

12 METER MILLIMETER WAVE TELESCOPE
MEMO No. 150

April 12, 1982

Dr. Leonard S. Baker
Accelerator Department
Brookhaven National Laboratory
Upton, NY 11973

Dear Sam:

This brief letter is to send you my thanks for visiting Green Bank last week and studying my plans and equipment for measuring and setting the 12-meter telescope. You have left with me several suggestions and some pages of notes, all of which I value. Perhaps I can tell you how useful your visit was by making two statements:

- (a) It is many years since I tried to answer such a well-planned set of examination questions. Whether I was successful or not-- the quality of the examiner was very evident.
- (b) You drew my attention to several alternative ways of making the critical measurements and of assessing their accuracy. I shall try to follow up some of these.

To more immediate matters. John Ralston is having an "NRAO length standard" built, and this we will soon send to you, with the hope that you can measure it for us. There is no great urgency in this; you saw that my problems are still repeatability; absolute accuracy can follow.

Do we need to think about money in the relationship between us? Our project has funds, and surely we should not expect BNL to use any of their money. We shall of course pay for your travel and so on (the forms are signed already). I do not propose to worry about these matters, so I have sent copies of this letter to Mort Roberts and to AUI to keep them informed.

When I am further ahead in the work, but before I go to Tucson, I may ask you to visit again, and I hope your work can permit this.

So, thank you again.

Sincerely,

John W. Findlay

cc: R. E. Hughes
M. S. Roberts
H. Hvatum



NATIONAL RADIO ASTRONOMY OBSERVATORY

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Sincerely,

A handwritten signature in cursive script, appearing to read 'John W. Findlay'.

John W. Findlay

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