

NEWSLETTER

WOODS HOLE OCEANOGRAPHIC INSTITUTION

VOL. 10

January 17, 1969

NO. 2

ALIEN REGISTRATION REQUIRED

Federal law requires all non-citizens in the United States on January 1 of each year to complete Form I-53, "Alien Address Report."

All non-citizens admitted for permanent residence regardless of age or period of residence, and all non-immigrants in the United States for limited periods such as students, visitors or exchange personnel must comply with this statutory requirement.

Form I-53 will be available at all United States post offices and Immigration and Naturalization service offices during business hours January 2 through 31.

COMINGS AND GOINGS OF INSTITUTION PERSONNEL

Skip Marquet of the Alvin Group presented a lecture, "Alvin Instrumentation Systems," at the University of New Hampshire, IEEE Section, on January 7.

Dr. Carl Bowin, Geology and Geophysics, will be presenting a paper at the Symposium on Applications of Seagoing Computers sponsored by the Marine Technology Society. The symposium is being held at Scripps Institution of Oceanography on January 13 and 14.

In February, Dr. Bowin will travel to the State University of New York at Stony Brook to speak on "Marine Gravity."

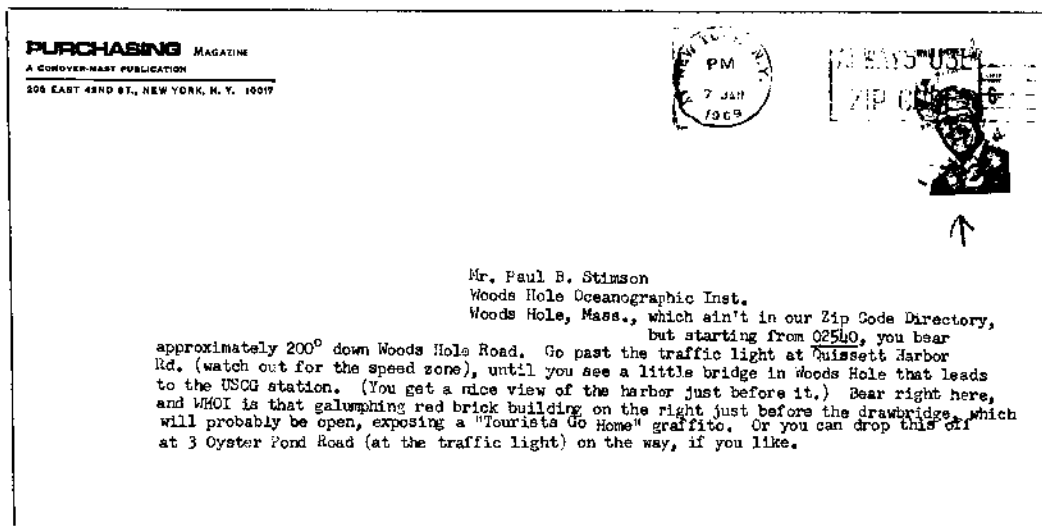
During the week of February 17, Dr. Bowin will be taking part in the American Geological Institute Visiting Scientist Program. He will be at the Buffalo State University and Colgate University to present lectures to faculty and students on oceanography.

Dave Owen spoke at the Barnstable Unitarian Church to the women's club, Flower Guild Alliance. He showed the film "Flying at the Bottom of the Sea" with remarks and discussion afterwards.

Dr. Richard Haedrich has been invited to present a program at the Mary Wood Campus in Scranton, Pennsylvania, to 60 exceptional elementary school children on January 18.

PUT ZIP IN THE MAIL ! !

During the history of the Institution, many letters have found their way to our office with some very strange addresses. Paul Stimson received one of the longest addressed envelopes and sent it along so that others may enjoy it:



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Karen Schnee, Editor.

MEETINGS TO ATTEND

JOURNAL CLUB OF W.H.O.I.: LMS, 8 p.m.

January 13: "Norwegian Sea Overflows," Mr. L. V. Worthington, W.H.O.I.

January 20: "Deep-Sea Currents and the Evaluation of the Continental Rise," Dr. Eric Schneider, NAVOCEANO.

PHYSICAL OCEANOGRAPHY SEMINAR: LO Conf., 2 p.m.

January 22: "Observations of the Diurnal Thermocline," Bill Simmons, W.H.O.I.

SYSTEMATICS-ECOLOGY PROGRAM: Whitman Conf. Rm., 12 Noon

January 21: "Aspects of Biogeography in South Africa," Professor James A. Slater, Department Chairman, Systematic and Environmental Biology, University of Connecticut, Storrs, Connecticut.

SHIP SCHEDULES

ATLANTIS II: Will be arriving in Gibraltar around the 19th or 20th.

CHAIN: At the pier.

GOSNOLD: At the pier.

C-54Q: At Otis Air Force Base.

NEW PERSONNEL January 17, 1969



Raymond T. Bishop
Messman
Marine/Capt. Pike
ATLANTIS II, ext. 208



Arthur J. Dunn
F/WT
Marine/Capt. Pike
ATLANTIS II, ext. 208



Joseph W. Dutra
Messman
Marine/Capt. Pike
ATLANTIS II, ext. 208



Harvey Ellsworth
Oiler
Marine/Capt. Pike
ATLANTIS II, ext. 208



Peter L. G. Gordy
Messman
Marine/Capt. Pike
ATLANTIS II, ext. 208



H. Morgan Hansen
A. B.
Marine/Capt. Pike
ATLANTIS II, ext. 208



Patrick Harlow
Messman
Marine/Capt. Pike
ATLANTIS II, ext. 208



Charles R. Mueller
Wiper
Marine/Capt. Pike
ATLANTIS II, ext. 208



Armas V. Sture
F/WT
Marine/Capt. Pike
ATLANTIS II, ext. 208

MISSING EQUIPMENT

Anyone having knowledge of the location of the equipment described below is requested to contact the Property Office, Ext. 279/380:

Adding Machine, Hand Operated. Monroe, S/N M33077D, Mod. No. 811H14, WHOI 67-410.

From *Atlantis II*. Chelsea 6" Brass, Bell Ships Clock. S/N 649824.

INSTITUTION EMPLOYEES SPEAK ON WOODS HOLE

Jan Hahn lectured on oceanography at Pittsfield, Mass., to the Pittsfield Garden Club. About 150 people were present. On January 15, he will speak to the American Opthamology Society at the Museum of Science in Boston. Later in the month is scheduled a talk at Miss Hall's School in Pittsfield. On December 31, Jan spoke to the Chamber of Commerce on Nantucket.

Captain Harry Seibert spoke at the Social Harmony Lodge on November 24 on their fishing trip from Puerto Rico. On January 6, Capt. Seibert will be speaking at the Bourne Sportsman Club on "Tall Ships--Operation Sail."

Dr. David Menzel presented three lectures to the Graduate School of Lehigh University on December 18. His topic was "Organic Matter in Sea Water."

Thomas Sutcliffe spoke on the Institution at the November 18 meeting of the Daughters of the American Revolution in Braintree.

Bob Frazel spoke to the Hyannis Rotary on December 12.

John Schilling spoke to the Pembroke JayCees and the New Bedford Kiwanis Club on December 10, the Martha's Vineyard Masonic Lodge on December 3, the Braintree Men's Club on December 4, and on December 13 traveled to Kettering, Maine, to present a program at the Regional Academic Marine Program to 250 junior high school students.

Walt Nichols showed "Alvin Junior" to the Westport Grange on Friday, January 3.

LORAN C DEMONSTRATION PLANNED

A demonstration of the newly designed LORAN C receiver made by LFE is tentatively planned for Institution staff members. This small and relatively inexpensive receiver contains automatic search, automatic tracking and phase locking features. Interested personnel are asked to contact Eli Katz, Ext. 268.

The first leg of this cruise, from Gibraltar to Toulon, will be headed by Dr. Henry Stommel. Their studies will be concerned with the formation of the deep water layers of the Mediterranean. They will use the standard hydrostations, S.T.D. instruments, and Art Voorhis's vertical current meter.

Rocky Miller and crew will take over the ship at Toulon and stay aboard until they reach Naples a month later. A concentrated effort of ships, aircraft and buoys is planned to observe the environment during the thirty days. They will observe the flow of the surface waters into the deep layers and study the active sinking process.

The C-54Q will make flights to take meteorological measurements simultaneously with the ships. It will be used for B.T. measurements, infrared sea temperature measurements, and measurements of accumulated heat and water vapor in the lower layer of the atmosphere.

Dr. John Hunt will assume the duties of chief scientist in Naples to continue into the Black Sea where an interdisciplinary research venture is taking place for the next two months. There will be three principal areas of research:

1. A study of the boundary of reducing and oxidizing environments in sea water and sediments and the implications these environments have on the microbiological population.
2. A detailed investigation of the tectonics, particularly along the Turkish coast--an area which is known to have been hit by earthquakes sporadically.
3. A study of the past history of the Black Sea.

The ship will be turned over to Dr. Richard Backus upon arrival at Rhodes. At this time, the work will continue but with different methods. Sound scattering measurements and mid-water trails will be conducted in the western Mediterranean and eastern Atlantic regions up to Ponta Delgada. During this time, Dr. John Teal will

set several long-line stations. Dr. Vaughn T. Bowen will be taking hydrostations and large volume water samples. Coring stations and plankton tows will be done to complete the scientific program of this section of the cruise.

Upon arriving in Ponta Delgada the ship will be turned over to Dr. Bowen as chief scientist. On this last leg of the cruise, Dr. Bowen's schedule calls for the continuation of hydro and large volume water stations, coring, and plankton tows. The ship is scheduled to return to Woods Hole in mid-July.

See back cover for cruise track of Legs I and II in the Black Sea.