

U. S. NAVAL OBSERVATORY

WASHINGTON, D. C. 20390

14 December 1970

Dear Hap:

Thank you for your letter of 30 November 1970, with the three proposals for Research Corporation support.

I had already seen the proposal from Harlan Smith, requesting travel assistance from the National Geographic Society. As I have already told Dr. Carmichael, I think it is a very good project and should be supported if at all possible.

I am less favorably inclined toward the Rochester proposal. In fact, I have discussed it with a few of my colleagues and they all seem to agree with me that a 60-inch telescope (even if it is a "cheap" one) is just too big for the use that can be made of it in the eastern part of the United States. I would judge that a telescope with an aperture of 40 inches would be the maximum size that could justifiably be utilized--such as the telescope now operating in Princeton.

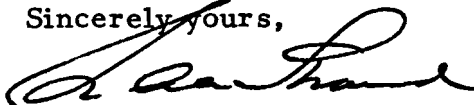
As far as Grote Reber is concerned I would recommend support for his project. I know of no one else who is contemplating carrying out a similar experiment at such long wavelengths and this should be done. However, I am not an expert in this field and perhaps you should contact the recent Nobel prize winner, Professor Hannes Alfvén,* and get his opinion on the experiment.

I just received the message confirming your statement that there will be no Research Corporation Award for 1970. Emilie and I shall miss the opportunity to get together with you and Jean.

We both hope that Jean is improving.

With kindest regards,

Sincerely yours,



K. Aa. STRAND

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Enclosures (3)