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24th March, 1969

Dr. A. Bridle,  
Astronomy Group,  
Department of Physics,  
Kingston,  
Ontario,  
CANADA.

Dear Alan,

It is just as well there is no one in the world quite like you or I might have been baffled by your unsigned letter! However, interests in 10MHz, and 6.6 GHz together with an Irish wife define you uniquely!!

In answer to the question you ask : the sign convention was entirely a matter of two of them to one of us. Every draft from Greenbank was written in negative convention, and every redraft from Cambridge in positive: as the final version was sent off from Greenbank, who are paying for the publication, it will appear in their convention but this does not imply our real approval, and I would be grateful if you keep to the Cambridge convention.

At the moment my own work is increasingly geared to the ionosphere: my interferometer to monitor ionospheric refraction is working, and my next project is to construct a 160' x 80' system out of the old 20 telescope to study backscatter in collaboration with Malvern. So far I have not had any money for the bog project though on the home front I am establishing liason with the various people who could give permission for such a system - including the Nature Conservancy, the River Board, the Churchwarden and the Overseer of the Poor. (At least, the Overseer is given special powers by a bill of the 1840's but the Department of Social Security seem to have no knowledge of their immense powers!!!). If the money is not forthcoming, I would certainly like to build a similar system in Canada. What are the possibilities?\*

Yours sincerely,

Phil.

P. J. S. Williams

\* If there are opportunities for me to join a grand-slam low-frequency project for next sunspot minimum, I would certainly be interested.