

The Battalion

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College Station, Texas Wednesday, August 23, 1972

Wet
and
wild

Thursday — Cloudy to partly cloudy. Afternoon thundershowers, easterly winds 5-10 mph. High 94°, low 71°.

Friday — Partly cloudy, southerly winds 10-15 mph. High 92°, low 74°.

845-2226

Sea Grant activities given federal funds

A&M will receive \$1.5 million from the U. S. Department of Commerce for the continuation of its Sea Grant College activities, Senator John Tower announced. The award, made by the National Oceanic and Atmospheric Administration, will provide partial funding for the university's diverse marine projects during the 1972-73 academic year. Additional support for the program comes from the state and private industry.

"The state's vast marine resources are critically important to all Texans," President Jack K. Williams said in receiving the new grant. "Continuation of federal funding for Sea Grant is evidence of the national concern for wise use of our marine and coastal resources and a recognition of the university's leadership in these areas."

The A&M program supports a wide variety of projects in marine education, research and advisory services to the state. In addition to the work conducted at the university, the funds also will support work at the University of Houston, Lamar University, Brazosport College, Baylor College of Medicine, the Region II Education Service Center in Corpus Christi and Southwest Research Institute.

According to Dr. John C. Calhoun Jr., vice president for academic affairs and director of the Sea Grant College program, research efforts to be undertaken include work on shrimp mariculture in man-made ponds in Brazoria and Nueces counties, investigation into the economic and environmental impact of an offshore port facility, environmental quality analyses of the Houston

Ship Channel and bay waters and assessment of the underutilized fishery resources of the state. Lamar University and the Moody College of Marine Sciences and Maritime Resources at Galveston will continue to receive support for coastal zone laboratory work.

Under the university program the nation's first commercial harvesting of shrimp reared in man-made ponds has been accomplished and this research-demonstration project will continue under the renewal grant.

The \$1.5 million grant must be matched by \$750,000 in non-federal funds by the university. The state has appropriated \$200,000 for this purpose with the remainder coming from the university and private sources, bringing the total Sea Grant College effort to \$2.25 million for the coming year. In September 1971 A&M was

designated one of four Sea Grant Colleges in the nation in recognition of the institution's "sustained excellence in research, education, conservation and development of America's marine resources." Other Sea Grant Colleges named by the Secretary of Commerce at that time are Oregon State University, the University of Rhode Island and the University of Washington.

During the coming year marine advisory services will receive accelerated support. Marine specialists will be located in Harris, Calhoun and Brazoria counties and a marine education specialist will be placed in Corpus Christi to work with 43 school districts in South Texas. An environmental quality advisory team will operate from the College Station campus, serving on an on-call basis to tackle environmental problems in coastal communities.

A new project with Baylor College of Medicine will investigate the potential public health hazards in Texas coastal waters. At the University of Houston work in coastal and marine resources law will be continued.

Technician training work at (See Sea Grant, page 3)



Workmen on top of the oceanography-meteorology building maneuver a 16-foot wide load onto the radar pedestal. Two five-foot-wide antenna were mounted on struts next to the main dish. A 240-foot crane with a 140-ton capacity was assembled by the Westheimer Co. of Houston for the installation.

Academic Council revises Ph.D. language requirement

A&M's Academic Council revised the Ph.D. degree foreign language requirement last Wednesday, making the doctoral program requirement a departmental option.

The Academic Council revision becomes effective Sept. 1.

Each department will be responsible for deciding the foreign language requirement for Ph.D. degrees authorized the department, and for administering and monitoring the requirement.

The Academic Council revision stipulates that each department will list its option—including the possible option of no language requirement—in the 1973-74 Graduate College catalogue.

Strongly supported by the

Graduate Student Council, the revision culminates four years of study by the GSC, Graduate Council, Graduate College dean and graduate faculty members.

A wide diversity in foreign language requirements for doctoral degrees at the nation's leading colleges and universities were found in studies by the Graduate Council's Subcommittee on Foreign Language Requirements and independent surveys made by Dr. George W. Kunze, Graduate College dean.

Provisions of the policy make it mandatory for each department authorized to offer the Ph.D. degree to decide exactly what the foreign language requirement, if any, will be for its doctoral stu-

dents. Departments may require one or more foreign languages. The individual department also is responsible for determining how the candidate will be expected to demonstrate required proficiency in the language.

Each department will establish deadlines for completion of foreign language requirements and determine that its requirements were met satisfactorily before the Ph.D. degree is awarded, under terms of the revision.

Dean Kunze emphasized that after Sept. 1, the Office of the Graduate College will no longer monitor sections of Ph.D. degree programs listing language requirements.

He said revisions adopted by the Academic Council will provide maximum flexibility in foreign language requirements.

"It will also provide departmental autonomy insofar as the foreign language requirement for Ph.D. candidates is concerned," Dean Kunze indicated. "Each department will now be able to determine exactly what foreign language requirements, if any, will contribute most fully to the intellectual and professional development of its Ph.D. candidates, and the department will have full control over administration of its requirements."

He said the revision is in keeping with a national trend. Dean Kunze noted that the Doctor of Education and Doctor of Environmental Design now awarded by TAMU have no specific foreign language requirements.

Radar antennae

Equipment added to building

A flying saucer landed Monday on the 15-story oceanography-meteorology building at A&M.

The 16-foot dish was the main antenna of the Meteorology Department's new radar system.

It was one of six loads raised to the top deck of the building by a 240-foot crane assembled Friday and Saturday for the mounting job.

Radar engineer Jake Cangelose of the Meteorology Department said the antennae—easily visible from approaches to the TAMU campus—will remain in a stowed position (pointing straight up) until the system transmitter and auxiliary equipment is installed in the building.

Building completion is expected during the spring semester.

The radar unit, in stowed position, stands 12 feet high. With the antennae pointed toward the horizon, it will add 19½ feet to the height of the building. It will be 27 feet wide.

The 4½-ton radar system built by Scientific Atlanta Inc. will have three side-by-side antennae, including five-foot-diameter dishes mounted on struts. They will enable the system to operate at 3.2, 10.3 and 1.25 centimeter wavelengths.

The shorter wavelengths provide increased resolution important to study of cloud physics.

Installation of the pedestal, struts and the antennae was coordinated with Jack Campbell, superintendent for Manhattan Construction Co. which is the main contractor on the building. Assembly was supervised by Dr. Vance E. Moyer, meteorology head; Cangelose; Joe Janac, his assistant, and Dr. George Huebner, in meteorological instrumentation.

The base of the radar unit was installed earlier for alignment on true north, using the North Star as reference.

Dr. Moyer said the installation was designed to withstand winds up to 100 m.p.h. The height of the unit—216 feet above ground level—will not increase the radar's range of essentially 400 miles but reduces obstruction by other campus buildings.

The department's former radar system was blocked out to the northeast by the Academic Building dome.

Components of the former system employed at the department's Goodwin Hall site will be incorporated into the new system by Cangelose and Janac. The

antenna, pedestal and drive of the old system were transferred to a federal agency project at San Angelo last June.

"The new system will be a vast-

ly improved arrangement, the only one of its kind in the world," Moyer said.

They hope to have it in operation by the 1973 tornado season.

Political Forum speakers announced for fall programs

Political Forum presentations this fall at A&M will feature H. Ross Perot on the POW/MIA issue, Dr. George Beto on inmate release policy reform and other major speakers.

Also on the Memorial Student Center committee agenda are Col. Wilson Speir, Texas Department of Public Safety director, and Daniel J. Mahoney, who will discuss "Conservatives as a Political Minority" as chairman of the New York State Conservative Party.

Political Forum Chairman Mike Lindsey said the first major program is scheduled Sept. 13, with Perot speaking.

"This program may be changed," Lindsey added, "as Vice President Spiro Agnew's schedule may permit him to par-

ticipate as a major program speaker later in the month."

Dr. Beto, Texas Department of Corrections director, and Col. Speir will be noon series speakers Sept. 20 and Oct. 4, respectively. The DPS head will speak on "The Texas Rangers in the '70s."

Mahoney will appear as a major program speaker Oct. 18. Other noon series and major program presentations are being sought, Lindsey indicated, including a strong possibility of Political Forum scheduling United Nations Ambassador George Bush.

One of 16 MSC committees providing TAMU students a variety of activities and experiences, Political Forum brings to the campus community prominent state and federal spokesmen on a broad range of topics.

Registration delayed by program failure

A failure in the program used for registration Monday night caused a delay in processing class schedules and fee assessments Tuesday, but this problem was to be cleared up by this morning, Robert Lacey, registrar, announced.

"It's a thing that happens sometimes," he explained. "We've been using the same program since 1968, and it's the first failure we've had."

"This inconvenienced the student who registered Monday," Lacey continued. "Those who

were told to come back Tuesday could not pay their fees at that time. This may be done until Sept. 1."

He added that add-drop revisions were delayed also. Sept. 1 is the deadline for adding courses, and the twelfth class day (Sept. 12) is the last date for dropping courses.

"We're sorry this happened, and we regret inconveniencing anyone," Lacey said. "It's just one of those things. This will happen with a system this big."

... And the heat goes on as A&M gridgers participate in two-a-day football workouts

The Texas Aggies have taken to the practice field for fall drills, and the weatherman hasn't been as kind to the football team as many of the 100 athletes would have liked. At left, Pat McDermott touches up his soccer-style kicking technique with the assistance of senior yell leader Hank Paine. Below, Lex James gets set to run the offensive backfield through one of Emory Bellard's Wishbone plays. At right, the entire operation is under the scrutiny of trainer-equipment manager Billy Pickard. See related story, page 7. (Photo by John Curylo)

