

MINOR CHANGE APPLICATION
BLUEBERRY BROADCASTING, LLC
WABK (AM) RADIO STATION
has: 910 kHz - 5.0 kW DAN
req: 910 kHz - 0.21/5.0 kW NDU
BANGOR, MAINE
September 2018

TECHNICAL STATEMENT

This Technical Statement supports the application by Blueberry Broadcasting, LLC (“Blueberry”), licensee of AM station WABK, 910 kHz, Bangor, Maine. Blueberry herein proposes to make changes in the WABK licensed facilities by eliminating the nighttime directional antenna system, reducing nighttime power, and relocating nighttime operation to the daytime non-directional tower. The proposed facility will continue to provide the necessary daytime coverage to the city of Bangor, as required by the Commission’s rules. There is no nighttime city coverage requirement. There are no changes to the proposed daytime operation.

Blueberry proposes to relocate the WABK nighttime operation to an existing tower that has been registered and assigned Antenna Structure Registration Number 1241786.

The proposed WABK ground system is the same as the daytime site and consists of 120 buried copper ground wires equally spaced around the tower and extending 82.3 meters (270 feet). The existing efficiency of the radiating tower is 304.17 mV/m/km/kw or 139.39 mV/m/km/0.21kw. Since the efficiency of the radiator at 0.21 kilowatt remains above the minimum for a Class B operation, the facility will remain as a Class B AM facility. Since there is no physical construction required and the use of the daytime facility is proposed, no site plat, aeronautical photo, or ground system detail are submitted with this application.

We have tried to be as accurate as possible in the preparation of this application. All information contained herein was extracted from the CDBS database. We assume no liability for omissions or errors in this source. Should there be any questions concerning the information contained herein, we welcome the opportunity to discuss the matter by phone at 912-638-8028 or by email at rsg@grahambrock.com.