

TEK FAMILIES AND NEWLY WEDS VISIT ISLANDS IT'S JUNE IN JANUARY IN HAWAII ...



While the Northwest shivered Our more fortunate friends moseyed around in Muu-Muus.



Dave Meier of our Photography Department and his bride, **Sharin** were married in Portland at the Temple Baptist Church on Saturday, December 6th. They went directly to the Portland International Airport from the church and boarded a Northwest Orient Airliner bound for the Hawaiian Islands.

They spent eleven days going on most of the tours of the main island and stayed at the Edgewater Hotel. A sunset cruise on Henry Kaiser's catamaran from the Hawaiian Village was one of the most pleasant experiences the couple recalled.

Dave brought back many excellent color slides to record their trip and share the beauty of the island paradise with their friends. The black and white scenic used in Tek Talk was taken from his slides.

Em Langdon, secretary in Marketing and her husband, **Harold**, and daughter, **Diane**, took off into the blue the Saturday after Christmas. About eleven hours out from the mainland, Hawaiian lights were seen and they were on their holiday.

Added to the excitement of air travel, the enjoyment of meeting new friends and running into local people in far away places made the eight day stay on the island all too short for the Langdons.

Em's daughter, **Diane**, a sophomore at Sunset Hi, had an especially good time getting acquainted with other young people in Hawaii. According to her mother she must have had a complete check-out in flight instructions judging from the time she spent talking with the Pilot and Co-Pilot.

Although the Paradise of the Pacific is all they say it is, Em feels she would not want to live there for very long. As is evidenced in the picture, she brought back enough of the island lore to preserve the memory for a long time. Dal Dallas, Em's boss, got a special present—a coconut shell with a serving of poi. Dal's pleasure at receiving the gift has been unreported to date.

"The Pasley Hawaiian Airlift", 7 strong—7 strong Pasleys, that is—consisting of **Ruth** (Retirement Trust), husband, **Harold**; **Christine**, 18, freshman at O.S.C.; **Carolyn**, 15, sophomore at Hill Hi; **Carmen-Kay**, 10; **Scott**, 6; **Robyn Ruth** 5, flew via Pan-American to Hawaii on December 20 where they spent a dream vacation for the next 12 days sightseeing, visiting friends, relaxing on the beach at Waikiki in summer-time weather during the Christmas holiday season. The occasion for this trip was the 20th wedding anniversary of **Ruth & Harold Pasley**. Em Langdon's family's arrival on December 27, and the time spent on the beach with our family was very much enjoyed by all. Hawaii is an ideal vacation goal with temperatures hovering around 80° degrees throughout the year. We hope that all who have been thinking that some day they will take a trip to Hawaii will really make definite plans to enjoy this same experience as we have just had.

—Ruth

NEW FIELD OFFICES OPENED TO SERVE SOUTHEASTERN U. S.

Announcement of the opening of four new field offices was made during the closing weeks of 1958.

The **Washington, D.C.** office located at Annandale, Virginia is now the Eastern Division headquarters and will be the "at home" address of **Scotty Pyle**, Eastern Division manager; **Rollie Smith** Engineer; **Eb Von Clemm**, Field Engineer; **Art Andersen**, Maintenance Engineer and **Carolyn B. Wall**, Field Secretary.

A long and pleasant affiliation between Tektronix and two of the top Manufacturers' Representative organizations dissolved with the start of the new year.

For years our responsibility to Tektronix customers in most of the Southeastern United States has been carried by **Bivins and Caldwell**.

In keeping with fundamental company practice, Tektronix will assume direct responsibility for instrument sales, field engineering work and maintenance activities in the southeastern area starting the first of the year, 1959.

Customers in the area will now be furnished a continuation of top-notch technical service from the newly staffed, **Atlanta** office. **Chuck Bouffiou**, Field Engineer; **Dan Guy** Field Engineer; **Dick Sylvester**, Maintenance Engineer; **Harry Mayo**, Maintenance Engineer and **Ethel Moore**, Field Secretary are the Georgia TEKS.

Tektronix responsibility to customers in Florida has for many years been carried by **Arthur Lynch and Associates**. As in Georgia, a staff of our field engineers, field secretaries and maintenance engineers with fully-equipped instrument overhaul facilities will now assume direct responsibility. **Jerry Kraxberger**, Field Engineer and **Vida Forbes**, Field Secretary are now located at the **St. Petersburg** Office and **Bob Browning**, Field Engineer; **Otto Rothfuss**, Maintenance Engineer; **Warren Shepard**, Maintenance Engineer and **Marion Rothfuss**, Field Secretary are at the 205 Colonial Drive address in **Orlando**, Florida.



ISLE OF GUERNSEY SELECTED FOR FACILITY TO AID EXPORT MARKET

During February 1948 one of our original Type 511 scopes was purchased by Ericsson Telephone Sales Co. for shipment to their parent company, Aktiebolaget Ericsson Telephone Company of Stockholm, Sweden. Several reorders from this source plus the almost simultaneous establishment of Aktiebolaget Norrlandia (Erik Ferner) as our original overseas distributor became first evidence of export sales that are now a very healthy and appreciable portion of our total business.

A nip and tuck battle has been necessary during the ensuing years on the part of all hands in order to keep pace with the growing needs of representatives and customers alike in the export market. As a result, overseas engineers have become as familiar with the Tektronix "bug" as are domestic users.

A strong person to person relationship between Tektronix and overseas associates has been developed through direct correspondence with individuals in the export department. This closeness has been further cemented by a good many personal visits in both directions.

A first step in providing an even better service was taken when **Al Hannmann** was assigned full time field engineering duties for the West European area in late 1957. Changing political and economic conditions brought about by the impending establishment of the European Common Market paved the way for a second step toward the same objective.

Bob Davis made a trip to Europe in the summer of 1958 and after an on-the-spot appraisal, following conferences with **Al** and many others, a decision was reached that an overseas plant facility was in order and very timely. Presentation of the facts upon **Bob's** return resulted in a conclusion by the Management Committee that further steps would be taken to establish such a facility on the Island of Guernsey. Favorable business climate and labor sources, fully equitable corporation and tax laws, ease of communication by virtue of a common language, above average living standards plus the probability of favorable and flexible access to the total overseas market as it develops constitute some of the many reasons for the choice of Guernsey as a location.

At the outset **Al Hannmann** is serving as resident manager in Guernsey reporting directly to **Dal Dallas** who bears the responsibility of overall coordination.

During the first part of Dec. just past, **Al** was joined by **Earl Wantland** and **Dave Spinks**, transferees from the Portland plant. These men, with the clerical assistance of **Miss Val Davison**, a resident of the

Island, established the Guernsey Tektronix facility as a reality and by January 15 eleven additional local folks had been hired to add to the growing Tektronix family.

Al Hannmann is no stranger throughout Western Europe, having traveled the area considerably as European Manager for **Collins Radio**, with headquarters in London, prior to his employment with Tektronix. He, his wife **Kathy** and their daughter **Lynn** have now established residence on Guernsey though during the early days of their assignment they lived in Zurich, Switzerland.

Dave and **Joyce Spinks** motored through England and the European countries a year ago on an extended vacation and have learned the custom of many locations first-hand. As Guernseyites they already are making plans for their first-born's arrival there in May. **Dave's** wide experience in training functions will serve exceptionally well when expansion calls for the adding, integrating and training of production people.

Earl Wantland's traveling has been limited to his service experience during World War II. He said, just prior to leaving, that the whole family approached their move as an exciting new adventure. **Earl** and his wife **Edna** are button-bustin proud of their three below-age-eight children and are now beginning to feel well settled. He will be in charge of Test and Calibration activities as the group there swings into high gear.

Don Alvey, Field Engineer, who recently completed a training and indoctrination period in Tektronix lore and products, has been transferred to Europe to assume the traveling assignments and liaison with our distributors in that area, formerly handled by **Al**. The possibility of **Don's** making application for U.S. citizenship at some time in the future will in no way be prejudiced by his assignment outside the States as an employee of a Stateside corporation. Before coming to Tektronix he was employed as an Administrative Engineer by **Livingston Laboratories**, distributors of Tek products in England, located in London. The principals at **Livinglabs**, recognizing **Don's** urge to travel for what it was, sent him to us with their blessing and highest recommendation. The latest turn of events happily places **Don** in a position to make beneficial contribution for both organizations. A real trouper, **Barbara Alvey** accompanied her husband on their return trip, leaving Portland on January 10. Their first child is expected in the not too distant future.

At Guernsey a bonded warehouse, well and carefully stocked with spare parts, will make it possible

Cont'd Col I—Page 3

FIRST OVERSEAS DISTRIBUTOR NOTES TENTH YEAR DATE

Mr. Erik Ferner, our Overseas Representative in Sweden, on December 3, 1958 passed his ten year mark in association with Tektronix. **Mr. Ferner** was a partner in the firm of Aktiebolaget Norrlandia which was selected from several Swedish electronic concerns to serve as our sales outlet in Sweden. His company on December 3, 1948 became the first authorized distributor of Tektronix products outside continental United States.

In the ensuing ten years, **Mr. Ferner** has made several trips to the United States to visit the Tektronix factory; his most recent was during the past year. He represents Tektronix now under his own name and has offices in Stockholm, Sweden.

In a letter to **Dal Dallas** late in 1958, **Mr. Ferner** took note of his long standing friendship and business relationship with Tektronix people. He wrote, "This has been ten years of the finest cooperation I could ever think of on your part and I owe Tektronix and you personally, **Dal**, many thanks for your wholehearted assistance thro these years."

"Your organization has grown enormously in size and industry all over the world and I congratulate you on your outstanding results."



Mr. Erik Ferner

My organization—altho small and far away—has grown with you. I now have four girls in the office and four boys in the lab plus one boy to handle packing and transportation. We all feel as a part more than anything else and are perfectly happy and proud to belong to your fine team.

Mr. Ferner is now building his own office, laboratory and storage building at **Brommaplan** about two miles closer to the center of Stockholm and closer to the **Bromma** airport.

In **Dal's** words, "You couldn't know nor be associated with a finer gentleman than **Erick Ferner**."

Tek Talk

Published by Tektronix, Inc., 9450 S.W. Barnes Road, Portland 7, Oregon, by and for its employees. Published the 10th day of each month, or nearest working day. Printed by Tektronix Incorporated.

EDITORIAL STAFF
Editor — Tom Williams

Composition—Doug Frouty & Leonard Webster Photography Ed Egan

CONTRIBUTING REPORTERS

- Accounting — Mary Moschel
- Administration — Maryellen Stevens
- Marketing — Em Langdon
- Production — Marybelle Rash
- Engineering — Marge Guthrie
- Export — Ruth Haugsten
- Prod. Eng. — Vern Mansen
- Shop — Reporter Chairman, Jack Clark
- Plastics — Barbara Byrne
- Test — Al Dvorak
- Panelcraft — Lea Baker
- Kit Prep — Minnie Berger
- Unit Wiring — Vi Estabrook
- Betty Van Zyl
- Marilyn Caven
- Margie Montague
- Carol Turnage
- CRT — Reporter Chairman: Twylah Stewart
- Shipping — Kitty Smith
- Instrument Service — Bob Johnson
- Manuals — Shirley Kilcup
- Offices — M.H. Wittmayer
- Marilyn Fuerst
- Purchasing — Scott Foster
- Capacitors — Ruth Lukens
- Coils — Mary Lazarus
- Ceramics — Leola Coolidge
- Field Info. — Will Marsh
- Mech. Assm. Day — Margaret Ryan
- Accessories — Reta Anderson
- Cables — Ella Beaver
- Finals — Dennis Binkerd
- Roy Hyde
- Transformers — Ken Stuart
- Stock — Don Wilson
- Flying Club — Wayne DeVaul
- Ham Club — Earle Pahlka
- Golf Club — Ed Hopper
- Rockhounds — Vern Bartlett
- Keglers Korner — Don Pratt

CUSTOMER WRITES OF TEK CHARACTER

Tektronix, Inc.
P.O. Box 831
Portland 7, Oregon
Attention: Sales Manager
Gentlemen:

This is to express our appreciation for the repair-replacement policy which your company has adopted. It is very rare in our money conscious country today that any manufacturer will continue to stand behind his product more than one year.

Your recent action in supplying us a replacement transformer at no charge has certainly convinced us of the character of Tektronix, Inc. Needless to say, the equipment quality speaks for itself in superior results.

Thank you again for your prompt service.

Very truly yours,
George P. Rankin, Jr.
President-Chief Engineer
WMAZ Radio
WMAZ-TV

This letter received recently from one of our customers has reinforced Tektronix belief that our instruments should perform over and beyond the usual expectations for electronic instruments. The good will built by our flexible policies has been frequently reported from many of our Field Engineering offices.

The warranty as described in our long form catalog is a reassuring one. "All Tektronix instruments are fully guaranteed against defective materials and workmanship for one year. Tektronix transformers, manufactured in our own plant, carry an indefinite warranty." Customers are invited to direct any questions about the warranty to their Tektronix Field Engineer.

Field Maintenance of Tektronix instruments is available as a service for our customers whether or not the instruments requiring service are within the warranty period. Field Engineers attempt to keep our customers' instruments working at peak performance so that equipment in use will always be the best possible advertisement for future sales of new and improved instruments.

Dependability and precision are qualities that are built into instruments manufactured by Tektronix people. The people that are Tektronix to our customers attempt to meet and satisfactorily cope with each new operational situation for which a Tektronix instrument is purchased. The degree to which they are successful is greatly dependent upon the instrument shipped to fill the order and the continued service rendered by our Field Service Department while the instrument is in use.

(A story about the Field Service Department is being prepared for a future issue of Tek Talk. We hope you read it and get acquainted with another group of Teks and their work—Ed.)

Tektronix Federal Credit Union ... Here To Serve You

You may not be a person who often needs financial assistance, but almost everyone these days calls on a loaning agency at one time or the other. More and more people are living better by planning their buying on a good financial basis. When you do need a loan to buy a car, appliances, furniture or improve and remodel your home, the Credit Union's plan of financing should be considered.

WHY? There could be many reasons given, such as increasing the Credit Union's income so that your savings would earn greater dividends. But, the most important reason to you as an individual would be the saving on interest and finance charges. The Credit Union doesn't guarantee a lower cost on all loans as compared to other large

loaning agencies such as banks and savings and loan associations but it can usually match the arrangements made by them within the requirements of the law.

Some examples coming to the attention of the Credit Committee most recently that point out the advisability of seeing your Credit Union first were these:

1. One employee had a loan from a local finance company in the balance of his furniture account. The balance was \$870.00 his previous monthly payment to them was \$34.00. \$7.28, only, was applied to the principal—\$26.70 was listed as interest and carrying charges.
The Credit Union charge for this particular loan for one month would have been \$8.70.
2. Another employee had consolidated his debts to pay off a \$95.00 balance. He paid \$3.00 interest on the amount borrowed for a 28 day period. **The Credit Union charge would have been 89 cents.**
3. Still another employee was convinced by an auto dealer to finance his new car through their company. **The charge on the loan amounted to \$75.00 more than the Credit Union would have charged, based on the same re-payment terms.**

As Dick Manning, Manager of the Credit Union has often said, "It's too bad more people don't come to us first to plan their financing." Sometimes it is difficult for the Credit Union to make it easier for someone who is already so involved in monthly payments that his income will not support him. For, the Credit Union must follow sound business practices to protect the savings of their members.

When you plan to make a purchase of a major appliance, a car, or anything else that is going to appreciably increase your monthly budget, a call to the Credit Union office on Ext. 327 may save you many dollars and perhaps relieve somewhat your anxiety about finances.

Presently, the Credit Union has money to loan which should be earning interest for its members. The Credit Union system works to everyone's best interest when savings deposited by its members earn good dividends from the proceeds of loans to other members whose financial picture has been brightened by debt consolidation.

The Credit Union Committee is a group of Tektronix employees elected annually by the members of the Credit Union to carry on their business. They have a sincere interest in the financial well-being of their fellow employees and invite each and every employee to become a member, save money and borrow money with their help.

Forms for opening a share account, applying for a loan or drawing from your savings are available in the Personnel Office in both plants and can be sent to you directly by interplant mail from the Credit Union.

The Credit Union office is located on Marlow Drive just off Parkway near the Cedar Hills Shopping Center. Pay them a call—before you sign on the dotted line!

BELIEVE IT OR NOT

It sounds improbable but is stated to be perfectly true that a Danish inventor, Mr. E. Hellweg, Friborg, has designed an appliance which can be fitted to any car and will make it stop if the driver smells of alcohol. The principal constituents of the appliance are an infrared lamp, a photo-electric cell and a reagent relay, which are coupled to the car's electric supply.

---Denmark Review, Autumn 1958 (Submitted as a thought provoker by Paul Hansen, Instrument Serv.)

Departments are asked to notify the Editor if Reporters named are not currently correct.

THANKS TO GENEROUS GROUPS

There is an old saying, dating back to the Biblical days "If I cannot give from my heart, I will give naught". To the employees and management of Tektronix this saying has only one meaning: "We have given from our hearts and we thank Our Lord that we are able to give to the less fortunate ones".

In my many years of meeting the public I have many times had an opportunity to see the hearts of people open up. To the people of Tektronix I can only say that your hearts did not only open up, your hearts burst with real meaning of Christmas. Truly, the Lord's blessing will be upon you for many days to come.

May the spirit of Christmas be with you always.
—From the spouse of one of your Fellow-workers.

Ed. Note: Many groups gave generously to make Christmas more enjoyable for families, some unknown to them—some very near to them. This note is very expressive of the feeling that will certainly make each individual very grateful that he gave, even though the recipient of his gift may not know whose kindness brought him happiness.

TEKTRONIX EMPLOYEE IDENTIFICATION CARD

Name	Phone
Address	Paste
City	Photo
HT.	WT.
EYES	Here
(Signature)	

A new TEKTRONIX employees identification card is now available for those whose photographs have been printed in the photo album. The new card will have the TEKTRONIX seal embossed through the photograph and the employees signature. See your supervisor or Department Head if you want an identification card. New employees may get their cards soon after their photos are printed in the album.

A CADILLAC IS NOT A THING TO SCORN—BEEP-BEEP!

This is the opinion of Tom Farmer, Sergeant in the U.S. Army stationed at Fort Huachuca, Arizona. He wrote the following letter to Tektronix requesting an operating manual for a Type 511AD scope.

Gentlemen:
I have been recently assigned to this command from the Signal School, at New Jersey.

On hand in my section (T.V. Repair) is a Tektronix scope 511AD Cathode Ray Oscilloscope. I am not thoroughly familiar with this particular one although I have operated one of your later types at the school.

Could you please forward to me at the above address, an operating manual of the 511AD type; either COD or a statement of the cost, and I will remit the price by return Air-Mail.

In closing I would like to say that I cannot see your product gathering dust, while other equipment is being used to try to perform the mission. It is like riding a Ford with a Cadillac in the garage.

The letter was given to Maurine Warneking in our Field Service department with a personal note from Dal. "Please send this man one FREE Manual".

THIRTEEN AND A HUNDRED

by Jack Clark

ALL OREGON THIS YEAR WILL CELEBRATE

STATEHOOD'S TEN DECADES TO DATE,

AND WE AT TEK WOULD LIKE TO ADD

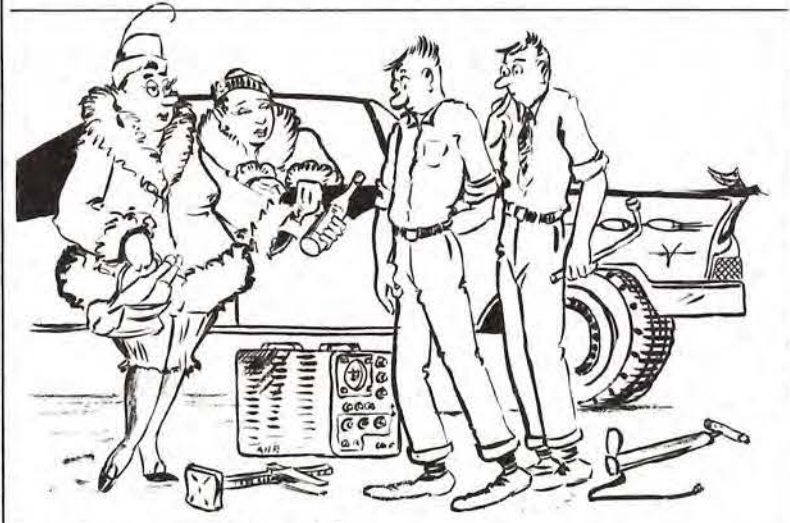
OUR CONGRATS TO OL' OREGON DAD.

ALSO, WE, THIS YEAR, CAN PROUDLY HEED

THIRTEEN YEARS SERVICE TO INDUSTRY'S NEED.

AND 'THO OUR CENTENNIAL TAKES 87 MORE,

THE THIRTEEN WE "TRACE" HAS HAPPY PEAKS GALORE!



Tony Bryan : With Harry Allison

"At the intersection of Highway 35 and the Garden State Parkway, Mrs. Gotrocks and daughter were having trouble with a flat tire. Being the friendly field engineers that we are advertised to be, Harry and I responded to the Trouble Call. After changing the tire, Mrs. Gotrocks insisted we accept a bottle of champagne each. We insisted that no compensation was necessary for our field engineering services, but to avoid a scene, we were forced to accept. (There should be more of these trouble calls.)" W/E October 25, 1958

FIELD TRAINING PROGRAM TO GET MORE EMPHASIS



SI CORN, an employee of Tek since the fall of 1954, was assigned to the Field Training program at the plant effective the first week in February. Si most recently was a Field Engineer assigned to the Palo Alto office.

He joined our growing ranks when the total population was still under 500 and spent his early days in the Test Department. Si helped set up and instruct the electronics courses for employees that have continued through the past five years, growing steadily in size. These early efforts to help fellow employees learn more about the field of electronics were carried on through the interest of Si, Harry Allison and Ken Dellinger, Eddie Richmond and others who served as instructors for the courses.

Si followed Harry Allison into the Field and represented Tektronix to instrument users for some time in the Albuquerque area where Tektronix oscilloscopes have been used in some of the top secret research investigations conducted by companies working under government and military security regulations. He transferred to Palo Alto a little over a year ago. The Palo Alto office now is comprised of Ed Bauder, Western Division Manager; Harry Allison, Howard King and Paul Magnusson, Field Engineers; Dan Senour and Joe Vistica, Field Maintenance Engineers and Margaret Johnson, division secretary who is assisted by Ada May Wilson.

The training program as it is initially described to outline Si's new responsibility has these two main objectives: "To continue to prepare potential Tektronix field engineer and maintenance engineer candidates in a manner that will permit

them to join our existing field engineering group and maintain, or upgrade, the high morale and technical standards already set by that group. To continue, and to improve upon, the very beneficial training program for customer's technicians with the end in view that each one of these people who come for help will leave here knowing that everything feasible had been done to make his stay worthwhile and enjoyable."

The training function during the past year has been carried out largely through the efforts of Eddie Richmond and Bob Sadilek. Bob will continue to work with Si. Eddie is taking a new job in the Production Department at the Beaverton Plant. Judy Giesbers has transferred from the Field Service Department to work with Si and the Field Training Group.

Included in the scope of Field Engineer Training are elements of general office management as it relates to Tek order, billing and credit procedures, philosophies and policies here at the plant and in the field and the principles of marketing as applied to our product and company. Si's proven abilities in the field and first hand experiences in customer relations are expected to give the training group a wealth of knowledge to draw from.

GROUPS TALK SAFETY

An active committee has been formed in both Tektronix plants to promote safe practices in working and to regularly tour areas to note any safety hazards.

Monday, December 15, 1958 was the date of the first meeting of the Safety Committee in the Beaverton Plant. Erwin (Ash) Ashenbrenner and John Taylor who will serve as active committee advisors for the next six months were present for the meeting. Others included Dick Montag, Wendell Ferland, Lee Miller, Grant Buchanan, George Rumpakis, Hal Busch and Dick Sakrisson. They plan to have a recording secretary at the meetings to take notes.

Thursday, February 12 the following group met with Lee Crowell acting as chairman to activate the Safety Committee for the Sunset Plant, including the Printing Department at Cedar Mill: Gordon Sloat, Ernie Plapp, Lee Karr, Lyle Curtis, Frank Thomas, Dick McMillan, Levi Brekken and John Taylor. Linda Guthrie will serve as recording secretary for their meetings.

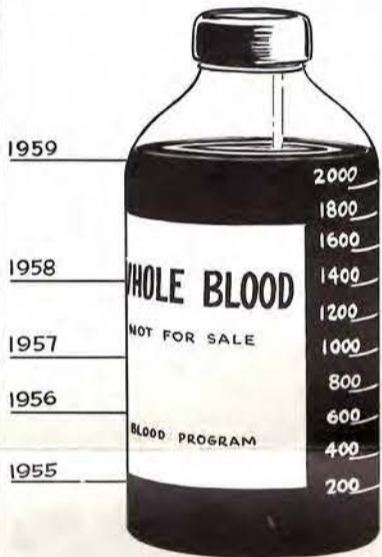
The groups plan monthly tours of the plants preceding their regularly scheduled monthly meetings. A member of the safety group also accompanies State Industrial Accident Commission people when they make plant visitations.

Lois Addington, R.N. in charge of First Aid, group insurance and industrial accident reports at the Sunset Plant, and Lucille McLain, R.N. doing similar work at the Beaverton Plant work closely with the Safety Committees under supervision of Don Kepler.

The approach to plant safety at Tektronix is based on the fact that, "Safety is Everyone's Business" and each individual supervisor is responsible for safe practices in his own area.



Marguerite "Willie" Wagner, staff R.N. for the Bloodmobile seals off another pint while the donor relaxes.



CREDIT UNION ELECTS SLATE OF NEW OFFICERS

Credit Union Committees for 1959.

At the annual election and general meeting of the Tektronix Federal Credit Union held during January in the Beaverton Plant lunchroom the following Tektronix employees were elected to serve two years. For Board of Directors: Harold Edmondson, John Mathews, Henry Scott, and Ron Bell. New member of the Credit Committee: King Handley. Supervisory Committee: Joe Dimeo and Otto Zach. Lee Crowell was elected as Credit Committee Alternate.

The Board of Directors comprised of Blanche Cook, Bob Jellum, Dick Schmidt and the newly elected members held an election and the following officers of the Board were elected. President, Bob Jellum; Vice President Harold Edmondson; Secretary, John Mathews; and Treasurer Dick Schmidt.

The Credit Committee now is made up of King Handley, Chairman; Helen Thome, Secretary; and Bob Newberry.

Supervisory Committee Chairman George Roussos is aided by Otto Zach, Secretary and Joe Dimeo.

Bill Lowery is the other Credit Committee Alternate.

These employees, responsible for financial affairs of the Credit Union got together on Monday, February 16th for group photos. Credit Union Manager Dick Manning and his staff of two girls, Marilyn Turner and Lorraine Fornshell really had a houseful when the gang all got together.

—see page two—

FIRST BLOOD DRAWING OF 1959 PUTS TEKS PAST 2000 PINTS



Four stalwarts from the Printing Department were the first in line. The bearded three: Ernie Plapp, Al Berger and Stuart Milne. The smoothie on the right is Kal Horine who sees some value in pleasing the wife. A doghouse is no place on these cold nights... eh, Kal?



Happy with the prospects of the next minutes, this crew from Capacitors with temperatures at a cool 98.6° await the blood pressure and health quiz.

Left to right: Jean Crawford, Jessie Cole, Clarice Fowler, Art Peterson.



Chairman Don Pratt and Bloodmobile staffer, Bob King line up for a mug shot. Bob sets up the gear for the nurses and chauffeurs the precious stuff back to the Blood Bank at the end of the day.



Our bearded friends made it all the way, and Al Berger assumes a thankful pose that he's got more than printers ink in his veins!



Blood pressure and health history is checked before donors are given the go ahead to pick up their bottle.



Another group of Tekns take the prescribed rest following their donation. Juice, coffee and cookies complete the routine and a couple days of increased liquid intake is all that a normal healthy individual needs to remember to put himself back in full supply of all his Pints!

The regular Tektronix Blood Bank drawing held on Tuesday, Feb. 3 transformed the Beaverton Plant lunchroom into a donating station for a day. Only 22 of the nearly 260 donors were deferred from giving blood for temporary health reasons. The remaining number piled up a score to match the drawing in November which hit around 230 pints.

Special donors at this drawing were those of type AB positive and O negative, both types were needed immediately to insure the scheduling of operations for patients requiring the special type blood. Open heart operations using the heart machine require about 30 pints of whole blood, not over 24 hours old. This blood must be obtained from special appeals, since the accumulation of 30 pints of a specific type all within a period of one day is very unlikely. It cannot be stored beyond 24 hours and still be utilized in the heart machine.

Scheduling of donors throughout the day kept the lines short and donating stations were waiting for patients as they came. A period of delay was caused inadvertently when a doctor did not appear until the 1 P.M. group had warmed their thermometers for quite a spell. The law requires that a doctor be in attendance before any blood is drawn. Medical consultants to Tektronix, Drs. Harrison and Smith of the Beaverton Clinic shared the day's duty at the blood drawing.

Regional Blood Center staffers, now quite well acquainted with the Tektronix group are very appreciative of the help they receive in setting up equipment and the consideration given by our lunchroom and building service groups in adjusting their work to take care of the temporary disarrangement of the lunchroom.

Tek Talk

Published by Tektronix, Inc., 9450 S.W. Barnes Road, Portland 7, Oregon, by and for its employees. Published the 10th day of each month, or nearest working day. Printed by Tektronix Incorporated.

EDITORIAL STAFF

Editor — Tom Williams

Composition—Dong Prouty & Leonard Webster

Photography Ed Egan

CONTRIBUTING REPORTERS

Accounting — Norma Jean Samvell
 Administration — Maryellen Stevens
 Marketing — Em Langdon
 Production — Marybelle Bash
 Engineering — Marge Guthrie
 Export — Ruth Haugsten
 Prod. Eng. — Reporter Chr. Vern Hansen
 Shop — Herb Webb
 Aloha Jernigan
 George Rayner
 Test — Al Dvorak, "Scoop Strom"
 Panelcraft — Lila Baker
 Kit Prep — Minnie Berger
 Unit Wiring — Reporter Chairman: Geoa Becker
 CRT — Reporter Chairman: Twylah Stewart
 Shipping — Kitty Smith
 Instrument Service — Bob Johnson

Manuals — Shirley Kilcup
 Offices — M.H. Wittmayer
 Marilyn Fuerst
 Purchasing — Scott Foster
 Capacitors — Ruth Lukens
 Ceramics — Muriel Cimino
 Field Info. — Will Marsh
 Mech. Assm. Day — Ina Neidigh
 Accessories — Reta Anderson
 Cables — Grace Hamlin
 Finals — Dennis Binkerd
 Roy Hyde
 Transformers — Jane Tomkin
 Stock — Don Wilson
 Flying Club — Wayne DeVaul
 Ham Club — Earle Pahlka
 Golf Club — Ed Hopper
 Rocknounds — Vern Bartlett
 Keglers Korner — Don Pratt

Departments are asked to notify the Editor if Reporters named are not currently correct.

U F GRATEFUL FOR FUND

People of the Portland Metropolitan area are being served by 71 community United Fund agencies again this year, thanks to an estimated 150,000 "Fair Share" pledges last fall.

These services make the community a better place in which to live. They include such services as emergency help for families and children, recreation and guidance for kids, and medical research.

They are essential services to the community, and they benefit all of us, directly or indirectly.

Fair share pledges made to the United Fund last fall added up to \$3,068,743. This is short by \$134,457 of the campaign goal, but about \$103,000 more than was raised here a year ago.

Contributors are reminded that their UF pledge included appeals for the Oregon Heart Association, Arthritis & Rheumatism Foundation, American Red Cross, and Mental Health Association. In other parts of the state and nation these appeals are conducted separately.

The record shows employees were responsive to the appeal made by the United Fund for increased pledges last fall.

Employees of large firms gave \$50,000 more than a year ago. Government offices and educational groups gave \$22,000 more, and smaller business establishments gave about \$15,000 more.

Funds raised in the fall campaign have been allocated by a board of directors of local citizens to the 71 UF agencies for 1959.

"Your one generous pledge to United Fund pays all 71 services," UF leaders said. "This makes sense because it saves time, effort and money. More of your pledge goes directly to work helping people."

In this, seventh year of the United Fund in the Portland area, UF leaders ask the public to support the principle of "federated giving" more than ever.

Employees of Tektronix were awarded a plaque for their participation in the United Fund drive. 87% of our employees gave directly through the Tektronix group, contributing an average of \$13.65 each in support of the 71 agencies during 1959.

A HOME FOR JOE

by Vilette Putman



Joe and Sarah Varadi

We of the Plastic Engineering Department would like to introduce one of our finest Tool & Cavity Makers, Joe Varadi who comes to us from Hungary. He is pictured here with his beautiful red-headed wife, Sarah whom he met and married after coming to Portland. Joe has a very interesting background of which we shall give you a little insight. Being of the quiet nature, let me say its hard to convince Joe to talk about his past experiences.

Joe came to America in Dec. of 1956 (Joe would naturally stop you here to tell you the exact date—Dec. 16th) after deciding to leave his home and folks in Hungary. Joe remembers back to 1945 when the Russians invaded Hungary, and at the time he was still attending school, after finishing school Joe took a job to learn to become a movie projector mechanist, and at

the same time attending a technical nite school from 1949 to 1951. His father being in this line of work made it natural for Joe to want to follow in his steps.

Joe was arrested in the first part of 1951 as being a conspirator against the Communist Government and jailed with a sentence for life. As a prisoner Joe worked making compression dies for 2 years, as those who choose to work were served more food and received better treatment. And besides Joe was eager to learn and keep himself busy.

During the Revolution the revolutionists opened the jail and Joe became a free man on November 1, 1956 after spending five years as a prisoner. After his release he visited his folks and two sisters, and after realizing the Hungarians problems were still not solved, Joe decided to leave in order to get out from under Communistic rule. Joe got to the border by train going to a Refugee Camp in Salzburg, Austria in November 1956.

At the camp you were given a choice of the different countries one might go to, and since Joe had always dreamed of America it wasn't hard for him to come to his decision. Joe arrived in America December 16, 1956 under the sponsorship of Lutheran World Federation who guided Joe wherever he went and indirectly his interest was aroused in going on to Portland.

The Red Cross workers brought Joe out to Tektronix to apply for work and was first interviewed by Ashenbrenner who referred him to the Plastic Department which was then under Model Shop in the Engineering Building. Joe recalls

YOUNG ABE LINCOLN?



See Answer page 4

CREDIT UNION MANAGEMENT COMMITTEES



Left to right: Marilyn Turner, seated; Lorraine Fornscheil and Dick Manning.—Staff



Alternates Lee Crowell and Bill Lowery.

A TENTH OF A CENTURY MARKED



Ivan Arnold



Left to right: George Roussos, Joe Dimeo and Otto Zach.—Supervisory



Left to right Bob Newberry, Helen Thome and King Handley.—Credit

Ivan Arnold's tenth year at Tektronix began with a coffee and cake break with other members of Slim Sorenson's Mechanical Services Group on January 10th.

Ivan came to Tektronix as a twenty-year old, recently separated from the U. S. Army. In the fall of 1949 he was married to Mary Ann and later on their daughter Mary Ann, now 8 years old, joined the Arnold family. The Arnolds now number 5, including Frederick, nearly 6 and Sharon Marie 4 years old.

Ivan has devoted his time at Tek to all types of metal fabrication in the Shop and was transferred to Slim's group after being for some time a Supervisor of Scopemobile production. The Mechanical Services group works in support of Engineering in the area of new instrument design. Their work eases the mechanical transition of an engineering model of a new instrument into a production instrument by cooperation with the Production Engineering Department Groups.

All of Ivan's group join with other Tek employees in wishing him well for the years past, and continued good fortune in the years ahead.

A LOOK BACK FOR JACK



Jack Henderson, This Is Your Life. (10 years of it, anyway)

Do you remember the day? It was Jan. 18, 1949 when you first walked through the door of Tektronix to start working in the Assembly Department. You didn't know it then, but you were destined to be the "FIRST" in many activities here at Tek.

Jack, let your mind drift back to the old days at the old "Hawthorne Plant". Do you remember that hot summer day when you and some of the other Tekes were working on the second floor of the plant? It was pretty hot up there, so some of the boys got together and cut a hole in the floor to let more air circulate through the room. Who was it who brought in the block of "dry ice" and a fan to cool you boys off that day?

Now, think ahead to November 1, 1951. As assistant to Bob Herren, you became the first Group Leader in the Test Department.

Then as business increased at Tek, the need arose for a watchful eye and a diplomatic personality, and you were transferred to the office as Credit Manager.

Later on, as more and more orders came in, it became necessary to set up production schedules and a system for order processing. Certain customer orders required special handling and you were given the job of "Scheduling" the orders for the production of the required instruments.

Then, early in 1957 when the repair and reconditioning of our customers' instruments became a major service problem of our Field Information Department, Will Marsh needed a man with experience in customer relations, as well as technical-know-how to correlate repairs, modification kits and recommendations from the field. So, once again Jack, you were called upon to serve your company. It has been almost two years now since you were asked to take charge of the Instrument Service Department, and I believe that it can be safely said that you have done an admirable job of handling things.

May your future here at Tek be as fruitful as the past has been. —Bob Johnson



Board of Directors: John Matthews, Blanche Cook, Ron Bell, Bob Jellum, Henry Scott, Harold Edmundson and Dick Schmidt reading from left to right.

with a chuckle the difficulty everyone had trying to understand him when he tried to tell them what type of work he wanted. Anyway he did convince them as he was hired in January 1957 as a Plastic Die Maker in the Model Shop. At the present time Joe makes all the compression dies for the Shop Plastic Department. The Scopemobile foot, knobs, and probe nose are some of his works. Joe has a fine personality and is respected by all the men who he works with everyday.

Joe personally wants to thank all the wonderful people who have guided him along the way. He also wants to let everyone know he's thankful to God that there is such a place to live as the United States.

PLATEN CHATTER

Marilyn Fuerst, receptionist at the Sunset Plant, was installed as President of the Optometric Dames Club late in January. The Dames Club is an organization of wives of optometry students attending Pacific University at Forest Grove. Fred, Marilyn's husband, had a similar honor in being elected Chancellor of a men's fraternity.

A program of Will and Prophecy was part of the entertainment planned to fetz wives of students in the departing class at an evening party on the campus. Mrs. Ken White (Barbara of our Instrument Sales Department) was one of the wives so honored.

CENTENNIAL WHISKERS GROW



Bearded Beauties

Front row: Dennis Crop, Jim Bond, Jerry Krotch, Frank White, Ron Mack. Second Row: Bill Daily, Bob Morgan, Ben Grossen, Carol Clason, Ed Davis, Denny Binkerd, Back Row: Bob Carroll, George Fulmer, Paul Morrill, and Merlin Mack.

SHOP SWEEPINGS...

Going home last week was no problem, but this week it looks like the day shift string of cars leaving the plant. At this rate, we'll need a double line too! Since the first of the year we've added 16 new people to our shop roster to help with the tremendous increase in work. Jim Fagnant is off to the U.S. Air Force as a commissioned Lieutenant for a couple of years—says he wants to come back to Tek as an engineer. Bet he does, too! We had a 10 minute surprise party on the last coffee break before he left and he was so "shook up" he couldn't get his gift open. Grand guy—we'll miss him. Speaking of surprises, swing shop is full of 'em! For instance, move to a new house, then look out! This happened to Herb Webb, and his wife just about had a button when WHAM! - the whole bunch (about 30) barged in for a surprise house warming! Oh yes, Larry Wells is still single, gals!

SCIMAREC

The group sends get well wishes to Leola Coolidge who is convalescing following an appendectomy. Ceramics is happy to welcome Stan Jensen as a new supervisor. Stan comes to us from the Engineering Department. Maxine Bergeron was elected our new Group Representative but her term was short lived. After attending one meeting she received a transfer to Customer Service.—We'll miss you Maxine! Howard Lewis will become our new Group Rep. We wish Agnes Higgins a speedy recovery from her operation at Good Samaritan. Have you noticed the beautiful diamond ring Carol Nickols has been wearing? She tells us she is engaged to Richard H. Egger F.A. in the U.S. Coast Guard. No date has been set for the wedding.

DELAYED LINES

Jackie DeWald made a weekend trip to Crescent City, California. While there she married Mr. Richard Teel and plans to move to California March 1st. Congratulations, Jackie, and lots of luck. New additions to the Coil Department are: Geneva Gainer, Darlene Blanchard, Rosetta Williams. Welcome aboard, girls!

PHOTO QUIZ

PHOTO QUIZ: The young Abe Lincoln is none other than Howard Bingham of our Finals Department. The photo was taken of Howard as an entry in the Abe Lincoln likeness contest sponsored by a local radio station. So far as we know he's the best likeness at Tektronix.—Ed.

CAPACITOR CAPERS

On December 30th, MILLER DURIS left the Capacitor Department for his new job and was presented with a briefcase which we hope will be of use to him while training as a Field Maintenance Engineer. A cake decorated with "Congratulations—We'll miss you" was served at coffee break. MARY LULOW, who with Miller was with the department soon after it was started six years ago, was here from Silk Screen where she is now working. Miller has been a wonderful supervisor and department head, and we wish him the very best of luck in his new venture.



At this time we also wish to announce that our department was under the direction of Ken Spooner. Ken came to us from the Test Department. He was with us for about three months and has now returned there to head up the department. We hope he enjoyed our group as much as we enjoyed having him. Test has sent us another Ken. Ken Hoggatt who is busy learning the ins and outs of our department. During preparations for Christmas several interesting hobbies were discovered. PAT WOOTEN could be seen knitting away on house slippers for her family and very pretty ones, too. ANN BENDER crockets beautiful doilies with colored beads worked into them. Christmas trees were made from wild teasels by several members. A beautiful pine tree was decorated by ALICE DORNEY for the Potentiometer room and JUNE DAGGETT made a very clever tree from soapsuds for the Resistor room. The angel on the door of the Capacitor room (representing the group inside, of course) was the work of our artist, EVELYN PAUL. One hobby we all enjoy very much is that of GRACE MALONE. She saves us many a trip to town by taking time to shop for special buys and bring them to us. DOROTHY FREERKSEN is back with us after 2 months leave of absence during which time she spent a week visiting relatives in Sandpoint Idaho. MAXINE SWANT enjoyed a trip to Holdstead, Kansas, with her husband, Clair, and daughter, Rita, during Christmas vacation. EDLA BORGEN traveled by bus to visit her sister in Santa Ana, California. While there, she saw Disneyland, Knott's Berry Farm and took a short trip to Arizona.

New members in our group are: Clarice Fowler, Thelma Fritz, Eva Nikirk, Marge Parkin, Lurina Young, Barbara Hart, Virginia Johnson, Judith Neeling.

Tektronix, Inc. P. O. Box 831 Portland 7, Oregon

Vivian Brown 988 S. E. 14th Beaverton, Oregon

CABLEGRAMS

The absentees from the Cable Department this month includes Marcelyn Jandreau, who has been loaned to the Personnel Office for awhile; Frances Pierce, who was laid up with a cracked knee bone, and who is now working the swing shift; Edna Alfano, who transferred to unit wiring; and Marlene Warneking who is the proud mother of Kin Anina, born February 4th, our congratulations to Oscar and Marlene. Well wishes are sent to Deanne (Seaman) and Del Morgan who were married January 31st. New recruits welcomed by the Cable Department includes; Donna Shearer, Mary Williams, Mary Pelloquin, Pat Rohan, Wanda Chandler, Helen Dillenberg, Marial Wilson, Jaunita Anliker, Pat Smith, Dorothy Garrett, Norlynn Baker, Cyrene Hardie, Carol Comstock, Maurial Phillips, Myrna Spiering, Rose Grover, Flora Voightand and Jacquelyne Leech. After a few weeks of training they will be working the swing shift which started February 2nd.

ACCESSORIES & WIRE PREP

We would like to welcome to our group the following: Eva Schlagel, Norita McGrath, Jean Campbell, Clara Martin, Beverly Moore, Marcell Tetzloff, Dee Lusby, Ruth Benson, Karen Willis, Dennis Olson, Larry Berry and Bing Cole. Also a welcome to our swing shift with Ted Buckley as the group leader. We think of you all and miss you on days. Martha Siegal enjoyed a recent vacation in California. The group had a nice card from our Christmas Family. Elenore Jacobsen dropped in to say hello. She's recovering from an operation and looks good. Hurry back to work. We lost the following people from our group: Arlene Martin to Requirements, June Forsyth to Photography and Bob Johnson to Component Engineering. Good luck to you all. Wire Prep would like to welcome Thelma Duling and Irene David to their group.

PRODUCTION TEST

Two new fathers in the Plug-in department are Keith Forney and Bill Lukens. Steven Keith, born to Mr. and Mrs. Keith Forney on January 14th at 12 noon, weighed in at 7lbs. 1 1/2oz., and was 21 inches long at birth. The new father kept the Plug-in department well informed as to the progress both before and after his son's arrival. David Carl, new son of Mr. and Mrs. Bill Lukens was born on February 9th 4 a.m. The 6lb, 12oz, boy was 20 inches long at birth. June Humphrey, who is leaving Tektronix to get married, was given a surprise send off with coffee and cake on the 30th of January.

SHIPPING NOTICES

ARRIVALS: Stewart 6# docked at Portland Sanitarium, Feb. 13th, 6:45 a.m. A boy—8#—named Benjamin LeRoy. Parents are Floyd and Roslee Stewart. New crew members to join the Shipping Crew are: Wayne H. Alder, Ronald H. Stempel

BULK RATE U. S. POSTAGE PAID Portland, Oregon Permit No. 740

FINAL ASSEMBLY

FINAL FOLLIES (DAZE) by Dennis Binkerd

Well! Along with all this beard growing, a few of our finalers have had to do a few newsy things. Gerge Rickman, Dorothy Williams, and Dennis Binkerd (that's me) had birthdays in January. George is 32, I am 22, and Dorothy is 21.(?) Jerry Eastman, Sigh!, will be married May 9th. Jerry's fiance, Joan Van De Hey, has recently started to work at Tek as a messenger in the office. Good Luck, Joan and Jerry. Kenneth Hedin has become engaged to an Army Nurse at Walter Reed Hospital. They plan to be married when her enlistment is up in a year. Gee, Ken! You'll be an adorable war bride. Bob Taylor will enter in to the Centennial spirit this summer. Bob has entered the "Centennial Rifle Match". This match will be for muzzle loaded rifles. Good luck, "Pioneer" Bob. Carol Clason has just bought a '57 Ford. Good boy, Carol. Glad you saw the light and bought a Ford.

Here are a few figures that you might find interesting about our Final Dept. Since Jan. 1, 1958, we have had 75 new Finalers. We have had 25 transfers, and now have 122 Finalers. Not bad for a years work. Two of our old Faithful Finalers have transferred to what they hope will be better jobs. Ed Hopper, the King of the Crossroads, has transferred to Field Service. Roger Noyes has gone beyond the "great walls". Rodger is now a supervisor in unit wiring. The best of luck fellows. But! While we did lose those two old veterans, we gained: John McLaren, Roy McFerran, Paul Morrill, Elroy Farsh, and Ken Fasching, all new at Tek. Bill Mayer and Jim Van Veen are also with us now after fulfilling their Military Service. That ends it for this month. Don't give in to your nagging wives fellows. Keep the beards growing.

FINAL'S CANDLE LIGHTERS by Roy Hyde

What's new on the Candle Lighter's agenda? First there are 16 more who have seen the light and have enlisted their services for the night shift. Besides this there are more new employees who are starting out right as Candle Lighters. These are: Lloyd W. Bennett, Bart A. Kamna, Rudi J. DeLukowitz, Hugh Hartley, Jr., Chuck A. McCausland, Glenn E. Pratt, Merle Nielson, Les P. Vandehey, Bill Meyer, John Mullivan, Jim Fling, Bob Banford, Marvin Baska, and Walt Peters. Joe Mondell has joined us from Parcel Post. There was the question: Why was Jim McGill on days? Did he become a turncoat? No is the answer. There was an investigation and here are the facts. Jim is buying a new home and he needed to work days for a week at the plant so that he could prepare the house to move into. It is located at S.E. 87th on the slopes of Mt. Scott. Jim says he is thinking of commuting by plane. However I believe he is only joking. Don Knowlton has many listening to his tales of his somewhat recent adventures. Don, among his other hobbies, has taken up amateur astronomy. His primary observation is the moon; secondary observation is a birth of a new galaxy (star cluster). He has been studing this galaxy for the last six months. Don has a 4 1/2 inch reflector type telescope and now is in the process of making his own telescope. He has ground his own reflector. This is very tedious. One's hair has to be shampooed, and fingernails cleaned, etc., in order to perfect a perfect mirror. One particle can destroy the whole mirror. Jim Hardisty and Jerry Gillaspay park their Corvettes side by side now in front of Final at night. Guess what they talk about all the time?



View of the St. Peter Port harbor



Approach to the plant site at Guernsey.



Left to right: Final Assemblers—Ron Renouf, Ron Loaring, Malcom Woodland and John Tongs.



Front view of the factory building.



Left to right: Alan Jefferys, Joseph Guerin—the first Guernsey Production Test men.



Al Hannmann Manager of the Guernsey facility.

PICTORIAL SALUTE TO OUR OVERSEAS FRIENDS

Guernsey, the home of a new Tektronix facility overseas is scanned in this issue by Tek Talk to give employees here in Portland and the United States at large a conversational acquaintance with the island, its people and a few employees hired to man the instrument assembly plant.

Guernsey is located off the coast of France, 220 miles from Paris and 75 miles to the closest spot on the English mainland at Weymouth. It can be reached by sea or by air. Coming by sea, you arrive at St. Peter Port, the capital of Guernsey. Although it looks much like a modern seaside resort, it still has the outward appearance of the old fishing village it once was. Coming by air, you arrive on a grass covered airport and take a bus or taxi into town. Winding country roads take you past granite cottages, some of French, some of English architecture. Then you reach the quaint town of St. Peter Port, built on a hill, which has narrow cobbled streets that, according to travel folders, "have echoed from time to time the tramp of invading armies."

The Island has a long history and it's filled with memories of the past. Truly, a vacationer's paradise. The book "Toilers of the Sea" by Victor Hugo was written about and dedicated to the people of the Island. Hugo, lived in exile from France on the island of Guernsey for fifteen years and is probably most famous for "Les Miserables".

At its widest point the island of Guernsey is only seven miles in width and its coastline is broken by seventeen bays which gives vacationers their pick of beaches.

SWEDISH ENGINEER COMES HERE FOR VISIT

Jan Hedman, an engineer of the staff of Erik Ferner, was a visitor to our factory and offices during the month of February. Jan has been with Mr. Ferner, our Sweden representative, for over two years and made the trip here to acquaint himself with some of our new instruments as well as visiting the Hewlett-Packard plant in California.

Jan told us that he was quite impressed with his first visit to the U.S. which he made by air directly from Sweden across the United States to Los Angeles. He came on to Portland after visiting the H-P plant.

Jan is 28 years old and has been married for three years to Borghild, who awaited his return to Sweden.



Jan is shown here as he discussed new instrument circuitry with Tek engineer Deane Kidd, on the left and Chuck Miller of our Export Department.



Tek oscilloscopes are assembled here for the first time away from the main factory at Portland. John Tongs of Guernsey strikes a familiar pose that could be easily duplicated in our Final Assembly department at the Beaverton Plant.

Tek Talk

Published by Tektronix, Inc., 9450 S.W. Barnes Road, Portland 7, Oregon, by and for its employees. Published the 10th day of each month, or nearest working day. Printed by Tektronix Incorporated.

EDITORIAL STAFF

Editor — Tom Williams

Composition—Doug Prouty & Leonard Webster

Photography Ed Egan

CONTRIBUTING REPORTERS

Accounting—Norma Jean Samuell
 Administration—Maryellen Stevens
 Marketing—Em Langdon
 Production—Marybelle Bash
 Engineering—Marge Guthrie
 Export—Ruth Haugsten
 Prod. Eng.—Reporter Chr. Vern Hansen
 Shop—Herb Webb
 Aloha Jernigan
 George Rayner
 Test—Al Dvorak, "Scoop Strom"
 Panelcraft—Lilla Baker
 Kit Prep—Minnie Berger
 Unit Wiring—Reporter Chairman: Geoa Becker
 CRT—Reporter Chairman: Twylah Stewart
 Shipping—Kitty Smith
 Instrument Service—Bob Johnson

Manuals—Shirley Kilcup
 Offices—M.H. Wittmayer
 Marilyn Fuerst
 Purchasing—Scott Foster
 Capacitors—Ruth Lukens
 Ceramics—Muriel Cimino
 Field Info.—Will Marsh
 Mech. Assm. Day—Ina Neidigh
 Accessories—Beta Anderson
 Cables—Grace Hamlin
 Finals—Dennis Binkerd
 Roy Hyde
 Transformers—Jane Tomkin
 Stock—George Wilson
 Flying Club—Wayne DeVaul
 Ham Club—Earle Pahlka
 Golf Club—Ed Hopper
 Rockhounds—Vern Bartlett
 Keglers Korner—Don Pratt

Departments are asked to notify the Editor if Reporters named are not currently correct.

A THINKING MAN'S AUTOMOBILE

By Chuck Gasser

The same automobile that is so necessary to our way of living presents us with a serious problem. Last year 40,000 Americans lost their lives in automobile accidents. Other thousands were crippled, thousands disfigured, tens of thousands were otherwise painfully injured. Millions of dollars worth of property was destroyed.

The automobiles that cause all this destruction are controlled by human beings. With a few exceptions, they are very much like you . . . normal, intelligent people. A moment of carelessness on your part could convert you to one of these dreadful statistics. Worse yet, a moment of carelessness by another normal, intelligent person could have the same effect. In many instances, when people destroy themselves with the automobile, they take other innocent people with them.

The National Safety Council has been trying for many years to reduce this mayhem on the highways. Dire predictions of holiday death tolls, appeals for safer driving, and highway safety education seem to have had little effect. The slaughter continues unabated.

It is evident that an entirely different approach is needed. Since the people who control the automobile cannot be controlled, the automobile itself must provide the answer.

An automobile that safely packages its driver and passengers has been designed and built. It came out of five years of research by Cornell Aeronautical Laboratories sponsored by Liberty Mutual Insurance Company. It is called the "Survival" car. Experts say that the safety features built into this car will keep its occupants safe even in a head-on crash into a bridge abutment.

In the course of the study by Cornell Aeronautical Laboratories, a

number of new frontiers were opened in auto design. The steering wheel, long an instrument of death, was replaced by a hydraulic steering mechanism controlled by levers. Windshield and rear window were made conical in shape. Folding side doors and shock-absorbing bumpers were developed. Roll-over bars and bucket seats with safety belts were adopted.

Unfortunately, we cannot buy a "Survival" car today. The automobile manufacturers, in order to prosper, must give the people what they are willing to pay for. The manufacturers are style-conscious now because style is the determining factor in most automobile purchases. However, it is encouraging to note that several of the safety features of the "Survival" car have appeared in 1958 and 1959 models.

We can help accelerate the availability of a "Survival" car. When we purchase a new car, we should seriously consider the make that offers the most safety features. And we should invest in all the optional safety devices. This will let the automobile manufacturers know, via the dollar sign which is one sign they really understand, that we not only accept but actually demand a safe car.

The "Survival" car can't come too soon. Let's hope it comes before one of us or one of our loved ones becomes a "vital statistic" by way of the automobile.

Wendell Ferland, when asked down to the Snack Bar for a cup of coffee on Friday, February 6th, was completely surprised to find the entire Unit Wiring Department on hand to honor his tenth anniversary at Tektronix.

His first reaction was surprise and appreciation for the festivities for his day. Then, noting that his whole Unit was away from their benches he good naturedly remarked—"Let's get back to work!"

Wendell started to work on Feb. 7, 1949 and can match memories with the rest of the 'old timers' who remember Tektronix at the old Hawthorne Plant at a group Representatives Meeting last year. Wendell recalled when the first assembly group putting out 511's, 512's and 513's numbered less than the representatives present at the meeting. Earlier, only three people were responsible for the total months output of Tek oscilloscopes. By the end of the first five years about twenty people were doing assembly work, doing their own mechanical, kit preparation, wiring and final assembly.

FEBRUARY...MONTH OF MANY HONORS



Paul, his ship-mates and friends.



Roger Carter with friends.



Roger Carter

Frank Hood was surprised on the occasion of his tenth year at Tektronix by a cake and coffee get together of some of his friends from the Engineering Department. Jack Murdock was on hand to reminisce about some of the early days and recall that Frank had been for eight years the Chief Engineer at radio station KWJJ before coming with Tek.

Frank's wife, Dorris added to the family spirit by sharing the recognition of her husband's tenth year.

Some of us who have not met Frank personally will recognize his name as producer of our Tektronix films. "We are Tektronix", the Cathode-Ray Tube, and the most recent, "The Tektronix Spirit" were produced by Frank. His work as a Tek engineer in helping develop and design new instruments has been most recently and singularly identified with the portable Type 310 oscilloscope.



Frank Hood



Bob Herren

Charles "Sandy" Sanford became a Tek on February 8, 1949. Sandy, as he is known and introduced to new customers as well as new friends at Tektronix, rides the electronics trails in Texas.

His tenth year was observed with a greeting card salute from his friends here at the plant, urging him on to greater glories during the next ten years.

Sandy is a native Oregonian whose radio and radar experience in the Coast Guard was a prelude to his coming to Tektronix. As a member of the Marketing Division, being Mr. Tektronix to users of oscilloscopes in the Dallas territory, he has often been referred to in letters of appreciation written by customers, helped in some way by Sandy.

Tektronix is glad to have this big man from BIG D.

On Wednesday, February 25th, cake and coffee were served to nearly 100 people in the Shipping Department in honor of Paul Belles who has been with Tektronix for ten years. As the 43rd employee, he was in charge of Stock, Receiving and Shipping. However, soon after starting here, the Stock Department became a separate function. With a goal of 80 scopes a month, shipments were running from 40 to 60. There were only three types—The 511A and 511D, the 512 and the 104, all of which were packed in wooden boxes. Cartons came into use soon afterwards.

When the Shipping Department moved to the new Beaverton Plant during April 1958, the mailing division was separated and put under the supervision of Jim Peabody. In ten years, the Shipping Department has grown to a crew of 16 at the present time.

Paul lives in southeast Portland with his wife, Wahnita, and three little Belles—David, John and Danny.

Bob Herren

For once at least, Bob Herren answered a call that was no trouble at all! His tenth year at Tek was properly punctuated with cake, candles and followers arranged by secretaries of the administration offices. Bob's wife Alvena attended the party-break and helped him cut the cake to serve the group gathered to do him honor.

Bob is probably one of the best known figures at Tektronix, responsible for the adjustment and maintenance of our complex heating and ventilating systems, paging and music systems and telephone equipment. Very recently his functions have been included in the Facilities Department headed by Dick Pooley. Bob's log book has probably recorded every growing pain that Tektronix has had.

Early in Tek history Bob was charged with the responsibility of the Test Department but as Tek grew his many varied responsibilities demanded greater attention so that to the greatest majority of Tek's he is now known for his assistance in getting more heat, more air, better music and the score of other things besides an almost every day requests for changes or new telephone installations. When most Tek's have finished their day, or on weekends, Bob's familiar blue wagon can be seen at the plant in answer to a trouble call or waiting to carry him home after things are 'ship shape' and ready to go again.



Sandy Sanford

On February 20, Gordon Sloat completed ten years' service with Tek. To commemorate this, his fellow transformer workers surprised him with a cake and coffee party.

Everyone who had ever worked for or in close association with Gordon was invited to the department so that when Gordon returned at 2:45 after being artfully maneuvered out of the area by Henry Haase and Burt Avery, he was greeted by applause and shouts of "Surprise!"

Four beautifully decorated cakes were served and ten red roses were presented to his wife, Ethel. Bob Davis presented Gordon with a gift from the Transformer and Coils Department and recalled for the group some of Gordon's colorful past history and experiences in the electronics industry.



Gordon and Ethel Sloat



World Politics Group

A stimulating educational group on American Democracy will be given at Tektronix this spring starting the week of April 13th. This group will discuss the economic, political, and social philosophies that are inherent in our American way of life. This group is another in the program that is now offering Russian Foreign Policy on Tuesday evenings here at Tektronix. This group will be open to any Tektronix employee and more information can be obtained from Marge Guthrie through Ext. 398.

FIELD OFFICE REPORTS

ENDICOTT

Kathy Foster, field secretary, sent along these snaps of the Endicott office taken during a recent maintenance course. There were no views of the front office available, most of them being in the repair section of the office.

Kerm Fleck, now in Syracuse, on the left covers a few points with Joe Sanford, Cornell University and D. Dawson of Ithaca, New York.

Bert Lozier, IBM, Endicott; Gene Sheridan, Tektronix; Val Jones, Compton Industries, Binghamton and Bill Kladke, Tektronix Syracuse.

Jim Stephens, IBM, Endicott; and Val Jones of Compton Industries trouble shooting instruments.

Maintenance courses such as this one are offered at all of our field offices for customers, technicians and engineers so that optimum performance of Tektronix instruments will be assured wherever they are used.

The present staff of the Endicott office is comprised of Gene Sheridan, Kathy Forster and Jack Bannister, recently transferred from the Test Department of the Beaverton Plant.



ST. PETERSBURG

When Field Engineers and their secretaries visit the plant, one of the fairly frequent questions asked by Tek is about the office they work in.

One of the offices most recently opened is in St. Petersburg, Florida. Field Engineer Jerry Kraxberger and Field Secretary Vida Forbes sent along some photos that give an idea of the way Tek is set up to do business in their area.

The Tektronix office is one of five occupants of a professional building. Jerry's wife, Ginny and Vida helped Jerry convert the doctor's office to their use.

The partitioning worked out quite well and cupboards which formerly housed medical supplies serve now to hold catalog materials.

Vida, in a letter to notify the 'home folks' of their new home addresses said that she and the Kraxbergers think Florida a really beautiful place, and St. Petersburg one of the nicest cities she has seen.

The Southerners, including Orlando and Atlanta have already talked of a joint meeting sometime after they are all settled and operat-buttermilk (?) and returned just in ing 'full blast'. Vida's pleased with the apartment she found. "It's three rooms and bath and about 1/2 block from the Bay—or Gulf—anyway, some body of water."



Exterior of St. Petersburg Field Office location.



Interior: Vida on the left, Jerry on the right (In case it isn't obvious!)

DAFFY DEFINITIONS...JEST FOR FUN. A REPRINT

IT IS IN PROCESS: So wrapped up in red tape that the situation is almost hopeless.

WE WILL LOOK INTO IT: By the time the wheel makes a full turn, we assume that you will have forgotten about it too.

A PROGRAM: Any assignment that can't be completed by one telephone call.

EXPEDITE: To confound confusion with commotion.

CHANNELS: The trail left by interoffice memos.

CONSULTANT (OR EXPERT): Any ordinary guy with a briefcase more than 50 miles away from home.

TO ACTIVATE: To make carbons and add more names to the memo.

COORDINATOR: The guy who has a desk between two expeditors.

TO IMPLEMENT A PROGRAM: Hire more people and expand the office.

UNDER CONSIDERATION: We're looking in the files for it.

A MEETING: A mess mulling by masterminds.

A CONFERENCE: A place where conversation is substituted for the dreariness of labor and the loneliness of thought.

TO NEGOTIATE: To seek a meeting of minds without a knocking together of heads.

REORIENTATION: Getting used to working again.

RELIABLE SOURCE: The guy you just met.

INFORMED SOURCE: The guy who told the guy you just met.

UNIMPEACHABLE SOURCE
The guy who started the rumor originally.

A CLARIFICATION: To fill in the background with so many details that the foreground goes underground.

WE ARE MAKING A SURVEY: We need more time to think of an answer.

NOTE AND INITIAL: Let's spread the responsibility for this.

SEE ME, OR LET'S DISCUSS
Come down to my office I'm lonesome.

WE WILL ADVISE YOU IN DUE COURSE: If we figure it out, we'll let you know.

LET'S GET TOGETHER ON THIS: I'm assuming you're as confused as I am.

FORWARDED FOR YOUR CONSIDERATION: You hold the bag for a while.

KNOW...STOCK

By George Khatain



Henry ("Hank") Hildahl, Working Assistant in charge of Pre-Pak (Beaverton) for the past 5 1/2 months is transferring to Comp. Test. "Hank" was given a delicious send-off with cake and ice cream. Hank's replacement will be Truman Knight.

Thanks, and a "nod of the noggin" to Bob Barber for the suggested title of this column. We in Stock have been out of print for a little while, but like the winds of March we're blowing our way back in ounce again. Here's extending a hale hello to the 3 points of the Stock Triangle—Sunset, Warehouse, and Beaverton. Although this is not a "Dear Abby" type of triangle, we do have our affairs. Why, just a couple of weeks ago Lelia Kraemer was torn between two attractions—her job and her appendix. Yep, that old smoothie, Mr. Rotten Appendix won out. What an affair! Talking about affairs, that young night owl, Jim Seeborg, has been looking suspiciously moon-struck much too often. Watch it Jim. For the benefit of those who insist on following "Dear Abby", the following is offered as a public service:

DEAR GABBY—I've been working in Stock for the last 6 months. I'm young and beautiful. I've become very fond of a handsome lift truck driver, but he doesn't seem to notice me. What approach should I use?

DEAR YOUNG & BEAUTIFUL—No approach necessary. If, like the rest of stock, you're well-stocked, he'll give you a "lift" soon enough.

We've had some mighty busy days the last few months, what with rearrangement of shelves in the Warehouse and installation of the new Allotment Order System, but as usual the so-called "impossible" has just been another challenge to be met and overcome by that indefinable spirit of the Stock family. And this is as good a place as any to offer an official and hearty welcome to our new friends who have come into Stock since the first of the year to help us do battle with packaging, requisitions, shortages, moving materials, etc. Many close friendships are being formed with:

- WAREHOUSE**
- Louise "Bunny" Wheeler
 - Les Hunter
 - Keith Herb
 - Eldon Jessup
 - Roland King
 - Joan Miller
 - Albert Pietz
 - Ellen Slyter
 - Lea Thompson
 - Edith Waltie
 - Larry Whitmore

- BEAVERTON & SUNSET**
- Alice Dahl
 - Don Heisler
 - Mary Hines
 - Galen Lewis
 - Gail Linden
 - Evangeline Moir

Diaper Alley Father's pride and mother's joy—righto, a boy! Welcome to the fold!

Name—Duane Scott
Weight—9 lbs. 1 oz.
Length—21 1/2"
Born—Friday the 13th! (3-13-59)
Parents—Mr. & Mrs. Galen Lewis

Hang on, last precious gem. Attention all veterans (Civil War included). The other day (and this information came straight from unreliable sources), a young man we will anonymously call Joe Hogan managed to work his way into the hearts of all former gun-toters. Joe, who is taking ROTC (among other courses) at Portland U called a Colonel a "Sergeant". The Colonel blushed, the class roared, and Joe—well Joe, he just laughed with the rest of them because he didn't want to be left out of the fun. Later Joe discovered his error—luckily the Colonel was good-natured. Keep up the good work Joe. We're depending upon you to help win the next war!

If anyone has managed to read this far, they undoubtedly realize there will be a new reporter next month (by popular demand). Good-bye comrades!



CENTENNIAL QUIPS

By Arnold Rantala

PRODUCTION ENGINEERING

Component Production Tooling

C.P.T. has been under staffed quite a bit of late with several people battling the flu (or perhaps they just got new Heath Kits). Lotsa beards to see these days and our candidate for champion is Lyle Kingsley. Lyle sports a bushy, all-over, off the shoulder, red (or rusty?) beard and is currently known as "Ivan the Terrible". Any challengers?

Ceramic Tooling

This month finds a few changes in our department. Oren Fowler has been promoted to Supervisor. Oren, or "Pinky" as everyone knows him, has been working in Mechanical Design Department for the past eighteen months. We all feel that he will do a good job. Also, Ray Davis has been advanced to Production Coordinator for Ceramics Production. Ray has been with us for the past eight months. We all wish him the best of luck on his new assignment.

The projects we are working on such as the new strip glaze machine and the integrated glaze system are coming along according to schedule. With these and other developments, we hope to eventually have a high speed, high production Ceramic Department.

Plastic Engineering Group

Jerry Crawford has left us to join Lee Crowell's Group. We hated to see him go but wished him success over coffee and cake served on his last day with us, February 9th.

Jay Withington joined our Resin Laboratory Group on February 9th. Glad to have you, Jay.

On February 16th, Robert Skch joined the Plastic Department as Draftsman and will work with Eugene De Shon.

Vern Barlett just recently became a member of the Society of Grandpa's when his daughter-in-law, Margaret, gave birth to a bouncing baby boy. (Vern informed us he wasn't sure if he was a bouncing baby since no one had tried him out to date.) It wasn't too many months ago on our department picnic that Vern proved Grandpas can be fun by participating in the Frisbee Ballet dance on the beach. Or were you trying to show the rest of us up?

Mechanical Engineering

Alton Johnson of the drafting section, doing machine work, is a graduate industrial engineer from O.S.C. and has had seven years experience as an industrial machine designer.

Bill Strong, a native Oregonian and a mechanical engineering grad of Oregon State College, joined our group in January. He formerly worked for Stevens Equipment Co. in Salem. Bill is a pilot and an officer in the Air Force Reserve. He is married and the father of three daughters.

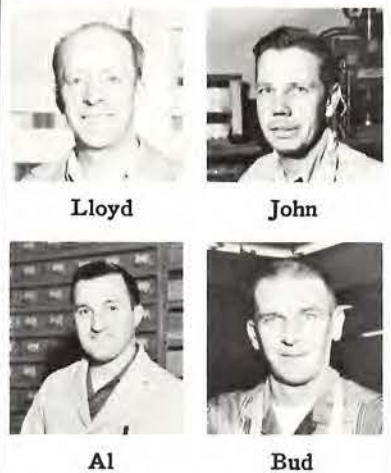
Don Stradley has left the Production Engineering Department to work with the Capacitors Department as an engineering consultant. Good luck in your new job, Don.

Oven and Kiln Department

Looks as if the new house bug has found it's way into this depart-

ment; Bill Axelsen just bought one and is planning to move into it about this weekend. Ed Stowe's place should be finished by the end of the month and Al Briggs is hot on the trail of a deluxe daylight basement lot to build on.

Hank Jones and Al Briggs found out who was the boss in their families so they shaved their beards off. They turned in their S.P.C.C.B.G. cards.



Again in this issue we present more of Bunch Dixon's Small Jigs and Maintenance crew at the Beaverton Plant.

Lloyd Smith started at Tektronix two years ago, and prior to then, he was self-employed for four years in cement and block work. Lloyd, who has one boy, enjoys wood-working as a hobby.

John South joined Tektronix three years ago. Before that he was self-employed operating a Shell gas station for three years. John has four daughters, and his hobbies are hunting, fishing and flying.

Al Spegel, who has charge of the tool room serving Small Jigs and Maintenance, and also the Production Engineering Department, came to Tektronix seven years ago last October. Before that, he was one year with National Cash Register Company; and prior to that period he was engaged for a short time in the construction business with his cousin. Al also spent two years in the Air Force and he is a graduate of Bliss Electrical School in Washington, D.C. Al has two boys and his hobbies are woodworking and cabinet making.

Bud Sundby, who came with us three years ago, previously spent ten years in construction work. Bud has three daughters and a son, and his hobbies are woodworking and cabinet making.

Small Tool Jigs & Fixtures

Bud Keim and his father-in-law were the lucky owners of special out of season elk tags. The hunting took place near Jewell, Oregon, February 21, 1959.

The big prize—2 bull elk or 665 lb. of winter grub for the deep freeze. The horn spread of the largest animal was 32 inches.

Out of ten tags issued these were the only two to succeed. One of the proud owners, on the left with a smile on his face, is Bud. The two small fry are Eskel Etling's little boys. Eskel, on right, (big game packer) works in the shop paint department. He went along to help pack out the kill. Well done Eskel—we mean Bud.



A new employee, W. Howard (Mac) McPherson has been added to our group and is working with Rod Skelton on automatic machinery. Mac, his wife, Ernestine, and four boys live in Glencullen. Before coming to work with Tektronix, Mac was in charge of maintenance and new machine building for the past four years at Precision Cast Parts. Prior to this he had his own machine shop in Multnomah for eight years. He also worked a year at American Can with Shorty Spencer and they are now working together again. Mac got his start in the machinist trade in Uncle Sam's Navy, where he spent six years, and is still in the active reserve.

It seems as though the boat show has created a lot of enthusiasm for the sportsmen. There must have been lots of free literature out there. Dick Braniff said he went with an empty pocket book but came home with a new horn for his boat. How about this Joyce, is Dick a pretty fast talker?

A good time was had by all those attending the shop Centennial dinner and dance at the Cedar Mill Grange Hall. The buffet dinner was really delicious even if some of us did get baked potato in our beards. And there were a lot of mighty pretty costumes, too. The old hall really got to rocking when the Rose Tones played the Bunny-hop. I wonder how many had bruised shins the next day?

For those who do not know what is done in Production Tooling, here is a brief view of part of the operation. The dies are made for the punch press room for stamping out and forming the chassis, brackets, shields, panels and sub panels. This is done by Hank Bullock, Howard Buzzee, Dick Braniff, Frank Barry, Dale Helibig, Bert Wheeler and Harry Abbott, who often times give a helping hand to Bert Eberly. Bert takes care of most of the repair and sharpening of the dies. They keep those presses banging away.

Bert Eberly and Herman Boll are looking forward to a big hunting season with their new Ford pickups. They're really going to be traveling in style, especially with Herman's new boat following along behind. I don't imagine Shorty Spencer will be far behind in his new Karmin Ghia when those fish begin to bite.

Spending the week March 16th thru 20th in Los Angeles at the Western Metal Exposition are "Mac" McDowell, Lee Penson, and Bill Tescher from Production Engineering; Lee Crowell, Mechanical Design, and Lloyd Davidson from Purchasing.

Mac and Lee Penson were "snapped" just before flight time Monday morn in their native costumes. They do not plan to storm Los Angeles by force, but we should not be surprised if California should petition to be accepted as part of greater Oregon after their visit.

SHOP SWEEPINGS ...



SHOP FINISHERS

The 'Really Big News' at this end of the plant was our "Spring Tonic at the Cedar Mill Grange Hall on March 7th. A nice ham dinner was a few Indians! Left to right, top first enjoyed, then the Rose Tones Orchestra following for our dancing pleasure. Also, to settle our dinners.

Kenny McKibbin and Bill Dunken exchanged places for the time being. Kenny has been at the Sunset Plant.

We'd like to welcome Al Lulow who was recently hired to work with the paint gang.

Ann Hust's mother from North Dakota, spent the winter in Calif. On her way back home she stopped and visited Ann for a week.

Aullie Vanderberg just can't wait to be on her way to Reno-March 9th. She says no visiting anyone, just a traveling!

Mabel (Virginia) Vogan transferred to the Welding Room from our Sheet Metal area.

Verl Smith has been transferred to Silk Screen from the Etch Dept.

Florence Field is brand spanking new in Silk Screen. She previously worked for the railroad. She has four children and is Grandma 3 times. Welcome to the gang.

George Riley is still taking about his big 389 series last Monday. Plus the fact the team lost 4 to the Pin Splitters. (The 1st time they lost to them tho.)

CRT—INTRODUCES



Personality of the month from CRT is Ed Cornilles. Ed has just returned from vacation... Skiing at Squaw Valley and various types of entertainment at Las Vegas (now what was it you did there, Ed?) Ed is one of the most active men in CRT. He bowls, snow and water skis, swims, dances up a storm and even does a few magic tricks on the side. He is from one of the many Tek families. His wife, Laura, is in Kit Prep and his parents are also employed at Tektronix. Ed, an amateur photographer, entertained the whole department with movies taken at work and taken at CRT's Christmas party. Right now Ed is the Prime Candidate for 'Blackbeard of CRT'. All of this means that we are pretty proud of Ed. He adds much to the employee value of the Cathode Ray Tube Department, where he works in Walt Luckenbach's Sealing and Pumping Department.

FLYING CLUB MEMBER TAKES SOUTHERN JUNKET



Not everyone is as fortunate as flyers, who can just take off into the wild blue yonder, stopping wherever they desire taking in the highlight and living the life of Riley himself.

Such a life has Doug MacKay, one of our Tool & Die Makers who has been a member of the Tek Employees Flying Club for the past half year. Doug has been flying small aircraft for about 3 years taking trips into California, Washington and Idaho.

But the last week in February, Doug took a weeks vacation using the Clubs Luscombe and flew South to enjoy the sunshine (so he tells us) of Mexico. Stopping over at Las Vegas and visiting the famed Sahara Club—losing no money but not gaining any either. Guess his fingers weren't sticky enough. He flew South to Nogales, Hermasillo, Quamis, and other N. W. Mexican cities.

On the return trip he made a stop over at the beautiful airport at Phoenix, Arizona over night and back to Oregon with no mishaps.

From the expressions on Doug's face when telling us of his trip, we gather it must have been grand.

CENTENNIAL QUIPS

By Arnold Rantala



TEK TALK



THOUSANDS SEE NEW INSTRUMENTS AS TEKS ATTEND IRE SHOW



Byron Broms and Scotty Pyle pleased with customer response at the booth.



Vivian Hardy, Bronxville office smiles for the home folks.



A panorama of one section of the display area at the New York Coliseum where Tektronix was one of nearly 900 exhibitors.



Another view of the booth with Chuck Bouffiou on the right back to back with Marvin Crouch, both busy answering questions about TEK instruments.



The Tek display booth showing the array of plug-ins. Owen Harrison on the far right.

The IRE SHOW, an annual event held in the Coliseum in New York was attended in force by TEKS from Portland as well as from the Field Offices in the Eastern Division. The show, which is the largest one in the electronics industry, lasted four days, March 23-26.

Tektronix's growth in the past year was reflected by an attendance of approximately forty of our people from the field and from Portland at the technical meetings held in connection with the show. A few of these were caught by the shutter of cameras aimed by Cliff Moulton and Tony Bryan. The total roster included the following Tekes: **Atlanta**, Chuck Bouffiou, Dan Guy and Dick Sylvester; **Boston**, John Adams and Dick Phillips; **Baltimore**, Leo Wulff; **Bronxville**, Chris Christensen (now on the Marketing staff in Portland), Vivian Hardy and John West; **Buffalo**, Ray Lisiecki; **Endicott**, Tony Bryan and Jack Bannister; **Long Island**, Owen Harrison, Edith Norton, Bill Reich and Harry Roseberry; **Orlando**, Bob Browning; **Philadelphia**, Fred Lenczynski and Dave Heffler; **St. Petersburg**, Jerry Kraxberger; **Syracuse**, Bill Kladke; **Toronto**, Marvin Crouch; **Union**, Bill Ewin, Frank Burton, Chet Harding, Dick Herdman and Bob Southard; **Washington, D.C.**, Scotty Pyle, Rollie Smith and Eb Von Clemm; **Portland**, Bob Mitchell, Cliff Moulton, Bill Polits, John Kobbe, Dusty Rhodes and Ron Olson from Engineering, Frank Kopra from Test Quality Control, Glenn Parks from Production Electronics, and Byron Broms from Marketing. W. K. "Dal" Dallas was also there, returning from his overseas trip in time to meet everyone at the show.

The best approach they have seen thus far using this technique. As researchers become interested in and involved in measurements that deal with phenomena occurring at speeds of light, the limitations of the conventional oscilloscope become apparent. The new concept depends on repetitive bursts of energy which can be sampled at a slightly different time during each occurrence. As a number of these pulses are sampled, a pattern is plotted on the face of the scope and the persistency of the phosphor screen causes it to appear as one image. Unless a different technique is found, the sampling scope seems to be the area into which much new effort will be directed.

The Type X321, an almost fully transistorized, fully portable oscilloscope, served notice on the electronics industry that TEK is thinking in this area and is capable of engineering along these lines. The X321 is about half the weight of the Type 310 portable and uses only about 1/20 the power. It compares favorably with the 310 in band width, sweep time and vertical sensitivity and is fully portable in that it has a self contained battery.

The areas in which Tektronix scopes have their greatest competition from an engineering standpoint and the competitors offering serious challenges to us in certain markets were discussed by Bill Polits from Engineering and Bryon Broms from Marketing as part of the program, "Where Do We Stand," presented at the Participative Management Meeting attended by nearly three hundred Tekes on Monday evening, April 20.

A special service to exhibitor-customers at the IRE SHOW was offered by our Field Maintenance Engineers. They made it a point to visit every booth using a Tektronix instrument in their exhibit. Not only did they check to see that the instrument was performing, but they repaired any malfunctioning instrument used in the exhibitor's display. This received much favorable comment.

Close to nine hundred exhibitors were on hand this year to show their services and instruments to approximately 58,000 visitors. The tone and tempo of the show was excellent. Enthusiasm was felt for

(continued on Page 3, col. 2)



There's Dan Guy, Atlanta



Rollie Smith, Washington D.C.



and Dick Herdman, Union



Bill Kladke starting an instrument order through from the IRE SHOW.



John Kobbe, Tek engineer, shows the transistorized X321 to Dr. Dammers, of Phillips of the Netherlands. Dr. Dammers had visited the Tektronix Plant in Portland prior to the show.

Tek Talk

Published by Tektronix, Inc., 2450 S.W. Barnes Road, Portland 7, Oregon, by and for its employees. Published the 10th day of each month, or nearest working day. Printed by Tektronix Incorporated.

EDITORIAL STAFF

Editor — Tom Williams

Composition—Doug Frouty & Leonard Webster

Photography Ed Egan

CONTRIBUTING REPORTERS

Accounting—Norma Jean Samuel
 Administration—Maryellen Stevens
 Marketing—Em Langdon
 Production—Marybelle Rash
 Engineering—Marge Guthrie
 Export—Ruth Haugsten
 Prod. Eng.—Reporter Chr. Vern Hansen
 Shop—Herb Webb
 Aloha Jernigan
 George Rayner
 Test—Al Dvorak, "Scoop Strom"
 Panelcraft—Lila Baker
 Kit Prep—Minnie Berger
 Unit Wiring—Reporter Chairman:
 Geoa Becker
 CRT—Reporter Chairman:
 Twylah Stewart
 Shipping—Kitty Smith
 Instrument Service—Bob Johnson

Manuals—Shirley Kilcup
 Offices—M.H. Wittmayer
 Marilyn Fuerst
 Purchasing—Scott Foster
 Capacitors—Ruth Lukens
 Ceramics—Muriel Cimino
 Field Info.—Will Marsh
 Mech. Assm. Day—Ina Neidigh
 Accessories—Reta Anderson
 Cables—Grace Hamlin
 Finals—Dennis Binkerd
 Roy Hyde
 Transformers—Jane Tomkin
 Stock—George Wilson
 Flying Club—Wayne DeVaul
 Ham Club—Earle Fahlka
 Golf Club—Ed Hopper
 Rockhounds—Vern Bartlett
 Keglers Korner—Don Pratt

Departments are asked to notify the Editor if Reporters named are not currently correct.

Tek Generosity Helped This Girl Through U.F. Gifts

The United Fund supports 71 community services. Among these many services are care for unwed mothers. The following is told by a typical young girl in trouble—one you helped by pledging to the United Fund.

The United Fund helped me when I needed it most.

It helped me have my baby without shame, and without everyone knowing. Next fall I plan to go back to high school, I hope a little wiser.

I thought the world was pretty dark when I first knew I was pregnant. My parents were split up, and I was a little discouraged. I did things I'm sorry for now, and I know I was wrong.

Someone told me about the Louise Home, where girls like me can go for help. It's a United Fund agency. I couldn't pay for anything, and my mother and father didn't seem to care about me. Louise Home took me in last fall. I have been living there ever since. I had my baby a few weeks ago.

I've had the chance to do a lot of thinking since I came to live at the home. I don't know what to do with my baby. I want to keep him, but I'm only 17 and have to finish school yet. I can let some couple adopt him.

It's a decision I haven't made for sure yet. What is the right thing to do? It's hard for me to decide.

He's being taken care of at Albertina Kerr nursery, which is another United Fund agency. I get to see him briefly once in a while at the nursery. I'm still living and going to school at the Louise Home until the end of the school year, so I couldn't take care of him. I wouldn't want to get any more attached to him, in case I decide to give him up.

I want to say that the United Fund has helped me. If it hadn't been for the Louise Home, I just don't know where I could have gone—or what I would have done.

Someday later I want to get married and have other children. If I do, I don't want my daughter to go through what I did.

People have been kind and understanding to me.—Thanks.

This is a personal story, based on the experience of a young Portland girl. She will bear "scars" from her mistake for the rest of her life. Every community has many girls like her—it's part of life. In the Portland area, United Fund supports five agencies which provide specialized care for unwed mothers: Louis Home for Girls, Boys and Girls Aid Society, Catholic Service for children, White Shield Home of The Salvation Army and Jewish Family and Child Service.

CRT Dept. Head Honored For Community Help



For his work with educators and community groups interested in the field of education, Derrol Pennington was recognized by the Washington County OREGON EDUCATIONAL ASSOCIATION as lay citizen of the year.

The award was given at a meeting of the association in the Tigard High School cafeteria on April 22. Derrol is a member of the Beaverton Union High School Board and is also a member of the Sunset Valley Elementary School Board.

The award was given in recognition of the stimulating leadership which he has shown in his work with people in education and those charged with problems of building expansion and budgets. This type of leadership which challenges professional people to do their best, is the most acceptable to school administrators and teachers.

SCIENTIFIC RUMMAGE

The Portland section of the American Institute of Electrical Engineers is again sponsoring a Scientific Equipment Rummage Sale. Proceeds from the sale of unwanted donated equipment go toward completion of the F.O. McMillan Room at the Oregon Museum of Science and Industry.

The McMillan room has one of its purposes the facility for counseling young people who are interested in engineering or other scientific fields of study.

Teks can do two things to help this endeavor. By calling a free pick-up of unwanted equipment, they can add to the materials available for sale at the rummage sale. The AIEE is interested in such items as: Voltmeters, Motors, Radio parts, lenses, gauges, tools and etc. Telephone CA 8-7181, Ext. 323 or 326 for further information. They will also need customers. The date is May 23rd at OMSI—4015 S.W. Canyon Road.

Three More Tek Members Join Ten Year Anniversary Celebrants



Members of the Preproduction Department and old friends from other areas of the plant joined Charles Jay on March 30 to celebrate his tenth anniversary with the company.

Jay began work at Tektronix assembling instruments, which the "old timers" will tell you was more of a start to finish operation than it is today. He had worked with John Taylor at Western Electric for over two years prior to coming to Tektronix. He had three years in the Army Air Corps before that as an aircraft electrician after graduating from Benson High School here in Portland.

Jay is now most easily identified as the fellow with a pipe in one hand and a chassis in the other going about the business of preproduction which helps make a production oscilloscope out of a newly engineered instrument.

Ed Stowe in picture at right with Helen Stowe of Ceramics



We did it again!—this time our victim was Barney Gregory, who had been with TEK ten years on March 8. His fellow Transformer workers surprised him with cake and coffee. A gift from the Transformer group was presented to Barney by Bill Webber. Barney's daughter Bev who is well known as a member of the plant messenger group was on hand with her mother, Leona to watch Daddy enjoy his 10th year party.



Letters Speak of Service

Not all of Tektronix's busy customers can take the time to write a letter expressing their pleasure at services received through our field offices. However in recent months two such letters have been selected for reprint in TEK TALK. One is from Bethlehem, Pennsylvania; the other is from Los Angeles, California.



Duncan Doane

Tektronix, Inc.
P.O. Box 831
Portland, Oregon

Gentlemen:

Your Field Engineer, Mr. Duncan Doane, paid us a visit on Friday. The quality of his services to us was such as to warrant taking the time to tell you how pleased we are.

In this day of the fast buck it is refreshing to find a man devoted to his work and one who takes the time and trouble to take care of his customer's relatively small troubles.

Mr. Doane not only corrected two defects in our Model 545, which saved us a trip to your field service shop, but he also brought us up to date on recent developments and answered a couple of questions which inertia had prevented us from requesting formally.

It was a pleasure to have him visit us.

Appreciatively,
D. C. Sprong
Head, Engineering Dept.



Bill Ewin

Dear Sir:

We have had a Tektronix RM35 oscilloscope for several months, and have been pleased with its performance. You are to be congratulated on the quality of your instrument.

The main purpose of this letter is to acknowledge the excellent service we have received from your Philadelphia office. On two routine calls your field engineer, W.H. Ewin, was able to detect minor but troublesome difficulties and correct them in a matter of minutes.

The interesting aspect of the latest incident is the fact that we had just encountered trouble in our delaying sweep and were preparing to test the tubes when the pulsed oscillator which feeds the scope became defective, and we had to concentrate on that unit. The contrast between Ewin's trouble shooting and ours was remarkable. The timing of his visits has been perfect. I am sure you get the point. Good workmanship does not stop at the end of your production line; it carries over into your department, too.

Very truly yours,
Raymond R. Myers

On March 30th, Ed Stowe completed his tenth year as a member of the Tek family. Ed started out in the Shop doing everything—punching chassis, bending shields and hand kicking louvers in all the cabinets. Then he graduated into the Screw Machine Department and from Screw Machines on to the Oven and Kiln Department. He has been in this department for a year and a half.



Bob Jellum until recently in the Accounting Department models a Beard Snood Designed and sold by Senior Craftsmen of Oregon.

INTROSPECTION RE THE BEARD

(Written by C.W. Clark, Columbia county sanitarium, in 1946 when beards were being grown for the Jacksonville celebration.)

You'd think that beard was yours —you've grown it,
You've nurtured and defended it —you own it,
You've felt its silky texture, you've admired it,
You've watched it bloom and grow as you desired it.
You did not feel that all should praise it—
Just, NOT deny your right to raise it.
Nor did you want folks to ignore it—
'Twas not for that you grew and wore it.
Your ego urged you on to do it, To sell yourself to you, you grew it.
And even though at last you've shorn it,
You feel a LIFT because you've worn it.



John Adams, field engineer from our Boston office checks on the performance of this scope which was used by National Company to indicate the accuracy of their Atomichron. The scope monitored the output of two of these atomic clocks to show any difference that might indicate any drift or inaccuracy. It turns out that the accuracy is one part in a billion or about equivalent to the loss or gain of 1/300 of a second second in a year. The Tek scope interprets the synchronous motion of the two clocks by the elliptical pattern on the face of the scope.



Cliff Moulton, Engineering—Portland, lends an attentive ear to some new ideas. Bob Sugarman is the man on his right who works for Brookhaven Labs, manufacturers of the Lumatron sampling scope.



Eb Von Clemm pointing out the surprise package of the show, the X321.



Jerry Kraxberger enjoying a listening period.



Tony Bryan, Endicott does a demonstration for a very observant visitor.



Edith Norton, Long Island takes a turn at the receptionist desk.

**I R E
ALBUM
1959**

Continued from Page 1

the future of the industry in general and the many good comments heard about TEK'S new instruments were a great morale booster. It is hoped that those who returned from the show can convey the same enthusiasm for the future to Tek's in the Portland plants that those attending the show experienced.

TEK PLANT REVISITED

Visiting Field Engineers who have a busy two weeks planned for them by the Field Training Department are scheduled to come to the plant during the coming weeks. The program will be interrupted after June 1 and is scheduled to resume again in the fall.

Most recent visitors arrived at the plant in late April. They were Ken Dellinger, San Diego; Dick Phillips, Boston; Don Clifford, Minneapolis; Paul Magnusson, Palo Alto; Chuck Bouffiou, Atlanta; Ted Anderson, Detroit; Jim Cook, West L.A.; and Jerry Kraxberger, St. Petersburg. Coming in early May are: John West, Bronxville; Earl Williams, Chicago and Duncan Doane, West Los Angeles.

Their schedules at the plant are intended to bring them into contact with people most directly connected with their operations as Mr. Tektronix in the field. However, since many of these men have many old friends at the plant it is hoped that some advance notice of their visit will allow contact with acquaintances.

Dates of their arrivals and contact with them can be gained through a call to the Field Training Department, Ext. 248.

TEK CREDIT UNION SENDS FOUR TO CONFERENCE

Four members of the Tektronix Credit Union Board of Directors attended a two-day Oregon Credit Union League Conference in Klamath Falls beginning April 10th. Attending the annual meeting were Henry Scott, Blanche Cook, Dick Schmidt and Ron Bell.

On Friday, Delegates heard a talk on "Current Legal Opinions" by Mr. Ray F. Merry, the Oregon Credit Union League Attorney. Later in the day, they attended a conference at which nominations were received for League Board of Directors.

Saturday's schedule included a legislative session, educational clinics, business meeting and a banquet. At the legislative session delegates discussed current legislative affecting credit unions. Three additional clinics dealt with such problems as public relations, collections, investments, interest rates, losses and reserves. The afternoon was devoted to the business meeting. At the conference banquet, delegates heard a talk by Mr. Irett Ferris, Treasurer of the Credit Union National Association. Dick Schmidt was elected to a two-year term as treasurer of the board of directors at the business meeting. Dick has been active in both Tektronix Credit Union and the State League for several years, he was appointed to the Tektronix Credit Union Board of Directors in 1952 and the following year he became treasurer; the office he has held ever since. He was elected to the League Board of Directors in 1955 and has held the offices of secretary and treasurer, in addition to serving on many committees.

Blanche Cook is now in her second year on the board of directors. Last year she was secretary. Henry Scott and Ron Bell are serving their first year. Ron was a member of the Credit Committee last year.

The annual Oregon Credit Union League Conference is held in a different city each year. Next year the conference will be held at Gearhart.



"I STILL SAY IT'S EASIER TO SAVE IN OUR CREDIT UNION"

TEKS TABBED TB FREE



REGIONAL BLOOD BANK VISITED BY TEKS ON TENTH ANNIVERSARY



Elaine Kinsman, Lois Addington and Chairman Don Pratt with Blood Program's tenth anniversary cake in the background.

Chairman Don Pratt, Elaine Kinsman and nurse Lois Addington visited the Regional Blood Bank in Portland on the tenth anniversary of its start. After seeing some pictorial and equipment displays showing the progress made during the last ten years in the blood program, the group went on to the Benson Hotel for a testimonial dinner given in honor of the volunteer workers and donors who have made the blood bank work.

At the last Tektronix Blood Bank drawing, the Tek pool was raised to over 2000 pints which have been given by donors here at the plant or at the regional center in Portland to the credit of Tektronix employees who may sometime require this medical service.

In recent months TEKS have been called upon to give special type blood to make possible open-heart surgeries that use an average of 25 pints of freshly-drawn blood for each surgery. The first surgery in the open-heart program was performed at the Oregon Medical School on Wednesday, April 15, 1958. Open heart surgeries are performed now at the rate of one a week. Blood is being used at such a rate across the nation that it was classified in 1951 by the President of the United States as a critical national resource.

VISIT OF CHEST X-RAY

The visit of the Oregon State Board of Health's mobile Chest X-Ray unit to the Tektronix plants is an annual occurrence which is sponsored by the Washington County TB & Health Association. Tektronix has made it possible for the units to set up at our facilities for the convenience of employees. The program is voluntary but is conducted during regular working hours.

1781 Tek's had chest X-rays taken during the two day visit, April 1-2. A gross report (individual reports are confidential) sent to the medical group at Tektronix showed that there were no communicable T.B. cases in the tested group. The chest x-rays did reveal a few conditions of concern to individuals that were reported directly to them through their own doctor.

Excellent cooperation of supervisors and department offices with the people scheduling the taking of x-rays kept delays at the mobile unit to a minimum.



Mrs. Helen Nelson, Chief Medical Technologist at the Regional Center shows where blood is first checked for Type and prepared for storage. Here blood is stored until needed by 84 hospitals throughout the area who depend on this center to make available 24 hours a day, 7 days a week this life saving product. From February 19, 1949 to February 18, 1959 648,000 pints of blood were drawn and processed by this facility.



DELAYED LINES

Have you heard! Everyone in the Coil department is pregnant. That's the rumor but it really isn't quite true. There's Bert Avery and a few of us that are not wearing the latest Spring styles in smocks.

As a matter of fact there are five who will be visited by the long legged bird this summer and early fall. One of the lucky girls is Marjorie Davis White. Marj was the guest of honor at a combined Stork shower and going away dinner at Henry Thiele's. Marj started to work at Tek Sept. 2, 1952 and resigned March 31, 1959. She is going to stay home and raise her family.

We have some new girls with us now. Welcome gals.

Darlene Blanchard
Geneva Gainer
Rosetta Williams
Delores Dickenson
Norma Nielsen
Gloria Stevens
Dorothy Rooney
Georgiana Wells
Mildred Liebig
Connie Jo McLaren
Kathryn Smith
Sharon Miller
Helen Beck

Besides new babies, we have two new mother-in-laws. Geneva Buchanan's daughter Joan (Tudy) and Gordon Bruce were married April 18th.

Virginia Cornilles' (Mrs. Harry C.) son Ron and Gaile Hainaut were married March 14th.

Rosetta Williams' daughter is visiting her from Oklahoma City, Okla.

Verna Dobson and husband motored to La Crosse, Wash., to visit Mr. Dobson's mother. Did you get to drive that new "Fury," Verna?

Connie attended a wedding of friends in San Diego, Calif. Did you catch the bride's flowers Connie?

We have a swing-shift again, until we get more room. The walls seem to close in on us more every day.

Some of us have been home with the Flu, but Mary Alice Arehart was home for awhile trying to get her white corpuscle's to behave themselves.

SHOP SWEEPINGS

The local zoo got its usual work out from our department on April 1st (All Fools Day). Just ask Cal Smith for particulars.

The office has a couple new gals. Mary Smith (seems I've heard that name before) is brand new. Welcome, Mary Alvin Fry transferred to us from Requirements. All we say is "Lucky Shop".

Sure gets confusing with Waldo Johnson's in our area. Did you hear about one buying a new car and the other paying for it? Good try Waldo E.

I heard the bowling ace, Will Johnson, picked up the 7-10 split the other night. Who was in the pit with the wire hook, Willie? At least someone can get them. Congratulations!

Wayne Strutz took a few days vacation, but no one is able to find out where he went.

Flash! Flash! Verl Smith shaved his "beard and musn't touch" off-no outs?

Another new employee, Etta Duffield, has joined the Silk Screen group.

Wally Smith (previously of the Bldg. Services Dept.) has transferred into the paint room. He replaces Leonard Miller who has left for the sheet metal group.

It seems some people have considerable trouble getting their two year old boys to retire. How about that, Bud Ward? Did you ever make the grade?

The Tek Noon Bowling League held its annual banquet at the Three Star Restaurant. 'Twas a grand affair! Helen Riley had to have the "bull" killed three times before she was able to keep him on her plate to eat. (Slightly on the rare side?) Doris Johnson was the lucky one to receive the beautiful door prize which was a bowling lamp.

CENTENNIAL QUIPS

by Arnold Rantala



FINALS - SWING

Lee Wagner made another step in progress lately. She is now in Test. Lee has been with the company 7 years. Her first step with Tektronix was in Unit Wiring, the next step was Cables and from there to Finals.

John Shaw came to work one day all "swelled up" with pride, and who wouldn't be having just been made father to a spanking new boy, Steven. Steven was born on March 16, and checked in at 8lbs. 11oz., 22 inches long.

We still have lots of new faces showing up in Finals. Among them we have Bud Wright and Clyde Mosher from Unit Wiring. These boys are making good finalers.

Also, there are some new fellows: Floyd Burke, Jay Wratten, Darrell Mayor, Eugene E. Paul, John D. Stevens, Fred Ulrich, and Jim Weseman.

TEST NOTES

Small things made news this month. Born March 30th to Mr. & Mrs. Bob Herb, was Debora Kay, 8lb. 5oz., 20½ inches in length. Acquired by Howard McCully, a new Alfa Romeo, Gwiatta Veloci. Happy Mortoring, Howard.

CAPACITOR CAPERS



Virginia Cornilles was pleasantly surprised on her 25th wedding anniversary with a beautifully decorated cake. Other gifts included a silver dish and silver charm bracelet engraved with names of her grandchildren.

A shower was given Mike Brand in honor of the Birth of his daughter Helen Kelly on March 19th. Congratulations, Mike!

Bud Larsen, son of Eleanor Larsen of Capacitors is home on 3 weeks furlough. He is stationed at Lowry Air Base in Denver.

Joe Hensley, Husband of Lillian of Resistors, underwent an 8 hour operation March 24th in which a restriction below his heart was bypassed with a teflon tube. There has been only one other known operation of this kind, and Joe is recuperating in fine shape.

Fran Kasner is on leave of absence from Resistors.

Recently seen on Television was Beth Bryan, Wife of Tony Bryan, field engineer in New Jersey. Beth was proud winner of a dinette set and a rug.

A big, belated welcome to Janet Heisler of Capacitors, George Rickman of Resistors, Roger Palm and Joel Kookan.

Ambrose Schmidlin, Husband of Veretta, was recently installed as President of Oregon Region Weimeranar Club.

Josephine Howry—President of Rose City Club.

Nita Sorensen, Daughter of Vivian, Delegate to Cherry Blossom Festival in Wash. D.C. from her home in Texas.

Old news, but Capacitors did win the match with the gals from Shop. About time for another, Don't you think?

Marcelle Buel Bowled a 227 (in one line, that is!) at Milwaukie Bowl. Nice bowling, Marcelle! In the state tournament recently, Marcelle, Katherine Bartmess took 7th place in Doubles.

The Capacitor Department is at home now in their new quarters in Beaverton, near Luther's Market. The welcome mat is out to visitors.

ACCESSORIES & WIRE PREP



We would like to welcome the following people to our group: Olga Bolin, Miriam Olcott, Kathy Hope, Gladys Baker, Jan Anderson, Shirley Slauch, Lucille Wendte, Jerry Annas, and Bud Wall.

A welcome to Roslyn Buster as the new Tek Talk Reporter and Erma Wolever as her helper.

We're glad to have June Skelton back with us again after helping in Personnel.

Edna Horine and Ellen Holmes left our group to join Kit Prep. Good luck, girls.

Martha Siegel left our department to be Gerd Schwerin's Secretary.

Congratulations for a good job well done goes to Grace Sherbeck as group representative and Mildred Deardorff as alternate. Our new one is Mickey Lehman, with Virgie Johnson as the alternate.

Wire Prep would like to welcome Joanne Rae Hill.

SCIMAREC

Wedding bells have been ringing in the Ceramics Department. Katherine (Kai-Ping) Tsang and John Wang went to San Francisco where they were married April 4th by the Catholic priest who was instrumental in securing for Katherine a scholarship to Maryhurst College when she was in Taiwan, Formosa. She was graduated last June.

John and Katherine met at the Seattle home of a mutual friend who had been a student of her father's, a law professor at the University of Taiwan. John was graduated from the University of Washington and is now an engineer in our Ceramic Engineering Department. The couple now make their home in Beaverton.

A week before the wedding, the couple was surprised with a canned goods shower given by the department. We are certain they will not have to buy any canned or packaged foods for some time to come. We all wish Katherine & John many, many years of happiness.

On April 18th, the department held a dance and party at the Metzger Hall. A good time was enjoyed by all who attended. One hundred and fifty tickets were sold. This enabled us to pay for the hall, music, prizes, decorations, and some of the food.

Games were played during dance intermissions. Winning some of the prizes were: Sherman Bell, Donna Lewis, and Dorothy McGuire—winners of the balloon dances; Connie Rohrer won the Hula Hoop contest for the girls and Clyde Giffert for the boys; the Hat Dance was won by LaForrest Snell and Pearl Turney; and, LaVerna Hopper won the door prize.

Some of the girls did a lot of work preparing for the dance and we all say "Thanks!" and hope we can have one again.

Our deepest sympathy to Agnes Higgins whose daughter passed away, and to Emma Nickol whose mother and father passed away recently.

Lillian Parker of Ceramics and Rose Duane of CRT are back from their one-week "rock hunting vacation." Their first stop was with friends in Sacramento, Calif. and with them a side trip to Reno for a bit of that "silver mining"—wonderful! The Mojave Desert country was their "happy hunting grounds" and yielded a lot of good material—mostly in the palm wood line. They visited the Calico Ghost Town near Yermo, Calif. and Virginia City in Nevada, with Reno as a final stop-off. It was such a lot of fun that they are dreaming of a like trip to another section of the country for next year.

PHOTOGS GIVEN FAREWELL



Terry Clifford



Al Croeni

Terry Clifford known to most of the plant as the "man with the camera" who tracked down new employees and took special pictures for Tek Talk in addition to all his regular camera duties in the Photography Dept. left Tek on April 22. Terry is now in the Air Force, equipped before leaving with a "dive-bombing" tool so necessary to the first week in any military establishment.

Terry had been with Tek about five years, working part time at first and for awhile in assembly. He spent about four years in the Photography Department where he was responsible for all the instrument, advertising and personnel pictures. His absence will be strongly felt.

Al Croeni is leaving to build houses on a full time basis instead of doing it on his spare time. He is on his third house now and has tentative contracts for several more this summer. Al has been in Photography about five years doing all the darkroom printing work. Al too will be very much missed.

The department had a party April 1 for both Al and Terry. Humorous gifts as well as farewell gifts were presented. The April Fool's day made it appropriate for lots of laughs in gift giving.



Shirley Lazuch and June Forsyth arranged the lunch time party and everyone brought part of the meal. June shocked everyone, including Paul Adamson and Paul Wright, the usual big eaters, by filling two plates heaped with spaghetti the first time she went through the line and then went back for seconds. However, by dessert time she had slowed down considerably.

LUNCHROOM SNACKS

The Snack Bar girls engineered a complete surprise for Elsie on the occasion of her 25th wedding anniversary with a party in Conference room B of the lunchroom at the Beaverton plant on Wednesday, April 8, after work. A large, potted camellia plant and a reproduction of Christ in Gethsemane were presented her. She was also pleased to receive a beautiful orchid corsage.

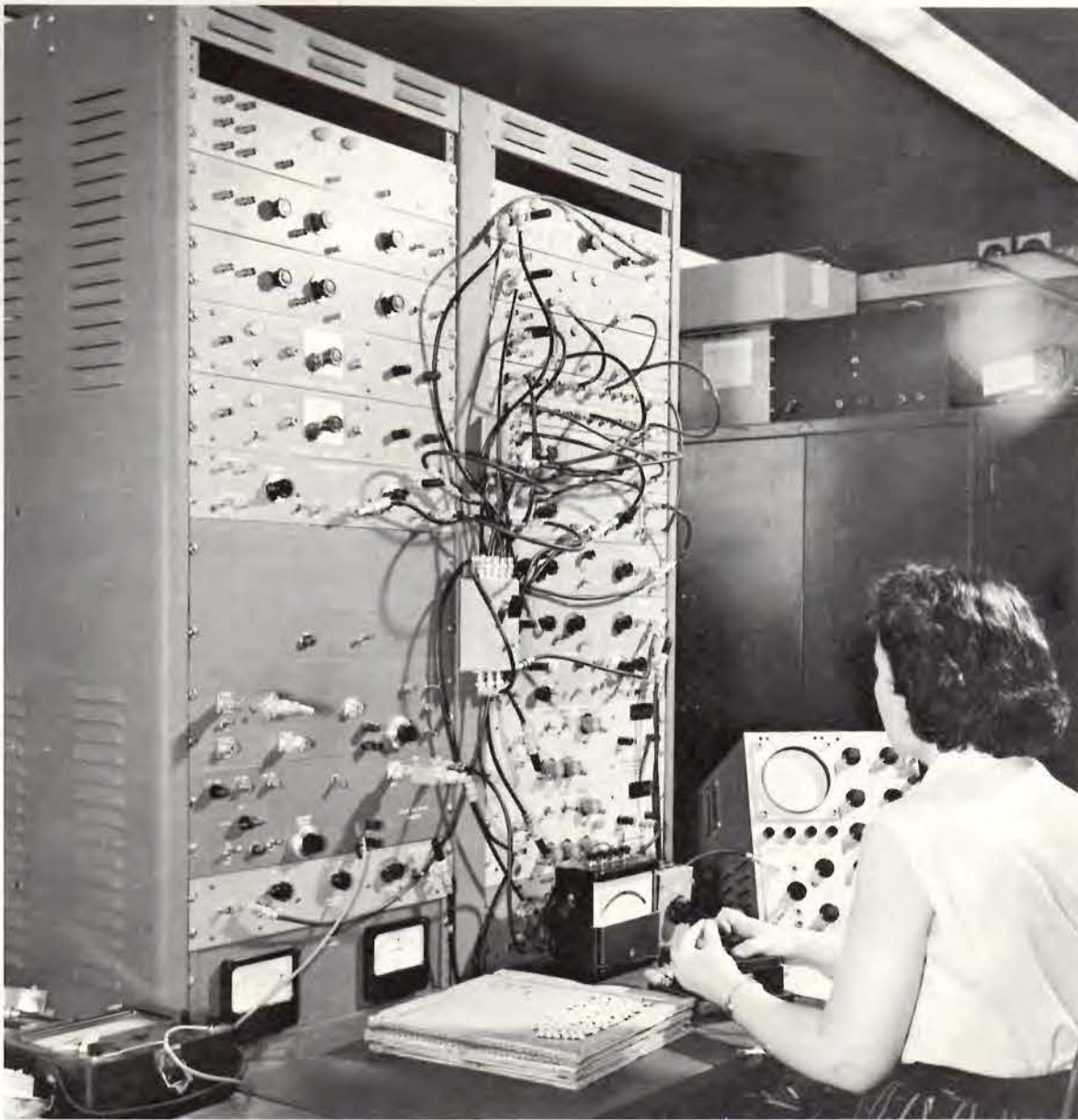
The Snack Bar girls had a surprise birthday party on March 31 for two of their co-workers, Rachael Cressy, Gladys Farah, and for Bob Fryer of Quality Pie. Gifts were presented each of the honored guests.

Elsie left Monday, April 13, by bus for San Rafael and Palo Alto, Calif. where she spent her two-weeks' vacation visiting friends and sight-seeing

Tektronix, Inc.
P. O. Box 831
Portland 7, Oregon

BULK RATE
U. S. POSTAGE
PAID
Portland, Oregon
Permit No. 740

Warren Dixon
2029 Marnel Road
Houston 24, Texas



IN USE WHERE PRECISION DEMANDS

Production testing of tape-wound bobbin cores is done with Burroughs pulse forming equipment and reflectone core drivers designed by M.I.T. The specification limits for the cores are observed by the operator from the oscilloscopic presentation of pulse test information from a Tektronix 545 Oscilloscope.

The Arnold Engineering Company, a subsidiary of Allegheny Ludlum Steel Corporation, is located in Marengo, Illinois. They supply magnetic materials which are precision-made, precision tested to the customer's specifications.

The tape-wound bobbin cores are the heart of some of today's remarkable computing machines. Precision tests such as these demanded of Arnold's magnetic materials are only a few of the many applications of Tek instruments. Providing this customer and others like them with a reliable high quality engineering tool is the continuing aim of Tektronix.

HOW ONE BECOMES A ROCKHOUND

By Vern Bartlett

If you have had a vague interest in unusual rocks most of your life, if you pick up agates and colorful rocks at the beach, if you bring home shiny souvenirs from the mountains then you are a potential rockhound!

You sometimes wonder about these rocks, how they were formed or what they are but you never quite take the time to go any further in your study. You might even have one or two outstanding specimens sitting on your mantle for all to view without knowing anything about them. When guests start inquiring about your specimens, you make a mental note to find out more about these in the very near future. Maybe the library can be of some help to you, so you drop by and pick up a book covering the study of rocks, and take it home proudly under your arm.

Up to now you have been just vaguely curious but after you get home, and really look the book over you are amazed at the contents. Who would ever have dreamed there were so many different rocks, and so fantastic and beautiful in size, shape, and colors. One fact which might astonish you is the careful way in which nature has used chemicals, heat and pressure to form these rocks. And with delicate changes in the amount of chemicals, two rocks can look entirely different yet be very closely related chemically.

This is just one phase of minerals among many phases which intrigue

you, so naturally you continue to press on in your interest. It is inevitable that eventually you meet a rockhound, and you are invited to see his collection. Now you are really carried away. The cabinets are full of sparkling crystal specimens in all manner of shape and colors. There are slabs of agate in gorgeous hues, delicate banding, plumes. Also, you will see rocks which are brilliant red or yellow, rich green in lacy bands, iridescent with peacock colors, jet black with white spots. The slabs are polished to a mirror like finish to bring out the colors to best advantage. Some crystals dazzle you with millions of little reflections. Others are dark in color and of unusual shape.

This is it!!! If this display has not impressed you, then you will perhaps never become a TRUE ROCKHOUND.

If however, you are impressed, the next step is to inquire of your friend, "How does one find all these wonderful rocks?". He immediately informs you of the different locations which is an important factor from the standpoint of all rockhounds. Since they can be found almost anywhere, in the deserts, in the woods, along the river banks, along the many beaches, and right out along the highways; you begin to realize you have been within reach of these treasures innumerable times, yet never stopping to seek these specimens out.

Of course, not all locations are easy to reach as may sound to the beginner. Some are in remote areas requiring a carefully planned trip, camping equipment, plenty of food, and a willingness to put up with

some of nature's rougher elements such as the weather and rugged terrains. However, there are a lot of places which are easily accessible which your friend may suggest to you, and better yet invite you to accompany him on his next rock trip. This is just what you been dreaming he'd do, so naturally you accept the offer graciously. You go out, coming back with your first real treasures. This find is a big thrill to the new rockhound.

This is only one way in which one becomes a rockhound. Others join a club, or after considerable study start out as a loner, or one can just hunt around without really knowing what to look for or being sure he will find anything of interest at all. The best way is to lean on a seasoned rockhound for awhile, and in the meantime read all you can on the subject of minerals, learn a little geology to help you in determining good locations, and go on all the



field trips you can with as many rockhounds as possible. In a very little time, if you are an enthusiastic individual, you will have become a junior expert finding yourself willing to help other beginners.

Our own TEKTRONIX EMPLOYEES GEOLOGY CLUB, INC. was founded by folks whose interest was avid but their experience limited. Some didn't know one rock from another for certain but they had the willingness to learn along with the incentive.

Since the inception of the club many have become fairly adept at identification of minerals in general, some have taken courses in geology and lapidary work, and most members have gathered together a fine and interesting collection of rocks. A few are cutting their finds with the diamond saw, polishing them for display or even making jewelry. Others are collecting and waiting for the time when they will own

KNOW STOCK...



Shown above is Effie Kenady trying on a pink-flowered "brunch" coat presented to her by her many friends at the Warehouse on March 23d. Effie, who has been in Pre-Pak for about 2 years, is taking an approximate one-month leave of absence to recover from the after-effects of the doctor's scalpel. April 10th is Effie's birthday and she will be 40 years old (yes, she admitted it!). This admission would have been enough to have her picture taken, but she had to do it the hard way—by the knife!

There appears to be an aura of quietness around the Warehouse at noon hour these days. Instead of the noise and slam-bang of football we now patiently witness the intricate maneuvers of chess as ineptly played by Jim Hunt and Duane Rash. My, what that thinking filter is doing to some people! But that quietness is intermittently shattered by the bombastic views of John Fontana who is of the opinion that the world is out of whack—politically, economically socially, and culturally. Also, other things manage to happen to shatter that quietness. Mr. Anonymous informed us that Milo Elkins received a whale of a big electrical jolt (enough to ruin the pliers) while cutting wires on a machine. It seems that Bob Perry said there was no juice in the machine to worry about. Don't worry Milo—this is only Perry's clever way of trying to get rid of you!

Word has it that Len McCracken finally got his Thunderbird (1956 vintage). It is green, and green with envy are the men who see the women flocking around debonair Len's car. Naturally, it's Len they're interested in! Seems that John Fontana may be getting a Thunderbird one of these days also. That's what we like, men, competition, but don't fight, there are enough women to go around. This boy-girl talk naturally brings us around to that lovelorn column brought back by unpopular demand: DEAR GABBY: I'm a young man 18 years old. I've been working in Stock for 3 months now at the Beaverton Plant. I've always been bashful around women. The other day when I walked into Pre-Pak two of the women grabbed me and held me while a third woman kissed me. What can I do to stop this sort of thing? INNOCENT.

their own cutting equipment, and some just go out to find nice specimens because they enjoy the outdoors, and all the satisfaction mother nature affords those who take time to go out.

The club is always happy to take a non-member on a trip or to a meeting and anyone who is toying with the idea of learning about rocks is most welcome whether he becomes a member or not. There will be another article in a later issue all about the TEKTRONIX EMPLOYEES GEOLOGY CLUB, INC. giving details of the membership today, activities and advantages of being a member.

Right now let us say that here is a hobby which is unlike all others, one which has an almost limitless scope and one which can sometimes pay off financially. Mostly, the hobby pays off in the good that mother nature has to offer those who like the outdoor life—the never ceasing wonder at the beauty that nature has imprisoned for man to discover along with the satisfaction of fulfilling the many interests of the inquiring mind.

DEAR INNOCENT. I just finished sending in my transfer to Personnel. We're trading places—your problem is solved!

Let's continue on in this classical manner and introduce the "Senseless Poetry Column." This particular gem we shall call:

THE PROFILE OF THE STOCK MAN

Lift that sack, move that cart
Issue that wire and empty that van
Tan shoes with pink shoe laces
A polka dot vest and man oh man.
Truck that barrel, receive that tube
Pile that carton and stock that fan
Pink shoes with tan shoe laces
A fox trot vest and man oh man
Drive that truck, expedite that frame
Store that motor and dispatch that man
Strawberry shoes with chocolate shoe laces
A rhumba dot vest and man oh man
Deliver that resistor, write that shortage
Carry that switch and inspect that brand
Wooden shoes with lead shoe laces
A smiling scho with a purple hat band!

In short, you might say, he's Tall Paul thinking through a filter while receiving mail at the Tiajuana jail.

Good heavens, who let this poet in? There's institutions to take care of these kind of people. But remember, you gotta catch 'em first.

Time for **DIAPER ALLEY**. This time we welcome to the fold:

Michael Charles Knight, born March 24, 1959 at 11:42 A.M.

Weight—8 lb. 10 oz.

Proud Parents—Mr. and Mrs. Truman Knight

For further welcoming (to the Stock Dept.) we send a hearty hello and welcome to:

Warehouse

Barbara ("Bobby") Cummins
Beaverton

Dexter Martin
Dick Adamson

Well, everthing is going along smoothly. Walt Neff and Ken Jacobsen are bowling poorer than ever. They say it takes practice! And Harding's bowling scores are about on a par with his jokes. Yes sir, you can count on Stock every time! And with these final character assassinations we shall close remembering those immortal words of Hemingway:

"Any man's shortage diminishes me, because I am involved in Stock. And therefore, never ask to know for whom the Hot Slip tolls. It tolls for thee."

Sorry, wrong quotation. This must be the right one:

"Breathes there a Stock-Man with soul so dead who never to himself hath said—I'm pooped!?"

TEK FLYING CLUB MEMBERS TAKE JAUNT

The advent of blue skies and sunny weather signaled the start of a summer full of flying fun for Tek pilots. Twenty-nine Tek took a flight to Las Vegas the weekend of May 15, bringing together Tektronix people from three field office areas as well as from the main plant.

The Flying Club members from Portland took the club's Tri-Pacer and Luscombe, with John Kobbe flying his newly purchased Cessna 170. Stan Goard (Ron Goard's brother) flew Ron down in his Bonanza. Dall flew in to meet the group on his return trip from Albuquerque. Ed Bauder, Western Division Head flew over from Palo Alto in his Tri-Pacer, as did Howard King and Dean Senour, who rented a plane for the trip. Jack Murdock flew an Aero Commander from Aero Air, Inc. in Hillsboro.

Any Tek employee is eligible to join the club and should get in touch with any of the members if interested. Membership offers a good opportunity to learn to fly at a very reasonable cost.

Achievers Take Many Honors



Jim Engdahl, Harold Miles, Vern Walker, Emil Evans and Al Foleen showing awards gained by Centex for their operation as a company manufacturing and marketing a Bingo Game.

Centex, the Junior Achievement Company sponsored this year by Tektronix, won a First Place, National Industry Award plus three local awards which included one for Achievement, Industry and the Chamber of Commerce Industry Award.

To celebrate their company's success and as a wind-up to their year of work, the Achievers and their advisors from Tektronix gathered for a dinner at Vault's ChuckWagon. Al Foleen finished his fourth year as an advisor, Harold Miles and Vern Walker, their third and Emil Evans, his second. Vern was business advisor this year. Wives of the Tek advisors: Carolyn Foleen, Margie Miles, Derrol Evans and Florence Walker also attended the "victory" dinner.

President Jim Engdahl and Sales Manager Tom Adams of Centex were chosen by advisors to represent the company at the National Junior Achievement Conference in Bloomington, Indiana, this summer. The boys received a five day expense paid trip to the conference.

In addition to the Junior Achievement awards, the company had the distinction of being the second winner of a 100% Attendance Award sponsored locally by the Portland General Electric company.

Late in May, the Future Unlimited banquet which annually honors Junior Achievers had as its principal speaker E. D. Maloney, vice-presi-

TEK STORY TOLD AS OREGON CELEBRATES 100th ANNIVERSARY

Early reports from visitors to the Tektronix booth at the Centennial have been most complimentary. This is reassuring to those that tried to compress the story of a company whose facilities now cover about a third of a million square feet into a booth 20 by 30 feet.

The booth features an automatic slide presentation which tells the story of Tektronix with an accompanying synchronized tape commentary. A world and United States map pinpoint the facilities of Tektronix serving customers around the world. The production of our fine instruments is portrayed with actual parts and photographs of hands doing many types of work typical of many departments. A "live" Type 310 is used to give visitors a look at the audio characteristics of their voice interpreted on the face of its CRT. See for yourself, when you visit!



OVERSEAS DISTRIBUTOR VISITS TEKTRONIX PLANT

Mr. M. C. Koning, Director and part owner of C. N. Rood n.v., our distributor in the Netherlands, was a visitor at Tektronix earlier this year. Mr. Koning manages the Technical Department of his organization which was made a Liability Corporation in January, 1957. As manager of this department he supervises the work of eight engineers and takes care of the marketing of instruments up to the time invoices are written ordering shipments to their customers.

Mr. C. N. Rood, sole owner of the company prior to its incorporation, concentrates on the musical recording portion of the operation. The bookkeeping and shipment of their various instrument lines is handled on a general basis for both divisions of the company.



Mr. Koning's picture was taken with Marge Hazen during his visit in the Export office.

Mr. Koning mentioned that they consider Tektronix instruments a main line and have two sales engineers who represent us to customers in the Netherlands. As Tektronix attempts to do for our customers, C. N. Rood n.v. does for theirs—a twenty-four hour service to keep them satisfied with the best instruments and replacement parts.

C. N. Rood also represents Hewlett & Packard and Electro Measurements, which are familiar names to Tektronix people. They are distributors and representatives for about sixteen other lines in the electrical and electronic fields.

RESEARCH ENGINEER VISITS FROM SWEDEN

One of our fine customers from Sweden visited at the plant early in June. Mr. L. Haapanen, Electronic Engineer at the Physiological Institute of the Caroline Institute in Stockholm was here to discuss instrumentation with our engineers. He is primarily concerned with the design and manufacture of electronic equipment to be used in physiological research work.

Mr. Haapanen has been with the Caroline Institute for several years and has designed several electrical and electronic instruments used there. Erik Ferner, our Overseas Representative in Sweden, wrote to confirm arrangements for the visit.

6 THE OREGONIAN, SUNDAY, MAY 22, 1949

70 Oscilloscopes Monthly Built Here By Firm Engaged in Tektronix Industry



Ivan Arnold, left, 2741 S. E. 87th avenue, and R. J. Davis, 1704 S. E. Lexington street, assemble complex parts of a delicate electronic measuring device in Tektronix plant.



Howard Vollum, president of Tektronics, inspects "one of the simpler" oscilloscopes in process of manufacture in East Portland plant of the fast-growing new electronics industry.

television industry. (scopes ar i to meas character ed by tel waves tr stations, a determ quality reception in major es through are eve ng sold to our osci not onl twice ore and ir uses.

Trij Wo y Stu nt

Mar senior and c Stone 1010 aven noun day of a trip M won trip tion g r me ch ish ty. the ra th will be by J teach Faulk, shingtor er of M ulk, 9th s an- atur- inner month xico. Faulk \$500 npeti- other tin g of the Span- ish society for ard is by so sales a will be by J teach Faulk, ar-old school Mrs. uret Faulk members tations. panied on tuth Peck, the school.

TEN YEARS AGO AT TEKTRONIX

This clipping taken from the Sunday Oregonian will give new Tekers a glimpse of the "early days" and will probably also serve as a reminder to "old timers" that this is the "stuff" of which our business is built.—Ed.



Paul Belles, Bob Fitzgerald, Howard Gault and a big daily shipment of nine years ago.

Tek Talk

Published by Tektronix, Inc., 9450 S.W. Barnes Road, Portland 7, Oregon, by and for its employees. Published the 10th day of each month, or nearest working day. Printed by Tektronix Incorporated.

EDITORIAL STAFF

Editor — Tom Williams

Composition—Doug Prouty & Leonard Webster

Photography Ed Egan

CONTRIBUTING REPORTERS

Accounting—Norma Jean Samuell
 Administration—Maryellen Stevens
 Marketing—Em Langdon
 Production—Marybelle Rash
 Engineering—Marge Guthrie
 Export—Ruth Haugsten
 Prod. Eng.—Reporter Chr. Vern Hansen
 Shop—Herb Webb
 Aloha Jernigan
 George Rayner
 Test—Al Dvorak, "Scoop Strom"
 Panelcraft—Lilla Baker
 Kit Prep—Minnie Berger
 Unit Wiring—Reporter Chairman:
 Geoa Becker
 CET—Reporter Chairman:
 Marie Frazee
 Shipping—Kitty Smith
 Instrument Service—Bob Johnson

Manuals—Shirley Kilcup
 Offices—M.H. Wittmayer
 Marilyn Fuerst
 Purchasing—Scott Foster
 Capacitors—Ruth Lukens
 Ceramics—Muriel Cimino
 Field Info.—Will Marsh
 Mech. Assm. Day—Ina Neidigh
 Accessories—Reta Anderson
 Cables—Grace Hamlin
 Finals—Dennis Binkerd
 Transformers—
 Arlyne Wohlgenuth
 Stock—George Khtaian
 Flying Club—Wayne DeVaul
 Ham Club—Earle Pahlka
 Golf Club—Ed Hopper
 Rockhounds—Vern Bartlett
 Keglers Korner—Don Pratt

Departments are asked to notify the Editor if Reporters named are not currently correct.

Employee Donors Are Appreciated



Paul Bird, Regional Manager of the Red Cross Blood Center, awarded employees of Tektronix a Certificate of Appreciation for their participation in the Tektronix Blood Bank, which has received much favorable comment from the Regional Center staff during the years of its operation.



From left to right: Galloneer Cliff Wilson, Bill Webber, Paul Bird, Tek Blood Bank Chairman Don Pratt and his aide-de-camp, Galloneer Elaine Kinsman.

Tektronix Recreation Committee



THEY'RE PLANNING THE BIGGEST PICNIC EVER! From left: Harlow Loucks, Don Pratt, Bill Barnes, Jean Jackman, Eleanor Ross, Betty Whiting and Aloha Jernigan. Not in the picture: Bob Newberry and Bob Hart. **TEK'S 1959 RECREATION COMMITTEE.**

The Tektronix Recreation Committee is composed of nine members. Every four months one new member is elected for a three-year term. Nominees are considered from a list of those who have expressed an interest in serving on the committee.

The Recreation Committee was formed for the purpose of encouraging and fostering all recreational interests and activities at Tektronix, Inc. Although they meet regularly each month on the second Wednesday to discuss other recreational activities, the biggest job of the year is the planning and management of the annual picnic.

Much work has already been done on the picnic but there is still a lot to be accomplished and the Committee has asked that anyone interested in really doing a job on the 1959 picnic please contact one of them. (They work like dogs!)

THERE ARE WHISKERS TO GROW—BASEBALL TEAMS TO ORGANIZE—AND CENTENNIAL COSTUMES TO PLAN—LET'S GO!

FOURSOME ADDED TO TEN YEAR GROUP

Ray Greco of our Production Engineering Department reached his ten-year mark with Tek on May 16. He began work at Tektronix in the Transformer Department after working for awhile with Western Electric as an installer and as an electrician with Oregon Ship and Willamette Iron and Steel. Also, an interim period was taken up with duty for Uncle in the U.S. Army. Ray is a Benson High graduate with additional years at Multnomah College in radio courses.

Ray's wife Goldie was on hand to help him celebrate the occasion with members of his department. Goldie is also a Tek in the Capacitors Department.

Near twins in their time at Tek are Chuck Nolan, who heads up the Special Instruments Group, and Jack Day, an assistant to Bill Webber and Coordinator of Communications.

Chuck came to the Engineering Department as a full time Tek employee after his graduation from Oregon State as an Electrical Engineer. He was an RT with the U. S. Navy during WW II and attended schools in Portland prior to his naval service.

Jack took a turn at Field Engineering, opened up the Field Office in Boston and returned to the Engineering Department in Portland where he worked prior to his transfer to the Administration Division as a technical assistant to Bill Webber. Jack is also an ex-Navy RT who took additional college training in Physics at Reed College.

Juanita Nolan and Marjorie Day came to the plant on D-Day 10 to honor their 'veteran' spouses.

Virgil Hall, at present in our Production Engineering Department, joined Tek the same day that Chuck and Jack cut their teeth on the Tek cornerstone.

Virgil grew up on a farm in Weston, Oregon, spent many years in charge of a grain elevator, worked in the building trades and automotive repairing, and came at last to Tektronix where he put his skills to work in the Shop.

He was honored at a coffee break get-together arranged by his PE group.



Ray



Chuck and Jack



Virgil

Kudos To King

Robert J. Hendrickson, Electronics Instructor at the DIABLO VALLEY COLLEGE, wrote Tektronix early this year to report on the presentation given an Industrial Electronics Technician class by Howard King, Field Engineer from our Palo Alto office.



He said, "In my five years of teaching in this field and having guest speakers assist from time to time, I have never witnessed a finer presentation. . . . It is my hope that your office will continue to make men of his caliber available for this type of service. To do so will be to our mutual benefit; the students, technicians and supervisors of the future become firmly convinced that Tektronix's line is the one to buy while the instructor is helped not only with a substitute lecture but also by being upgraded himself in the proper use of quality equipment."

In acknowledgement of this compliment, Ed Bauder, our Western Division Manager, responded with a letter from which these paragraphs are taken.

"Since the very beginning of Tektronix, it has been our firm belief that our success would be assured if we could provide our customers with the finest instrumentation possible, supplemented by a willingness to provide the industry with a service that we hoped might earn the envy of even our competitors.

"This policy is, of course foremost in our minds when we select Field Engineering personnel. We would like to think that Howard's performance is typical of our field engineering people."

CUSTOMER PLEASED



Sandy

Dear Sandy:

This morning I had the opportunity to talk to the fellows at KFDA in Amarillo. In the course of conversation I was asked to convey to you and your fine secretary their sincere appreciation for the help rendered to that station to secure their 545 scope that accompanied their Ampex tape recorder.

Bill Smith asked me to be sure and let you know that this was not an ordinary run of the mill statement of appreciation but one very sincere and gracious. Mrs. Kathryn Kirtrel certainly made some very fine friends and gave an assist that otherwise was beyond her normal duties. The results of this kind of excellent handling has already netted you some return from this station, but in general they miss no opportunity to sing the praises for her and your fine group.

It is this kind of good feeling that makes it a pleasure to deal with you and the Tektronix Company.

Very Truly yours,
R.F. TULLIUS
District Representative
Broadcast Equipment



Kathryn

A Tall Texas Tale

Dateline: Convair, Forth Worth, Texas. D. D. Johnson, Aerophysics Lab.

Charles Sanford reporting!

Discussed P410 probes, Type 123 Preamplifier and related maintenance problems. Here, I must relate our experiences with Type 123 Preamplifier. Customer was interested in viewing the interior of the 123, so I removed the cover, only to have thousands of tiny ball-bearings fall out of the 123. Johnson said, "What are those brown seeds doing in the 123?" I replied: "If I tell you the truth, you won't believe it." By this time several men were gathered around us in the Vendor's Lobby where we were talking. Then I finally told him that the small brown "seeds" were actually the heads of ants, and he was dumbfounded as I knew he would be. Next question: "How did the heads of ants become a part of our Type 123 Preamplifier?"

You see—I had some warning—for several thousand of these ant heads had been previously found in my dictating machine which I also carry in my brief case. Never in my 25 years in the electronics field have I been more surprised in running down the trouble. So far, the only theory I can advance is that a medium sized spider had made his home inside my dictating machine and also the preamplifier. During his residence, Mr. Spider, whose mandibles were not strong enough to crush the ant heads, devoured the bodies of thousands of ants and left behind the truly astonishing residue.

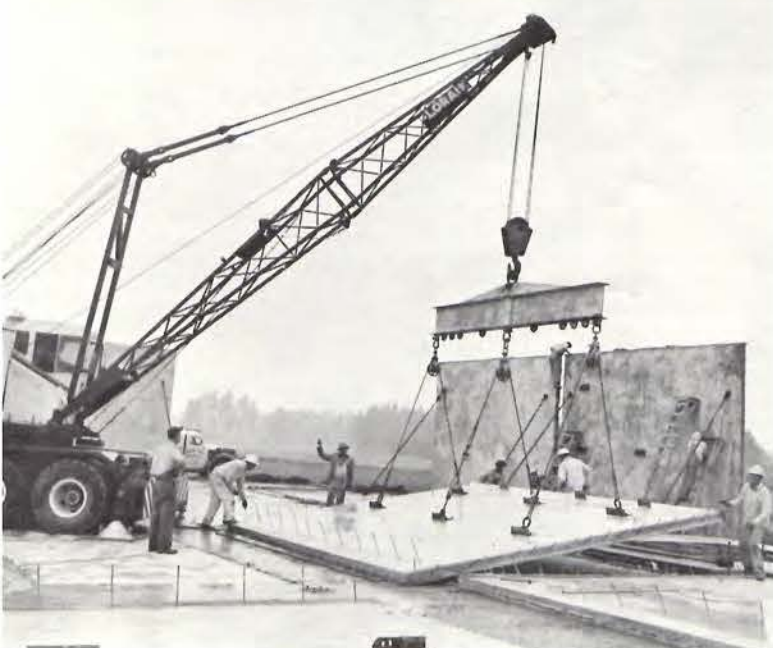
"TRUTH IS STRANGER THAN FICTION."

**MARK
THAT CALENDAR
AUGUST 8th
TEK PICNIC
PAT'S ACRES**

Teks who participated in the start of the Lawrence Vollum Artificial Kidney Fund in 1954 will be interested in knowing that a report on the University of Oregon Medical School's first artificial kidney was included in Report to Alumni of November 1958.



▲Dr. Raymond D. Grondahl, chairman of the department of clinical pathology, explains the function of the Travenol artificial kidney to Mrs. Orville H. Fisher, president of the Progressive Business Women's Club of Portland. The club contributed \$600 to the Lawrence Vollum Artificial Kidney Fund for purchase of the machine. Management and employees of Tektronix, Inc., Portland electronic firm, started the fund in 1954, following the death of Lawrence Vollum, a company executive, from carbon tetrachloride poisoning. No artificial kidney was available in Portland at that time. The first "kidney" in Oregon was "homemade" by UOMS doctors in 1956 to treat a patient who had gone into shock following surgery. This apparatus was used until the new commercial "kidney" was purchased about a year ago.



Construction of the 32,000-square-foot light manufacturing building for Tektronix Retirement Trust, which was begun in early April, is moving steadily ahead toward the delivery date of August 15.

These photos show the early phases of concrete work and rather recent tilt-up of walls. Laminated wood trusses will span the width of the building to carry the framed roof. Architect for the building is John C. Gardiner and contractors are Monson & Sivers Company.

Two thousand square feet of office space will have a folded-plate roof which will give it a saw-tooth appearance.

Stock Dept. Tells Of Talents

One of the more popular pastimes in the state of Oregon, and growing more popular every year, is the art of square dancing. There is at least one square dance club in every town in Oregon with dozens of clubs active in the Portland area. And the main driving force and inspirational head of each club is the "Caller".

The Stock Department is able to boast of having within its ranks one of those "Hoedown Headmasters", namely, John Harris, who works in the Warehouse Transportation Section. John is pictured here calling at the Marshland Grange Hall in Clatskanie, where he frequently calls for the "Clatskanie Promenaders". John oftentimes averages calling once a week at various dances and whenever called upon to do so. At an evening's call he will average 25 to 30 calls over a 4 to 5 hour period.

One would expect that John's physical conclusion at the end of an evening of vigorous calling would be "bushed". But John, being a dedicated caller, is so engrossed in his fascinating sideline, that he merely shrugs off any intimation of calling being classified as work. In 1958 the annual Oregon State Festival was held in Springfield, Oregon. This is a three-day affair wherein square dance clubs come from all over the state to dance. At this particular "shindig" there were approximately 4000 dancers in attendance. John had the privilege and honor, along with many other callers, of being chosen to call at this affair. John just happened to "drift into" the calling game. He had previously been an avid square dancer and along with the necessary desire, he started out slowly as a guest caller at different places and gradually progressed up the ladder—now possessing 3 years of varied calling experience. John likes to use both the "Singing" calls and the "Patter" calls, mixing both types generously during the course of an evening. For the benefit of the uninitiated, "Patter" calling is done to beat (rhythm) rather than melody.

This is the "hoedown" music one generally associates with square dancing. "Singing" calling, on the other hand, is done to the melody of popular songs that have been rephrased and reworded to square dance time. Of the two "Singing" calling is the easier in that constant thought need not be given to phrasing and timing in relation to where the dancers are as is necessary in "Patter" calling. John is planning on giving lessons this Fall, so anyone who wants to learn square dancing should feel free to contact him at any time. A do-see-do and away we go!

IN BRUSSELS THEY CELEBRATED FIVE YEARS WITH TEKTRONIX



The Schoepp family, the people of Regulation-Measure and their families at a recent party in honor of their five-year association with Tektronix. The original photo, which identifies each of the thirty-four present, is posted in the Export Department at the Sunset Plant.



HOBBYIST PAR-EXCELLENCE! Pictured above is Eldon Jessup, who works in the Ware-

house Issuing Section on swing shift. The "boat" in the picture is an exact replica of the U.S.S. Constitution (Old Iron Sides), for which Eldon was awarded Second Prize in the 1957 Multnomah County Fair. This is one of three ship models that Eldon has built, a hobby he has been pursuing since 10 years of age. Let's dig a little into the interesting construction details:

Much of the detail was taken from a copy of the original plans found at the Public Library. The deck is laid with 350 individual random length planks, 3799 dead eyes used on the rigging. All bow and stern decorations are hand carved. The 22 deck cannons are mounted on deck with double sets of block and tackle. The 3 whale boards and launch are constructed in the same manner as the originals with ribs and plank siding. The full model is constructed with bass wood (for its straight grain properties). Total construction time—2000 hours.

The pistols in the picture are a matched pair of flint locks from his large collection of antique firearms, dating back to the period when the Constitution was sailing the seas. As if this wasn't enough to occupy his spare moments, he has another hobby—Photography. He uses this hobby (specializing in taking wedding pictures) to finance his antique firearm collection.



OFFICE OPERATIONS

The Employment office is keeping up with the Tektronix trend of "hide and seek". The staff is now all in one "cozy" location again—The Cedar Hills Shopping Center.

Maryellen Stevens, secretary in Administration, recently did some modeling at Meier & Frank for the Key Women's Council, and some have seen her picture in the Oregon Journal in connection with this.

Marilyn Turner turned up missing in the Credit Union, but we found her in the Accounting office where she has recently transferred. Bob Swanson, formerly in Stock, filled the vacated chair previously used by Bob Jellum who has transferred from Accounting to CRT.

TEST NOTES



CHET TRANSFERS!

Swept up in a whirl of social activity, the test department had two cake and coffee parties. One occasion was Chet Murphy's transfer to Marketing. Chet's vivid paintings of Oregon coast scenes hang in many parts of the plant. Other occasion



was Sue Silva's retirement to become full-time homemaker. (She transferred to Supermarketing.) Sue was showered with flowers and gifts. Bon Voyage party with cake and coffee was held for Bill Herrick, who left to go to Paris. Bill and his wife, the former Miss Colette Salesses of Paris, flew to San Francisco June 30 to board a plane on the polar route for London. From there it was a short hop to Paris. They'll visit Colette's family and study the possibility of moving permanently to Paris. Mrs. Herrick has done excellent work teaching French to 5th and 6th grade pupils in Cedar Hills and Barnes schools.

Dale Weber became supervisor of swing shift scope calibration group. Congratulations.

Jack Gaeth reported arrival of a baby boy, Gary John.

Ron Lang welcomed a baby girl, June 5. Julie Ann weighed in at 8 1/2 pounds.

Marj and Don White have a new baby boy. We wish you luck with him, Marj!

New Girls Mary McMillan Carolyn Carrico Bernadean Martiwick Loretta Boswick

And Boys Jim Anderson Warren Dalziel Dave Coffey

58-59 BOWLING WINDUP



The winning team of the Men's 6:30 League was the Intermittents. Top from left: Neil Skinner, Hal Busch, Ken Hoggatt and Chet Murphy. Bottom from left: Robert Bellamy, Dave Heizenreter and Leonard Nelson.



Trophy Winners: Jim Zika, High Series Hdcp.; Harlow Loucks, High Game Hdcp.; Joe Reeder, High Series, and Roy Eckelman, High Game.

TEKTRONIX VS. SAWYER'S TOURNAMENT



The trophy wasn't there, but the ball in hand served in its stead! Herb Miller and Dee Robinson present the ball to Dorna Maynard, Ed Hopper and Evelyn Meyer of Tektronix. The day was Tek's!



Out to do battle with the Sawyer Clan were these master bowlers. Top row: Wayne James, Bill Barnes, Joe Reeder, Roger Carter, Ralph Show, Rod Skelton, Miller Duris.

DELAYED LINES

Knowing that everyone likes to eat—we will begin with food. To celebrate our new girls starting to draw profit-share, they treated us to a wonderful lunch. We had fried chicken with all the trimmings right down to fresh strawberry shortcake and real whipped cream. Thank you, Girls!

Mel Craven's husband surprised her with a party for her birthday and twenty-six friends wished her well.

Maggie Kilgore was bitten on the foot by a BLACK WIDOW spider while in her own back yard a few weeks ago. After two weeks at home her foot and leg are still swollen. Don't feel too bad, Maggie, the poor little spider will most likely die.

Georgia Wells' pretty white skin turned red! She suffered a bad burn while at the beach—an object lesson for sun worshippers!

Millie Liebig's ten-year-old son Peter flew to Waikiki, Oahu, in the Hawaiian Islands to spend a year with his grandmother. He will attend school at Haula. A niece of Millie's is coming here from Hawaii to stay with her and attend college.

Marj and Don White have a new baby boy. We wish you luck with him, Marj!

New Girls Mary McMillan Carolyn Carrico Bernadean Martiwick Loretta Boswick

And Boys Jim Anderson Warren Dalziel Dave Coffey

CABLES



Some of the girls in the Cable Department presenting cake to their new boss, Jim Tennyson, and wishing him well. The camera has captured the long and the short of it.

ACCESSORIES

Bridal shower was given for Joanne Everest preceding her marriage to Richard Jones of Portland. She is now back at work. Best wishes for many years of happy wedded life.

Eleanor Jacobsen and family left in June for Minot, N. D., to help her parents celebrate their golden wedding anniversary.

Our department has grown immensely. Recently joining are: Laverne Eicler, Sharon Tuchalsy, Beverly Hatch, Ramona Dobson, Tina Garlick, Dorothy Johnston, Betty Howe, Betty Smith, Bertha Chamberlain, Virginia Jungwirth, Marie Mayor, Myrtle Moss, Myra Slovick, Dave Pearson and LeRoy Wells. Edward Lee is back for the summer.

Beulah Veach spent vacation at Kah-Nee-Ta Hot Springs. She and Erma Wolever are among personnel helping in the Tek Centennial booth.

Bob and Nancy Sageser are now the proud godparents of four baby kittens.

Tektronix, Inc. P. O. Box 831 Portland 7, Oregon

BULK RATE U. S. POSTAGE PAID Portland, Oregon Permit No. 740

OFFICE NEWS

Christine Pasley, daughter of Mr. and Mrs. Harold V. Pasley (Ruth Pasley), Retirement Trust, has been elected Grand Worthy Advisor, Grand Assembly, Order of Rainbow for Girls, State of Oregon—highest honor that organization can confer. Christine is a student at Oregon State college. She will make a three-month tour of Oregon this fall.

Ruth Pasley has been elected vice-president of board of directors, Oregon State College Alumni Association.

CABLE DEPARTMENT

Cable girls "said it with cake" when progress made a change in supervision of our department. Welcome Jim Tennyson to our department.

Welcome also to three new girls: Patricia Freeman, Connie Phelps and Marge Davis.

Infant daughter of Jo and Hal Bailey underwent surgery recently. The operation was successful and the little one is doing fine.

Potluck was held for several in the department: Juanita Anliker and JoAnn Stevens, who resigned; Barbara Losli and Dorothy Garrett, who changed shifts, and Lois Rowland, who is taking a leave of absence. Two baby daughters of JoAnn Stevens were present and added much enjoyment.

After a four-month leave of absence, Merlene Warneking has returned. Before returning, Marlene and baby daughter visited the department and we had the pleasure of meeting baby Kim.

Potluck was held June 15 when Alice Hall resigned. She was given a kitchen clock, so there will be no excuse for late meals.

Graduations have held the spotlight this season. Mary Losli's son was graduated with honors, as was the daughter of Mary Williams.

June 20, the daughter of Austin and Iola Searles, Virginia Anna, Production, became the bride of Grant Bateson at Newberg. Iola, you held up beautifully.

Adding to the exuberance of Pat Rohan these days is the delivery to her of a new Impala hardtop (white exterior—silver and black trim interior).

On Centennial Day, June 10, many of our girls wore their Centennial dresses:



Dorothy Garrett, Alice Hall, Joyce Hall, Erma Hansen, Kate Hitchcock, Betty Meek, Connie Phelps, and Lillian Walker.



Costume of Alice Hall is an heirloom. It was worn in the days that we are commemorating. Costume was complete down to high top pointed-toe shoes.

TEK-SAWYER'S GOLF

May 23 at Forest Hills golf course, 14 golfers from Tektronix teed off against a like number from Sawyer's in the third playing of annual Tektronix-Sawyer's tournament. Tektronix emerged victorious for the third straight year, 31 to 11. Low gross shooter was Clair Kidd with a 39-37-76. Cliff Wilson's 90-22-68 was low net.