

**MINOR CHANGE APPLICATION**  
**HOMETOWN RADIO INC.**  
**WIRY AM RADIO STATION**  
**1340 kHz - 1.0 kW - NDU**  
**PLATTSBURGH, NEW YORK**  
**July 2008**

**TECHNICAL STATEMENT**

This Technical Exhibit supports the application by Hometown Radio Inc. ("HRI"), licensee of AM broadcast station WIRY, 1340 kHz, Plattsburgh, New York, to make minor changes in the WIRY facilities. WIRY is presently authorized to operate with a non-directional daytime and nighttime power of 1.0 kilowatt at a site west of downtown Plattsburgh. HRI herein proposes to relocate WIRY to the Plattsburgh Terminals, Inc., industrial site, which is located just south of Plattsburgh, while maintaining the daytime and nighttime power of 1.0 kilowatt. HRI has lost its present site and must be relocated as quickly as possible, as such, expedited processing of this instant application is requested.

WIRY proposes to utilize an 85 foot Valcom Antenna, as detailed in FCC Public Notice DA 08-448.<sup>1</sup> The ground system will be a Valcom Antenna ground system kit, consisting of 120 buried radials, each 120 feet in length, as specified in DA 08-448. The radiator efficiency of the

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1) Since the proposed antenna is less than 200 feet, the Federal Aviation Administration was not apprised of this proposal.

antenna is 287.5 mV/m, as specified by Valcom, for 1340 kHz, utilizing the 85-foot monopole.

A property plat of the proposed WIRY site with the proposed ground system shown on the plat is included with this application. In addition, a satellite photograph of the proposed site is included.<sup>2</sup>

The present and proposed daytime 1000 mV/m, 5.0 mV/m, 2.0 mV/m and 0.5 mV/m service contours and the nighttime interference free contours are shown in Exhibits #1A through #1C. The proposed 5.0 mV/m daytime city grade service contour completely encompasses the city of Plattsburgh, New York. Due to the relocation, the predicted 1000 mV/m contour encompasses 13 persons. There are no AM broadcast facilities within 3.0 kilometers of the WIRY transmitter site. There are numerous FM and TV facilities (Exhibit #1J) within 10.0 kilometers. As indicated in Exhibit #3, there are no Critical Hours limitations to daytime radiation for WIRY.

Exhibit #2A is a computer generated list of all stations potentially impacted by the WIRY proposed changes. The remainder of Exhibit #2 visually demonstrates the lack of interference during daytime hours to other stations, authorized or proposed, as well as tabulations of the stations' contours and ground conductivities included in the final analysis.

Exhibit #3 depicts the Nighttime Interference Free Contour calculations of the present and proposed WIRY. The allocation clearance for nighttime operation complies with

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2) The undersigned has evaluated only the radio frequency radiation exposure limits of this proposal. All data regarding broadcast facilities was extracted from the CDDBS database. We assume no liability for errors or omissions in that database that may be adverse to the requests contained herein.

§73.182(a)(3).<sup>3</sup> Exhibit #4 is RF Worksheet #2: AM demonstrating compliance with radio frequency radiation exposure compliance by WIRY.

Since HRI does not own any other broadcast stations, this minor change application is in compliance with the Commission's multiple ownership rules, and a Radio Market Analysis is not necessary. All other necessary documentation used to certify the technical portion of FCC Form 301 has been forwarded to HRI is available to the Commission upon request.

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3) §73.182 Engineering standards of allocation. ... (3) Class C stations operate on local channels, normally rendering primary service to a community and the suburban or rural areas immediately contiguous thereto, with powers not less than 0.25 kW, nor more than 1 kW, except as provided in §73.21(c)(1). Such stations are normally protected to the daytime 0.5 mV/m contour. On local channels the separation required for the daytime protection shall also determine the nighttime separation. Where directional antennas are employed daytime by Class C stations operating with more than 0.25 kW power, the separations required shall in no case be less than those necessary to afford protection, assuming nondirectional operation with 0.25 kW. In no case will 0.25 kW or greater nighttime power be authorized to a station unable to operate non-directionally with a power of 0.25 kW during daytime hours. The actual nighttime limitation will be calculated. For nighttime protection purposes, Class C stations in the 48 contiguous United States may assume that stations in Alaska, Hawaii, Puerto Rico, and the U.S. Virgin Islands operating on 1230, 1240, 1340, 1400, 1450, and 1490 kHz are Class C stations.