

country, including its relationship to oceanography which is a matter of very great scientific importance.

That Committee produced a couple of months ago its initial report on the development of meteorology in this country.

This Committee will continue in existence and will give consideration to our international responsibilities and opportunities and to the continuation of the impetus provided in the field of meteorology by the work of the International Geophysical Year.

Meteorology and oceanography are two particular areas of science. Our Polar Committee, on the other hand, represents a geographical area where the Academy has taken steps to insure the continued effectiveness of what has been started by the IGY. A similar area of particular interest is that of space.

The Academy is in the process of appointing a Committee on Space Science. Dr. Bronk has discussed this with a number of possible appointees to that Committee and, of course, with a number of governmental people. It is very important to us to see in which direction the Government will move in its organization relating to the development of space science.

This is another geographical area, so to speak, rather than a field of science, and will be important to many fields of science; for example, to cosmic rays, to rocketry development, to biological and medical questions, psychological questions, and so on.

The Academy Committee will include representation from these various disciplines of science and will, I am sure, be closely related to the Government's efforts in that area.

I shall be glad to expand on any point, if you like, Mr. Chairman.

The CHAIRMAN. Thank you very much, Dr. Cornell.

I personally appreciate that description which you have given of this activity of the IGY.

Are you satisfied and are all those associated with you satisfied that there is the mutual cooperation between all the nations participating in the program?

Dr. CORNELL. We have had every reason thus far to be wholly satisfied and greatly encouraged by the degree of international cooperation that has been evidenced in the International Geophysical Year. I think it is a great new step in scientific cooperation.

I also think, Mr. Chairman, that within this country the arrangement by which the Academy as a nongovernmental organization, with access to the entire scientific community, has carried the burden of leadership in the scientific planning of the IGY and has found the closest cooperation with many agencies of the Federal Government through the National Science Foundation, has been a new and heartening example of cooperation between Government and nongovernment interests which is necessary in these expanding areas of science with their increasing costs and increasingly close relationships to the national interest.

Mr. O'HARA. Might I ask a question, Mr. Chairman?

The CHAIRMAN. Mr. O'HARA.

Mr. O'HARA. I wonder in this space situation if any thought has been given to the legal claims of the respective nations as to the space over and above that nation. I mean you try to fly over Russian territory and see what happens to you, for example. What is going to be