

# SANDIA BULLETIN

Vol. IV, No. 22

SANDIA CORPORATION, ALBUQUERQUE, NEW MEXICO

OCTOBER 24, 1952

## Corporation Red Feather Contribution Passes \$32,500 Mark, Wallis Reports

Total contributions of Sandia Corporation and its employees to the Albuquerque Community Chest passed the \$32,500 mark this week. Approximately \$28,000 of the amount was contributed by employees and the balance was made up of a \$4200 corporate gift from Sandia Corporation, \$300 contributed by the Anderson-Dunham Company and \$200 contributed by the Coronado Club.

Community Chest Committee chairman H. J. Wallis reported that less than 200 employees are still to be contacted and that a final report will be rendered to the Albuquerque Community Chest within a few days. Mr. Wallis expressed his personal appreciation and the thanks of the entire Community Chest Committee for the splendid response of employees during the solicitation. He added that personal letters of thanks are being sent to solicitors and others who participated in the intensive campaign.

Mr. Wallis said that he has sent Penny Singleton a transcript of the rally meeting she addressed on October 6, just before the drive opened. Miss Singleton's visit was arranged by RKO Radio Pictures at no cost to the Community Chest and her appearance here did much to inspire the solicitation team.

## Million Dollar Building Planned

Bids for an addition to a technical building now under construction are presently being taken by the AEC, it was announced recently. The cost of the addition has been estimated at from \$900,000 to \$1,000,000 by Max Flatow of Albuquerque, the architect-engineer.

Construction will start near the end of this year and the building is scheduled to be completed in the late summer or early fall of next year. Bids are scheduled to be opened at 2 p. m., MST, on November 14 in Room 100, Building 800, AEC.

The addition will be a single-story, reinforced concrete and masonry structure 200 by 400 feet with a gross area of 80,000 square feet. It will adjoin the technical building now in process of construction. Included in the project will be street paving, utility extensions, heating, lighting and ventilation.

## Christmas Toy Drive Set For Needy Children

Want to dispose of your children's used or outgrown toys? The Sandia Base Character Guidance Council under direction of Col. W. L. Peterson will repair and distribute toy contributions among the needy this year at Christmas.

Sandia Base Boy Scouts will collect toys from base residents during the week of November 10-15, while off-base employees are asked to leave their toy donations at either base chapel as early as possible. Volunteers are needed to assist in toy repair and anyone interested in helping out on this project may contact Col. Peterson, ext. 6125, or Major F. I. Summers, ext. 6207.

## Hallowe'en Costume Ball To Top Week's Events At Coronado Club

With the night of ghosts and goblins only a week off, it's time to plan for the big Hallowe'en Costume Ball at the Coronado Club. Don Lesman and his orchestra will provide the rhythm for the evening. Costume prizes will be awarded and admission for members will be free. Guests will be charged 50 cents.

### Western Tunes

Tonight is square dance night and from 8:30 until 11:30 the Duke City Cowboys will swing out with a variety of rollicking western tunes. Meanwhile, from 6 to 10, accordionist Al Jordan will entertain in the Cocktail Lounge.

An informal juke box dance will be held at the Club tomorrow night with Maurice Karnowsky performing on the piano in the Cocktail Lounge.

14—Count 'Em—14 beauties will act as models at the Sunday night buffet-dance during the intermission Fashion Show to be staged by Hinkel's Hiland. The models, many of them Sandia employees, will show off sport clothes, afternoon, cocktail and evening dresses, plus fall suits and coats.

### Ramp Provided

The show will be conducted on a large ramp which will extend half the length of the ballroom. Charlie Beisel and his orchestra will play until 10 p.m. The Buffet will be served from 5 to 7, the Fashion Show will be from 7 to 8 and the dance from 8 to 10. All for \$2 per

## Talent Needed For Southwest Folk Festival

A talent hunt is being conducted here at Sandia as well as other places for people who are qualified to participate in the first annual Southwest Folk Festival which will be held at the Albuquerque Ice Arena on November 18, 19, and 20.

The program will include all types of folk songs, dances, legends, customs, rhymes, arts and crafts. New Mexican folk legacies will be featured as well as folk traditions from Colorado, Arizona, Utah, Oklahoma, and Texas.

Sandians who turn out for the festival events are also asked to get in touch with Hal Hale, 1911, of the Coronado Club entertainment committee. Hal is interested in folk-type entertainment for the Club. Those who would like more information or would like to participate may phone Alb. 7-8169.

## Canines Imported From England Live In Real Dog Heaven

"Maggie" and "Christine" lead a dog's life at the home of Stella Goodrich, 204 Washington St., NE. So do "Mr. Poker" and "Mr. Chips," two of the pups in Stella's miniature longhair dachshund kennel which she maintains while working at her job with Sandia Corporation.

The breed in which Stella is specializing is an English import and she has the only kennel of its kind in the Southwest. Stella learned of the miniatures in her search several years ago for a standard dachshund male she wanted for breeding. Her



"WHAT'S GOING ON HERE?"

Maggie may be thinking as she watches Christine perform for a biscuit from the hand of Stella Goodrich, operator of the Tekelhaven Kennel of miniature longhair dachshunds.

correspondence with a kennel manager in England led to the importation of "Griselda of Grace Church" who was bred abroad, then flown to the United States and to Albuquerque where her pups started the Goodrich line "Tekelhaven."

Stella, who works in 5242, combines a hobby and business in her love for dogs. She is assisted in the work by her daughter, Dorothy, who was graduated last spring from Stephens College in Missouri and who plans to wed this fall. After Dorothy is established in her new home, she may take over the kennel for her mother, although Stella will keep an active interest in the breeding and placing of the miniatures.

"Tekelhaven Marguerite," as "Maggie" is known socially, is championship material and has appeared frequently in shows. Last month Stella took her to Colorado Springs for the kennel club show where she placed in championship class.

"Tekelhaven" means dog heaven and that is what the Goodrich's puppies are in at the Washington Street place because their mistresses see to it that their championship material receives the best of care and affection.

## Sandian Re-elected Traffic Club Head

Re-elected to head the Albuquerque Traffic Club for the ensuing year recently was Ted Jorgensen, 2341, who will serve a second term along with J. R. Spence, also 2341, re-elected to the post of secretary-treasurer.

The Traffic Club members represent shippers and receivers and endeavor to promote better understanding of shipping procedures and rates. They meet twice monthly on the first and third Tuesdays, their second session being a "traffic school." Other Sandians who are members of the club include L. W. Gustafson, J. H. Hann and Charles J. Uribarri.

## Machen Appointed Military Liaison Services Director

Arthur B. Machen has been appointed Director of Military Liaison Services, 1700. The expansion of the former military liaison department to a superintendency was necessi-



Arthur B. Machen

tated by the increased scope and responsibility of the organization, and the initiation of a field engineering group.

Art Machen, who has headed the Military Liaison Department for several years, has a full background of experience with the atomic energy program. He started work at Los Alamos in 1944, and he was a member of the test team, which prepared the nuclear device that was exploded July 16, 1945, near Alamogordo, New Mexico. Later, he performed the same function in preparing the bombs that were dropped on Hiroshima and Nagasaki.

Following the war, when the Atomic Energy Commission took over the former Manhattan Engineer's Project, Art helped direct the work of the test teams involved in atomic weapon test programs at Eniwetok Atoll. In 1946 he joined the staff at Sandia.

Art is a native New Mexican. He was born at San Marcial, N.M., in 1912, the same year New Mexico became a state. He was raised in Las Cruces, where one of his classmates was the present Governor Ed Mechem.

Today, Art and his wife, who is a former member of the Corporation's secretarial staff, live in a home he built on their 25-acre ranch near Alameda, north of Albuquerque, west of the Rio Grande.

## Gibson Avenue To Be Finished In Several Weeks

The Wyoming access road to Sandia Base was scheduled for completion this week with the addition of a painted centerline south off Central Avenue.

Another state public roads project is the improvement of Gibson Avenue from the West Gate to Ridgecrest Drive, scheduled for completion several weeks from now. This new road will have a divider with a 6-inch curb running from the Base entrance to Ridgecrest Drive. It is planned to surface Gibson Avenue by "halves" and during construction the road will be open for traffic. The Louisiana Boulevard detours will be maintained to relieve traffic congestion.

Paving of the third access road to the Base, Eubank Drive, was completed a few weeks ago.



DONALD A. QUARLES, right, President of Sandia Corporation, proudly points out preliminary results of the company's Red Feather campaign to members of the Sandia Corporation Board of Directors, who were here from New York recently for a series of meetings. The Directors, in addition to Mr. Quarles, are (l. to r.): H. C. Beal, Vice President, Manufacturing, Western Electric Co.; George A. Lairdy, former President

of Sandia Corporation, now Vice President, Purchasing and Traffic, Western Electric Co.; T. E. Shea, Vice President and General Manager, Sandia Corporation; Walter L. Brown, Vice President and General Counsel, Western Electric Co.; M. J. Kelly, President, Bell Telephone Laboratories; Frederick R. Lack, Vice President, Radio Division, Western Electric Co.; and Stanley Bracken, President of the Western Electric Co.

# SANDIA BULLETIN

Friday, October 24, 1952

Published for the employees of Sandia Corporation, Albuquerque, New Mexico

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Photography by Photographic and Reproduction Division

The Sandia Bulletin is published every other Friday. Contributions should be mailed to The Bulletin, Employees Service Office, Building T-301. All contributions should be in The Bulletin office by noon Friday one week in advance of publication date.

Telephone Ext. 25253



## It's Your Vote Which Counts

Why did only one out of every two people of voting age in the United States go to the polls in the 1948 general election? Ask that question of the man who did not vote and you will probably get a question in return.

"Okay, what difference will my vote make?" he will ask.

A humble farmer in DeKalb County, Indiana, is said to be the man who brought Texas into United States—by just one vote. Here's the story. The farmer was undecided whether to go to the polls or take his corn to the mill. Civic duty won and he cast his vote, voting the Democratic ticket. By one vote his district elected a Democratic member to the Indiana legislature. The legislature by a one-vote margin elected Edward A. Hannegan to the U. S. Senate. He became president pro-tem of the Senate when the vote for the annexation of Texas was taken. On the floor the vote ended in a tie and Senator Hannegan cast the decisive vote.

It wasn't a one-time freak happening either. California, Idaho, Oregon and Washington were made states by just one vote.

U. S. President Andrew Johnson would have been removed but for just one vote. Impeachment proceedings against him failed to gain the two-third majority—by just one vote.

Thomas Jefferson and Rutherford B. Hayes were elected presidents of United States by just one electoral vote.

The Draft Act of World War II was put up for test just before Pearl Harbor and was retained by just one vote.

Your one vote is as powerful as any vote in the country. On election day the President's vote is no more powerful than yours. Your one vote is your bulwark against Communism and slavery.

Use your power to vote: Be sure you are registered, keep yourself fully informed and on November 4 go to the polls.

Robert Creveling, 5414, and his wife recently returned from San Luis Potosi, Mexico, after spending two weeks with Mrs. Creveling's relatives because of illness in the family. Robert reports the lack of inflation down there: hair cuts or a taxi ride—29c, or a fine steak dinner for 87c.

Tex Arterburn, 2125-1, is strutting around proudly. He went hunting last week near Alamogordo and by noon had his allotted antelope.

Howard Reese, 2131-2, and his wife spent a recent week end with their son, Fred, who is attending Roswell Military Institute.

Congratulations to Bill Nanney, 2334, and his wife on the birth of a son, Richard Christopher, who arrived October 15 weighing 8 pounds 13 ounces.

Roderick was the name chosen by James Courtin, 2125, and his wife Jeanne, formerly of 3153, for their son born October 15. Congratulations!

5131 scoop: Tim Preston is moving into his new home in Hoffmantown, 9031 Los Arboles Ave., NE; Bill Boyes vacationed in Colorado Springs and Ruidoso.

Congratulations to Bob Morrow, 2131-1, and his wife on the arrival October 9 of Gail Emily who weighed 7 pounds, 4 ounces.

Two proud sets of parents in 2533 are Marty and Jere Eckert whose baby, Christopher Charles, arrived October 8, weighing 7 pounds, 1 ounce, and Bill and Betty Thomas who welcomed a new daughter October 6, Debra Ann, weight 5 pounds, 15 ounces.



HONOREE AT A RECENT bridal shower in the Coronado Club was Bertha Vencill, 4152-1, who was married last month to Frank Vencill of Albuquerque. Watching as Bertha opened her gift were, standing, L to R, Connie Weber, 4220 (4133), Pat Stack, 4135, Ann McIntyre, 4152, Jane Kimmell, 4152, and seated, Christine Bollentino, 4152, and Bobbie Hickman, 4135. Others in attendance from 4135 and 4152 were Pauline Prather, Bernice Armour, Hertha Forbes, Helen Melancon, Helen Gaither, Ruth Straley, Gloria Turner, Dorothy Bair, Marty Lambert, Corrine Bowlin, Maxine Norfleet, Charlie Goltermann, Mildred Barker, Dorcas Crosby, Irma Buffett, Carrie Vick, Bernice Andrews, Melba Griego, Lorayne Collins and Georgia Howard.

Homer Baldwin, 3152-1, and his wife, Ilva R. Baldwin, 4222-4, enjoyed a recent trip to the north rim of the Grand Canyon by way of the Kaibab Forest. They also visited Zion National Park and Las Vegas, Nev., and Victorville and Los Angeles, Calif., where they were guests of relatives. Homer spent a lot of his vacation time on the golf course at Apple Valley Lodge in California.

Winifred Fellows, 3152-3, and husband, Milt Fellows, 3151, took an extensive vacation this fall when they toured the South and visited relatives and friends in Louisiana and Texas. Between the two of them they caught 50 pounds of red snapper on a deep-sea fishing trip. Another highlight of the vacation was an afternoon at the Texas-Notre Dame football game at Austin.

Visitors in Albuquerque recently were Glenna Allen's, 3152, parents from Baltimore, Md., and Mildred High's, 3154, parents from Carlsbad.

Joe Maestas, 2324, and his wife took a vacation to California late last month, where they visited relatives and enjoyed an ocean excursion in the Pacific.

Recently on recruiting trips were Nicholas Vytlaclil, 3151, who went to Washington and Brian Finley, 3151, the Alabama Polytechnic Institute in Auburn.

When Vern Henning, 3152-2, and Fred Stewart, 2471, went bear hunting near Canjilon, N.M., recently, they saw tracks but had no luck in bagging the bruins.

John Logan, 4151, and Ken Seaver, 4152, are sporting new automobiles. John has a red Ford and Ken a two-tone green Bel-Air Chevrolet.

Burl Duncan, 4152, spent his recent vacation in Tennessee, while "Albuquerque" vacations were taken by Chris Bollentino, also 4152, and Harold Brint, 4151.

Jim Vickers, 4152, and his wife Phyllis are the happy parents of a new son, James Cramer, who was born October 12, weighing 7 pounds 12 ounces. Congratulations!

Ace Wilson, 2441, and his wife caught 300 pounds of fish on a two-day deep sea fishing jaunt in the Gulf of California near Punta Penasco in Old Mexico during their recent vacation. Really smitten with gulf fishing, they are making plans to return when it's time for the sail fish to come in.

Charlie Starr, 2441, and his family, former residents of Illinois, decided to get acquainted with New Mexico during their recent vacation and took a circle tour of sights in the southern part of the state. Included in the trip were visits to White Sands and Carlsbad.

When Ken Finders, 2443, and his family vacationed recently in Ohio, Ken found an old Civil War pistol to add to his growing gun collection.

Walter Hook, 2463, and his wife welcomed a newcomer to their family this month, a second daughter, who was named Colleen Beth. Congratulations!

Mike Montoya, 2471, returned from a week's vacation boasting of the new member of his family, Antoinette Montoya, who was born Sept. 29, weighing 7 pounds and 3 ounces. Antoinette measured 20½ inches. Congratulations!

C. T. Garringer, 2471, gave his daughter, Yvonne, in marriage October 11 in Albuquerque. Yvonne was married to Carol Daniel at the Highland Baptist Church.

Congratulations to the Ralph H. Hinrichs. Ralph, 1213, is the father of a new girl, Leslie Helen.

## AROUND THE DEPARTMENTS



MIXING A WITCH'S BREW of fun and frolic is our curvaceous Hallowe'en Queen Elsie Stapleton, AEC.

Enjoying a vacation to San Francisco by way of El Paso and Tucson is Barney Myer, 2440.

Mary Taylor, 2350, accompanied her husband on a recent vacation trip to Washington and Oregon, returning via California.

Fellow employees wish a speedy recovery to Carl W. Eden, 2235, and his wife who were injured October 11 in an automobile accident.

A whirlwind motor trip to Las Vegas, San Francisco and San Diego was made last week by Mary Helen Sharkey, 2230, and Ethel Abeyta, 2231.

Wesley Johnson, 2234, honored his parents with a farewell party last week. The senior Johnsons are moving to Anchorage, Alaska.

Reported recovering nicely from a recent operation is Florence Smythe, 2231.

When John Franklin, 2234, returned from a recent vacation to Missouri, he gave a good report on the excellent squirrel hunting and the good food of that state.

A recent business visitor to Colorado was Harold Kindschi, 2234.

2232 wishes a great big "good luck" to Robert Walker who entered the armed forces. More 2232 news includes these vacations: Frank Batchelor, two weeks at home in Albuquerque; Charles Ross, Carlsbad Caverns and the State Fair; William Burke, a visit to Mexico and duck hunting.

Allen Beck, 5142, was a lucky guesser and won a brand new wrist watch recently when he correctly called the weight of a pig displayed in a local market.

Congratulations to Fritz and Ricky Minuth on the birth of their son, Eric Gregory, October 7. The baby weighed 7 pounds 11 ounces. Proud papa works in 1524.

Wally Green, 1211, has returned to work after being hospitalized for three days. Wally suffered from shock received in an automobile accident.

Jack and Ruth Shoup took a vacation holiday recently to Cripple Creek and Colorado Springs, Colo. Jack is in 5413 and Ruth, 2461-2.

Fellow employees in 2334 wish a speedy recovery to the wife of Carlos Candelaria. She recently underwent surgery. 2334 last week welcomed back Joe Seiler after his 3-week illness in Veterans Hospital.

Recent transfers to 5430 are Lillian Sichler and Ray Sheppard.

Congratulations to John and Janet Hilton on the birth of a son, Courtland Mason. The baby weighed 7 pounds 6 ounces. John is in 5431.

W. H. Martin, 2421, appreciated the help offered his department in the preparation of cosmos entries in the State Fair Flower show. Several women residents of the base assisted the maintenance group in showing the blooms which were awarded second place ribbons.

Ralph Bruner, 2410, is all set for hunting trips this fall if he can win a few more items such as tent, bedroll and someone to tote him piggyback. Ralph recently won a Winchester rifle, then followed up with an air mattress at the last Game Protective Association meeting.

Mike Silva, 2421, and his wife are the proud parents of a son, Michael, born September 28. Congratulations!

Another Michael, weighing 9 pounds 6 ounces, joined the family of Billy Rogers, 2414, Sept. 29. Congratulations!

Friends of Evelyn McHugh, formerly of 3152, are wishing her a successful recovery from an extended illness. Evelyn is in Sandia Base Hospital.

3153 vacationers include Bernice Pearl who spent two weeks in Texas where she attended a family reunion at Menard and in Corrales, N.M., at her family home. Louise Major is vacationing in Los Angeles, and Olive Barwick took a week end trip to Arizona recently, visiting friends in Globe and Miami.

Attending an Army Infantry Instructors School in Georgia last week was Dean Irvin, 3152.



JOHN BANKER is shown explaining to Jack McDaniel and Carl Hildebrandt the formula for the final curve which will be placed on the mirror by their hand grinding. John and Carl are in Division 5214-3, and Jack recently entered military service.

Men at Salton Sea  
Who Are Classified as

# Star Gazers

Mean Business

When someone at Salton Sea Base remarks that he spent last night looking at the stars, it is possible that he means just that, for several men in Division 5214 are actively engaged in the hobby of building and using astronomical type telescopes.

They claim to be the "lowest" group of telescope makers in the world, by virtue of the fact that all reside and work below sea level. Several of the members are experienced telescope makers, having engaged in the hobby for 15 or more years. Others are newcomers who are now building their first scope.

The hobby is time-consuming. It may take from 100 to 300 spare time hours to build the average 6 or 8-inch mirror telescope.

However, as John Banker, 5214-3 points out, the completed scope will be as good or better than those customarily sold by commercial establishments for about \$500. John has built several scopes and is presently using an eight-inch Newtonian type. He also teaches a night class in astronomy and telescope making. The class is



PICTURED HERE are Gene Dirnberger, 5214-3, left, and Dewey Stout, 5214-1, right, engaged in hand polishing their 6-inch telescope mirrors. Both are in the process of completing their first telescopes.

sponsored by the California Adult Educational Program. Presently he is constructing a 12-inch telescope.

Kenneth Kemp, 5214-3, is another enthusiastic lensman who has built several telescopes during the past few years. He now is working on an 8-inch Coudé Cassegrainian telescope and has a completed 6-inch which he has used recently for observations of the Orion nebula.

Some recent converts to the hobby are Dewey Stout, 5214, Ralph Wilson, 5214, and Gene Dirnberger 5214-3, who are building their first scopes—6-inch jobs.

Most of the group consider it rank heresy to buy any of the parts for their scopes except the crude materials. They start with the rough glass mirrors, which are ground by hand, using a grinding tool and six grades of grinding compounds. When the grinding process is completed, after



A FLASH SHOT catches Kenneth Kemp using his telescope in an evening observation of the Orion Nebula. Scope pictured here has a 6-inch mirror and is of a Newtonian type. Kemp is in 5214 and located at Salton Sea Base.

some 30 hours of work, the fine polish is put on with jeweler's rouge, usually a matter of another 10 hours.

When this is completed the mirror is put through a series of optical tests and if found satisfactory is sent to a commercial company for coating. The average amateur tries to figure the mirror to within a one-eighth wave of Sodium-light, which without going into a complicated explanation means it is mighty accurate.

While waiting for the mirror's return, the mounting cells for the mirrors, the tube, prism and eye-piece mounts and the guide scopes are fabricated. When these are completed a mount for the whole scope must be made. It all takes a long time. However, if you ask any of the group they will tell you they have enjoyed every hour, and are in fact, talking of plans for a new and better scope to be made next year.

## Test Your Brain Power

A chance to perform some mental gymnastics is being provided by the Bulletin occasionally under the above heading. This time mathematicians will have the edge. The answer is on page four.

A man received a check for a certain amount and took it to a bank to be cashed. The bank clerk made a mistake and gave him dollars for cents and cents for dollars. The man took the money without counting it and spent 24 cents on the way home. Upon arrival at home he counted his money and found that he had twice as much money as he thought he should have. What was the amount of the check?

## Toastmistresses' Council Schedules Joint Fall Meeting

The Turquoise Toastmistress club of Sandia Base will join Council No. 1 tomorrow in a joint fall meeting at the Hilton Hotel.

Registration will be at 10 a.m. with a business meeting to follow. Luncheon will be at the Hilton mezzanine at 1 p.m.

Turquoise members participating in the event will be Mrs. Henry Goldberg, topic mistress, Mrs. W. E. Caldes and Mrs. Nate Wineberg, speakers. Arrangements of the meeting have been in charge of Mrs. M. H. McMichael, vice chairman of Council No. 1, while programs and decorations were made by Mrs. J. J. Michnovicz, Mrs. R. R. Richards and Mrs. Gerald Morrisroe.

At the Oct. 29 meeting of the Turquoise Club, education will be the theme. Topic mistress will be Mrs. E. G. Miller, toastmistress, Mrs. McMichael, and speakers, Mrs. D. E. Fitchhorn, Mrs. Richards and Mrs. Morrisroe. Mrs. Dan McCarthy will act as narrator and Mrs. H. C. Biggs, lexicologist. Parliamentary drill will be by Mrs. Norma Osborne.

## Sympathy

Corporation employees wish to express their deepest regret for the death of Carl Sayers, 46, who died in his sleep of a coronary condition on October 15, 1952. Mr. Sayers had been chef at the Salton Sea San Felipe Lodge since September 1951. He was employed by the Fred B. Prophet Co.

Mr. Sayers is survived by his wife, two step-daughters and a step-son. Burial services were held last Friday from Brawley, Calif.

Corporation employees extend their sympathy to Warren Moore, 1530, whose daughter died October 2 in Albuquerque after an extended illness.

Sympathy is extended to Barney Jordan, 2520, whose father-in-law died October 13 in Albuquerque.

Department 2122-4 and Sandia Corporation extend sympathy to Evelyn Vinson who lost her mother recently.

Sympathy is extended to Evelyn Paneck, 2143, for the loss of her father who died October 7 in Chicago.

Sympathy is expressed for Dixon Turner whose wife died last week. Dixon works in 2232.

## Favorite Foods

This is another of a series of stories about Sandia cooks who enjoy the culinary art as a hobby and a pleasant pastime and are highly accomplished. With each article there is a favorite recipe for those gourmets who wish to try their hand in the kitchen.



THE GROUNDWORK for a fine tasting bar-b-q meal is laid here by Joe Benevitez, 2232, who enjoys this type of cooking from building the fireplace to serving up those tempting plates of steaming beef and sauce.

When Joe Benevitez cooks he'd rather serve a crowd than just a small group and when Joe says a "crowd" he means in the hundreds.

Before Joe came to Albuquerque two years ago, he worked for Consolidated Copper Corp. in Ely, Nev., and it was there that he served barbecued roast beef to 1200 persons one Labor Day. The employees and their families consumed three beefs that Joe and a co-worker cooked over a 10-foot long open pit.

Here is how they accomplished the culinary feat: Joe dug the pit about five feet deep and in it he placed the firewood which was lighted and allowed to burn until the sides of the pit were thoroughly heated. Then the top was covered with pieces of steel rod and mesh on which chunks of beef were placed to cook. Joe says that rather than roast the beef whole, he cut it into portions for easier serving. Into some of the roasts went a clove of garlic for those who savor the taste, and then all the roasts were wrapped individually in cheesecloth and placed over the pit.

Joe made two kettles of barbecue sauce for this celebration—one hot with chili pepper and the other mild. Included in the menu were salad, olives, and potato chips. "It sure was fun to see all those people eat and have a good time," Joe recalls. "When you have a big happy group like that, you don't get any complaints."

A little of this and some of that and maybe some of that "if you like it" is the way an experienced cook like Joe describes his recipes. Although he doesn't give the following ingredients in proportion, here is the base for Joe's famous barbecue sauce:

- Beef broth (to start)
- Chili pepper (to taste)
- Worcestershire sauce
- Small onion (to be removed)
- Salt and other seasoning as desired
- Flour (add later to thicken)
- Time: about 4 hours

Joe has a new home at 440 Vermont NE where he will build a brick patio and fireplace then add table and the accoutrements for serving friends his "specialties of the house." He has helped design

numerous outdoor fireplaces and pits.

With all this fine cookery at his fingertips, Joe has a surprising favorite food—potato salad. No special recipes for this one either, says Joe. "Just good old plain potato salad."

## Eckhart to Speak Before Radio Club

A talk on "Broadcast Audio" will be given by John C. Eckhart, 5221, W5CTG, at a meeting of the Sandia Base Radio Club on Monday, 8 p.m., Building T-317.

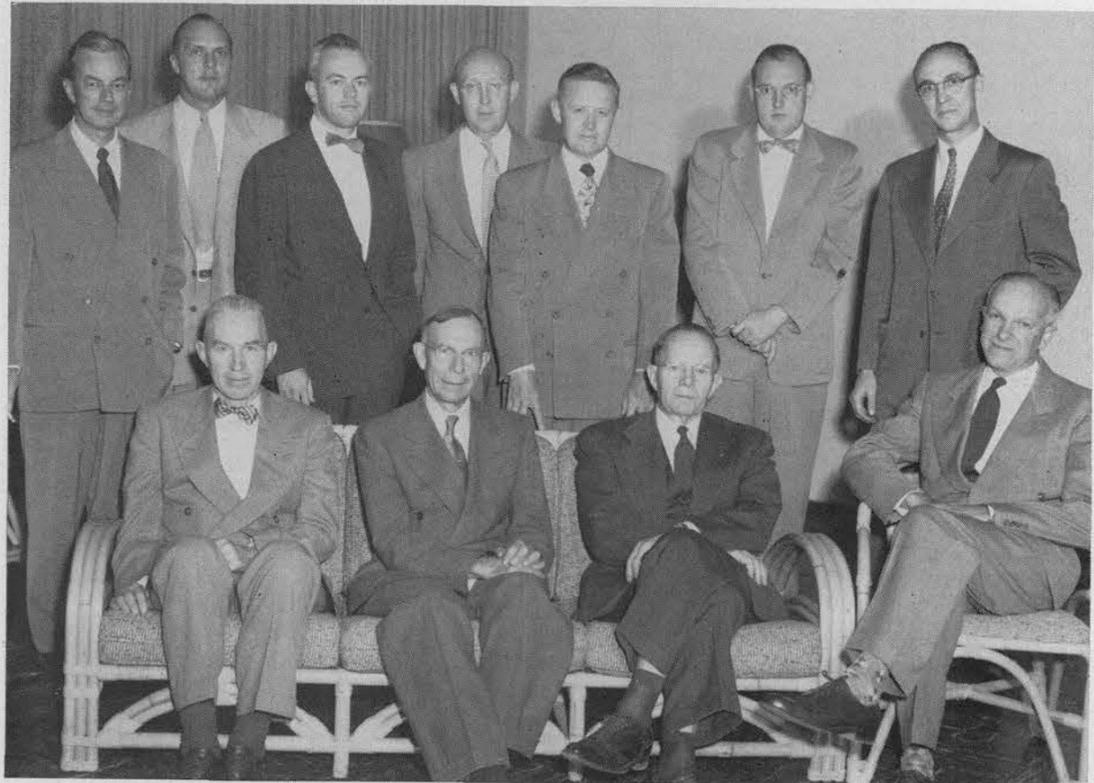
John, a former broadcast equipment design engineer with RCA, will discuss techniques and equipment associated with the audio and program switching facilities of standard broadcasting stations.

Election of club officers for the fall term will be conducted at this meeting. Presiding will be Vice President H. H. "Pat" Patterson, 5422, W5DAH.

## 2400 Invites All Sandians to Party

Department 2400 will hold a dinner dance November 1 at the Coronado Club with Hallowe'en theme and all Sandia Corporation employees are invited.

There will be a chicken dinner, dancing to the music of Donald Lesman, entertainment and prizes. Tickets are \$2.25 per person, and are available from Committee Chairman Wally Boyes, ext. 23137, and members of his committee.



UNIVERSITY OF COLORADO faculty members who were here to attend a conference on atomic energy education at the University of New Mexico last week end met with Sandia Corporation representatives before the conference. The educators are seated in the front row, L to R: W. S. Beattie, mechanical engineering department head; W. B. Piet-

enpol, physics department head; C. L. Eckel, engineering college dean; and F. A. Rohrman, executive director engineering experiment station. Back Row, L to R: H. W. Sharp, 3100; W. G. Funk, 3151; E. H. Draper, 1240; G. E. Hansche, 5140; F. B. Smith, 3000; T. F. Marker, 5421; and R. B. Powell, 3150.

# PROMOTIONS

**RICHARD A. RICHARDS**, section 5432-1. Dick has been here since early 1947. He came here from Manila in the Philippine Islands where he worked as a communications engineer for the War Department. Dick was in Manila as a civilian for a year and a half, and before that he spent three years in the Army Signal Corps. He entered the service following his graduation from the University of New Mexico, where he won a B. S. degree in electrical engineering.



**ROBERT S. REYNOLDS**, section 5252-2. Bob started his higher education at Harvard University and after a year there went into the Air Force, where he served for three and a half years. Upon discharge, he returned to Harvard for another two years to earn his B. S. degree in physics. Bob went from there to the University of Colorado where he was awarded a B. S. degree in electrical engineering. After graduation in 1949 Bob joined us at Sandia.



**ROBERT H. SIMMONS**, section 1955-2. Prior to coming here a year ago, Bob had a teaching fellowship at the University of Washington. For a year he taught administration and also studied for a Ph.D. in the subject. Previously, he was a graduate assistant at the University of New Mexico for a year and a half. He earned his M. A. in government there. Bob has a B. A. in administration from the University of Dubuque, and he also studied at the University of Michigan. He is a veteran of two years in the Navy.



**ARTHUR J. ROTH**, division 5424. Art has a Bachelor of Mechanical Engineering degree from Villanova College. After graduating, he spent half a year as a design engineer at the Naval Research Laboratory, Anacostia, D. C. He also served in the Navy for 18 months and then went to the Submarine Signal Co., Boston, Mass., where for three and a half years he was employed as a design engineer. Art joined us at Sandia in 1948.

**L. R. NEIBEL**, department 1550. Larry joined the Laboratory in 1947 with 15 years experience in electrical engineering. Prior to coming here he spent four years at the New Mexico School of Mines where he was in charge of communications and power for the research and development field test group. Before that Larry worked a year in the Lear Avia Corp. test laboratories at Los Angeles. For 10 years he was with Deico Products Corp., Dayton, Ohio—four years in electrical maintenance and six years in product engineering. Larry studied electrical engineering at the University of Dayton and the University of New Mexico.

**HARVEY H. McCOWEN**, section 5432-2. An Oklahoma A & M graduate with a B. S. in electrical engineering, Harvey first worked at Westinghouse Electric Corp., in radio transmission design for two and a half years. He followed that with two years in the Navy and then went back to Oklahoma A & M to get his M. S. in electrical engineering. Harvey then returned to Westinghouse Electric as a radar equipment design engineer. After two years there, he came to us in 1951.

**GORDON R. BACHAND**, division 5421. Gordon came to Sandia in 1948. Before joining us he was employed as a development engineer with Westinghouse Electric Corp. at Bloomfield, N. J., for six years. Gordon is a graduate of the Stevens Institute of Technology, where he earned his M. S. in mathematics and physical science. At the University of North Dakota he was awarded his B. S. in electrical engineering and while there he also worked as a transmitter engineer for the University radio station.

**JOHN S. MAXON**, section 5432-3. John came to us in 1948 with more than 22 years engineering experience. This includes eight and a half years with Triplett Electrical Instrument Co., Bluffton, Ohio, as chief engineer in charge of electronic test equipment development; six years with Meissner Manufacturing Co., Chicago, in development engineering; four years as service manager of Atlas Radio Co., Chicago; and four years as owner of two radio sales and service stores in Chicago. John studied electrical engineering for three and a half years at Lewis Engineering, Chicago.

**JOHN A. SOUTHWICK**, division 5431. John arrived here at Sandia in 1947 following five years in the Army. While in the service he served as an engineer with the rank of Captain at the Aberdeen Proving Grounds and the Frankfort Arsenal, Philadelphia, Pa. He was with the Ordnance Department involved in research and development. John is a graduate of the University of New Mexico, where he earned his B. S. degree in chemical engineering.

**PHILLIP A. NICOVICH**, division 1953. Phil came here in 1949 after a year and a half as engineering designer for North American Aircraft Co. He also spent two and a half years with Radioplane Co. as a design engineer, a year at Los Alamos as engineering designer and four years with Lockheed Aircraft Co., also as an engineering designer. Phil studied engineering designing at the University of California extension in Los Angeles.

**JAMES G. HINSDALE**, section 5312-4. Following his graduation from the University of Tennessee with a B. S. in electrical engineering, Jim spent a year as a design engineer with RCA at Camden, N. J. From there he moved to Brazil, S. A., where for two years he was a radio engineer with Pan-American Airways. Upon returning to the States, Jim joined Lear, Inc., an electro-mechanical manufacturing firm at Grand Rapids, Mich. He was there for four years as project engineer in the radio division. Jim left there to join us in 1948.

**CEDRIC H. SENTER**, section 5421-3. Cedric came to the Laboratory in 1947 after a year of teaching electrical engineering at the University of New Mexico. Before that, he served two years in the Navy as a radio radar field engineer. Prior to entering the service, Cedric worked as a radar development engineer at the Massachusetts Institute of Technology radiation laboratory for two years. He graduated from the University of New Mexico with a B. S. in electrical engineering.

**DOUGLAS H. KENNEDY**, section 1953-1. Doug joined us in 1948 after three years as a mechanical designer with the Submarine Signal Co., Boston, Mass. Before that he spent 10 years with the Watertown, Mass., Arsenal, first as chief tool designer and later as tool engineer. Doug also worked five years with Bell Telephone Laboratory, Boston, as a mechanical designer and 14 years with General Electric Co., Lynn, Mass., as a tool and die maker. Doug has studied mechanical engineering at Massachusetts Institute of Technology and Franklin Institute.

## Sandia CAP Pilot Spots Mock Wreck

Lt. Don Schrader, 2235, of the Civil Air Patrol, was the first pilot to spot the make-believe wreckage on a recent search and rescue exercise the CAP conducted. Schrader radioed communications headquarters with the position of the wreck, then ground crews took over, proceeding to the scene with a medical team.

Sandians participating in the operation included WO Chadwick Miller, 2120, who directed the "rescue"; Lt. Joseph Schauer, 3232, ground operation commander; Lt. Elliott Harris, 2462-1, coordinator of ground teams; WO Paul Stewart, 2540, transportation supervisor; WO John Stewart, 2122, communications team leader; WO Robert Pegue, 2122, communications officer; WO H. C. Strauss, 3171, rescue team member; WO Travis Allen, 2231; Capt. John Lohse, 5142, Capt. Edward Thompson, 5312-1, Lt. Tom Muzzey, 3124, Lt. W. A. Baines, 2533, pilots; WO Howard Burgess, radio operator; M/Sgt. John Tobias, 2231, mess sergeant, and M/Sgt. Fred Jaramillo, transportation dispatcher. Capt. A. H. Perry, 2462, was umpire of the day's practice rescue.



WILL YOU PLEASE PHONE MY WIFE THAT I'LL BE SEVERAL MONTHS LATE FOR BREAKFAST?

## HERE'S MORE

### Department News

Add to the proud parents at Sandia: Mr. and Mrs. **Edward M. Bauer**, 1530, who welcomed Jeanine on October 1. The daughter weighed 8 pounds, 12 ounces.

**R. W. Copeland** spent his vacation back in West Virginia where he says he "filled up on corn pone, black-eyed peas and southern-cooked ham."

Golfer **George Horne**, 4153, helped his team gain second place in the recent University Golf Association meet, the "Calcutta Sweepstakes." Other Sandians appearing on the prize list included **G. R. Holladay**, 1521, and **W. T. Ryan**, 2300.

Spending a month with **Gerry Hahn**, 2416-1, and **Harry L. Hahn**, 2126-2, is Harry's sister from Michigan. She plans to make her home in Albuquerque.

Vacationers from 2461-2 include **Lillian Krause** who went to Los Angeles and **Ellen Cunningham** who returned Monday from a two-week holiday.

**Nick Carter**, 2534, and his wife spent their recent vacation in Chihuahua, Mex. Other south-of-the-border vacationers this month were **Dick Scholtes**, 2536, and **Bill Freymuth**, 2532, who took an extensive tour of Old Mexico. Bill's sister accompanied them on the trip.

**Fred Hansen**, 2533, was married last week to Elizabeth Wedow of Chicago. Fred, also from Chicago, recently joined the Corporation.

## New Employees

A welcome is extended to the following newcomers who joined Sandia Corporation between October 3 and October 16:

Harold F. Howard	1213
John E. LaViolette	1221
William H. Thomas	1230
Gerard Bergeron	1230
David L. Griffin	1232
Arthur C. Bentley	1321
Harold A. Krieger	1321
Carleton W. Sprague	1322
Kenneth Tiede	1512
James R. Roy	1514
William A. Coleman	1533
Donald M. Libby	1546
Cornelia M. Buitenwerf	1924
Jay K. Power	1951
Nelson T. Radman	1951
Marsha T. Julio	1951
Charles G. Hughes	2122
Raymond F. DeLay	2122
Willard Lee Jones	2123
Henry E. Miller	2123
Thomas D. Shea	2123
Ygnacio Torrez	2124
Lester W. Shaw, Jr.	2125
Alice P. Willner	2126
John Olson	2221
Charlotte Ruff	2222
Louis B. Flores	2232
Marlene B. Edelstein	2234
Ruth P. Kaiser	2333
Lowry G. Kinzer	2335
Eulogio C. Sanchez	2351
William P. Morales	2411
Stanley Eastman	2415
Efen Ortega	2415
Ramon M. Martinez	2423
Joanne C. Carlmark	2461
Melvin L. Bergy	2461
Betty Louise Baros	2461
Doris R. Cole	2462
Rex A. Prunty	2463
Danice D. McSwain	2471
Theodore P. Ickes	2472
Johnnie L. Blackerby	2482
Edward P. Whyte	2483
Emil R. Pearson	2533
Willis R. Hamilton	2541
Henry H. Pedroza	2542
Betty S. Sexton	3152
Carol J. Keith	3153
James A. Kenagy	3230
Herbert R. Dieterich	3230
Russell P. Hall	4152
Garrett K. Carmichael	4153
Dorothy L. White	4222
Betty A. Chaney	4222
Judith R. Kempe	4222
Mildred C. Reuss	4222
Marian G. Diehl	4222
Fatsy S. Sloan	4222
Frank H. Shelton	5111
Robert C. Swyers	5143
William R. Joy	5313
Charles E. Arthur	5321
Floyd A. Philgreen	5321

## SOLUTION TO TEST YOUR BRAIN POWER (Problem found on page 3)

Here's how the mathematicians found the amount of the check which was cashed incorrectly by the bank:

Let x equal amount of check in terms of cents.  
Let y equal amount received in terms of cents.

$$y - 24 = 2(x - 24)$$

$$y - 24 = 2x - 48$$

$$y - 2x = -24$$

Multiply by -1 and rearrange:

$$2x - y = 24$$

Let x equal a\$ + b¢  
Let y equal b\$ + a¢  
Substituting in the last equation:

$$2x = 2a\$ + 2b¢$$

$$-y = -b\$ - a¢$$

## Weddings and Engagements

Mrs. Margaret Mechenbier of Albuquerque recently announced the engagement of her daughter, Marian J. Mechenbier, 5321, to T/Sgt. Richard C. Moyer, son of Mr. and Mrs. Joseph J. Moyer of Tama, Iowa. The wedding is scheduled at St. Charles Church for Thanksgiving Day, and following the ceremony the couple has planned a honeymoon trip to the west coast. Upon their return they will establish residence in their new home at 1218 Jackson, SE. Marian has been with Sandia Corporation about 3½ years.



Announcement was made recently of the approaching marriage of Betty Jean Lister, AEC, to A/IC Donald R. Frazier, son of Mrs. W. W. Frazier of Niceville, Fla. Betty Jean is the daughter of Edward E. Lister, 2234, and Mrs. Lister of Albuquerque. After their wedding tomorrow in Sandia Base chapel the couple will be at home at 2813 Silver, SE. They have planned a delayed honeymoon trip to Florida in December.

Sept. 27 was the wedding date for Mary E. Bolles, 2334, and William H. Grossman of Albuquerque. Mary, daughter of Mrs. Asa Tomlinson of Allamore, Texas, attended Sul Ross State Teachers College in Alpine, Texas, and Schriener Institute, Kerrville, Texas. Mr. and Mrs. Grossman have purchased a home at 611 Gene Ave., NW.



Patricia Abeyta, 4222, was united in marriage October 4 to Alfonso Archuleta of Albuquerque at St. Charles Church. Patricia, daughter of Mr. and Mrs. Carl Patrick Abeyta of Phoenix, Ariz., attended St. Mary's School. She has been with Sandia Corporation since last July. The Archuletas are living at 225 East Kathryn.

The engagement of Pauline Campbell, 3160, to George W. Burnside, 5112, was announced recently by her parents, Mr. and Mrs. H. C. Lindstrom of Seattle, Wash. George is the son of Mr. and Mrs. George W. Burnside, Sr., of Albuquerque. Date of the wedding will be announced later.

October 11 was the wedding date for Fern Green, 2461-2, and Vernon Ray Poston, formerly of Amarillo, Texas. Fern, daughter of Don Little, Albuquerque, was attended by Jean Byrd, 2461-1. Fern has been with Sandia for the past three years. The couple will announce their future plans in November when Mr. Poston receives his discharge from the Army.

**Coronado Club**  
DUPLICATE BRIDGE RESULTS  
1st Place—Col. and Mrs. Frank R. Swoger  
2nd Place—George Arnot and Preston Clement  
3rd Place—Rollin Kurth and Dick West  
4th Place—Jack Palmer and John Smith  
5th Place—Mrs. Evelyn Hughey and Mrs. Joann Marksbury

**Quarles Presides At AIEE Meeting**  
Donald A. Quarles, Sandia Corporation President and recently elected president of the American Institute of Electrical Engineers, presided at the Fall General Meeting of the AIEE last week.  
The meeting was held at New Orleans, La., and Mr. Quarles addressed the Institute on matters concerning AIEE policy.



LOOKING FOR LOST HUNTERS is a job for the Civil Air Patrol and law enforcement officers. Here are members of the Albuquerque CAP as they planned a rescue mission in a simulated problem last winter. L to R: Bob Holmes 2462, Airport Manager Ed Black, Joe Schauer 3230, Bob Borah AEC and Don Tompkins 1541.

### Survival Hints for Hunters

#### New Mexico Hunters May Find It Necessary to Ask for Help

New Mexico hunters are taking to the hills these days and soon thousands of them will roam the wilds searching for the elusive deer. Then will be the days of trials and tribulations for the Civil Air Patrol, State Police and other officers. For it is a sad fact: Hunters will get hurt or lost.

#### Be Prepared

If you are planning a hunting expedition this year be a good hunter, prepare for any eventualities which you may have to face. Be prepared to take steps which will aid in your rescue if you are lost or injured.

There are many things you may do if there is a crisis and it is the good woodsman who knows how to do them. What would you do if you were lost? What would you do if your hunting companion broke his leg? Those predicaments are not uncommon—you may experience one yourself.

#### Your Chances

Men trained in rescue work say that your chances for a quick rescue are good if:

1. You are near a traveled air route.
2. Weather and air conditions are good.
3. You don't get excited when you realize you are in trouble.
4. Someone notifies authorities you are missing.
5. You stay in the open and on ridges where you are likely to be seen.

You won't always be able to hunt on an air route and you have no control over the whims of the weather, but you can remain calm.

#### Stay in Open

You should make arrangements to come out of the woods at a certain time so that if you fail to appear it will be known that you are in trouble. And if you do get lost you can stay in the open where air searching groups can find you.

This is where the New Mexico Civil Air Patrol plays an important part in finding lost hunters. There are trained pilots and crewmen ready to go into action in case of an emergency and these men of the CAP have devised a method by which you can communicate with a plane which has spotted your signals. They have developed a series of ground-recognition symbols which may be made with stones, tree limbs or stamped out in the snow. These symbols are shown in the accompanying photographs and when they are reproduced in an open area at least 10 feet in size they may be spotted easily from the air.

The Civil Air Patrol is trained in rescue work and if you are able to cooperate with them your chances of a quick rescue are good.

#### Survival Equipment

Every hunter should take certain precautions before going into the woods. He should, by all means, buy a good compass and learn how to use it and to trust it. Also he should carry with him, in the woods, the necessary and proper survival equipment, such as waterproof matches, a good knife, lightweight energy-giving foodstuffs (such as chocolate bars) and a good first aid kit.

One other thing every hunter must

△	Probably safe to land here
L	Require fuel and oil
N	No
□	Require map and compass
I	Require doctor, serious injuries
X	Unable to proceed
	Require medical supplies
↑	Am proceeding in this direction
∨	Require firearms and ammunition
F	Require food and water
K	Indicate direction to proceed
Y	Yes
JL	Not understood
LL	All well

Clip the above chart and take it with you when you go hunting—it may save the day.

take into the wilds with him is a sense of safety. Trigger-happy hunters will take their toll this year, unless better judgment prevails. Don't think of hunting safety as an over-all problem, think of your own actions and those of your party. If you make your hunting habits safe and the habits of your party safe your wife back home need not worry. Hunting is a great sport, but it is also a dangerous hobby and you should have this proper equipment and "know-how" before you go into the wilds. Know your safety rules, the country where you are to hunt and what you are to do if you are injured or lost.

### You'll Envy the Tales Sten Tells His Grandchildren

When Sten Persson holds his grandchildren on his knee, he has some wondrous tales of travel and adventure to tell them. Sten has sailed under four flags, been detained by the enemy in war time, touched ports from North Africa to the Arctic Circle and visited in 18 countries and worked as a news reporter, a city editor and as a teacher. In addition he held posts with the Union Pacific Railroad and is an accomplished carpenter, cabinet and pattern maker who retains his New Mexico state license as a general contractor.

With all this varied, colorful and busy background Sten has managed to



DOWN TO THE Nth—that's what Sten Persson measures on one of the amazing gadgets turned out in his modelmaking shop.

obtain a diploma from Bethany Academy in Kansas and an L. L. B. law degree supplemented by a year's intensive study of fiction technique. He is proficient, too, as a modelmaker which is where he fits into the Sandia Corporation picture in Organization 5414. From his shop come highly intricate and amazing products used by everyone from specialists in electronics to the party-decoration committee of the Coronado Club.

#### Worked on Steamer

Sten, who lives at 328 Louisiana St., NE, with his wife and younger daughter, Dolores Jean, came to Albuquerque from Douglas, Ariz., to seek a better climate for his family. Previously they lived in Washington state, mostly in Spokane where for 16 years Sten was employed by the Union Pacific as a clerk and relief cashier in the local freight office. He was a purser for the U. P. on the S. S. Lewiston, the last steamer the railroad company maintained on the Snake River before the present network of rail lines took over the traffic.

One of the reasons Sten chose rail-roading for a career was that the frequent layoffs in those days gave him more time to continue his education and explore his absorbing hobby of woodworking, a skill he is now utilizing. His hobby in woodworking piloted him through building and construction, carpenter finishing and cabinet making into the model shop activities of today, which Sten says is of "a thousand and one varieties."

#### Captured by Germans

Born in Stockholm, Sweden, Sten left school at an early age to go to work. Later he went to sea where he sailed under the flags of Sweden, Britain, the United States and Norway, and it was during this phase of his life that one of his most exciting experiences occurred. Britain and Germany were fighting World War I. Sten had just shipped aboard an American freighter, the S. S. Portland, carrying wood pulp to the Allies; the Germans seized them in the mid-Baltic and took them into a German port for internment. When negotiations and diplomatic exchanges had been made, Sten and his shipmates and their craft were towed back into the Baltic, released, and Sten was free to continue his travels which eventually brought him to the U. S. and to Sandia.

But now let's talk about the Persson's grandchildren. They are Tris and Eric Sevdy, sons of Sten's older daughter, Mrs. Lawrence Sevdy of Live Oak, Calif. They are getting an early start to step into grandfather's traveling shoes. Because their father is a captain in U. S. Army specializing in liaison and diplomatic service, the boys have lived for two years in Washington, D. C., and now in California, and are slated soon to accompany their mother to Japan where they will join their father. Perhaps the tables will be reversed someday and the boys will tell Grandpa Sten all about faraway places.

### Sandia Gridders Wind Up Season With Victory and .500 Average

Sandia Employees' touch football team took an important victory last week from the 10th Aviation Field Depot Squadron to wind up the current grid season with a better than .500 average.

The season record of the Corporation gridders is 4 wins against three losses.

In the final game of the season, Frank Duggin on the passing end collaborated with Roland Kurth and Tooter Cosper on the receiving end to notch up two TD's against the Air Force team. Duggin also passed to Howard Obergfell for one extra point. Final score of the game was Sandia Employees—13; 10th AFDS—6.

The previous week the Sandia gridders dropped a hard fought decision to the 1094th Aviation Squadron by a score of 18-6. Frank Duggin passed to Jim Warne for Sandia Employees only score.

Sandia Employees, only civilian team in the Sandia Base Military Football League, ended the season in fourth place. Winner of the league will represent Sandia Base in the Fourth Army football tournament next month.

Jim Schlahta was coach of the Sandia Employee's team. Included on the playing roster were Frank Duggin, Jim Foster, Bill Rowe, Tooter Cosper, Jim Clemons, Bill Gamberale, Howard Obergfell, Jim Warne, Roland Kurth, Larry Callahan, Dick Heim, Jerry Olguin, Walt Joseph, Jim McHenry, Wally Jungmeyer, John Westbrook, Jim Kelly, Dick Scholtes, Les Dossoff, Tony Garcia, Bill Moulds and Warren Bush.



SYBIL MILLIGAN, AEC, tries hard for a strike at the Coronado Club bowling alley where the Jewelette League of Women Bowlers gather on Tuesday evenings. Sybil captains the "Zircon" team which is leading the league in current standings.



THE SCOREBOARD CALLS FOR persistent attention and keeping an eye on the count for those spares and strikes are Julia Sensel, Gerry Hahn, 2416-1, Pat Anderson, 5243, and Rose Hainlen, 4135. Gerry is secretary-treasurer of the women's bowling league and Rose is captain of the "Onyx" team.

### Pinboys Added, Bowling Speeded

Bowlers are in luck! Under a new Coronado Club system, there will be a pinboy setting up in each of the Club's four alleys every league bowling night. Previously one pinboy had to service two alleys. Under the new system play will be speeded up considerably.

The list of pinboys for the winter bowling leagues is being made up right now. Interested youngsters are urged to contact the Coronado Club bowling attendant any evening after 6 p.m.

### Bowling Leagues INDIAN LEAGUE

Team	Team Standings	Won	Lost
1. Apache	9	3	4
2. Hopi	8	4	5
3. Blackfeet	7	5	5
4. Potawatomi	7	5	5
5. Navajo	6	6	6
6. Mohawks	5	7	7
7. Arapahoe	4	8	8
8. Zuni	2	10	10

High team total pins: Apache, 3121.  
High team single game: Apache, 1184.  
Individual high series: Wedwick, 660.  
Individual high game: Northrup, 272.

Top Ten Averages  
Nendell, 196; Fink, 182; Northrup, 175; Whitney, 174; Parsons, 167; Sturtevant, 166; Chaves, Wedwick, Baumgartner, 164; Huenefeld, Leonard, 163.

### ALL-STATES LEAGUE

Team	Team Standings	Won	Lost
1. Iowa	10	6	6
2. Oklahoma	10	6	6
3. Wisconsin	8	8	8
4. Indiana	8	8	8
5. California	8	8	8
6. Michigan	7	9	9
7. Illinois	7	9	9
8. New York	6	10	10

High team series: Wisconsin, 2431.  
First high team game: Michigan, 886.  
First high individual series: Fellows, 579.  
First high individual game: Gorry, 227.

Top Ten Averages  
Fellows, 193; Ginther, 179; Parsons, 170; Callahan, 166; D. Jenkins, 164; Muchowski, 162; Schultz, 160; C. Lindquist, 160; Kaspar, N. Johnson, Ford, Craig, 157.

### JUNGLE LEAGUE

Team	Team Standings	Won	Lost
1. Lobos	14	2	2
2. Lions	11	5	5
3. Wildcats	9	7	7
4. Gophers	8	8	8
5. Rabbits	7	9	9
6. Mustangs	6	10	10
7. Panthers	5	11	11
8. Bears	4	12	12

High team total pins: Lions, 2582.  
High single game: Lions, 911.  
Individual high series: Mills, 605.  
Individual high game: Mills, 233.

Top Ten Averages  
Campbell, 180; Mills, 179; Duffield, 177; Davis, 174; Rowe, Fry, 171; Hake, 170; Cook, 169; Butler, Hoyer, Marmon, 163.

### LADIES' "JEWELLETTE" LEAGUE

Team	Team Standings	Won	Lost
1. Zircons	14	2	2
2. Emeralds	13	3	3
3. Onyx	10	6	6
4. Turquoise	9	7	7
5. Jades	8	8	8
6. Sapphires	8	8	8
7. Garnets	4	12	12
8. Diamonds	3	13	13

High team series: Zircons, 2157.  
High team game: Zircons, 758.  
High individual series: R. Hainlen, 514.  
High individual game: E. Fauerbach, 199.

Top Ten Averages  
M. Butler, 159; E. Fauerbach, 154; R. Hainlen, 147; J. Sensel, 144; M. Muchowski, 139; C. Pumphrey, 138; M. Burg, 137; L. Masak, 136; E. Wallace and L. Nemes, 130; S. Milligan, 129.

Sandia Corporation Is the Door to the Business World for Many of the Country's College Grads

# Meet Two New Sandians

Every month many newcomers join Sandia Corporation and among them are many young people who have just graduated from college. The BULLETIN talked to two of them and asked why they came here. This is their story.



Earl Simonson



Eleanor Hughes

Eleanor Hughes and Earl Simonson are a long way from home on their first jobs. She is from Wyoming and he is from Montana.

Both Eleanor and Earl were in college when Frank Grubbs, 3150, interviewed them as a part of our recruiting program. It was the first job interview of any kind for Eleanor and she remembers she was a bit flustered. Although she received subsequent interviews, she decided to come to Albuquerque because "Mr. Grubbs made it sound so interesting—and it is!" Earl decided upon Sandia largely because of his interview, too. "It was the best of all the job interviews I had," he recalls. "I thought, however, that Albuquerque sat right in the middle of a scorching desert and I didn't know about the mountains so close by. Boy, was I surprised when I saw those mountains."

### From Minnesota

Eleanor, a member of 4135-1 along with Earl, attended St. Teresa's College in Winona, Minn., and then entered the University of Wyoming in Laramie where she was graduated last June with a B.S. in accounting. She was a member of Chi Omega sorority, Phi Kappa Phi, national



SCHOOL DAYS were also working days for Earl Simonson. He was employed as assistant manager of a theatre when not in classes or studying.

finance his way through school. Before he received his degree last spring, Earl had become manager of the theater.

He lives in an apartment at 201 General Marshall, NE, with Max Hodge, 4135, who attended Utah State Agricultural College in Logan,



THE TWO NEWCOMERS met at Sandia Corporation when they were assigned to the same department—4135-1. At "break" time in their new jobs they exchange tales of the North—their home ground, but they have decided New Mexico is good and their first positions are tops.

## Report from Iran Made by Sandian With Military Mission

A letter to his former co-workers from M/Sgt. Gale E. Walton brought news from far-off Iran where Sgt. Walton is stationed with the Air Weather Service as technical advisor. He worked in 5242-3 from January, 1951, until June, 1952, and following are excerpts from his letter to Herbert J. Plagge, 5242:

"Things over here aren't quite as bad as they have been painted in the American papers. The rocks they have been throwing have been fairly small and the only cabbages and tomatoes thrown are the rotten type. You wouldn't catch these people throwing good food away... About the only thing that is hard to put up with is the "Go home Yankee" boys... Can you imagine somebody hollering that at a person from Texas?... Living conditions are wonderful here except for the Persian version of the bathroom. I am now living with a Persian family, paying \$65 a month for board, room and laundry... Transportation is pretty good here, the streets are crowded with taxis and buses if you want to fight for them... Along with the cabs and buses on the streets there is the usual assortment of camels, burros, goats... These people use henna on their animals to keep the evil spirits off so they all turn pink... Some of you write me if you get a chance. I am always looking for word from home."

Sgt. Walton's address is: AF 16026780, US Military Mission with Iranian Army, APO 205, c/o P. M., N. Y., N. Y.

## Michigan State Alumni Group Will Organize

A meeting for the purpose of organizing a Michigan State College Alumni Club is scheduled for Monday at the Base Officer's Club Library at 8 p.m., according to Bill Guntrum, 1242.

Those already contacted concerning the formation of a Michigan State alumni group are: Tom Ginter, 1332; Bill Little, 1323; Jack Marcean, 1300; Ed Holland, 5421; Ben Peterson, 5215; Bill Stearns, 1540; Bill Guntrum, and Ted Baker, 1311. Those interested are asked to call Guntrum at ext. 23263.

Utah. "We batch," says Earl, "the apartment isn't very big so we don't have much trouble with the cleaning. We sure knock ourselves out on some of those meals, though." Earl's favorite recreation is attending sports events, particularly the auto races at the park east of the base.

Eleanor and Earl are pleased that they are putting their preparation and study to use in jobs within their field. They're both happy they chose Sandia from among the job offers they'd received. Fact is, when you see them together occasionally at a sports event or the bowling alley, they both seem very happy about the whole thing.



"DEAR, YOU REMEMBER HOW WE'VE ALWAYS LAUGHED AT THOSE GAGS ABOUT THE HUSBAND WHO BRINGS HOME AN UNEXPECTED GUEST?"

## Classified Advertising

Classified advertising is printed in the Sandia Bulletin as a service to Sandia Corporation employees and employees of the AEC on Sandia Base. There is no charge for publishing the advertisements. They must be submitted in writing and contain the name and base telephone extension of the advertiser. Each advertisement will be run one issue. Deadline: Friday noon, one week prior to date of publication.

### FOR SALE—

'41 Chevrolet, 2-door sedan, heater, \$325. O. Montoya, 804 Iron, SW, ext. 25253 or Alb. 3-8990 after 6.

Strawberry plants, Everbearing, 100 for \$1. Plant now and pick 'em next summer. Sherwin, 4624 Trumbull, SE, Alb. 5-8866.

Silver Fox jacket. Size 12-14. Worn only few times. \$72. Weber, ext. 25143 or Alb. 5-5090.

Baby buggy, "Storkline," 1-year old, \$20; Teter-babe and bathinette, \$2 apiece; Premier vacuum cleaner (upright) with all attachments, \$25; 4-quart-size Betty Crocker pressure cooker and recipe book, \$8. Isselhard, Alb. 5-6431, 636 Maderia, SE.

Kardon, 47 mm Ekta F-2 lens, carrying case, Leitz Wollensak 127 mm. telefoto F4:5 lens. Total cost \$325, Scharpen, ext. 2-6166.

'47 Nash, \$300 down and take over payments. Murray, ext. 27259.

New Supreme House trailer, modern, never lived in \$4,695. Consider trade, will finance. Moore, ext. 31262 or Alb. 6-2568 after 5.

1950 model Hardwick gas range. 4 burners, oven with temperature control, Karnowsky, ext. 3-2246.

Combination washer and dishwasher, Thor Automag without dishwasher attachment. \$75. James, 1205 Quincey Street, SE, Alb. 6-0352 or ext. 29164.

'47 Nash Ambassador Club Coupe, weather-eye heater, radio and overdrive. Good rubber, clean, \$775, Holmes, ext. 6153.

Pair of blue parakeets, plastic cage, homemade exercise cage, all for \$20. Merrill, ext. 33249 or see at 1216-B Carlisle Blvd., SE.

Simmons double Hollywood bed, metal frame, clean, \$50, Roth, ext. 7267.

Must sacrifice two of our Boston Terriers, males and AKC registered \$25 and \$50. Moving, Kelly, 3500 Cypress Dr., SW, Alb. 2-8730, ext. 32240.

1940 Hudson Six, heater, Dempsey, ext. 31158 or see at 3110 Monte Vista Blvd., NE.

Keystone model A-7 16 mm. movie camera, F2:7 Wollensak lens, 7 speeds. \$50. Boyd, ext. 21148 or see at 7607 Leah Drive, NE.

2 tires 6.50 x 16. One very good, one fair, 3 good tubes. \$13 for all. Also one new GE electric blanket, double size, single control, rose color, original price \$59.95, will take best offer over \$40. Sylvanus, Alb. 6-2667 eves.

Bicycle, English Imperial Sports Model, 28" wheel, 3 speed gear shift, front and rear wheel brakes, \$35. Also skis, Johansen and Neilson, 6'9". Wilson micro-symmetric bindings, \$20. Cotter, ext. 23237 or Alb. 2-1185.

522 transmitter and receiver modified for 6-V operation with PE 103 dynamotor, \$40, Hansen, ext. 22131.

'50 half-ton Chevrolet pickup, heater, 21,000 miles, one owner, \$1,125, Kernodde, ext. 7170.

'47 Oldsmobile station wagon, 6-cyl, Hydramatic, just painted, completely overhauled, good tires. Will take trade, \$900, Schutzberger, ext. 25241, 9012 Los Arboles, NE (Hoffmanton).

Chrome kitchen set, red, 4 chairs; silver fox 3/4 coat; lamps; electrolux vacuum cleaner; misc. Syracuse, Alb. 5-0627 or ext. 23140.

Oil heater, capable of heating four rooms. Baca. Call Alb. 3-3058 after 6, 923 Rio Vista Place, SW.

'40 Packard, R and H. Will sell cheap. Toney, Alb. 3-0397.

Model 94 Winchester and shells, \$30, Sons, Alb. 7-9073 after 6.

'47 Ford Club Coupe, \$650. Heater. Marchbanks, Alb. 4-3359, 210 Rhode Island, NE.

Used sewing machine, treadle, White Rotary, \$15. Hendrix, Alb. 4-5778, 906 La Luz Drive, NW.

Ladies wardrobe luggage (white with brown leather trim), with hangers, \$12. Moulder, ext. 33236.

Lot, close to base, cheap, E. Smith, ext. 33236.

"Wingfoot" house, completely modern, sleeps 4, \$800; 6 x 30 binoculars with case, \$35. Ayers, ext. 33278 after 5.

Hunters! big game rifle 30-06 on Mauser action, \$79. Martinson, ext. 7121 or Alb. 3-6901.

Bendix portable ironer, \$30. See at 4249 F Street, base. Brian.

'48 Cadillac, 2-door sedan. Thompson, ext. 31157, 8-5.

Piano, upright, Briggs, \$150. Blake, ext. 31115 or Alb. 5-4963.

Green plastic birdcage, almost new, \$4. Wedge (elevator opr.) See at 1830 Meadow View Drive between I and 5 Sats.

7-Column Allen-Wales electric adding machine, will sacrifice at \$100. Also 2 gas heating stoves (one with Honeywell thermostat) \$45 and \$15. Irving, 8915 Fairbanks Rd., ext. 4141.

6 mountain lots, 5.7 miles north on Rte. 10, low as \$1,100 for 4-acre lot. Terms available. Annot, ext. 7137.

### WANTED—

Someone to give good home to kittens. Owens, ext. 24161, or see at 3500 Smith Ave., SE, 6-3789.

Men interested in studying ballet to join dancing class. Lucas, ext. 22257 or Alb. 5-0674 after 5.

Private pilot to buy one-fourth share in 1947-165 H. P. Stinson Voyager. Share worth \$600. For further details contact Art Eiffert, ext. 22236.

### FOR RENT—

4-room Duplex apt., nicely furnished, close to base, available Nov. 1, \$75. Southern, Alb. 2-7638.

8003 Morrow Ave. (Inez Add'n) will rent home and 2 bedrooms, reserve 3rd bedroom and private entrance for self. \$100 mo. Beautifully furnished. Chesnut, ext. 4148.

### RIDER WANTED—

Car pool partner wanted, vicinity Ridgecrest and Kathryn, park on west side. Yearout, ext. 7119.

### RIDE WANTED—

Menaul and North 12th to vicinity Adm. Bldg. Ruth Simpson, ext. 7158.

Hoffmanton, near Wyoming and Menaul to Adm. Bldg., Nov. 1. Mrs. Elsie Robinson, ext. 6157.

Wish to join car pool from neighborhood of Sycamore and Tijeras to Gate I or east gate. Paul Jennings, ext. 29241.

To join or form car pool from Bel Air. N. J. Elliott, 2635 Quincey St., NE, Alb. 6-2019 or ext. 21258.

scholastic honorary society, and Phi Gamma Nu, honorary organization for women in commerce at the University.

Eleanor, whose parents reside in Riverton, Wyo., has a brother who plans to enter the business administration field and who is currently a freshman at Regis College in Denver. Asked if her parents objected to a job so far away from home, Eleanor said they were very understanding about it, and urged her to accept the position she wanted most of all.

She writes home about every five days and receives those welcome answers frequently. Living in the dormitory Eleanor sometimes takes advantage of the dorm kitchen and "whips up a snack."

More often she eats at the Coronado Club where she is also learning to bowl. Eleanor likes Albuquerque. She attends sports events once in