

15th April 1960
General Delivery
Wailuku, Maui
Hawaii

Dr. George C. Southworth
Catham, New Jersey

Dear Dr. Southworth:

During the past several months I have been in Australia and Macquarie Island looking for a good place to do low frequency radio astronomy during the next solar activity minimum. Presently, I am in the process of folding up my affairs here preparatory to returning to Green Bank for a spell.

My old Wheaton dish is being rehabilitated as an ornament on the left side of the entrance to NRAO. It would be suitable and appropriate to have a replica of Jansky's original antenna to full scale on the right side. This is one of the projects I hope to undertake at Green Bank. We have a variety of fotos showing many details, but nothing suitable for giving absolute size and proportion. I wonder if you could locate some drawings showing overall dimensions or else some fotos giving independent side and end views. If the old foundation ring can still be seen, some accurate dimensions of this will be very useful as the rest of the structure may be scaled from it.

The wheels and axels were taken from model T Ford cars. These seem to be still available in West Virginia. The antenna was driven by some kind of a chain and sprocket arrangement. Please try to locate some details on this so that we can get it right. Perhaps if you make inquiry among the old timers at Holmdel, enough information may be secured to produce an accurate reproduction in working order. My own opinion is that, if the job is worth doing, it is worth doing well.

I should be back in the New York area by early June. Maybe we can get together then. You should come to Green Bank and see NRAO next summer. The establishment is now taking form and is quite something.

73, (best regards)

Grote Reber
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