

Posted 13/12/84 64¢, Rec'd 8/1/85



National Research Council  
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File Référence

12 December 1984

Dr. Grote Reber  
General Delivery  
Bothwell, Tasmania  
Australia 7030

Dear Dr. Reber,

I wish to thank you for your letter of 27 November containing the suggestion that Canada undertake radio astronomical investigations at very long wavelengths.

Our radio astronomers are very familiar with your pioneering investigations of the radio sky and rightly guessed that you were referring to an extension of this work in your letter of 2 October. Dr. Norman Broten of our astronomy group here in Ottawa recalls a visit with you at your antenna site in Tasmania in the 1960's. At the time he was on an extended visit to CSIRO gaining experience in the operation of the Parkes telescope in anticipation of the completion of our own 46 metre telescope at the Algonquin Radio Observatory.

As you know from your visits to Canada, there has long been an interest here in extending observations of radio sources to lower frequencies. Indeed, it was the feeling that this end of the spectrum was being neglected which prompted the construction of the 22 MHz and 10 MHz arrays at Penticton. By coincidence, Dr. Rob Roger, who has been involved with these arrays, is in Australia now on a scientist exchange visit, working in the Radiophysics Division of CSIRO. We have made him aware of your kind invitation to have someone visit you and hope that he can find a date for a visit which is acceptable to you, before he returns to Penticton towards the end of January.

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Canada

Dr. Reber

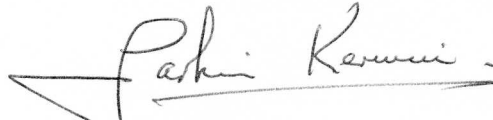
- 2 -

12 December 1984

I suspect that there will be considerable interest elsewhere in Canada in your suggestion that we should take advantage of our favourable location with respect to the structure of the ionosphere. I will see to it that all Canadian radio astronomers are made aware of your recommendation.

Again, thank you for your letter and especially for your continued interest in the welfare of Canadian astronomy.

Yours sincerely,



Larkin Kerwin