

30th July 1965

Dear Hap:

An unexpected complication has arisen in relation to your proposed trip here. Mrs. Edgell and daughter have been in Europe for some time. Recently, Mr. Edgell left to join them. The party expects to return here via U.S.A. in October. He expressed a wish to meet you and learn about R.C. The private philanthropic foundation is an American invention which never filtered down here. He is a person of education, substance and acumen; being a director on assorted wool and livestock societies and boards. I suggest that you write to him:

Mr. Geoffrey B. Edgell
c/o Bank of New South Wales
9 Sackville Street
London W.1, England

enquiring his plans and inviting him to see you in NYC. It would be unfortunate if you arrived here at same time he appeared there. I suggest that you don't know anything of my personal affairs; nor do you have any knowledge about what my future plans may or may not be. You provide finance and assess the quality of scientific work. I cannot recommend the women. If they show up, treat them courteously.

Radio observing conditions continued to improve thru July even the sunspots continued to rise. Obviously, spots are a very crude indication of solar activity in relation to conditions of the terrestrial ionosphere. The Fornax source came thru with fine diffraction patterns as expected. It seems I have hit upon a rather powerful technique. I overlooked the matter in past because; first, the pundits proclaimed the edge of ionosphere hole would be very rough, fuzzy and indistinct; second, the antenna beam, radio source and edge of hole all have to be lined up quite accurately. Examining my old records shows numerous cases where similar phenomena are in evidence in a feeble manner. Apparently there are many small radio sources available at hectometer waves but the system sensitivity is just too low for a clear record.

I'm cooking up a cunning scheme for multiple beams; will explain it when I see you. I expect to be here as long as anything worthwhile can be accomplished.

Best wishes,


Grote Reber