

APPENDIX IX-B

Describe logistics (ships, aircraft, trucks, specialized vehicles, etc.).

Answer: Logistic planning and support for the US/IBP will be decentralized and will include facilities available in the colleges, universities, oceanographic institutions, Federal lands and experimental areas, research hospitals and institutes, Federal agency research facilities, and from others who support the US/IBP. Basically, this support will be defined, planned and committed as an essential element in each IBP research project; and within the integrated research programs will be more broadly planned to meet the needs of each program. Examples both general and specific will illustrate the development of logistic support and the plans therefor:

(1) Within the Marine Productivity program, project planning will include any needed use of the oceanographic research vessels such as the Alpha Helix, the Chain, the Atlantis II, the Crawford, the Gosnold, the Albatross, the Eastward, the Washington, the Thompson, the Pillsbury and others.

(2) Within Ecosystem Analyses, the facilities and equipment of the Hubbard Brook Experimental Forest of the U.S. Forest Service will be used, including watershed weirs and other gaging station equipment. In the Grasslands portion of these analyses, experimental grasslands administered by Agricultural Research Service, USDA, and other lands under the national control of the U.S., Canada and Mexico will be used. Computer facilities available at several universities are planned; e.g., the University of Michigan, the Colorado State University, Dartmouth College and others.

(3) In both the Ecosystem Analyses and the Program on Aerobiology, representatives from NASA, ESSA, NCAR, USDA-Beltsville, and others are participating in the planning. Through these representatives, consideration is being given to the use of data from remote sensing by satellite and existing observations available from the world-wide meteorological network, as well as the known effects of pathogens of unknown origin. Other data, facilities and equipment are being considered.

(4) In the Program on Eskimos, facilities available at the Arctic Research Laboratory of the University of Alaska are planned. Also facilities under Canadian control, both governmental and private, will be used since the program will be jointly developed by the U.S. and Canada. The Program Director, Dr. Frederick Milan, has been nominated by both the U.S. and Canadian National Committees for the IBP.