

INTERNATIONAL BUSINESS MACHINES CORPORATION

RADIOTYPE DIVISION

Washington, D. C.  
January 13, 1940

Washington Radio Club  
Washington, D. C.

Gentlemen:

This letter is being sent by Radiotype over the new Armstrong Frequency Modulation System of radio transmission. It is being sent over the air from the experimental broadcasting station of Jansky and Bailey located at 1219 Wisconsin Avenue.

This new system of Frequency Modulation holds promise of further extending the service of Radiotype by enabling "staticless" reception over moderate distances, even under conditions of severe electrical interference and storms. It will also enable Radiotype messages to be sent with smaller amounts of power in the transmitting station, than heretofore has been possible with other systems.

In this demonstration, we are also showing the possibility of transmitting voice or broadcasting, and simultaneously sending Radiotype messages over the same radio wave-band.

This letter is being typed from an automatic punched tape at the transmitting station, at a speed of 100 words a minute, and further illustrates the possibilities of delivering letters via radio.

Very truly yours,

Radiotype Division  
IBM Corporation