

ENGINEERING REPORT COVERING
REQUEST FOR CONSTRUCTION PERMIT
ON BEHALF OF ANASTOS MEDIA GROUP, INC.
FOR WUAM(AM) 900 KILOHERTZ
WATERVLIET, NEW YORK

JANUARY 2007

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SUMMARY

The engineering exhibit of which this statement is part was prepared on behalf of Anastos Media Group, Inc., hereinafter referred to as “Anastos”, in support of an application for construction permit to relocate the transmitter site of WUAM(AM) Saratoga Springs, New York and change city of license to Watervliet, New York. Anastos is the licensee of WUAM. Anastos proposes power of 400 watts daytime and 75 watts nighttime on the presently authorized frequency of 900 kilohertz employing a non-directional antenna system. No other changes are proposed. A technical narrative with associated engineering exhibits in support of the city of license change is submitted as an appendix to this report.

The proposed location is the presently licensed site of WAMC(AM) Albany, New York. Diplexing equipment will be installed to enable WUAM and WAMC to diplex at the WAMC site.

DAYTIME ALLOCATION CONSIDERATIONS

The geographic area encompassed by the WUAM daytime allocation study is vast and as a consequence, a conventional allocation map would be hard to read. Accordingly, several maps that provide greater allocation detail in critical areas are provided in lieu of a conventional map.

The existing licensed operation of WUAM causes and receives prohibited contour overlap with co-channel station WBRV Boonville, New York. Figure 1 is a co-channel allocation map. The first adjacent channel mapping is provided on Figure 2. There are no second or third adjacent channel stations that impact the proposed WUAM operation. The WUAM proposal slightly reduces the amount of prohibited contour overlap with WBRV. The proposed WUAM daytime operation does not create new prohibited contour overlap with any authorized station.

NIGHTTIME ALLOCATION CONSIDERATIONS

The protected RSS limits of any North American station will not be increased by this proposal. The presently licensed 47 watt night operation of WUAM is a class D facility and the proposed night operation of 75 watts will continue WUAM's Class D status.

TECHNICAL DATA AND EXHIBITS

A map of the city of license service contour for the proposed WUAM daytime operation is provided as Figure 3. The WUAM proposed day operation will provide city grade service to 100% of the city of license, Watervliet, New York. Figure 4 is a map that plots the proposed WUAM

daytime 1000 mv/m contour. All distance to contour calculations used in plotting the various allocation maps were based on M-3 soil conductivity data except measured data was used from the proposed site on WAMC for bearings of 294 and 314 degrees true. Radials were measured on WBRV Boonville, New York for bearings of 117 and 137 degrees true. Tables 1-4 are tabulations of the field measurement data and Figures 5-8 provide a graphical analysis of the data. The reference graphs employed for the measurement analysis are included as Figures 9 and 10.

The field strength measurements were taken by Jack Shafer, contract engineer for Anastos, under the direction of the undersigned. The meter used for the measurements was a Potomac Instruments FIM-41, serial number 769, last calibrated January 24, 1979. The meter was compared to a similar meter of recent calibration and found to be in agreement on all pertinent

ANSI RADIATION GUIDELINES

A study of the proposed facility was conducted with respect to standards set forth in FCC Bulletin OST Number 65, Edition 97-01, regarding human exposure to radiofrequency radiation. In order to represent a worst case scenario, the study was based on the maximum power proposed, 400 wattst for the daytime antenna system, radiating from a single tower. The study calculations were based on data provided in Tables 1 and 2 of Supplement A, "Predicted Distances for Compliance with FCC Limits". Based on Tables 1 and 2, a distance of 2.08 meters from the tower would have to be observed to achieve ANSI radiofrequency compliance.

When it is necessary for workers to be within the hazard area near the towers, an appropriate power reduction or temporary cessation of broadcasting will be implemented. Access to the towers will be prevented by a fence with a locked gate. Signs, warning of a RF hazard, will be conspicuously posted at the site.

DECLARATION

The foregoing was prepared by or under the immediate supervision of Charles A. Hecht of Charles A. Hecht & Associates, Inc., Pittstown, New Jersey, whose qualifications are a matter of record with the Federal Communications Commission. All statements herein are true and correct of his knowledge except such statements made on information and belief, and as to those statements, he believes them to be true and correct under the penalty of perjury.

Respectfully submitted,

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January 18, 2007