

TECHNICAL EXHIBIT
DIGITAL FLASH-CUT APPLICATION FOR
CLASS A TV STATION WOMS-CA (FACILITY ID 67895)
MUSKEGON, MICHIGAN
CH 29 0.055 KW (MAX-DA)

Technical Narrative

This Technical Exhibit supports a flash-cut application for Class A television station WOMS-CA. Station WOMS-CA is licensed to operate on analog channel 29 with a directional antenna maximum (visual) effective radiated power (ERP) of 8.3 kW and an antenna height above mean sea level (RCAMSL) of 329 meters (BLTT-19910412JP).

Proposed Facilities

This application proposes digital operation on the currently authorized channel (29), using a new directional antenna at a new transmitter site. The proposed transmitter site is located 3.7 kilometers north of the current site: 43-15-45 N, 86-04-34 W (NAD 27). A Dielectric (DIE) TLP-8F directional antenna, oriented at 230 degrees True, with a maximum ERP of 0.055 kW and antenna RCAMSL of 342 meters is proposed. The FAA has been notified of the proposed 137 meter structure (449 feet) structure and has assigned study number 2006-AGL-1741-OE.

Figure 1 is a map showing the authorized 74 dBu (analog) and proposed 51 dBu (digital) coverage contours. As can be seen on the map, there is common area where both contours overlap. In addition, since WOMS-CA is a Class A station, the proposed DC contour is completely within the authorized analog contour, complying with the current FCC Freeze.

Allocation Considerations

A study has been conducted to assure that the proposal will not create prohibited interference with other licensed, authorized or pending analog or digital TV, LPTV/translator and Class A TV stations. Using the procedures outlined in the FCC's OET-69 Bulletin, a 2 kilometer grid and 1990 U.S. Census, the proposal complies with the current FCC policy (i.e., less than 0.5% new interference caused to other pertinent assignments). If necessary, a waiver of the FCC rules is respectfully requested based on use of the procedures outlined in the FCC's OET-69 Bulletin.

The applicant understands that it must correct and/or eliminate prohibited interference that may result from its proposed operation.

Radiofrequency Electromagnetic Field Exposure

The proposed WOMS-CA facilities were evaluated in terms of potential radio frequency (RF) energy exposure at ground level to workers and the general public. The radiation center for the proposed antenna is located 134 meters above ground level. The proposed ERP is 0.055 kW. Based on a conservative downward relative field of 1.0, the calculated power density at a point 2 meters (6.6 feet) above ground level will not exceed 0.0001 mW/cm^2 , which is less than 5% of the FCC's recommended limit of 0.38 mW/cm^2 for channel 29 for an "uncontrolled" environment.

Access to the transmitting site will be restricted and appropriately marked with warning signs. In the event that workers or other authorized personnel enter restricted areas or climb the tower, appropriate measures will be taken to assure worker safety with respect to radio frequency radiation exposure. Such measures include reducing the average exposure by spreading out the work over a longer period of time, wearing "accepted" RFR protective

clothing and/or RFR exposure monitors or scheduling work when the stations are at reduced power or shut down.

It is noted that this statement only addresses the potential for radiofrequency electromagnetic field exposure. All other aspects of the environmental processing analysis will be or already have been provided to the FCC by the tower owner as part of the tower registration process.

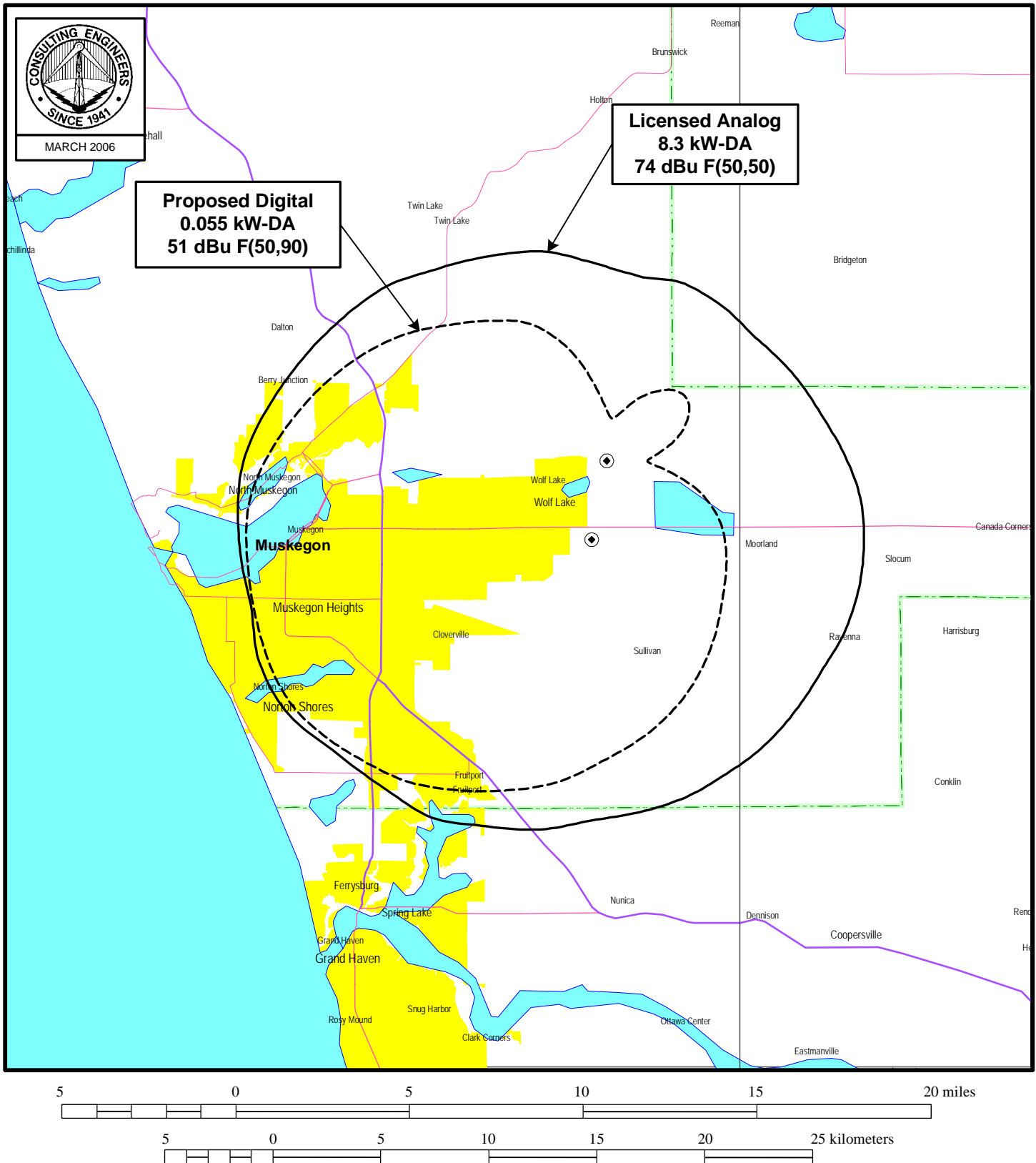


Jonathan N. Edwards

du Treil, Lundin & Rackley, Inc.
201 Fletcher Avenue
Sarasota, Florida 34237
(941) 329-6000

March 28, 2006

Figure 1



PREDICTED COVERAGE CONTOURS
STATION WOMS-CA
MUSKEGON, MICHIGAN

du Treil, Lundin & Rackley, Inc Sarasota, Florida