



## MEETINGS

### Journal Club - 8 p.m. - LMS

- October 24 - "How Tuna Fish Stay Warm"  
Dr. Frank Carey, WHOI
- October 31 - "The Carbonate Environment of the Trucial Coast"  
Dr. John Murray, University of Bristol, Bristol, U.K.

### Geophysics Luncheon - 1230 - LO Conference Room

- October 25 - "Long Range Swallow Floats"  
Mr. Douglas Webb, WHOI  
Mr. Gordon Volkman, WHOI
- November 1 - "Speculation on the Pleistocene History of the  
Continental Shelf South of New England"  
Mr. S. T. Knott, WHOI

### Geology Luncheon - Noon - LO Conference Room

- October 20 - "Fossil Water in the JOIDES Cores"  
Dr. Frank T. Manheim, WHOI
- October 27 - "The Bedrock Surface Under Long Island Sound as  
Determined by Geomancy"  
Mr. A. Richard Tagg, WHOI

### Peanut Butter Club - Noon - MBL Club

- October 21 - Mr. J. A. Posgay of the Bureau of Commercial Fisheries  
will talk on the ICES meeting which he attended.

## M.I.T. NEW FACE

M.I.T. has introduced its first full-scale humanities major.

For the first time, students at the Massachusetts Institute of Technology are able to elect a program that will allow them to devote their junior and senior years exclusively to studies in history, philosophy, literature or music. The program leads to a bachelor of science degree in humanities and science.

NEW BOOKS

- SACKS, JACOB: Isotopic tracers in biochemistry and physiology  
SHELDON, J. M.: Guide to the invertebrates of the synoptic collection in  
the Museum of the Boston Society of Natural History  
SHORTLEY & WILLIAMS: Elements of Physics  
TEBBLE, NORMAN: British bivalve seashells  
TERRY, RICHARD D.: Ocean Engineering v. 4  
THINES, GEORGES: Psychologie des Animaux  
TOPP, ROBERT W.: An annotated Bibliography of the Winter Flounder  
TRIGGLE, D. J.: Chemical Aspects of the Autonomic Nervous System  
VAN DYKE, MILTON: Perturbation methods in Fluid Mechanics

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side the equipment is virtually lowered directly into the water. This type of vessel is easier and faster to load due to all gear or cargo being loaded into one area, thus the vessel nor loading equipment need not be shifted. This then is the reason for the great demand of such a vessel for tankers, cargo carriers, now even passenger vessels.

As small as Gosnold may seem, several tons can be moved from one side to the other and placed in the water without undue alarm. Tanks may be pumped to compensate for the weight being moved, or they may be gravity flooded to return the weight to its former position. A vessel of this type has a built-in alarm, as to overloading, even the novice seaman or scientist can readily see when the vessel heels port or starboard, or is down by the head.

You're going to ask "What has Gosnold done?" The answer, everything she has been given to do, and from the comments of her scientists she has done them quite well. There have been a few written comments from some visiting scientists that we on Gosnold are proud of. Even a Russian Scientist commented that the food was good, and remarked they should have such a vessel.

What now on Gosnold, what's in the future? A trip to the Gulf of Mexico, whatever else they give us to do, as best we can. Maybe a new thing or two, say, you may even have a suggestion? Maybe you need Gosnold. We may even see a few new ports, but we'll remember - Cutler - Cape May - Canaveral - Cape Kennedy - Charleston - Wando- Portland & Rockland. These may sound foreign to some of you, but these are our ports here on GOSNOLD. (Captain H. Seibert)

#### SHIP NEWS

- ATLANTIS II - At the dock. Departure November 1 - Gulf Stream, V. Worthington as Chief Scientist.
- CHAIN - Departed Suez, heading for Jubal Straits.
- CRAWFORD - Studying edge of Gulf Stream, due WHOI on October 31. Joe Barrett as Chief Scientist.
- GOSNOLD - At the dock. Departure November 1, to study Continental Shelf off Florida with Dr. E. Uchupi as Chief Scientist.
- C54Q - Repairs of engine at Otis.
- ALVIN & Cat. - Arrived October 17 from Oceanographer Canyon. Dives terminated because of weather.

Barrow, Linda, Typing Clerk; H. MacKillop  
Bubeck, Robert C., Research Assistant; E. Zarudzki  
Goguen, Lawrence, Jr. Oiler, Chain

NEW AUTHOR!! - "GOSNOLD"

Gosnold is that small vessel either tied at the end of the parking lot, secured at Dyer's dock, or anchored in a "Lee" (we always spell that with a capital) or slowly going about doing her very best. Her fine crew aids greatly in making her best rather hard to beat.

Gosnold is known for belching flame and fire, blowing round smoke rings, and making loud noises before sailing. She does all this to develop 250 horse power - Seem's Ridiculous - So does a five cylinder fuel fired engine. Especially connected to a C.P. (Confounded Propeller). Admitted, we are not the fastest vessel in the fleet. But say, would anyone care to race for slowest.

Her Statistics are not too impressive 99' 23' 9", she is no Venus DeMello. But 12.6 gals fuel oil per hour or .73 of a gal per mile for three (3) diesels, that's quite impressive. Lube oil however reacts on the Main Engine like green apples on a young boy, and so runs out of everywhere and everything and is thus used over and over.

Gosnold has had an advantage of being not too old nor too young a vessel, this inticed the crew, the scientist and users of Gosnold to use their imagination in simplifying the operation of the vessel for research. Needless to say many have made contributions, from its first crew to its present, from its first drydocking to its last. Aye, even the cooks added to the waist-lines, encouraged us with humor and grub, fed us on hot bread, stale jokes, and now have us as fat as they.

Safety has been and is a prime concern aboard Gosnold. A small crew and a small number of scientists working together requires coordination to achieve the end result, a satisfactorily completed trip with all on board returning safe and well. Aboard Gosnold all work is performed and accomplished before the wheelhouse. The ship's watch officer is an observer to every operation. He can aid, assist by maneuvering the vessel, or make suggestions to improve or simplify the operation. The gear, cable, even the strain on the cable, because the tensiometer is visible, he can control ballast, main engine, vessel's head, he sees weather conditions, wave height, condition of deck, crew and scientists. Truly, it can be said he has a "Ringside seat at every Station".

Gosnold is a Stem-Winder, this means Engine room aft construction. This is the modern version of a practical ship. The propeller shaft is shorter, ballast is carried between double bottoms, so very low. The vessel can be trimmed easily, rapidly, and inexpensively with either fuel oil or water. The main deck is sheltered by the high fore-deck and from aft by the engine room and wheelhouse superstructure. This makes the free-board or distance from deck level to water level much less in this type of construction. By the removal of part of the rail on the working or windward

The Gosnold is again 100% as it has been in the past years. Since only 1/3 of the proposed \$6000.00 has been collected, Dean hopes that other departments will come up to the pace set by Gosnold.

Money or pledges may be sent to Dean by Interoffice Mail. Please make your contribution this month.

### COMINGS AND GOINGS

A. R. (Rocky) Miller departed Friday to attend the meeting of "CIESMM" in Bucharest where he will present two papers.

David Menzell left Tuesday for Copenhagen to attend a SCOR meeting which is a working group for radio-carbon estimation of primary production. After three days he will travel to Scotland to work for a short time with Dr. John Steele.

### NOTICE

J. Fred Jones is the new curator of sea-floor rock and sediment samples at the Barn Basement. His extension is 388.

### NEW EMPLOYEES

Bischoff, James, Postdoctoral Fellow; E. Degens  
Deuser, Werner G., Research Associate; J. Hunt  
Matheja, Johann H., Visiting Investigator; J. Hunt  
Merry, Harold G., Navigator C54Q  
Smart, Thomas, Machinist; J. Mitchell  
Ziegler, Evelyn, Secretary; B. H. Ketchum  
Hess, Marilyn R., Secretary; V. T. Bowen  
Howbert, Martha M., Lab Assistant; R. Backus  
Williams, Audrey L., Lab Assistant; F. Webster  
Jones, J. Fred, Lab Assistant; J. Schlee  
Klein, Annemarie, Lab Assistant; H. Jannasch  
Fazende, Beverly, Accounting Clerk; H. MacKillop  
Hunt, A. Larry, Lab Assistant, W. Rainnie  
McNulty, Patrick S., Research Assistant; V. Bowen  
Kelleher, James J., Jr., Research Assistant; H. Jannasch  
Tarbell, Susan A., Lab Assistant; F. Webster

### TERMINATIONS

Martin, John W., Jr., Deck Engineer; Atlantis II  
Walsh, Joseph B., Mech. Engineer, Alvin Group

### RETIREMENT PLAN

Effective December 31, 1966, the Institution's eligibility requirements for participating in the Retirement Plan have been reduced from five years' service to three years' service. To be more specific, each new employee will automatically become a member of the Retirement Plan on December 31 of the year in which he completes three years of regular employment providing he has not attained his 65th birthday on or before that date. Regular employment is defined as working at least thirty hours a week for a period of at least twenty-two weeks a year. Therefore, generally speaking, regular employees who came to work at the institution on or before July 31, 1964, will come on the Retirement Plan this December 31. After you have been a member of the plan for two years, you will have full vesting of the amounts contributed by the Institution.

### NOTICE TO ALL WOMEN EMPLOYEES

WHOI Secretaries Ninth Get-together Dinner, to which all women employees are invited, will be held on Thursday, November 10, 1966 at the Nimrod Club. A notice with further details will be sent out soon.

### FOR SALE

24' hard-top cruiser with inboard engine. Needs considerable repair.  
Best offer over \$1000.00.

Submit signed, dated and sealed bid to Property Office prior to 1200  
20 October 1966.

Contact Property Office should you desire to inspect the boat.

### LECTURES

Dr. John Ryther will be the first lecturer at the Boston Science Museum on November 4 for 400 selected High School students. A complete series of lectures are planned and John will start the program with a lecture on "Biological Oceanography".

The participating students are selected by science supervisors on the basis of intense interest and superior talent.

### UNITED FUND

Dean Bumpus reports that 94 people have contributed over \$2000.00 to the United Fund. 400 employees are still missing in their share of WHOI's pledge.