

December 14, 1960

Mr. Charles W. Creaser, Jr.  
Antenna Systems, Inc.  
349 Lincoln St.  
Hingham, Massachusetts

Dear Charlie:

The NRAO wishes to obtain a transit-type radio telescope with specifications similar to those given on the attached sheet. These specifications are not rigid, and could be modified in some instances. They do define the general nature of the instrument we want.

The instrument will be used to make a long series of daily observations -- for perhaps 5 or 6 years -- under as nearly constant instrumental conditions as possible. Simplicity and stability of the telescope are therefore of paramount importance.

If you are interested in supplying us with such an instrument, could you give me a proposal for the design and construction, but not erection, of either the entire telescope, or the reflector alone. If you already have an instrument which might fill our need, even though its specifications may be somewhat different from those attached here, we would be particularly interested.

I would like to have detailed information and, if possible, firm prices by February 1. We hope to place an order for at least one of these telescopes in March or early April.

Sincerely yours,

D. S. Heeschen  
Chairman  
Astronomy Department

Encl.