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B. W. St. Clair, Inc.

Engineering Statement
in support of a
Minor Change to a Construction Permit, BMPD TT-20071220AAG
Channel 30, Liberty, NY
JOHN MESTER INCOME FAMILY TRUST

BACKGROUND

Applicant holds a license for W30AZ at the present time. John Mester Income Family Trust is filing a minor change to a digital construction permit to rotate the antenna pattern clockwise 80° to a new heading of 100°. All other parameters remain the same.

INTERFERENCE ANALYSIS

Interference to the following stations was studied using "Population Loss Studies" based on the "Longley-Rice Terrain Algorithm" in accordance with OET Bulletin 69.¹ Population loss for these stations is less than 0.5%. *Cell size for service analysis is 1.0 km/side and distance increments for Longley-Rice Analysis is 1.0 km*

FULL SERVICE ANALOG & DTV STATIONS

None

ANALOG & DIGITAL LPTV STATIONS

None

Prepared By:
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¹ The analysis was performed on a Sun "Blade" Computer using the exact replica of the FCC program. Population losses of less than 0.5% are not reported in detail. Only an indication of no interference is shown.