

John McCarroll

"tell you what I'd do"

So that there will be no misunderstanding about the gullibility of this writer let's clear the air.

The following information was mailed to this office from a school in the Southwest Conference. It was a collection of "little know facts concerning the football team." Appropriately enough it was entitled "mini-facts."

I know, and you know, that it was mailed out just to get sportswriters and sportcasters to plug the team, but considering the way it is to be handled here it might be best if the team was left anonymous.

By a thorough evaluation of all of these "mini-facts" the average player for this unnamed team should stand between 5-7 and 6-5, he should wear shoes between size 6 1/2-D and 13-D.

This player should have an appealing, emotion-provoking name such as Huckleberry Finn or Holden Caulfield. He should love apple pie, "Mom's homemade bread" and lasagna.

Huck should come from a small town in Texas where at least one movie starring Paul Newman had been filmed. During the summer months the ideal player should work as either an actor of a beef hanger. He should be a rabid comic book collector and enjoy body surfing.

Perhaps the most important thing about this player is that he should have had his birthday on the same day A&M played last year. He should have broken his leg during the game and watched A&M beat his team.

All of these little known facts about the football team are listed in this "teaser" and if they ever fell into the wrong hands could be dangerously used for blackmail rather than free publicity.

Navy To Reduce Officer Classes

The Revenue and Expenditure Control Act of 1968, signed into law on June 28, required the President to reduce Federal expenditures in Fiscal Year 1969. In order to meet the limitations enacted by the Congress, the Navy will reduce classes at its Officer Candidate School, according to Lcdr. A. I. Nadler, Commanding Officer of the Houston Recruiting District, which encompasses all of Southern Texas and part of Central Texas. He said the reduction will affect some persons already assigned to September, October and November classes.

"I want to emphasize," Lcdr. Nadler stressed, "that this does not mean any candidate already selected will be dropped, but may delay the reporting date of some of these candidates."

All selectees are being contacted and asked to voluntarily request reassignment to a later class.

"WE HOPE," Nadler added, this procedure will take care of the greater percentage of the reductions, and keep involuntary assignments to later classes to a minimum." Those candidates re-assigned to later classes will be notified as soon as possible.

The larger number of applicants and reassignments of candidates has caused some delay in application processing. "Faced with these circumstances," Nadler said, "we expect Officer Candidate School quotas to be reduced; nonetheless, all interested college graduates who desire to apply will be considered in competition with all other applicants."

The school, located at the U.S. Naval Station, Newport, R.I., turns out a class every month except December. In the last 12 months it has graduated 4,279 Naval reserve officers. The majority of its graduates become "unrestricted line" officers. The term "line officer" traces back

to the earliest days of the American Navy when fighting ships were designated as "ships of the line of battle." This was shortened to "ships of the line" and the officers were "officers of the line." In time, they became "line officers."

Candidates for the Navy Supply Corps and Civil Engineer Corps also attend the school.

NASA Publishes Martin Paper

A dissertation by Dr. R. E. Martin, assistant professor of mechanical engineering at Texas A&M University, has been published as a technical memorandum by the National Aeronautics and Space Administration.

The work, "A Second-Approximation Theory for Sandwich Shells," is based on findings of a NASA-sponsored research project of which Dr. Thomas J. Kozik is principal investigator.

"Sandwich" construction is frequently used in the aerospace industry due to requirements of high strength and low weight. The conventional sandwich shell consists of two thin layers of high strength material separated by a thicker layer of weaker but much lighter material.

Martin's paper presents equations based on second approximation shell theory to describe the behavior of sandwich shells. The theory presented accounts for several effects not considered in some of the field's previous theories.

Martin joined the Texas A&M faculty in 1967. He received engineering degrees from the universities of Mississippi and Houston and earned his doctorate at A&M.

A&M Graduate Gets Purple Heart

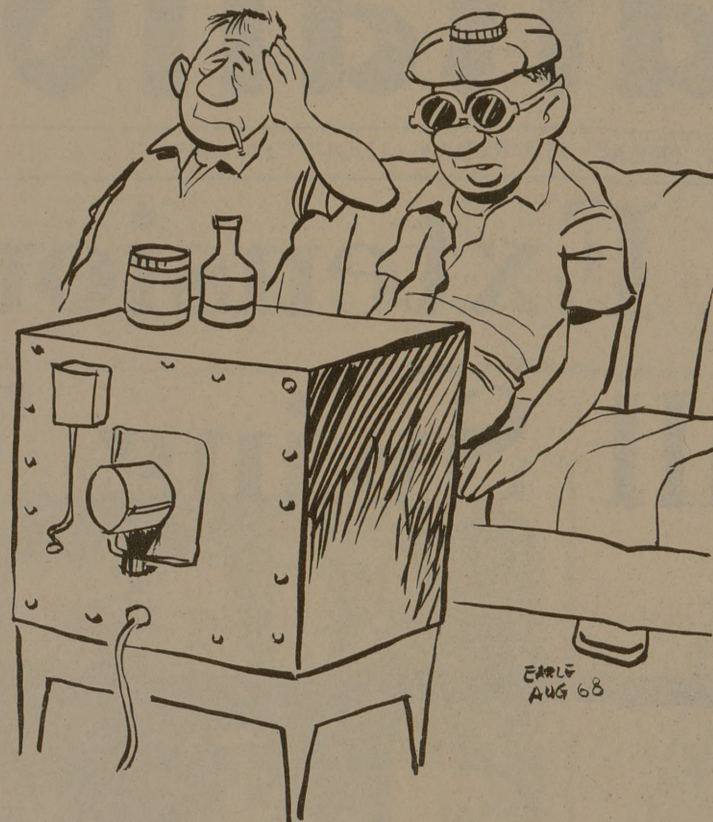
Army Maj. Milton R. Roberts of Dallas, a 1958 Texas A&M graduate, has been awarded the Purple Heart for injuries received in action in Vietnam early this year.

Roberts is a patient at Brooke Army Medical Center, Fort Sam Houston. He wears the Bronze Star medal, 12 awards of the Air Medal, Commendation Medal and Vietnamese Gallantry Cross.

He studied civil engineering, was a cadet first lieutenant and executive officer of "A" Chemical in the corps. The Distinguished Student marched with the Ross Volunteers and Freshman Drill Team.

CADET SLOUCH

by Jim Earle



"Now that it's over, who did they nominate?"

Jensen To Begin High School Tour

A Texas A&M lecturer who will describe atomic energy, its uses and the university's programs begins a tour of 73 state high schools Sept. 9 in El Paso.

Donald V. Jensen, manager of a "This Atomic World" demonstration lecture program, will cover a 160-mile wide strip of Texas from El Paso almost to Houston before Christmas.

A&M cooperates in the program with Oak Ridge Associated Universities and the Atomic Energy Commission, which designed the 40-minute program.

In the animated lecture, Jensen describes structure of atoms, radiation, reactors and fusion in student terms. Special equipment shows radiation sources, how nuclear energy is harnessed for electrical power, diagnosis and treatment of diseases and life process studies using radioisotopes.

He goes into more detail in talks before science classes and describes A&M programs in nuclear engineering, science and engineering. The TAW lecturer is frequently asked to speak to civic organizations and A&M clubs.

Jensen will return this week from Oak Ridge, Tenn., where he has been preparing the lecture presentation under ORAU supervision. He will tour the program through almost 200 Texas high schools during the 1968-69 school year.

AYI Members Hold Orientation

Academic Year Institute participants from 17 states and India checked in Monday at Texas A&M for the 1968-69 school year.

The two weeks before fall semester registration will be utilized by the 30 junior high science teachers for orientation, counseling, testing and selected tours, noted C. M. Loyd, A&M coordinator of National Science Foundation programs.

NSF-supported study through the institute can lead to a master's degree in education or certification in a specific teaching area.

The AYI participants will attend a four-hour mathematics class daily during the two weeks under Prof. Roger V. McGee. A Monday orientation and walk-through campus tour will precede the first class.

They will register with the regular student body Sept. 13-14 and start fall semester classes Sept. 16.

AYI will add about 100 to the university community this year, Loyd said. Majority of the teachers are married and will reside in university housing.

Among 50 children are 31 school-age youngsters.

Not All Water Pure As A Pearl

Any thoroughly indoctrinated fan of television commercials is aware that certain spring-fed rivers determinedly grope their way over purifying rapids and underground through a natural filtration system enroute to a San Antonio bottling establishment.

Unfortunately, this picture does not describe all of our nation's streams, points out Dr. Wilbur L. Meier, Jr., associate professor of Industrial Engineering at Texas A&M.

Meier is principal investigator of a water quality management research project of the Water Resources Institute funded by the U. S. Department of the Interior.

"Pollution of the environment is one of the important problems of our time," Meier said. "It usually results from man's production and use of energy, however, so it can be described as the undesirable effects of technological advances."

Water quality management is the goal of water pollution control, Meier noted. Such management would insure usable water for successive users along the stream.

Governmental agencies have sought in various ways to solve the problem by imposing and implementing certain treatment standards on waste dischargers, he explained.

Some of the common methods are the effluent standard, which requires all dischargers to provide equal treatment, the stream standard, which requires keeping the stream at a certain quality, and flow augmentation, in which waste flows are diluted from other water sources.

Meier sees a growing need for methods for water quality management as a competing use for

water. The Texas T&M research involves formulation of a multi-stage model of a system, including both reservoirs and waste treatment plants. Techniques are also being developed for managing apportionment of costs among the waste dischargers.

Estimated expenditures of \$29 billion nationally and \$340 million in Texas during the next five years are quoted by Meier to indicate the importance of managing water quality.

"Considering these large proposed expenditures, it is imperative that optimum problem solutions be found," he concluded.

The Texas A&M researcher also acts as technical adviser for the Texas Water Development Board, which is analyzing the state's overall water problems from a system concept. The board is preparing a report outlining long-range water problems and proposing a coordinated framework plan of project development.

Meier's work as consultant involves developing mathematical and computational techniques for managing a complex system of reservoirs, pumping plants, pipelines, canals and other facilities as an integrated whole.

Meier received his doctorate from the University of Texas and joined Texas A&M in 1967. He serves as regional correspondent for the Health Applications Section of the Operations Research Society of America.

Doctoral candidates D. S. Miller and Nawaz Sharif also are participating in the Texas A&M study.

The first fan probably was a leafy branch waved by some prehistoric man to fan his fire or whisk flies from food.

Sound Off

Editor, The Battalion: There are some Aggie who think that telling Aggie jokes is good publicity for A&M. We have an eight-year-old neighbor boy who received an Aggie T-shirt from his Aggie uncle but refuses to wear it because of all the Aggie jokes he hears.

Let's take more pride in A&M and refrain from telling Aggie jokes and have pity on the jealous souls who keep telling Mrs. O. L. Oliver, Jr. Wife of an Ex-Aggie

Georgia, not California, founded the first United States geology in 1828, the National Geographic Society says.

The Amazon pours 64 billion gallons of water into the sea every second.



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