



COLLEGE BOWL SCRIMMAGE UNDERWAY
Dr. H. P. Kroiter shoots questions at Cadets Darling, Dresser, Clifton and De Frank

Students Begin First Round Battle For GE Bowl Berths

About 15 students met in Room 113 of Nagle Hall Tuesday night and began oral sessions that will eventually determine who will represent A&M on the "General Electric College Bowl."

The students were asked questions prepared by their coach, Dr. Harry P. Kroiter. These sessions will be held every Tuesday and Thursday night until October 18. TWELVE SEMIFINALISTS will be chosen by October 18, and on October 29 eight finalists will appear as two teams on KBTX-TV in Bryan. From these eight finalists four students will be chosen as the A&M team, which on November 10 will travel to New York City to appear on NBC-TV against some other college or university team.

Perhaps the most important factor in determining who will be on A&M's team will be the performance during an oral rehearsal of a panel session before a live audience. It will involve timed responses and quick recall.

"NO STUDENTS will be eliminated until after the oral sessions are completed," said Kroiter.

Of the 35 students that are presently competing for the team, one third are from the fields of history and literature, one fourth

A&M Meats Team Advances To KC

The A&M University Senior Meats Judging Team leaves Wednesday to compete in the American Royal Livestock Show Oct. 11-19 in Kansas City, Mo.

About 20 teams, representing the nation's major agricultural schools, are expected to test their skills in the Oct. 15 contest.

Aggie team members are Vernon Fritze and Jerry Simon of San Antonio, Gail Wood of Spicewood, Franklin Reagor of Llano and Clifford Spaeth of Doss.

Dr. Zerle Carpenter and Dr. R. J. Cooper of the A&M department of animal husbandry coach the students.

He said the team will be honored Oct. 13 at a dinner sponsored by the A&M Heart of America Club in Kansas City and will attend an awards banquet Oct. 15 in Kansas City Livestock Exchange Building.

The Aggies will return to College Station Oct. 17.

Wire Review

By The Associated Press
LONDON — Prime Minister Harold Macmillan entered a hospital Tuesday night for a prostate operation and cancelled plans to tell a Conservative party rally Saturday his plans for the future.

SAIGON, Viet Nam — Pamphlets circulated in Saigon Tuesday calling for the army, civil servants, students and shop owners to stage a general sit-down strike against President Ngo Dinh Diem's regime.

ALGIERS — President Ahmed Ben Bella, already battling an Algerian Berber revolt, charged that Moroccan irregulars attacked Algerian troops Tuesday and 10 persons were killed.

WASHINGTON — German rocket expert Wernher Von Braun said Tuesday that a space budget as low as \$5.1 billion this year would mean "we as a nation will have to back out of our publicly stated commitment and admit defeat."

The \$5.1-billion figure is what is before Congress this week.

WASHINGTON — The Senate Commerce Committee toned down and then approved Tuesday a bill to ban racial discrimination in public accommodations—the heart

of President Kennedy's civil rights program.

Approval by a 14-3 vote came after the committee stuck in many exemptions, including those neighborhood shops not part of an interstate chain and some rooming houses with fewer than five rooms to rent.

WASHINGTON — The Senate passed its first major education bill of the year Tuesday, authorizing \$3.2 billion for vocational training, college loans, and impacted areas.

The bill expanded a straight vocational education bill that was passed by the House earlier this year. The new version must win House approval before it can go to the White House.

TEXAS NEWS
HOUSTON — A motion to throw out a brief filed in the Texas congressional redistricting suit was denied Tuesday by Circuit Judge John R. Brown.

HOUSTON — The space agency Tuesday named Dr. Joseph F. Shea to head its Apollo spacecraft development effort at the Manned Spacecraft Center.

Shea becomes the third man within six months to lead the program designed to place a man on the moon by 1970.

Graduate Training Deadline Is Nov. 1

Information concerning the Foreign Area Fellowship Program for graduate training in the social sciences, including education and the humanities may be obtained at the office of Graduate College Dean Wayne C. Hall.

Deadline for submitting applications for the 1964-65 year is Nov. 1.

The foreign areas are Asia and the Near East, the Soviet Union and Eastern Europe, Africa (south of the Sahara) and Latin America.

Applications are invited for graduate students and from persons who already have received the doctorate in one of the social sciences or humanities but who wish to add foreign area and language training.

Deadline Set For Selection To Who's Who

Nominations for 36 A&M University students for listing in "Who's Who Among Students in American Universities and Colleges" is underway and will continue until noon Oct. 17, Dean of Students James P. Hannigan announced Tuesday.

"Members of the Who's Who Selection Committee or a student on his own behalf, may submit nominations," Hannigan said. "The committee may consider names for which no nominations have been received in cases where they feel that a meritorious person has been overlooked."

SCHOLARSHIP AND extracurricular activities are key factors in selection of students for the national publication, he said.

Nominees must be seniors academically and expect to receive a degree by June.

"Veterinary medicine students are eligible if they will become seniors by February, 1964, and graduate before September, 1964," the dean said.

The nominees must have an over-all grade point ratio of at least 1.5.

Nomination forms should be submitted to either the Memorial Student Center main desk, the Commandant's Office, Housing Office or the office of the Dean of Students, Hannigan noted.

"IT IS NOT necessary to include qualifications on the nomination form," Dean Hannigan said. "This information will be obtained later."

Selectees will be announced in December after notice is received from the publication, Hannigan explained.

Bond Issue Passes By 297-89 Count

National Science Foundation Info Now Available At Graduate Office

Details of the National Science Foundation Graduate Fellowships for the 1964-65 academic year are available at the office of Graduate Dean Wayne C. Hall.

Applications must be relayed to Washington by Jan. 3. The NSF plans to award approximately 4,000 graduate fellowships in science next year. These will be distributed between the Foundation's Graduate and Cooperative Graduate Fellowship programs, which provide the same basic stipends.

The Graduate Fellowships will be awarded on the basis of ability for study or work in a variety of areas.

Applicants must be United States citizens who have demonstrated ability and special aptitude for advanced training in the sciences and have been admitted to graduate status by the institution they select or will have been admitted prior to beginning their fellowship tenure.

Awards will be made to individuals studying for either masters or doctoral degrees.

8 Cent Tax Raise Goes Into Effect

By MIKE ODOM
Battalion Staff Writer

Voters in the A&M Consolidated School District approved a \$250,000 bond issue 397-89 Tuesday.

"The school board greatly appreciates the overwhelming support of the voters in favor of this matter," said W. T. Riedel, district school superintendent.

The \$250,000, plus a cash surplus of \$100,000 and a government loan of \$25,000, will make up a total expenditure of \$375,000 for a building program.

The passage of the bond issue means an eight cent increase over the present tax rate of \$1.90 per \$100 property evaluation.

THE BUILDING PROJECT, proposed because increased enrollment and curriculum expansion, will be expended as follows: high school, \$235,000; elementary school, \$80,000; administration building, \$28,000; architect fees, \$28,000; financing fees, \$2,000, and equipment, \$10,000.

The buildings to be built at the high school will include a library, a health and physical education building, a language laboratory and three new classrooms. The old library will be converted into two additional classrooms.

The College Hills Elementary School will get six additional classrooms and possibly two more.

THE INCREASED enrollment of high school students has made an expansion of the Health and Physical Education Building necessary. The present building was built to accommodate 88 high school students and presently 832 high school and junior high students use the facilities.

Mrs. C. K. Leighton, principal of College Hills Elementary School, said the elementary school has filled up two or three ahead of expectations. She gave credit for this rise to several factors: the expansion of the A&M Graduate College, the expansion of A&M itself and the growth of a new neighborhood in the College Hills School area.

Mrs. Leighton went on to say that the enrollment has increased so greatly that one section of the first grade had to be transferred to the A&M Consolidated Elementary School this year. If the bond issue had failed to pass the College Hills School could have been forced to double sessions.

Castro Escapes Drowning In Oriente Province River

HAVANA (AP) — Prime Minister Fidel Castro narrowly escaped drowning in an Oriente Province river flooded by the rains of Hurricane Flora, Radio Havana said Tuesday.

The story of Castro's mishap Monday was broadcast to the Cuban people in the wake of a government order halving their food rations to compensate for Flora's damage to crops, poultry and livestock.

The Tass correspondent in Havana reported to Moscow that "the toll of human casualties is continuing to grow" but gave no figure.

THE BEARDED prime minister was on an inspection tour of the hurricane-ravaged eastern provinces. He and his party were traveling by automobile along the island's central highway when they found high water had knocked out a bridge over La Rioja River, between Victoria de las Tunas and Holguin.

Radio Havana said Castro and three aides transferred to an amphibious truck for the crossing. The swift current pushed the vehicle against a tree and waves washed over its open back. Swamped, the truck began to sink.

PEASANTS quickly backed a heavy truck to the water's edge, knotted ropes to the truck and hurled the free ends to Castro's party. The prime minister and his aides pulled themselves to safety.

Castro completed his trip to Holguin on a bus.

The eastern provinces of Oriente and Camaguey, prime producers of sugar cane, cattle and coffee, were hardest hit in Hurricane Flora's five-day visit to Cuba.

The Agrarian Reform Institute, which is in charge of food production and distribution, said the marketing of coffee was halted because the crop was just in the process of being harvested.

Rudder Promoted By Vance To Continental Command Post

Maj. Gen. Earl Rudder, a World War II hero, was named by Army Secretary Cyrus R. Vance to a top assignment in the U. S. Continental Command Tuesday.

The A&M University president is the new assistant deputy commanding general for mobilization of the command.

Rudder has served since 1955 as commanding general of the all-Texas 90th Infantry Division, tutored by Army inspectors as a combat-ready component.

THE GENERAL will be on active duty in Continental Command headquarters at Fort Monroe, Va., for two weeks annually. In the event of national emergency requiring massive buildup of the Army, he would be called to the post full time.

Rudder has been active in the Army's Reserve program since World War II. He led the American Rangers up the 100-foot cliffs at Pointe du Hoc on the Normandy shore during the D-Day invasion.

"No soldier in my command has ever been wished a more difficult task than that which befell the 34-year-old commander of the

Rangers," General Omar Bradley, commander of the U. S. Forces in France, said at the time.

RUDDER WAS commissioned in 1932 upon graduation from A&M. He became president of the institution in 1959 after resigning as state land commissioner.

"I have felt great pride in serving with the 90th," General Rudder said. "The officers and men of the division are the best I have had the privilege of serving with. Their leadership makes the 90th one of the Army's finest."

Command of the 90th has been assumed by Brig. Gen. Robert H. Travis of San Antonio, assistant division commander. Division units are located in 40 Texas towns and cities.

Engineer Society Hears Discussion On New Operation

The Society of Automotive Engineers sponsored a program concerning "Operation Mohole" Tuesday night at 7:30 in Room 228 of the Chemistry Building.

A&M graduate J. N. Biron, chief engineer of the project, and William P. Schneider, a scientist in electronic logging, presented the program. Both men are with Brown & Root, Inc., of Houston, contractor under the National Science Foundation for this project.

"Operation Mohole" will attempt to drill through the earth's surface to the mantle that surrounds its hot core. This crustmantle boundary, the Mohorovicic discontinuity, is believed by some scientists to hold a wealth of secrets on the earth's formation and the action of its crusts. The Soviet Union is also interested in a similar operation, but some of the Russian scientist see possibilities of power plants that would utilize the heat of that depth.

The depth of the hole is expected to be about six miles, and a hole of this size will cost nearly 70 million dollars. Some scientists feel that the findings of the project will not be worth this cost.

Those present included members of the American Society of Mechanical Engineers and of the departments of petroleum engineering, meteorology, oceanography, geology and geophysics.

80-100 Students, Advisors Expected For Science Meet

Dr. Charles LaMotte, professor of biology and program director for the Collegiate Science Research Conferences, recently met with the A&M University Conference Committee to formulate plans for the Science Research Conference to be held Dec. 16 and 17.

Between 80 and 100 outstanding science students and their science faculty advisors are expected from a dozen or more of the senior colleges of Texas not offering doctoral graduate programs.

The two-day program will include addresses by A&M scientists, visits to the Nuclear Research Center and other research laboratories, panel discussions on graduate study and research career opportunities, individual conferences with departmental heads and other professors and a banquet at the Memorial Student Center.

The conference is one of three now being arranged for the current semester. One will be held at the University of Texas Nov. 11 and 12, and the other is set for Nov. 25 and 26 at North Texas State University.

The A&M Research Foundation administers the \$10,465 National Science Foundation grant supporting the project.

Church Group Will Hear Delinquency Discussed Tonight

Louis Beck of the department of sociology will speak on "The Role of the Church in Combating Juvenile Delinquency" at the Presbyterian Student Center, Wednesday at 7:15 p.m.

Beck's address will be given at the regular weekly forum held jointly by the Disciples' Student Fellowship, the Presbyterian Student Association, the United Church of Christ Student Organization and the Methodist's Wesley Foundation.

The Corps' Call to Quarters is delayed until 8:30 on Wednesday nights to allow students to attend church services and activities.

In addition to the Wednesday forum, the four campus religious organizations offer other opportunities for worship and study.

Holy Communion is celebrated each Friday at 6:45 a.m.

Student-discussion seminars will begin October 25 at 6:30 p.m. Freshmen will study "The Unfolding Drama of the Bible," led by Bruce Fisher, Paul Baumer and Richard Thomas. Walter Allen and John Combs will conduct a study for upperclassmen based upon John Robinson's book, "Honest to God."

ME Students Work With X-15 Model

Using a spar shaped like the X-15 aircraft, A&M University students record its vibrations in flight in classwork.

These students are enrolled in Mechanical Engineering 459 (mechanical vibration) taught by T. A. Noyes. In the setup that stimulates the plane they use a mechanical device to create the vibrations, and data are taken with special instruments.

The classroom studies have generated such interest on the part of students and faculty that sponsorship of research carrying on the idea to provide data for the X-15 program is planned. The work will be conducted under Noyes who was formerly employed in the Vehicle Systems and Dynamics Branch of NASA's Flight Research Center at Edwards, California.

Through inexpensive structural models he hopes to provide data for testing designs of proposed aircraft in advance of construction to conquer the problems caused when flexible structures are coupled with rigid body control systems.