appendix B</b>	<b>Facility license 39659</b>
Latitude	44-09-16	44-09-15
Longitude	70-00-37	70-00-37
Antenna ID	74406	Non-directional
HAAT	305 meters	304 meters
ERP	15.3 kW	Calculated to 13.3 kW

The minor discrepancies associated with the Latitude (1 second) and HAAT (1 meter) are submitted on this application using the facility parameters. The ERP was calculated to maintain the noise limited contour of the TCL-12A10(s) antenna to no more than the lowest relative field strength of antenna pattern 74406 which is .949 at 310 degrees. Calculations show a reduction in ERP to 13.3 kW meets this criterion.

$$\text{ERP dBk} = 10 \log 15.3 \text{ kW} = 11.85 \text{ dBk}$$

$$11.85 \text{ dBk} * .949 = 11.25 \text{ dBk}$$

$$11.25 = 10 \log (x)$$

$$\log (x) = 1.125$$

$$x = 13.3 \text{ kW}$$

This adjusted ERP will not exceed 5% maximum population reduction criteria. Population counts derived from 2000 census and V-soft Probe 3 propagation modeling program shows for directional antenna operating at 16.4 kW ERP as

Transmitter Information:

Call Letters: WCBB-D  
File Number:  
Latitude: 44-09-16 N  
Longitude: 070-00-37 W  
ERP: 15.30 kW

Channel: 10  
Frequency: 195.0 MHz  
AMSL Height: 389.0 m  
Elevation: 199.38 m  
Horiz. Antenna Pattern: Directional  
Vert. Elevation Pattern: Yes  
Electrical Beam Tilt: 0.0

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Total Population Within Contour: 861,777  
Total Housing Units Within Contour: 425,081  
Total Area Within Contour: 28754.56 sq. km

### Population counts for non-directional antenna operating at 13.3 kW ERP as

#### Transmitter Information:

Call Letters: WCBB-om  
File Number:  
Latitude: 44-09-16 N  
Longitude: 070-00-37 W  
ERP: 13.32 kW  
Channel: 10  
Frequency: 195.0 MHz  
AMSL Height: 389.0 m  
Elevation: 199.38 m  
Horiz. Antenna Pattern: Omni  
Vert. Elevation Pattern: Yes  
Electrical Beam Tilt: 0.5

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Total Population Within Contour: 855,429  
Total Housing Units Within Contour: 421,228  
Total Area Within Contour: 28300.30 sq. km

This calculates as

$861,777 / 855,429 = 1.0074$  or .74% reduction in population served. This value is well below the maximum 5% criteria.