## Series of expeditions on Horizon begins on September 15, 1960

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What is planned as the first of a series of oceanographic expeditions to the waters off western South America will leave San Diego on Thursday, September 15.

The Research Vessel Horizon of The University of California's Scripps Institution of Oceanography will sail then for a three-month voyage to Peru and Chile. Aboard will be scientists from Scripps and the InterAmerican Tropical Tuna Commission. A Danish scientist is also among the ship's party and Peruvian and Chilean scientists will join the expedition when it reaches South America.

The expedition, known as STEP-I, will be led by Dr. Warren S. Wooster, Associate Research Oceanographer. Wooster led Scripps' Shellback Expedition to Peru in 1952. During 1957 he worked in Peru as Director of Investigations of a fisheries-oceanography program for the Peruvian government.

Ports of call for STEP-I include Talara, Peru, October 5-6; Callao, Peru, October 22-25; Nollendo, Peru, November 10; Antofagasta, Chile, November 15-17. The expedition returns to San Diego on December 16.

The expedition has received support from the National Science Foundation, the Inter-American Tropical Tuna Commission, the U. S. Bureau of Commercial Fisheries and the Office of Naval Research.

In addition to Wooster, the scientific party includes Dr. Maurice Blackburn, Mr. Kenneth S. Bottom, Dr. Tsaihwa J. Chow, Dr. James Hart, Mr. Arthur W. Hester, Mr. Robert J. Linn, and Mr. A. Dougall Reith, all of the Scripps Institution; Dr. Jorgen Nielsen, University Zoological Museum, Copenhagen, Denmark; and Mr. Izadore Barrett, Mr. Gordon C. Broadhead, Mr. E. D. Forsbergh, Dr. Malvern Gilmartin, Mr. Madison Myers, Mr. Craig Orange, and Dr. Milner B. Schaefer of the Inter-American Tropical Tuna Commission. The Horizon is under the command of Captain Barnes Collinson.