Unclaimed Rings Gather Dust In Storage Closet

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The Battalion

NEWSPAPER TEXAS PRESS ASSOCIATION 1965 CONTESTS PRIZE WINNER

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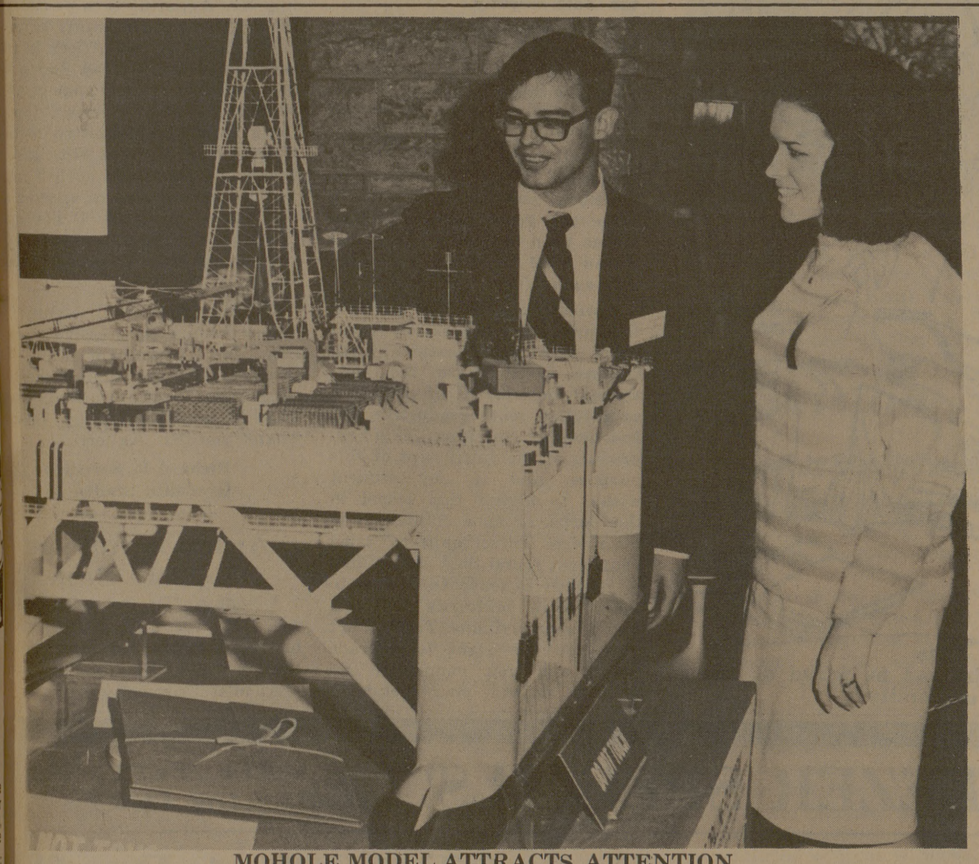

MOHOLE MODEL ATTRACTS ATTENTION

Roy Jorgensen explains a detail of the $7,000 Project Mohole scale model on display in the lobby of the Memorial Student Center to coed Fran Kimbrough. The replica of the Pacific Ocean floating research platform took seven month to build by Brown & Root engineers. Jorgensen is a representative from the firm's information office in Houston.

Mohole Model On Display Carries $7,000 Price Tag

By DANI PRESSWOOD
Battalion News Editor

Hydro-Space Fiesta's Project Mohole model on display in the lobby of the Memorial Student Center is no toy. It cost more than $7,000 and required seven months of construction.

The Brown & Root, Inc., exhibit is a miniature of the $29 million floating platform presently being built in the Pacific Ocean in an effort to explore and sample layers of the earth's crust and underlying mantle.

Roy Jorgensen, Brown and Root's public information office representative here to explain the aspects of the project to visitors feels the operation may be beneficial for outer space exploration as well as for inner space knowledge.

"There is a possibility that knowledge of the mantle may be applicable to other planets within the solar system," he explains, "for many scientists now believe all plants were created about the same time and may be quite similar in composition."

Scheduled for completion in early 1968, Project Mohole will drill six to seven miles into the earth's surface at an ocean site 170 miles northeast of Maui, one of the Hawaiian Islands.

This point has been selected because of its thin layer of crust. It is approximately six miles thick at this site as compared to an average of 20 miles beneath the continents.

The Project Mohole idea of drilling to the earth's mantle from a floating vessel was first conceived in 1957 and was initiated through the National Science Foundation.

Phase I of the project, a successful attempt to prove that the operation of coring in deep water was feasible, was completed in 1961 off the coast of lower California.

The second phase, presently in operation, is the penetration of the earth's crust and mantle for collection and study of rock samples and scientific measurements to be made both during and after completion of drilling.

Basic design of the drilling platform with a dynamic positioning system for the second phase is virtually complete.

In a recent test drilling near Uvalde, new tools developed by the project were tried out in a well drilled in basaltic rock. In the same hole, new logging and coring equipment was also successfully tested.

Mortimer's Notes

SIGMA DELTA CHI, professional journalistic society, is expected to announce soon its slate of country and western stars for the Louisiana Hayride, calendared for March 19 in G. Rollie White Coliseum . . . . .

Lester Flatt and Earl Scruggs will headline the show, an SDX official has reported . . . . .

THREE BATTALION staffers were hounded for autographs after the TCU game last Saturday in Fort Worth . . . . .

Editor Glenn Dromgoole, photographer Herky Killingsworth and amusements editor Lani Presswood stayed around with their dates for the freshman contest following the televised varsity game . . . . .

About 10 rows down, several varsity cagers took seats for the freshman clash . . . . A half dozen youngsters caught sight of their maroon blazers and rushed down for autographs . . . . .

Then they spotted the Batt staffers, who were also wearing maroon blazers . . . . . Up they charged . . . . .

"You all Aggies?" the kids asked, waving pencil and paper in hand . . . . .

"Sure," the Battmen replied . . . . .

The staffers reported that there were several bewildered young fans a few moments later, trying desperately to locate Dromgoole, Killingsworth and Presswood on the Aggie lineup . . . . .

A NOTE of interest: Students from more than 260 colleges and universities in the U. S. have offered blood in support of the U. S. Viet Nam policy . . . . . The American Red Cross has already collected 35,000 units under Department of Defense contract . . . . .

The average Volkswagen dealer in the U. S. sold 406 new vehicles last year to lead members of the nation's automobile industries to an all-time sales record . . . . .

The Texas Intercollegiate Student Association, of which Texas A&M is a member, meets in Waco this weekend for its Conference on Higher Education . . . . .

YOU'VE PROBABLY heard about the A&M prof who was attending a meeting of the Campus Henpecked Husbands Club when all of a sudden his wife sailed in, grabbed him by the collar, shook him until his teeth rattled and exclaimed: "What do you mean by attending this club? You're not henpecked!" . . . . . See Ya 'Round—

Mortimer.

Atomic Energy Group Offers Nuclear Research Fellowships

Summer fellowships in nuclear research are being offered to graduate students in Texas colleges and universities for the seventh year by the Texas Atomic Energy Research Foundation.

As many as six fellowships will be awarded to graduate students of high scholastic standing and with special aptitude in experimental or theoretical physics, electrical engineering or applied mathematics.

All applicants, including those who will begin graduate work in 1966, will be considered. This also includes instructors who are working on advanced degrees.

Recipients will work on the joint controlled the monuclear research program sponsored by the foundation in the laboratories of the General Atomic Division of Dynamics in San Diego, California.

The foundation is composed of 10 investor-owned electric utility companies operating in Texas.

The program is the world's first and largest privately financed effort in this field Ultimate goal is to harness the nuclear fusion process of the sun, stars and the Hydrogen bomb for the generation of electric power, using the deuterium (heavy hydrogen) of the oceans as fuel.

Recent fellowship winners from Texas A&M include Paul J. Bottoms in 1963 and Eddie Reyna in 1962.

Further details may be obtained from the Texas Atomic Energy Research Foundation, P. O. Box 970, Fort Worth, Texas, 76101.

Deadline for applications is March 1, 1966. Announcement of awards will be made to selected candidates by April 1, 1966.

Deadline Set Saturday For Grad Exam Filing

Saturday is the deadline for graduate students to register for the Graduate Record Examination, Associate Graduate Dean Robert W. Barzak reminded Wednesday.

Students must pay a $5 fee at the fiscal office and bring the receipt to the Graduate College office to complete registration. Testing dates are March 4-5.

The GRE is required for all advanced students, Barzak pointed out. Graduate students should complete the test during their first semester of graduate study, he added.

Shelter Course Slated Feb. 26

A 15-week fallout shelter analysis course will be offered to architects and engineers at Texas A&M beginning Feb. 26.

Jake Canglose, director of Brazos County Civil Defense, said licensed architects and engineers and senior students in the fields are eligible for the free course.

"Applied Fallout Shelter Analysis" will include study of nuclear weapons, protection factors, dose rates, biological effects and shielding studies and techniques.

Persons completing the course will be certified as "Qualified Shelter Analysts" by the Department of Defense and listed in the National Directory, Canglose note.d.

Conducted by James H. Marsh, professor of architecture, the course will be instructed by A&M personnel. Jean Cantrell of the physics department and William Kellett and T. R. Holleman of the architecture department are guest lecturers.

Registration will begin at 9 a.m. Feb. 26 in room 202 of the Architecture Building. Classes will be from 9 a.m.-noon each Saturday.

Information may be obtained at the Brazos County Civil Defense Office in the Courthouse in Bryan.

Cooperation Urged In Sea Research

Fiesta Movie Schedule

SATURDAY

10:10 a.m.—"The Diving Saucer" (MSC Fountain Room)
1:10 p.m.—"Food from the Sea" (Fountain Room)
4:10 p.m.—"Conquest of the Deep" (Ballroom)

SUNDAY

2:10 p.m.—"Science of the Sea" (Ballroom)

Geophysics Grant Awarded By Navy

A grant of $760,529 by the Geophysics Branch of the Office of Naval Research to the Texas A&M Department of Oceanography and Meteorology has been announced by Dr. Willis E. Pequegnat.

The funds will support a wide range of oceanographic studies in the Gulf of Mexico, the acting department head said.

The grant provides 40 percent of the operating funds for A&M's oceanographic research vessel, the Alaminos, and contributes to support of advanced students and for staff research. Pequegnat said provision for technicians, ship operating expenses and primary research is vital.

Eight research areas benefit from the grant.

Circulation patterns and vertical temperature structure of the Gulf and tropical Atlantic are studied by Robert Reid, Dr. Dale Leipper, John Cochrane and W. D. Nowlin Jr.

Geophysical work along the western Gulf is conducted by John Antoine with deep water geological study done by William Bryant. Pequegnat is investigating biological implications and protection of environmental sensing equipment from marine fouling.

Air-sea interaction studies are conducted by Dr. Guy Franceschini and oceanographic instrument development by Dr. George Huebner and Donald Koelsch. The environmental research facility at Panama City supervised by Roy Gaul will benefit also in addition to water and sediment chemical studies by Edward Ibert and Lela Jeffrey.

Waters Stresses Mutual Support

By ROBERT SOLOVEY
Battalion Staff Writer

Rear Admiral O. D. Waters told a Hydro-Space Fiesta audience Wednesday progress in oceanography in the country can only be obtained by complete cooperation between government, industry, and the academic community.

Waters, Oceanographer of the Navy, spoke on "Exploring the Oceans—Navy Style" for the second Fiesta major address in the Memorial Student Center Ballroom.

"Sea water costs us about $11 a fifth, and that's a lot of money for even a Texan to pay for something you can't drink," he cracked.

Tremendous costs means the exploration and exploitation of the oceans must be an effort of cooperation and mutual support, he emphasized.

Waters said the Navy's mission is to "survey the world ocean on behalf of the U. S. Navy and the navigator in general."

The Naval Oceanographic Office (NAVOCEANO) "is undergoing a renaissance in sea going technology," he said.

NAVOCEANO is working with NASA's Appolo and Gemini spacecraft programs in using photography and radar systems to better understand such major ocean current systems as the Gulf Stream and the formation of deltas, he revealed.

The cooperation means oceanographers may be able to obtain data of great scientific interest "with better resolution and selectivity than unmanned satellites," Waters added.

NAVOCEANO presently has 17 ships, one submarine and four airplanes with which to carry out research, but Waters noted their future "pride of the fleet" will be the USNS Silas Bent. The $10.5 million ultramodern ship will be the Navy's first major oceanographic ship to be designed from the keel up with a completely integrated survey system, he noted.

The 285-foot vessel will be capable of measuring depth, gravity, magnetic values and a wide range of other sophisticated experiments. It will carry a complement of officers, 44 enlisted men and quarters for 30 scientists.

"There is adequate laboratory, drafting and office space permitting us to do real-time oceanography in a manner previously impossible," he remarked.

In the past the Navy's primary method of obtaining an eye-ball view of the sea floor has been with underwater photography, but the need for additional detail about the sea-botton has called for improved techniques.

The Oceanographic Office developed two-man submersibles which greatly extended the depth range of diving teams, who can now sketch and photograph in comfort the actual underwater conditions for later study topside, he said.

"In the past 10 years we have learned more about the ocean than we knew totally in 1955," added.

Dr. Sam Ridgway will conclude Space Fiesta addresses Thursday with an 8 p.m. talk on "Porpoises that Join the Navy."

Ridgway. A Texas A&M Veterinary School graduate and research veterinarian with the Marine Sciences Division of the U. S. Naval Missile Center, Point Mugu, Calif., supervised the training of an Atlantic bottlenose porpoise named "Tuffy" to work untethered in the open sea. The porpoise was later used in the SeaLab II project.

HUNGRY PORPOISE OPENS WIDE
. . . LaFitte ready for another meal.

Popular Porpoise LaFitte To Head For Home Friday

LaFitte the Porpoise, Hydro-Space Fiesta '66's most consistent drawing card, is about to become a "dropout,"

About mid-morning Friday the 350-pound mammal will call it quits after five days as an Aggie "fish."

Unlike most dropouts, LaFitte will go out in style. Aggies will flip him into an oversized tub and provide an escort to the airport. From there, a chartered plane will fly him home to a salty setting—a Galveston sea circus.

LaFitte has thrilled thousands of flatlanders this week with his finny frolics. He has posed politely for hundreds of shutterbugs while gobbling a shark's share of fish.

For last day visitors, LaFitte's Thursday feedings are set for 9:30 and 10:30 a.m. and 2, 3, 5:30 and 7:30 p.m. He will not be "at home" to visitors after 10:30 p.m.

The mighty mammal, loaned by a Galveston owner, has caused more scrambling by the sponsoring Great Issues Committee of the Memorial Student Center than a space hero, Navy admiral and a reknown marine veterinarian.

A call for help from Hydro-Space Fiesta Vice Chairman Bill Gross met with mixed results. The committee bought a 7,200-gallon plastic pool 4 feet deep and 18 feet in diameter as a "guest house" for the 350-pound animal.

Personnel of a Houston pool firm assembled and checked the pool last week while a porpoise circus operator at Aransas Pass installed a filter system and pump to change the water every three and one-half hours.

Fiesta officials bought 1,700 pounds of salt to be added to fresh water to provide a seawater environment for LaFitte.

LaFitte is on a strict diet of 15 pounds of fish daily. Visitors are asked to refrain from feeding him, but are invited to watch his feedings.

A fence restrains overzealous fans who aspire to pet the sharp-toothed plunger.