

BAY STATE BROADCASTING COMPANY

WBSM

NEW BEDFORD, MASS. TELEPHONE 3-1767

FM—20,000 WATTS—97.3 MC.
AM 1230 Kc.

October 17, 1949

Mr. Ernest R. Cooper
438 East 21 Street
Brooklyn 26, New York

Dear Mr. Cooper:

Thank you very much for your letter of October 12. We are pleased to hear from listeners as well as DX fans regarding our programs and signal strength. This is verification that your log was correct in all respects from 2:40 AM until 3:25 AM.

I was pleased in reading your letter to hear of the equipment you use. The Hammarlund HQ-129-X receiver using an inverted L seems to be very popular with DX'ers.

Our frequency monitoring station is Cambridge Thermionic Corporation located in Boston, Massachusetts. Checks are made monthly on the first day for both AM and FM equipment from midnight until 12:30 AM. Incidentally, we will be on the air late November 8 with final election returns.

With regard to our equipment, the majority is RCA. We are operating a 250 watt AM transmitter at 100 watts output power on 1230 Kc., which covers greater New Bedford; also a 10 Kw FM transmitter on 97.3 Mc. feeding a Raytheon two-bay antenna which is 386 feet above sea level. That gives us an effective radiated power of 20,000 watts. Our studio and transmitter building was completed the first of this year and we began regular programs February 22, on the air from 7:00 AM until midnight except Sundays when we go on at 8:00 AM. Our building is complete in every detail housing offices, three studios, shop, recording room, control and transmitter rooms. We are located on Pope's Island between New Bedford and Fairhaven. Although it is an island it is connected to the mainland by a four lane highway.

We appreciate receiving your letter and any future reports regarding our signal would be welcome. If, at any time, you are in the vicinity of New Bedford, feel free to come and visit us.

Very truly yours,

Harold H. Hoover, Jr.
Harold H. Hoover, Jr.
Chief Operator

HHH:mgh