Malabar is located seven miles southwest of the Melbourne-Eau Gallie airport. This is a Radiation facility dedicated to the operational evaluation of various active and passive countermeasure devices. This facility of the RF Division (more commonly known as "The Country Club," is situated on an ex-Navy airfield at the intersection of two 9000 foot runways. Plant 6 houses all the communications, data handling, radar, recording, and data reduction equipment necessary to fulfill all contractual obligations.

When the 640 acre Malabar test site began operation in June of 1955 and is presently manned by a staff of four engineers, five technicians, a maintenance mechanic and an engineering assistant. Immediate supervisor of Plant 6 is Dick Baker, Assistant Project Engineer, recently moved from the antenna development unit of the RF Division.

Chaff Evaluation Tests

"Chaff"—that's a good word! Santa Claus calls it tinsel, but since Christmas is over for awhile we'll say that it is a material that just looks like tinsel. When this carefully measured and composed chaff is dropped from an aircraft it floats out in a cloud which will create havoc on a radar set.

Chaff evaluation tests are conducted periodically at the request of the Air Force contracting officer interested in testing a particular product presented to him by a manufacturer. In order to determine the properties of a new chaff, it must be compared to a similar chaff standard of known characteristics. This is done by dispensing quantities of the test and standard chaff samples from the test aircraft (either military aircraft or our Radiation Aero-Commander) and recording the signal strength of the reflected radar signal returned by the individual chaff clouds. Final analysis of
Trustee Reports
On Trust Fund

By GEORGE E. HEDMAN

Your Trust Fund earned the total of $12,206.64 for the 3 months ended November 28, 1958. Now this was dollars actually earned.

Each week brings us closer to a realization of greater gains because it now looks like an assured fact that Food Fair will go ahead with their shopping center in Eau Gallie. Our frontage is directly across the street.

When we bought the lots and Babcock St. frontage in Annie Laurie Gardens, we replatted this property from 50' lots to 80' and better, which made some very desirable homesites. We also dedicated 30' from our frontage so as to allow for 4 laning of Babcock St. which will eventually take place.

We recently formed a corporation to handle our realty purchases for development. Since we operate as a Trust and the Trustee is liable for income tax on a personal rate basis, the corporation would pay the tax and the Trust would receive the dividends. This safeguards the payment of exorbitant taxes.

We expect to transfer our Lake Irma Shores property to this new corporation.

Getting back to earnings, etc., my report for the 1st quarter will show that by earnings and appreciation, the unit value has increased 22¢. A simple way to illustrate would be, if you owned 250 units 8/31/58, they were then worth $1155.00 and are now worth $1210.00, a gain of $55.00.

A gain of 4.75% in 3 months time, that’s pretty good. It’s nice to be in a rising market. The forecast for 1959 looks rather bullish.

Malabar

(Continued from page 1)

this signal strength data is accomplished by the data reduction department. A report covering the results is then submitted to the customer for his evaluation.

Other tests are conducted on various chaff dispensing methods and other forms of passive countermeasure devices, depending on customer requirements.

Maintenance and Engineering

Ten independent radar sets are combined to provide maximum coverage of the radar frequency spectrum. The antennas for these various radar sets may sometimes be slaved to a single master unit to permit the simultaneous collection of data from more than one radar system.

Each radar set located at the Malabar test site was designed for tactical military operation, thus explaining the need for modification to offer a laboratory type of test facility.

The duties of installing, maintaining, modifying and instrumentation of the equipment is the responsibility of Engineers John Gilbert, Carl Smith and Bill Taylor. Engineering Assistant Kathleen Quick and Technicians Chuck Cole, George Hennessy, Howard Pease, Earl Runge and Bob Schreiner provide capable technical assistance. They also perform the prescribed data collection duties during all of the chaff evaluation tests conducted at the site.

The maintenance of the building and grounds is in the very capable hands of W. G. Hicks.

Future Plans

Plans are presently being made to increase the contract potential of the Malabar chaff test annex as well as improve the overall appearance of the facility.

Malabar

(Continued from page 1)
HAWAIIAN "BIG DISH"

The RF Systems Unit has recently completed installation of a "Big Dish" or automatic telemetry tracking antenna in the Territory of Hawaii.

The 60 foot diameter antenna is located on the Island of Oahu at Kaena Point, about fifty miles from Honolulu. Construction was begun in September 1958, and was accomplished in a period of about six weeks.

Six Radiation employees were responsible for the construction, aided by four steel workers. All of the material for the antenna was flown to Hawaii from the United States by C-124 aircraft.

The group responsible for the installation, the RF Systems Unit, is headed by Robert L. Clarke, Project Engineer. Engineer Dean McAfee was crew chief and the remainder of this traveling group was composed of engineers Jack Tomlinson, Gene Slocum, Dean Rich, and technicians Joe Young, Neil Newberry and Joe "Pepin. Also, engineers Win Sawyer and Gene Whicker were present during part of the installation.

Technician Joe Young has just returned to the site in Hawaii after spending Christmas at home, and will remain for completion of the testing of the antenna and as consultant on the site until July. In July the installation will be turned over to Philco, the contractor.

The antenna in Hawaii will be used to track satellites and missiles launched from Vandenberg Air Force Base in California and is a part of the Pacific missile system.

Cheers to the RF Systems Unit—they have done a good job in Hawaii.

D. LAMAR PACE?

D. Lamar Pace, Space and Personnel Coordinator for the RF Division is responsible for personnel actions, planning social functions, and solving space problems.

Lamar, 30, was born in Hollywood, Florida but calls Mississippi his home. He received his BS from Mississippi State University following six years of service with the U.S. Navy. During his Navy career Lamar spent four years on the U.S.S. Willard Keith DD 775 after serving as an instructor at Annapolis for two years. His Navy travels took him to every continent. Although he didn't make it in "80 Days," he has traveled "around the world" with the Navy.

Lamar and his wife Ray live in Bower Gardens in Eau Gallie. His interests outside of work are science fiction, skin diving, golf and bridge. He also keeps active in the Shriner's, Masonic Lodge, and the First Christian Church.

MAC ROSSO?

Since joining Radiation, Inc. in September 1957, Mac Rosso, Quality Control Supervisor has been instrumental in establishing many procedures and controls in Quality Control. Located at Instrumentation, he is at present maintaining close quality inspection on the Radar Antenna Test Set and Coordinate Converter Electronics Test Set.

Mac, who holds a commission in the USAF Reserve, served with the USAF from 1939 to 1946 and 1949 to 1950. From 1950 to 1957 he worked at an Air Force installation on electronic computers, polar converters, tail turret electronics systems, aircraft firing control and GCA instrumentation equipment.

Mac and his wife Wilma are the parents of three sons—11 year old twins and a 17 year-old Air Force man. They are always planning or working on an improvement for their home in Maitland—the most recent is a new swimming pool.

Vince Meder of Production Division, Orlando, was the recipient of many lovely baby gifts recently when the Production Division gave him a surprise stork shower.
"Twas A Wonderful Holiday Season!

An Anonymous Ode

by ANONYMOUS J. WILSON

Tomorrow's today—the New Year is here. How many things have been put off—how many times have we said, "Let's wait 'til the first of the year?"

Well, the first of the year is several days past. Do we now set our sights on August last?

"Decisions, decisions," you say to your wife. "The work I am doing will shorten my life."

We work on proposals the live-long day; When can I work to earn my pay?

"Tomorrow—tomorrow," you say to yourself, "I'll get to the stuff I have on the shelf."

Contracts, proposals and customer service Would make the stone Sphinx exceedingly nervous.

I wish I could do it, but have no time The projects we have are nearing deadline! !

This is all true with never a doubt The growth of our company brings it about.

So, get to the things there in the file Read them and speed them and finish the pile.

Then, continue your efforts, give it your best And many a contract will roost in the nest.

The point of the rhyme (if one is clear)— Tomorrow's Today—the New Year is here!
January, 1959

RADIATION INK

RF Division New Year’s Party—A Festive Affair

By Pat Diaz

A rollicking evening was had at the gala RF Division New Year’s Eve party at the Belcelona Hotel. Balloons, crepe paper streamers, and confetti adorned the ballroom with noise makers and hats provided for all. Approximately 250 Radiation employees and their guests filled the ballroom.

Dance music for the evening was furnished by the “Ambassadors of Note.” The festivity began by everyone participating in a broom dance started by Kay and Lamar Pace and Alene Clark and Jack Johnson. More dancing followed with the lovely Barbara Walden, looking like Santa’s helper in her red and white costume, presenting a dance number for the group.

Later everyone was entertained by the clever harmonizing voices of “The Missile-Aires” with our own Stan Harris of the Publications Department singing lead along with tenor Wilt Bushong, baritone Al Cave, and bass Bob Jobes. Stan surprised the party-goers with a special treat when he presented another barber-shop quartet from Orlando—four beautiful gals who call themselves “The Southern Sweethearts.” Stan is quite proud of these girls. The Southern Sweethearts were Nina Young, Nan Young, Jackque Crowley and Betty Ann Viehman.

D. D. Rhem parted with his roving eye camera for a few minutes to lead a rousing dance called “Paul Jones” which ended up in mass confusion but was lots of fun for all.

John Downs then took the mike to thank those who made the party possible—some of this group—Lamar Pace, Dick Six, Louis Pace, Ted Woodward, Ed Austin, Pat Pruitt, and Kris Kennedy. Recognition and congratulations on a job well done was given by John Downs to all employees who had worked so hard on projects 1164 and 1162.

At midnight the band struck up “Auld Lang Syne,” noise makers blared, and two large clusters of ballons fell from the ceiling with all hands reaching for the three that contained the lucky prize numbers. The lucky ones were Marge Coker, Pat Diaz and an unknown guest. Laughter rang out when Marge was presented with the door prize—a large door with a big red ribbon tied to it. Pat’s prize—a wish for a “pot of gold” and in case she didn’t get the gold, at least she had the pot. The third prize was a rubber baby doll to help ring in the New Year. Each winner received a bottle of spirits for the new year.

At 1:30 the weary party-goers gathered for breakfast of scrambled eggs, bacon, toast and coffee.

Engineer’s Puzzler

By Jack Tomlinson

Now that the Christmas rush and the holiday parties have passed so that there is time to relax, why not sit back in that favorite easy chair and try this one. It is quite tough,—so good luck!

Cutting a Rug

A woman has a rug that is 9 ft by 12 ft. She wishes to cut it so that it will fit a room that is 10 ft by 10 ft. She cuts the rug into three pieces, two of which exactly form the 10 ft by 10 ft rug when fitted together. The third piece is discarded. How does she do it?

Send your answers to Jack Tomlinson, Melbourne.

Answer to Last Month’s Puzzler:

Several persons took time out from the holiday festivities to work last month’s puzzler. Here are the names of those who sent in answers: Al Schafer, Al Lutz, Arlene Mates, Jim Walter, Scott Grant, Frank O’Kelley, Dr. Manfred Mannheimer, W. E. Ploeger, Arthur Frykland, G. A. Herbert, J. C. Hertisch, Eleanor Heator, Darryl Davis, Marty Dyer, Robert A. Franklin in Albuquerque and Angeliki Cutchis from John Hopkins University in Silver Spring, Maryland.

Notice

We are anxious to include news and photos from our people in the field—so you folks in New Mexico, California, Hawaii, “Down-Range,” etc., get busy and send us some copy and pictures.

the Editors
Over the Back Fence

BY MARCIA HOSKINS

Well, Old Man Time has completed his exit and Baby 1959 is getting older day by day. Thinking back on the memories of 1958, I'm sure we all look forward to the happy days in 1959.

The Markhams (James and Wanda) had a merry Christmas — with Karla Joni who was born on December 15.

Another new arrival belonging to a gal we all remember in Purchasing, Gladys Beatty, brought glad tidings the same day as the Markhams'. Gladys presented Robert Eugene, Jr.

Santa Claus left word for Shirley Curtis and her husband to pick up their brand new 25' Chris Craft Cabin Cruiser.

The Christmas Holidays brought many parties. The Contracts Christmas party, Trailer Haven Recreation Hall, was a huge success, including the singing by the three adorable daughters of Mr. and Mrs. Ruth French who works at Plant 6. Moreen, 14, Patricia, 10, and Louisa, 9 were wonderful. Also, talented Barbara Walden did an outstanding dance routine.

Lots of Radiation employees had gala Christmas Vacations, visiting other states and places. One gal who really was lucky (I might add that this same girl pulled her own name out of the grab bag to win a free trip to Nassau) is Alene Clark. Alene had reservations on Eastern to fly home to Tennessee, but of course, everyone had to cancel their trip or go by some other means. But — lucky Alene caught a free ride in an Aero Commander. Marge Clark and her husband flew up to Marge's home-town of Hamlet, N. C. for Christmas vacation. Gen. Kepner was in Nassau during the vacation period. What fun!

Ann Johnson of plant No. 4 tells me that they celebrate the birthdays of Orlando employees with a beautiful cake and all the trimmings. A few December celebratees were: George Haten, Bob Pease, Deloris Snyder, Si Dolive, Margaret Wolf and Margaret Green. Robbie Markham and Arlene Farris are the birthday folks for January.

Mrs. Art Trubey (Alma), just home from the hospital, is recovering just fine. Son, Dennis, has a scholarship to FSU in the Fall.

Looks like we're due for more proud parents in the future. Mary Newman and Martha Pieser are looking quite smart in 'Lady in Waiting' smocks.

A word about Orlando Radiation Wives — it gives the wives a chance to meet, talk with each other and see new people. A social meeting is held each month, and the entertainment is fashion shows, lectures, etc. If any of you wives are interested, give Betty Rathel a call.

Exciting news! Miss Marion DuPre and Dewey Cook have announced their engagement. An April wedding is planned.

Another engagement, is that of Marlowe Eitel (Sonny) to Lee Cressman.

CUTIE OF THE MONTH: Barbara Walden of "80 Acres", Melbourne