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NEW AMQ GOES TO NASA FOR TRACKING NETWORK

The first unit of a new, specially-designed AMQ -- Analog Multiplexer Quantizer-- is ready for delivery to NASA Goddard Space Flight Center, Greenbelt, Md. This new EMR unit is the first of 19 ordered by NASA for use at NASA's manned space flight network of tracking stations around the world. The units are expected to see service during future Apollo lunar missions and other programs such as Skylab.

"We're really pleased with the men and women in Production who worked on this one," said Production Manager Jack E. Clark. "They put forth their best effort to get the AMQ finished on time on a very tight schedule." Additional units are to be delivered over the next four months.



Shown here as the first AMQ unit went through Test are: Wayne Norman of Test (seated); Carroll G. Dudley, of NASA-Goddard; Project Engineer Ned Buck, of Telemetry Products Engineering, and Paul Milo, of Test Engineering.

SCHLUMBERGER EXECUTIVES FROM EUROPE VISIT EMR-T

Recent visitors to EMR-Telemetry from Schlumberger European companies included Mr. R. H. Nicholson, Executive Director of Solartron, England, and Mr. K. E. Tingley, Manager of Schlumberger's European Marketing Division, based in Paris.



Peter M. Smith and General Manager L. G. Chappell greet Mr. R. H. Nicholson and Mr. K. E. Tingley in Sarasota.

During their two-day visit, the Schlumberger executives toured the plant and participated in discussions concerning business opportunities of mutual interest, and sales coordination between EMR-T and Europe. EMR products and systems are sold to every major European country through our sister Schlumberger companies.

READY FOR CHRISTMAS

Some 60 smart employees who joined the Credit Union's Christmas Club last year will be able to pick up their checks for Christmas shopping money on December 2 at the Credit Union Office. Credit Union Christmas Club savings are supplemented by 3% interest... Now's the time to sign up for next year's Christmas Club plan.

NAVY AWARD TO EMR-T

A certificate of appreciation from the U. S. Navy was presented to EMR-T this month, citing EMR for patriotism and interest in national defense. The award cited company employment practices which are conducive to training readiness of Naval Reservists.

Reservists employed by EMR are permitted to perform annual training duty without personal financial loss or prejudice to their employment. The company reimburses the difference between the reservists' military pay and their straight-time earnings, as defined in Policy 3. 26C.

Commander S. Abstetar, Commanding Officer of the St. Petersburg and Bradenton Naval Reserve Training Centers, presented the award to General Manager L. G. Chappell, on behalf of the Commandant of the Sixth Naval District. The award was the first of its kind to be presented to a company in the Tampa Bay area.

EMR employee/reservists who participated in the award ceremony were: Commander J. W. Gregory, of the Sarasota/Bradenton Naval Reserve unit; Lt. J. R. Volpe, of the St. Petersburg unit; and Communication Technician Chief W. S. Fusselle, of the Tampa Naval Security Group. EMR reservists in all branches of the military service are eligible under the same employee benefit policy for Reserve Duty.



General Manager L. G. Chappell accepts Navy award from Commander S. Abstetar, as Bill Gregory, Jay Volpe, and Stan Fusselle look on.

FLU SHOTS ON DEC. 4

Flu shots for EMR-T employees will be administered on December 4, according to EMR-T Nurse Mary Jo Meyers. The flu immunization program has been arranged with the cooperation of Dr. David L. Crane, Sarasota County Health Officer, with EMR-T buying the vaccine.

Flu shots are available to all employees without charge, and Supervisors will provide a time schedule for the shots on Dec. 4.

EMPLOYEES INCREASE UNITED APPEAL GIFTS

EMR-T's United Appeal Campaign results this year showed an increase in the percentage of employee participation, and increased average individual contributions, while the total dollar amount reached in the campaign decreased slightly due to a lower number of employees.

"EMR-T's company contribution remained at last year's level, although employees' total dollar contribution decreased about \$750," said Jim Appledorn, Chairman of the United Appeal drive. "This was entirely due to a lower population figure," Jim explained, "because individual contributions by employees went up--averaging \$19.86 per participating employee, compared to an average of \$17.41 last year." The total contribution from employees and company was \$7,619.78.

"Special credit should go to the Campaign Solicitors for their part in the drive," Jim noted. Solicitors included R. A. Bechtold, L. W. Brinton, D. Colin, J. W. Gibson, J. W. Gregory, G. G. Keegan, P. Milo, S. K. Morgan, C. Papastrat, D. N. Parker, W. M. Thompson, and R. Van Tassel.

PULSE - The EMR-Telemetry News
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SURFACE EFFECT SHIP CONTRACT AWARDED BY BELL AEROSPACE

EMR-Telemetry has been awarded a contract by the New Orleans Operations of the Bell Aerospace Division of Textron to provide a data acquisition test console (DAS-1) for a 100-ton Surface Effect Ship test craft capable of speeds of 80 knots, or 92 miles per hour.

Bell is one of two companies which are building Surface Effect Ship (SES) test craft under contracts with the U. S. Joint Surface Effect Ships Program Office. JSESPO is an agency of the Navy Department and Maritime Administration of the Department of Commerce, with responsibility for development of a new family of high-speed ocean-going vessels.

Bell's highly-instrumented test craft is expected to be a forerunner in the development of large Surface Effect Ships in the future. The test craft program is part of a long-range effort to determine the feasibility of building and operating high-speed SES craft of 4,000 to 5,000 tons with speeds of 80 knots or more.

Surface Effect Ships ride on a bubble of air. Lift fans force air down beneath the craft's hull where it is captured and contained by catamaran-like side hulls and bow and stern seals of flexible rubberized material. The buoyant air bubble helps achieve minimal draft displacement, reducing the surface friction (or drag) for a major portion of the hull. The all-aluminum hull of Bell's proposed test craft, for example, would at times be only a few inches below the water surface.

The test craft measures 77 feet, 8-1/2 inches in length and 33 feet in width, and is designed for speeds in excess of 80 knots, or approximately 92 mph. The cabin provides operating space for a crew of four, plus accommodations for six observers, and houses the craft's navigation, communications control and test-monitoring equipment.



Bell Aerospace Division's Surface Effect Ship test craft.

Fabrication of the hull structure of the 100-ton SES test craft is being performed by the Livingston Shipbuilding Company, of Orange, Texas, with outfitting and test operations conducted by Bell Aerospace New Orleans Operations at the Michoud Assembly Facility. A test and evaluation program is scheduled for Lake Pontchartrain and the Gulf of Mexico.

EMR-Telemetry's Data Acquisition System will be used in testing the performance of the new SES test craft. As the vessel undergoes test runs, EMR's system will perform data handling tasks -- acquisition, monitoring, storage and display -- for test parameters such as vibration, temperature and pressure.

EMR equipment involved includes our Model 300 series FM multiplex modules, Model 371 PCM Multiplexer Encoder, signal conditioning networks and special monitoring and display electronics. The EMR instrumentation and quick-look equipment will be mounted in an EMR-designed test console located in the aft portion of the cabin.



HAPPY THANKSGIVING!



DECEMBER 19 IS EMR DAY OF CHRISTMAS FESTIVITIES

Saturday, December 19, is the day for EMR-T's gala Christmas Dance and the annual Children's Christmas Party. Arrangements are now in full swing, with Frank and Betty Bost as Chairmen for the Dance, and Dave Middleton as Chairman for the Children's Party.

A new feature this year is a Breakfast Buffet at the Sarasota Motor Hotel following the Dance. Here's an outline of plans for the big EMR Day of Christmas festivities:

Christmas Dance - Saturday, Dec. 19, Sarasota Motor Hotel, 9 p. m. - 1 a. m., Music by Tony Swain's Combo. Free admission to all EMR-T employees and their spouses or dates. Breakfast Buffet: 12:30-2 a. m., \$2 per person, paid in advance (minimum, 125 persons). Reservations accepted Nov. 30-Dec. 11, by Cheryl Brown. Capacity is 600 persons. Guest reservations may be made at the same time as EMR employee reservations, but will be filled only after all EMR employee ticket requests are accommodated.

Children's Christmas Party - Saturday, Dec. 19, Plaza Theater, Azar Shopping Center, 9-11 a. m. Free to children (ages 1-12 years) of EMR-T employees. Movies, popcorn, soft drinks and a gift from Santa for all the youngsters. Reservations accepted: Nov. 30-Dec. 11, by Cheryl Brown. Tickets are free, but Santa needs to know the age and sex of each child so that he can have the appropriate gift ready.

EMR Employee Association officers currently working on these parties and other Employee Association activities are: Chairman, J. E. Rexrode; Treasurer, F. H. Guinn; Member-at-Large, A. G. Orr; Athletics, S. K. Morgan; Social Events, J. E. McQueen; Publicity, H. C. Gordon; Christmas Dance, J. F. Bost; Children's Party, D. G. Middleton; Company Liaison, W. M. Thompson.

COOL POOL PLAYER

Delpha Loar, of Plant Engineering and Maintenance, shoots a cool game of pool and has the trophy to prove it. Delpha and her partner won first place in the Bee Ridge "His and Her" Pool Tourney recently, playing eight-ball. The mixed doubles tourney ran for six weeks with ten couples participating. Delpha, who modestly admits to being a "pretty good" player, has been shooting pool for about ten years. Her partner in the tourney was Larry Spencer, husband of Donna Spencer, of Procurement.

LOOKING FOR HELP

Want to play an active role in managing a \$300,000 business? If so, call Judy Amuso, Ext. 345, before December 4. Members of the Nominating Committee of the EMR Sarasota Employees Credit Union are gathering names of employees for possible nomination to responsible positions in the Credit Union for the forthcoming year. They are seeking the best candidates for openings on the Credit Committee, Supervisory Committee, Board of Directors, and other committees. Capable, interested employees are needed -- either with or without Credit Union experience.

ANNIVERSARY GREETINGS

Anniversaries of employment with the company are being observed this month by 40 of our colleagues. Starting this month, our listing shows those of our colleagues who are marking major service anniversaries -- that is, 5, 10, 15, 20 years -- during the current month.

1965 - Frank Bloechl, Buck Cable, Walt Giblin, Manuel Hernandez, Walter Reed, Rick Schneider, John Thornton, Ken Triplett, Ted York

1960 - Mary Bergeron, Harry Wendt