

MODIFY BPED-19951206MB
CHRISTIAN MINISTRIES, INC.
WAVX RADIO STATION
CH 215C2 - 90.9 MHZ - 2.7 KW
SCHUYLER FALLS, NEW YORK
August 2004

TECHNICAL STATEMENT

This Technical Statement and attached exhibits were prepared on behalf of Christian Ministries, Inc. ("CMI"), permittee of WAVX, Channel 215C2, Schuyler Falls, New York. CMI herein proposes to modify the outstanding permit by changing the directional antenna pattern, with a slight reduction in power, and correcting the data on the site elevation at the location proposed for the WAVX facility.¹ The need to change the directional antenna was due to the unique nature of the originally proposed envelope pattern. The antenna manufacturer, Shively Labs, could not build a system which would meet the RMS requirements of the pattern on the existing tower on which the antenna is to be installed. Therefore, a revised pattern was developed in conjunction with Shively, which is proposed in this instant application. It is further noted that the outstanding permit for WAVX (an unbuilt facility) will expire on November 27, 2004. Because of the location of the facility, construction after October 1st will be difficult due to snow and ice conditions. Therefore, CMI respectfully requests expedited processing of this modification application.

CMI is proposing to remain at its permitted site, with no change in height above ground. As such, the Federal Aviation Administration has not been apprised of this proposal. The tower

1) The tower on which the proposed WAVX antenna is to be located has been registered with the Commission, and the site data on the registration did not agree with the data originally submitted in BPED-19951206MB. The data used was the best available information at the time, since the tower had not yet been registered.

has been registered with the Commission and assigned Antenna Structure Registration #1007293. All exhibits called for on FCC Form 340, Section VII, are attached hereto, including an analysis of the proposed facilities in comparison to all other potentially impacted non-commercial stations on co- and adjacent channels (see Exhibit A). There are no domestic VHF television stations within 180 kilometers of this proposal. Further, based on the power of the proposed facility and the antenna height above ground, combined with that of other site users, the use of the Commission's RF worksheets to demonstrate compliance with the radio frequency exposure guidelines was not possible. Therefore, attached as Exhibit B is a study which shows the proposed WAVX facility is in compliance with the Commission's RF exposure limits. All other exhibits used to certify the information contained in the application have been forwarded to CMI and are available for submission to the Commission upon request.