

12th December 1962

Mr. Elliot Sivowitch
Smithsonian Institute
Washington 25, D.C., U. S.A.

Dear Mr. Sivowitch:

Thank you for your letter of the 11th October which found its way to me here. Please keep a lookout for the following items as parts or complete equipment.

Untuned Radio Frequency Transformers, made by Northern Electric, Westinghouse, Mu-Rad, Radio Instrument Co., Erla, Atwater Kent, Acme type R-1, Baldwin-Pacific, Radio Service Laboratories (Rasla), All-American, Priess, Moore & Marmaduke (Ford).

Intermediate or Low Frequency Transformers, made by Sangamo, Jefferson, Rusco, Samson, Branston, Recptad, Silver-Marshall, All-American, General Radio, Army Sales.

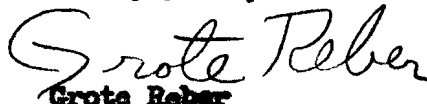
I have single items of a number of the above, but need a few more to assemble a complete amplifier.

About a year from now, I expect to make a more leisurely trip to U.S.A. and will spend a couple of weeks in Washington. At that time, I would like to borrow the Marconi type 55 amplifier plus enough good tubes to make it operate. I propose to take it to NRL where I can secure test facilities. There, I will make gain and selectivity curves as well as measure the electrical characteristics of the interstage transformers.

Enclosed are three reprints entitled "Negative Feedback a Third of a Century Ago", "Broad-Band Amplifier of Nearly Forty Years Ago", "History of the Cross Antenna". These give the results of some of my efforts at determining quantitative performance characteristics on ancient equipment.

I am,

Sincerely yours,


Grote Reber