

NATIONAL BROADCASTING COMPANY, INC.

A SERVICE OF RADIO CORPORATION OF AMERICA

RCA Building, Radio City, New York 20, N.Y.

CIRCLE 7-8300

November 24, 1954

Mr Ernest R Cooper, Editor
National Radio Club
438 East 21st Street
Brooklyn 26, New York

Dear Mr Cooper:

Thank you for yours of November 21st, and since we do not have a verification card as such, please consider that your reported reception of WRCA on November 21st, between 12:20 and 12:28:50AM, is verified.

For your information, WNBC call is presently assigned to the shortwave transmitter, which we operate for VOA, at Bound Brook, New Jersey.

We do not have a WRCA coverage map available. The antenna pattern is directional from New York City. I have no way of knowing what the extreme distance of reception has been, but do know that the station is received in the Panama Canal Zone very well.

I am very much surprised to learn that WRCA's secondharmonic frequency is audible in Brooklyn, and will investigate this condition immediately. I believe the answer as to why you receive WRCA mixed with WQXR on 900 KC is the fact that WQXR's location is sufficiently close to your home that the resultant beat of 900 KC is achieved between WRCA on 660 and WQXR on 1560, thus producing cross modulation on 900 KC.

Very truly yours

Gerald M Sellar
Gerald M Sellar, Manager
Radio Technical Operations

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Returned to
WNBC call # 107