and the second second second to the second Dear Article of marginal front and the second states of the second

Three years have clapsed since our last enchange is a solution of correspondence parMuch has transpired a My installation when a second s has been operating forma year and a half at 2. lack Norman Broten has probably given you the details. Results are steadily improving as solar activity declines. Apparently I timed this adventure dust right. When the critical and a second s frequencies rise again I will fold up here and return to America. It is my plan to build a much better installation there to view the northern sky during the next solar activity minimum. I have pretty clear ideas about techniques: but . 205. 1 t 2 1 important.

Υ.

Last October I had an exchange of correspondence with T.R.Hartz about the Alouette satellite. He included one chart showing a series of curves of critical frequencies versus height from 60°N to 40°S at about 70°W. There was a very sharp trough giving very low criticals near 45°N. This trough is in reasonable agreement with my estimate of over ten years ago based upon ground observations. Hartz attributed this chart to G.L.Nelms. I have written to the latter twice to secure more information about the trough, How far does it extend east and west of 70°W? How does its latitude vary with longitude? How does its position, width. depth and occurrence vary with the time of night, seasons of the year and solar activity? Unfortunately the one reply was something less than vague. I have a hunch that Nelms' group is so busy building more equipment that no time is available to make anything out of the existing data which is mostly going to waste.

NOV LASS W

As you can understand, this is a very important matter for my future experiments. The action of this trough during the second the coming morthern winter may determine what I do mextant I am wondering what is the organizational setup and what part of NASA supports Nelms financially? If he reports to J.W.C.Scott, I 11 take the matter up with him thousand to the like to know something about circumstances before I do a support anything. Perhaps you could make some inquiries or show

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appreciated by me. How the transmission with a set a set as a set

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