Page 4 College Station, Texas Thursday, August 3, 1961

THE BATTALION

A&M Scientists To Reveal Complex Ocean Secrets

Texas A&M scientists will soon ama City by the U. S. Navy Mine scientific staff in the school's new be using automation to electron- Defense Laboratory for underwa- Data Processing Center. ically tabulate and reveal some of ter acoustics work. The Navy "To do all this without electron the ocean's most complex secrets. calls them Stage 1 and Stage 2. ic equipment would require tre-Starting in September, investi- The platform available for mendous amounts of manpower,'

gators in the school's Department A&M's project is Stage 1, which Gaul said. of Oceanography and Meteorology is about 11 nautical miles offwill begin a project known as "En- shore in 100 feet of water. vironmental Studies Off Panama City Plavide " City, Florida."

That title is simple enough, but Leipper, head of the A&M Ocean-behind it is the goal of determin-ography and Meteorology Depart-HoldsParents'Nite, ing just what goes on in sea water and in the air immediately above. Ment, is project supervisor. Other personnel include Mr. and Court of Honor

features of sea water, such as Charles Hodges, boat captain. currents and internal waves.

nothing new. It has been going important, however, is the fact on among oceanographers for some that the electronic equipment will time, but progress has been hin- allow the researchers to collect tained First Class. Sixty-three dered by slow, tedious manual pro-and analyze in one year the equiv-Gough David Holmgroom David cedures.

in on the Panama City project. niques. Considerable advantage The entire operation, from data is to be realized in this research gathering to data processing, will by the ability to observe the natbe automated. Scientists won't ural environment for long periods do any of the actual measuring or computations. They'll just are being served up.

Naval Research. Data will be ga- and barometric pressure. thered on an off-shore platform in the Panama City area.

waters of the southern states. at the base of the platform, as the a report on the activities of the Nearly all the structures were electronic apparatus goes silently Troop at Camp Strake and Assistbuilt for oil exploration or produc- about its business. tion. But two were built off Pan-

OFFICIAL NOTICES

Language Examination Examin

Gaul, research scientist. Dr. Dale

More specifically, the study is Mrs. Dean Letzring, field scientist an attempt to analyze the natural and assistant, respectively; A. D. influences that affect the physical Kirkan Jr., research scientist; and Pleasant Acres Boy Scout Troop temperature, salinity, wave action, Gaul says this will be the first Parents' Night recently, with Sen-Making these measurements is othing new. It has been coinc

alent of several years of data ob-This is where automation comes tained by the usual shipborne tech-

Several hundred of these plat-forms can be found on coastal moises will be the gurgle of water Scoutmaster Sid Loveless gave

corded by the equipment on the stage, the information is then Official notices must be brought, mailed telephoned so as to arrive in the Office Student Publications (Ground Floor MCA, VI 6-6416, hours 5-12, 1-5, daily and a stormatically radioed across the 11 miles of water to shore station. The information is received by radio and then recorded automat-ically on magnetic tape. Tom Cartwright.

The field party, permanently David Holmgreen, Tommy Hanniassigned at Panama City, will be gan and John Perry received the on hand at the shore station to Director of Civil Defense Markscheck the equipment once a day and make any needed adjustment. David Riedel, John Perry and Dav-The tapes will be sent back to id Holmgreen also received their A&M, there to be thoroughly an- National Rifle Association Marksolket, Head, Department of alyzed under the direction of the manship Certificates.

On the shore of the Lake at 802 held a Court of Honor and

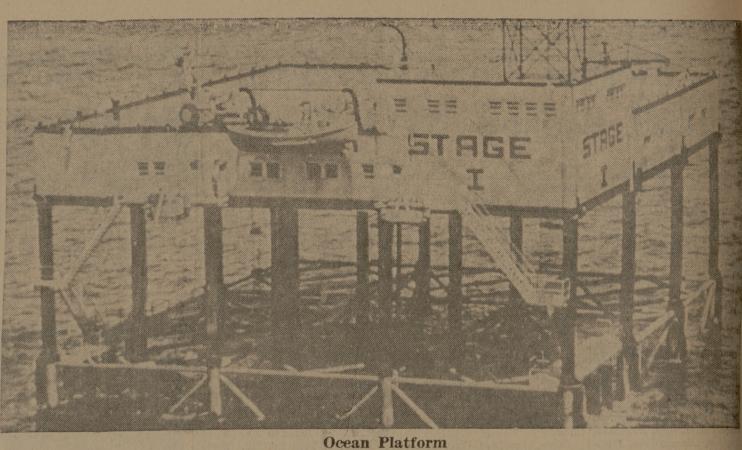
Fred Maddox received his Life Gough, David Holmgreen, David Maddox, Jim Amyx, John Perry, Ravid Riedel, Fred Maddox, and Bill Loveless. Many of these at Camp Strake and El Rancho Cima in the preceding weeks.

Buzz Loveless answered ques-He said the plan is to obtain tions concerning the 1600 mile bicheck the equipment now and water temperatures at five levels, cycle trip he and David Gay made then to see that no electronic fibs water velocity and direction at from Washington, D.C. to Bryan three levels, and to measure waves. this summer. They rode 12 to 16 A&M's Oceanography Depart-ment will carry out the research Above, the water, measurements hours a day covering from 50 to will be air temperature at three 100 miles many days and wore out under contract with the Office of levels, wind velocity at two levels, three tires and one bicycle chain. They camped out most nights and All this will be recorded auto- found people very helpful and inmatically on the stage. There terested in the trip all along the

> ant Scoutmaster Amyx explained After the measurements are re- the program followed by the group

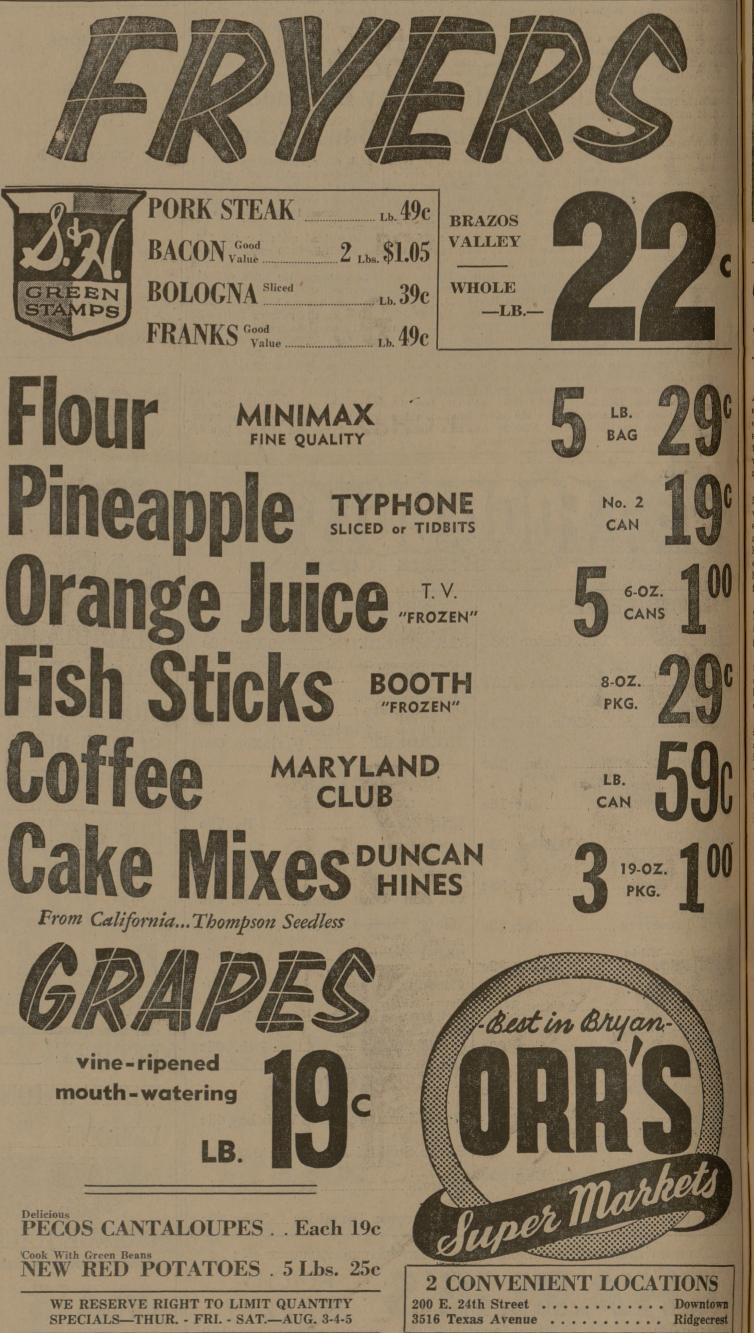
automatically radioed across the ant Acres will be resumed next The information is received by Meet will be held in Sue Haswell August 7 and a Scout Swimming

Tom Cartwright, Carl Gough,



IBRA 78

... Will help to determine what goes in sea water



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