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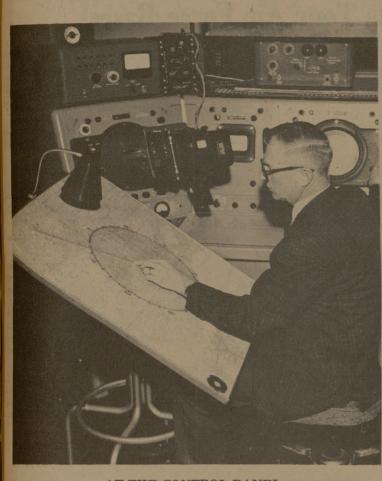
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said:

'Married' Radar Sets To Begin Operation Within Few Days



AT THE CONTROL PANEL ... Vance E. Moyer demonstrates 'married' radar sets.

CAMPUS BRIEFS

Nero Ducats Go On Sale Monday

Tickets will go on sale Monday sored annually by the Texas Transin the Student Programs Office portation Institute and its advisory of the Memorial Student Center committee. for the April 2 Town Hall performance of the popular pianist,

"Since this is an extra attraction in the Town Hall series, there will be no reserve seats. Season tickets and student activity cards are not acceptable," Robert L. Boone, Student Programs director,

All seats will be \$1.

Tickets for "Ballet Folklorico of Mexico, scheduled April 13, will go on sale April 5. The performance is covered by season tickets and activity cards.

The "bonus' Town Hall performance has been scheduled for May 14 and will feature the "Dukes of Dixieland," with Comedian Louie Nye. Season tickets and student activity cards will be accepted for the show.

LATIN COFFEE

Latin American students attending Texas A&M University are invited to attend a coffee Saturday afternoon for Alcides Leal-Osorio, a Chilean agricultural leader.

The coffee, set for 5:15 p.m. in the Birch Room of the MSC is being arranged by the International Programs Office and the International Hospitality Com-

Leal-Osorio is chief of the Community Development Section of the Department on Rural Welfare of the Institute for the Development of Cattle and Agriculture in Chile. He is also president of the Radical Youth Organization of the Chilean National Radical Party.

SPACE SYMPOSIUM

A symposium on reliability, space age analytical techniques in evaluating systems and components for many purposes opened Wednesday on campus. The classroom sessions continue through Friday afternoon.

As many as 80 persons, including A&M students are expected for some of the sessions at the MSC. Registration totaled 35 men from industry, the military and

other campuses. Five Texas sections of the American Society for Quality Control are listed as co-sponsors of the symposium with the Institute of Statistics and the Department of Industrial Engineering.

TRANSPORTATION CONFAB Students, faculty, and staff members will be admitted to all sessions of the Seventh Texas Transportation Conference, April 1 and 2, without having to pay the registration fee, according to an announcement by Maj. Gen. John P. Doyle, MacDonald Chair Professor of Transportation, the conference director.

The sessions will include such topics as Intra-State Transportation Requirements of Texas, Computerization of Tariffs, Objectives of De-regulation, Transportation Companies, Future of Highway Transport, and Vehicle Weights and Sizes. The conference is sponA husband and wife never see

operational dual-frequency system for weather use— will begin within a few days. The National Science Foundation granted \$18,900 for modifying two high-power radars already on the campus. Feasibility of this approach was determined in earlier studies here under an NSF grant of more than \$90,000. The earlier studies yielded material for graduate students' these professional journals and papers at national and international con-

Vance E. Moyer directs the program aimed at unlocking secrets of rain and other participation-yielding clouds. He hopes to develop a radar approach to estimating how much rain is within the clouds. Information yielded by this approach also may prove of value to rainmakers and hydrologists.

The newly "married' radars see differently because they emit beams of different wavelengths.

"The smaller the wavelength the greater the sensitivity to the Russians in the field of radar the smaller raindrops. This is the main difference," Dr. Moyer; said as a radar meteorologists.

This difference in length of the radio waves causes a variable—attentuation is the techni-

things quite the same way, and above the Riesel area 17 miles so it is with newly "married" east of Waco will be checked radar sets on the A&M campus. against actual rainfall measured Operational use of the unique at the Blacklands Experimental matched radars-the only known Watershed. The watershed with "a rather dense network" of rain measuring stations on Brushy Creek is operated by the U.S.

Department of Agriculture, Aggricultural Research Service. Ralph Baird is in immediate charge A&M's Dr. Robert A. Clark will be concerned especially with developing the application of radar

meteorology techniques to water resources uses. He is an assistant professor with hydrometeorology as his special field.

Knowledge that radar can be used to spot weather patterns dates from World War II when radar was newly developed. Dr. Moyer told of radar operators in India picking up unidentified objects. Eventual checking proved these to be the bluffs along the coast of Arabia as far away as 1700 miles. Layers of air with great contrast in temperatures and water vapor were bending the radar beams, allowing them "to see" for miles beyond normal limits.

"Very little" is being done by meteorology," Moyer said.



Check Up
... Project Research Engineer Jake Congelose checks antenna.

Transportation Institute Conducts Motor Carrier Survey

our gadgetry, to make a quanti-tative evaluation of the preci-Charley V. Wootan is conducting quested the SWMFB to initiate a TTI, working in cooperation with through A&M's Data Processing

pitation cell itself," Moyer said. the research for the Southwest continuing traffic study for use in Dr. H. O. Hartley, director of Center, Richards said.

cal term—in the scattering of the scattering of the waves within the clouds. Vide statistically reliable estimates providing tariffs for the 299 com—the request of J. D. Hughett, gen—ure the present project to provide Heavy rainfall "soaks up" the of the size and character of all mon motor carriers within the eral manager of SWMFB, who data on shipments for rate studies

A&M researchers are conducting | Motor Freight Bureau, an agency | its present investigation and other | A&M's Institute of Statistics. With Heavy rainfall "soaks up" the 3.2-centimeter radar set beam.

The 10.3-centimeter beam is large enough to penetrate storms composed of the largest rainfallogs.

The 10.4-centimeter beam is large enough to penetrate storms composed of the largest rainfallogs.

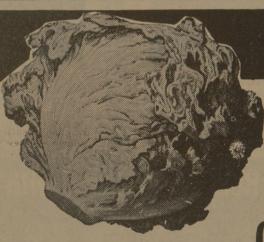
The 10.5-centimeter beam is large enough to penetrate storms composed of the largest rainfallogs.

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The 10.5-centimeter beam is large enough to penetrate storms composed of the largest rainfallogs.

The 10.5-centimeter beam is large enough to penetrate storms composed of the largest rainfallogs.

The 10.5-centimeter beam is large enough to penetrate storms composed of the size and character of all mon motor carriers within the eral manager of SWMFB, who data on shipments for rate studies states of Texas, Oklahoma, Louisinitially requested the Texas and Arkansas, which handle almost 20 million separate shipments for rate studies states of Texas, Oklahoma, Louisinitially requested the Texas and Arkansas, which handle almost 20 million separate shipments for rate studies states of Texas, Oklahoma, Louisinitially requested the Texas and Arkansas, which handle almost 20 million separate shipments for rate studies states of Texas, Oklahoma, Louisinitially requested the Texas and Arkansas, which handle almost 20 million separate shipments for rate studies of Texas, Oklahoma, Louisinitially requested the Texas and Arkansas, which handle almost 20 million separate shipments for rate studies of Texas, Oklahoma, Louisinitially requested the Texas and Arkansas, which handle almost 20 million separate shipments for rate studies of Texas, Oklahoma, Louisinitially requested the Texas and Arkansas, which handle almost 20 million separate shipments for rate studies of Texas, Oklahoma, Louisinitially requested the Texas and Arkansas, which handle almost 20 million separate shipments for rate studies of Texas, Oklahoma, Louisinitially requested the Texas and Arkansas, which hand



Collard Greens -Bunch 2 for 25¢ Rutabagas Fresh and Firm—Lb. 10¢

Asparagus Serve with Cheese Sauce-Lb. 25¢ Cantaloupes Serve for Breakfast Treat—Lb.25¢

Michigan Peat 2 100-lb. \$350

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Grapefruit Indian River, Ruby Red. A good way to start the day—Lb. 10¢ Onions Yellow. Add flavor to your favorite roast. 3 lb. 25¢

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Fancy Whole. Finest Grade Available. U.S.D.A. Grade A Inspected. Full-Meated, Tender and (Manor House or Regular 29¢)

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) Your Choice

Chicken Livers 8-oz. Pkg. Fryer Breasts or Pulley Bones-Lb. 594

Canned Picnic Armour Star. 3 Con \$1.69

Grade A Large Eggs . 2 Doz. 85c Cream O Crop AA Eggs . . 47c 1-Lb. Melrose Crackers . . . 19c 1-Lb. Busy Baker

Graham Crackers . . 3 For \$1.00

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[New at Sofeway]

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Tomatoes Limit 4

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25¢

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Green Peas or Whole Cut Corn. 2 lb. 494

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