

B. W. St. Clair

ENGINEERING STATEMENT IN SUPPORT OF APPLICATION FOR LPTV CONSTRUCTION PERMIT

**Application to channel 38, Milwaukee, WI
W53CC CP, FCC ID 56213
FCC File Number BMPTTL-20000714AAX
MS Communications, LLC**

- 1. Displacement.** This application seeks displacement relief from an out-of-core channel to an in-core channel.
- 2. Interference study.** The following facilities' protected contours are intersected by the appropriate respective interfering contours or are short-spaced by rule from the applicant's proposal. Accordingly, Longley Rice studies were performed using OET Bulletin 69 methodology to determine the presence or absence of actual interference.

The stations studied are:

WCPX (38-) Chicago, IL - BLCT2495
WCPX.CP (38-) Chicago, IL - BPCT19990922AAU
WMVT-DT.CP (35) Milwaukee, WI - BPEDT19990429KV
WMVT.CP (36Z) Milwaukee, WI - BPET19940610KE
WMVT (36Z) Milwaukee, WI - BLET19810501KE
WQAD-DT.CP (38) Moline, IL - BMPCDT20011213AAB
WCGVTV.CP (24+) Milwaukee, WI - BPCT19950629KH
WCGVTV (24+) Milwaukee, WI - BLCT19920902KF
WPNE.CP (38Z) Green Bay, WI - BMPET20010914AAZ
WPNE (38Z) Green Bay, WI - BLET20010914ABB
W38CT (38+) Madison, WI - BLTT20021203ACA

A summary of the studies indicates that interference caused/contributed by the within application to the listed stations, respectively, is as follows:

WCPX (38-) Chicago, IL - BLCT2495 - **0.270%**.
WCPX.CP (38-) Chicago, IL - BPCT19990922AAU - **0.192%**.
WMVT-DT.CP (35) Milwaukee, WI - BPEDT19990429KV - **NONE**.
WMVT.CP (36Z) Milwaukee, WI - BPET19940610KE - **NONE**.
WMVT (36Z) Milwaukee, WI - BLET19810501KE - **NONE**.
WQAD-DT.CP (38) Moline, IL - BMPCDT20011213AAB - **NONE**.
WCGVTV.CP (24+) Milwaukee, WI - BPCT19950629KH - **NONE**.
WCGVTV (24+) Milwaukee, WI - BLCT19920902KF - **NONE**.
WPNE.CP (38Z) Green Bay, WI - BMPET20010914AAZ - **0.033%**.
WPNE (38Z) Green Bay, WI - BLET20010914ABB - **0.033%**.
W38CT (38+) Madison, WI - BLTT20021203ACA - **0.335%**.

Because all interferences shown are less than 0.5%, waiver of §73.705, 73.706 and 73.707 is requested as applicable in order to allow the within application to proceed to the permitting process.

The printouts of these studies as run on V-Soft, Inc. Probe II software are retained in this office and available upon request. Interference signal resolution in no case exceeds 2 km nor does the terrain interval exceed 1 km.

J. R. McDonald
August 12, 2003

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