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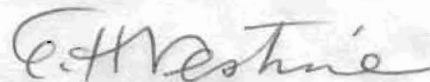
Dr. Grote Reber
National Radio Astronomy Observatory
Post Office Box 2
Green Bank, West Virginia

Dear Dr. Reber:

In reply to your letter of August 4 I enclose data on geomagnetic field lines for the Tasmania station and MacQuarrie Island station you wondered about. I hope the positions are near enough. You will note that the latitude, longitude, and height of each point above the earth is listed every few hundred kilometers along the line, together with the calculated field strength. A total of 48 Gauss coefficients for 1955.0 are used (after Finch and Leaton). I suggest that field values include only first three figures and heights to nearest ten or one hundred kilometers are quotable if needed.

I enjoyed your talk in Ottawa. Best wishes to Findlay.

Sincerely yours,



E. H. Vestine
Planetary Sciences
Engineering Division

EHV:cs

cc: Dr. L. V. Berkner

Encl. (1) As Above.