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What's up

Thursday
PHILOSOPHY COLLOQUIA: John J. McDermott will speak on "William James: Vestibule to the Twentieth Century" at 3:30 p.m. in 302 Rudder.
ADULT CHILDREN OF ALCOHOLICS: will meet at 6 p.m. Call 845-5826 for location.
ALCOHOLICS ANONYMOUS: will meet at 12:15 p.m. Call 845-5826 for location.
TAMU AMERICAN CIVIL LIBERTIES UNION: will meet at 7 p.m. in 604 A-B Rudder.
ALPHA PHI OMEGA: will meet at 6:30 p.m. in 230-231 MSC.
TAMU POLO CLUB: will meet at 7 p.m. in 504 Rudder.
TAMU ROADRUNNERS: will meet at 7 p.m. in 302 Rudder.
STUDENT ACTIVITIES: deadline for recognized student organizations to submit dates to the 1987 Summer Calendar is today.

Friday
UNITED CAMPUS MINISTRY: will meet for a peanut-butter fellowship at 11:30 a.m. at Rudder Fountain and for Bible study at 6:30 p.m. at A&M Presbyterian Church.
CHI ALPHA CHRISTIAN FELLOWSHIP: will meet at 7 p.m. in 156 Blocker.
INTERVARSITY CHRISTIAN FELLOWSHIP: will meet at 7 p.m. in the All Faiths Chapel.
BLACK AWARENESS COMMITTEE: will conduct its spring formal at 8 p.m. in the Ramada Inn Ballroom.
HORSEMEN'S ASSOCIATION: will meet for a banquet at 7 p.m. at the Green Branch Center.
TAMU BADMINTON CLUB: will meet at 7 p.m. in 351 G Rollie White.
TAMU HANDBALL CLUB: will sponsor the "Aggie Spring Classic" Friday through Sunday at the Read Building.
BRYAN-COLLEGE STATION CHAMBER OF COMMERCE: applications for Outstanding Woman of the Year are available at the Bryan-College Station Chamber of Commerce and Visitors Center through Tuesday.

Items for What's Up should be submitted to The Battalion, 216 Reed McDonald, no less than three working days before desired publication date.

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read music, performing in the Army could be your big break. Write: Chief, Army Bands Office, Fort Benjamin Harrison, IN 46216-5005. Or call toll free 1-800-USA-ARMY.



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Geophysicists from A&M test salt-mine radar

By Sondra McCarty Reporter

Texas A&M has tested a new radar system that allows miners to see through rock when mining for salt. The successful testing of the Bravo system took place in the Borth Mine in Dusseldorf, Germany.

Dr. Robert Unterberger, professor of geophysics at A&M, and two graduate students in geophysics, John Mims and Michael Thornton, were invited to Germany by the Solvay Co., a Belgian salt mining company.

Mims said they were asked last year to visit Germany by Solvay, which owns the Borth Mine, because it was interested in their research.

Unterberger started the research in the late 1960s, Mims said, when the company he worked for wanted a tool to find salt domes while drilling for oil.

Unterberger said safety is the key reason for the research. With the tool, he said, someone mining toward a cavity of water can see ahead to prevent any disasters.

Another reason for this research is in planning, he said. Impurities in the salt can be found, then mined around, he said.

Mims said, "One reason we use the system is we wanted to find out with radar where there is anhydrite, a mineral commonly found in rock salt which has no value."

Thornton explains how the Bravo system works.

"There are three different systems. There is Bravo, which is long wave; Charlie, which is medium wave; and Foxtrot, which is microwave. Long waves see big particles or impurities and short waves see small ones," Thornton said.

The Bravo system works on 25 megahertz, which is the frequency of the carrier beam. This is extremely considering the electrical wiring in a house is 60 hertz.

A change in the kind of rock will give rise to reflections, he said.

"Ultimately, we will want to use the reflections and compare them to the geology of the salt mines," he said. "A good system will take the reflections and process them to see exactly what's there."

Thornton said Bravo is made from B-17 bomber parts.

"Actually, this was its second trip to Germany," he said.

Mims said Germany has a similar system, but the radar transmits in all directions. The Bravo system has a beam of 24 degrees instead of 20 degrees, he said.

Funding for the research came from several companies that own salt mines.

Unterberger said, "We received funding from several people who own salt mines in the United States, one in Canada and one in Belgium."

"It probably cost \$150,000 to build, but we insured it for \$60,000."

Mims said Solvay paid for all expenses on the trip, including transportation, room and board.

Thornton said, "We got good results, but they weren't what we expected. It could take years to get what we want—we have a lot left to do."

Unterberger said, "We got great results. We can see through about 600 meters, or 2,000 feet. We want to see up to 2 kilometers."

"I want to see the research used for the benefit of civilization."

"I've got a terrible secret. If they only knew what I go through to stay thin."

When the extreme fear of being overweight becomes obsessive, it leads to unusual and harmful eating practices.

Anorexia and Bulimia are eating disorders which are becoming more prevalent. Anorexia, the excessive pursuit of thinness, can result in malnutrition, low blood pressure, loss of hair, irrational thinking and even death. Bulimia, compulsive eating binges followed by the purging of food, can lead to severe dental problems, kidney failure or cardiac arrest.

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Pennzoil committee to monitor procedures

NEW YORK (AP) — Representatives of Pennzoil Co. and Tenneco Inc. have been chosen co-chairmen of one creditors' committee monitoring the bankruptcy proceedings of Texaco Inc., while a Metropolitan Life Insurance Co. executive will head the other.

Members of the two committees — one made up of seven oil companies, the other of 19 banks, general trade creditors and a union — were named Monday by U.S. Trustee Harry Jones. They selected their leaders in organizational meetings Tuesday.

Pennzoil had said Monday that it wanted to chair or co-chair the oil company committee, in light of the fact that it is by far Texaco's largest creditor.

The Houston-based company was holding a \$10.35 billion judgment against Texaco on April 12, when Texaco filed for protection under federal bankruptcy laws. Texaco officials estimated Texaco's total liabilities at \$15 billion.

In November 1985, a jury ruled that Texaco had wrongly interfered with a merger agreement between Pennzoil and Getty Oil Co. and awarded Pennzoil \$10.53 billion in damages, an amount later upheld by a judge who added interest, but which was subsequently reduced on appeal to \$2 billion.

Jones said Monday he was setting up two committees, instead of the more customary one, to help the case "proceed in a smooth and orderly fashion."

He said he hoped the move would help the creditors concentrate on substantive issues, such as getting the creditors paid and preserving stockholders' value.

Creditors and others, including Texaco attorney Harvey Miller, generally applauded the establishment of the separate oil-industry committee.