

the programme, two rockets carrying instruments prepared by the Canadian Armaments Research and Development Establishment were fired in November 1958.

Plans exist to fire during the present year additional United States rockets with instruments provided by Canadian agencies.

Meantime, a high altitude rocket of Canadian design is under development and it is likely to be a highly efficient research instrument. Further in the future in planning is the instrumentation of a satellite by Canadian agencies for experiments conceived by Canadian scientists, and preliminary arrangements have been made with the United States National Aeronautical and Space Administration to launch such a Canadian satellite in 1961.

Earlier this week, Prime Minister Macmillan sketched some of the intentions of the United Kingdom in the satellite field and referred to the possibility of joint action within the Commonwealth. So far as the Canadian Government is concerned, we should be glad to undertake the consultations on this question which Prime Minister Macmillan has proposed.

I have dwelt upon the activities of Canadian scientists, both in governmental agencies and in universities, at some length because it is not always recognized that we have in Canada the scientific knowledge, the facilities and the experience to participate in the exploration of space. A few years ago some of the recent experiments could not even be contemplated -- much less those which now are becoming possible. I believe that Canada should maintain its status as a scientifically advanced nation and continue a sound programme of research into the phenomena of outer space.

#### Space Research Committee

In this connection I wish to announce that the President of the National Research Council and the Chairman of the Defence Research Board are in process of establishing a Permanent Joint Committee on Space Research, on which other governmental agencies concerned with these matters and a number of interested universities will have representatives. One of the purposes of the Committee will be to ensure that university research teams have the opportunity to work in this field.

Science is increasingly becoming an important concern of governments. Some programmes, such as comprehensive atomic energy programmes, are too costly for university and industrial laboratories alone. As well, the dynamic interaction of science and technology requires governments to have sound scientific