



# tek talk

employees' publication of Tektronix, Inc.

volume 6, number 10

October 12, 1959



**group rep chairman and UGN-aided youngsters**



# tek talk

Published and printed by Tektronix, Inc., 9450 SW Barnes Road, Portland 7, Oregon, by and for its employees and with the cooperation of the Printing, Photography and Mailing departments.

## EDITORIAL STAFF

Editor—Tom Williams

Associate Editor—Joe Floren

## CONTRIBUTING REPORTERS

Accounting—Norma Jean Samuell

Administration—Maryellen Stevens

Marketing—Em Langdon

SRT Design—Robert H. Johnson

Engineering—Marge Guthrie

Export—Ruth Haugsten

Prod. Eng.—Vern Hansen

Shop—Herb Webb, Aloha Jernigan, George

Rayner

Test—Al Dvorak, "Scoop" Strom, Keith

Forney

Panelcraft—Lila Baker

Kit Prep—Minnie Berger

Unit Wiring—Geoa Becker

CET—Marie Frazee

Shipping—Kitty Smith

Instrument Service—Bob Johnson

Manuals—Shirley Kilcup

Offices—M.H. Wittmayer

Purchasing—Scott Foster

Capacitors—Ruth Lukens

Ceramics—Muriel Cimino

Field L'fo.—Will Marsh

Mech Asm. Day—Ina Neidigh

Accessories—Reta Anderson

Cables—Grace Hamlin

Finals—Dennis Binkerd

Transformers & Coils—Arlene Wohlgemuth

Stock—George Khtalan

Flying Club—Wayne DeVaul

Ham Club—Earle Pahlka

Golf Club—Ed Hopper

Rockhounds—Vern Bartlett

Keglers Korner—Don Pratt

## CALENDAR

### TUESDAY, OCTOBER 13

Beggar's Dozen investment club, 7 p.m.

Production job evaluation committee,

Beaverton conference room, 9 to 10:15 a.m.

Advisory group luncheon, Berg's, noon to 2:30 p.m.

Group representatives, Beaverton conference room, 2 to 3:30 p.m.

### WEDNESDAY, OCTOBER 14

Recreation committee, Room A, Beaverton plant, 11:30 a.m. to 1 p.m.

Wall Street Tycoons, investment club.

### THURSDAY, OCTOBER 15

United Good Neighbors rally (weather permitting), Sunset plant parking lot, 3:15 to 3:30 and 4 to 4:15 p.m.

Film, "A Penny Saved," Beaverton plant cafeteria. Three showings during lunch hour.

Credit Union credit committee, 2:30 p.m.

### FRIDAY, OCTOBER 16

United Good Neighbors rally (weather permitting) outdoors at Beaverton plant. 3:15 to 3:30 and 4 to 4:15 p.m.

...Tektronix amateur radio club, Beaverton plant conference room, 7:30 p.m.

### MONDAY, OCTOBER 19

Fortune Investment club.

### TUESDAY, OCTOBER 20

Production job evaluation committee, Beaverton conference room, 9 to 10:15 a.m.

Advisory group luncheon, Berg's, noon to 2:30 p.m.

### WEDNESDAY, OCTOBER 21

Group representatives panel, Beaverton conference room, 2 to 3:30 p.m.

### THURSDAY, OCTOBER 22

Credit Union credit committee, 2:30 p.m.



## Arnold N. Rantala

At the age of 50, death came in his sleep to Arnold Rantala. An employee of Tektronix for nearly eight years, Arnold worked most recently in the Manuals department doing art work for the production of our instruments' instruction manuals. He came to the company in November 1951 after spending a number of years as an architectural draftsman for firms in the Portland area. During World War II he did production illustrations, isometric detailing and other drafting work for the Kaiser Company shipyards in Vancouver.

Arnold was self-taught in high school and went on to take commercial art through night school and correspondence work. Being an artist and musician, he had interests in the fine arts which were reflected both at home and at work. Demands on his time for other than his work as an engineering draftsman and manuals artist were many.

Arnold had many friends and a variety of interests. His experience in architectural design helped a number of fellow employees with construction of new homes, his skill with pen, pencil and dry wit is evidenced by cartoons in many departments and those which accompanied hundreds of oscilloscopes to customers, and his willingness to help with ideas requiring a drawing or cartoon was experienced by many. Many feel his appreciation for good design and love for music found its fulfillment in the console of the Rodgers organ.

He saw the humorous side of many incidents and knowing Arnold as we did, we're sure it would not be in bad taste to imagine that Gabriel's trumpet blew a bit sweeter as this guy stopped to sketch the gates of Heaven.

— Tom Williams



# UGN: Tektronix Again to Participate In Federated Charity Drive

United Good Neighbors campaign—the one annual charity drive in which Tektronix participates—will be conducted here throughout this week.

The program will be organized to be both informative and brief. As in the past, no pressure will be put on the individual employee to contribute to the federated fund-raising campaign.

Local events include showing of a 10-minute color motion picture, "Good Neighbor Town," at several locations, and two outdoor rallies—one at Sunset plant and one at Beaverton—at which Howard Vollum will speak, as will a representative from the UGN speakers' bureau.

The short film, explaining the reason for UGN solicitation, will be shown at these times:

**Monday, October 12**—At Capacitors, Panelcraft, Customer Service (etc.) and Beaverton swing shift.

**Tuesday, October 13**—Printing, 9 a.m.; Employment-Test Training, 11:45; Bea-

verton group representatives, 2 p.m.; Sunset swing shift, engineering library, 6.

**Wednesday, October 14**—Facilities building, 9 a.m.; Beaverton lunchroom, 11 to 12:30; Sunset office and engineering areas, 2 p.m.

Weather permitting, the rally at Sunset will be held Thursday, October 15, in the parking lot between the two main buildings. Beaverton plant's rally will be held behind the main building Friday.

The fifteen-minute rallies will take place at 3:15 and 4 p.m., for the convenience of both day shift and swing shift workers.

## Group Reps To Assist

Group representatives have volunteered to distribute information about the UGN drive and help gather employees' pledges, which will be taken directly to the accounting department.

To facilitate accounting, IBM cards will serve as pledge cards. Simply filling in a blank and affixing your signature will authorize either lump sum or monthly payroll deductions.

UGN this year aims at a goal of \$3,276,287 to provide support for 72 separate community services, including a new affiliate, United Cerebral Palsy association.

By soliciting funds on a federated basis, UGN seeks to end the nuisance of constant on-the-job campaigns and save hundreds of dollars in fund-raising expenses which individual agencies would require.

Agencies supported range from child care (nurseries and similar groups) through education (such as Community Council and Urban League), youth (Boy Scouts, for example) and health (Red Cross, Visiting Nurse association) to family services (Salvation Army, Legal Aid Committee, etc.).

First report of Tek participation will be made to group representatives October 27. Bill Webber will give the final campaign report to UGN October 30.

## 10th Year Noted By Francis Frost



### FRANCIS FROST

Francis Frost, field engineer operating out of our West Los Angeles office, completed 10 years with Tektronix on September 21.

Francis came here on that date in 1949, going to work in the Test Department. He became a field engineer in March 1952.

Assigned to Baltimore in May of that year, he was transferred to Philadelphia in June '53 and New York in July '54 before moving to Los Angeles in January '56.

Francis is married and has two children.



**COVER**—Chairman Bob Hart of Tektronix group representatives visits the Volunteers of America day nursery in Portland—a United Good Neighbor-supported agency—to see first hand the type of program for which UGN contributions are used. The federated fund-raising campaign, being conducted here this week, assists 72 separate social welfare and health groups.

## Motion Picture to Be Shown On Credit Union Day Here

A color motion picture, "A Penny Saved," will be shown during lunch hour Oct. 15 in the Beaverton plant cafeteria in observance of National Credit Union Day, according to President Bob Jellum of Tektronix Federal Credit Union.

There will be three showings of the picture, described as an entertaining and humorous explanation of the advantages of credit union membership.

## Tickets Still Available Here For U of O Football Contests

Two blocks of 50 tickets each are available at the receptionists' desks for the University of Oregon—Air Force football game October 17 and the U of O—University of Washington contest on the 24th.

Grandstand and bleacher seats are both offered, at \$3 each, on a first-come cash basis.

## sTatistics

### MARRIED—

Harda Kauk (Test) to Dave Wilton (Engineering), September 4.

Loretta Taylor (Receptionist) to Dan Paulson, September 19.

Eugene Wilson (Test). Wife, Josephine. August 16.

### BORN—

To Verna Terry (Capacitors), a daughter, Patricia Ann, September 25.

To Carol Pitt (Coils), a son.

To Nadine Grohn (Coils), a son.

To Marilyn Fuerst (Receptionist), a son, September 20.

To Mr. and Mrs. Bud Kraker (Precal), a son.

To Mr. and Mrs. Paul Buchco (Precal), a daughter, September 6.





**MOVING IN** was a long process, involving much pushing and pulling. Above are Ed Hopper (left) and Ken Miller. Below (from left), Martha Anderson, Mary Jane Fanning and Sybil Meese. All are in Customer Service.



**SUNNY AND** roomy is the new office space for Customer Service in the Retirement Trust building.

## Move Into New Building Makes Room for Engineers at Sunset

All production groups—Plastics, Coils-Transformers and Scopemobiles—and Customer Service have completed their move to new quarters in the Retirement Trust building at Beaverton and are in full operation.

The space they left behind at Sunset is being filled by various engineering groups, to the relief of the overcrowded CRT department.

The former Transformers area along Sunset highway is the new home of Lang Hedrick's group. Adjacent, where Coils was located, will be CRT Small Parts.

In what was the Customer Service leanto, a variety of functions will be housed, including Ceramics Engineering, engineering conference room, Engineering Purchasing, Chuck Nolan's office and a carpenter storeroom.

Dick Schmidt's old area has been converted into two bays, to lodge instrument design project groups.

### May Change Overnight

These assignments are subject to rapid change, such is the turmoil accompanying the present Tek growing pains.

Ground was broken September 28 for the new office building east of the RT structure. Designed by James C. Gardiner and being built by W.C. Sivers company, its 32,000 square feet will be used for various Tektronix office functions, including many now at Sunset and some from the Beaverton plant. One-third of the building will be leased by Rodgers Organ company of West Slope.

Completion is expected by January.

Still planned eventually is construction of a permanent Tek office building adjoining the main Beaverton plant.

## Six Participate In Health Meet

Tektronix was well represented at the sixth annual Pacific Northwest Industrial Health Conference, held September 28 and 29 in Portland.

Attending were Don Kepler, Personnel director; plant nurses Lucylle McLain, Ina Parker and Lois Addington; Chairman Harold Edmundson of the Beaverton plant safety committee, and Jack Tate of Sunset plant.

Don, Ina, Lucylle and Lois also sat in on pre-conference sessions September 27. Drs. Dean Smith and Bill Harrison of Beaverton Clinic, our medical consultants, attended part of the conference.

Registration was 407 persons, largest in the history of the event.

Don participated in a panel discussion on the 29th: "Health Problems—Case Studies." He emphasized the value of placing trust in the individual employee.



**GROUND WAS** broken September 28 for construction of a new Tektronix office building adjoining the Retirement Trust structure (shown in background). Move-in by several Sunset and Beaverton office groups is expected by early 1960.



## SCHOOLDAYS AGAIN: NIGHT ELECTRONICS CLASSES START

With about one in every seven employees signed up, night electronics classes at Tektronix began the week of September 28.

Signup for seven beginning, three intermediate, one advanced and one scope class exceeded 400, according to Ralph Show (Manuals), co-ordinator of the training program. Last year's registration was about 250.

In addition, classes are being scheduled in elementary electronic terminology and in high school and college mathematics.

Instructors, all whom have handled the job before, include Ralph, Nelson Hibbs (Test), Harry Stewart (Test Training), Ron Olson (Engineering), Paul Jones (Test Training) and Ken Keyser (Military Products).

Each course consists of 20 weekly two-hour classes:

(1) **Beginning Electronics**—Basic electron theory, AC and DC circuits, to vacuum tube theory.

(2) **Intermediate Electronics**—From vacuum tube circuits through oscillators, amplifiers and various types of circuitry.

(3) **Advanced Electronics**—Tektronix circuits.

(4) **Scope class**—Design and construction of oscilloscopes. Only expense involved is for materials and books.

This is the complete class schedule (other than for terminology and math courses):

### Beginning—

Monday, Ken Keyser, engineering conference room, afternoon (for swing shift); Nelson Hibbs, Capacitors building, 4 p.m. (for Capacitors only); Harry Stewart, Beaverton conference room, 7 p.m.; Ralph Show, engineering conference room, 7 p.m.

Tuesday, Ken Keyser, engineering conference room, afternoon (swing shift); Harry Stewart, Beaverton conference room, 7 p.m.

Wednesday, Nelson Hibbs, Beaverton conference room, 7 p.m.

**Intermediate**—Monday, Paul Jones, Test Training 7 p.m.; Tuesday, Ralph



**BLACKBOARD FULL** of diagrams is used by Nelson Hibbs (Test), instructor in one of Tektronix' seven beginning electronics classes, which started the week of September 28.

Show, engineering conference room, 7 p.m.; Wednesday, Ken Keyser, engineering conference room, afternoon (for swing shift).

**Advanced**—Tuesday Paul Jones, Test Training, 7 p.m.

**Scope Class**—Wednesday, Ron Olson, test training, 7 p.m.

### WORDS OF WISDOM FROM C.U.

## Creditcarditis Spread Brings Warning That Users Must Employ Self-Discipline

With National Credit Union Day practically here (October 15), Ron Bell, head of Tektronix Federal Credit Union's educational committee, provides some words of warning against a creeping disease, creditcarditis.

"Credit cards, which at first added nothing to the cost of the item or service bought, now are available for almost every purpose. Most of them entail an additional charge for credit that can wreck the family budget.

"It's not only saying 'charge it' that can get you in hot water; it's the additional charge made for credit.

"Most revolving charge accounts offered by department stores cost 1½ per cent per month on the balance due. Merchants report most customers keep charg-

ing regularly so they owe a sizeable amount year-round.

### Not Large Items

"These are not just big-ticket items like TV sets. The majority are just the usual family replacements of household items: Sheets, pots, pans, shirts...

"The result is, many customers are actually paying 18 per cent per year more for stuff they formerly bought for cash.

"Nobody denies credit card plans are a boon to many, but they do require self-discipline by users.

"Credit Union members are reminded that:

"(1) You save money when you buy for cash;

"(2) If you must buy on credit, it pays to see your credit union."

### Recreation Committee to Study Possible Questionnaire on Picnic

Tektronix recreation committee at its October 14 meeting will discuss a proposed survey to determine employee reaction to the plant family picnic.

Assisting in planning the survey was John Wallen of our human relations group.

### Exposed roll of Kodacolor Film Found After Tektronix Picnic

Anybody take 20 Kodacolor photographs at the Tek picnic and then lose the exposed roll?

Magazine of 35-millimeter film was found at the picnic's close by an employee, who's tried without success to find the owner.

The film may be claimed at the Communications office, phone 215.





Tektronix' 17-man Printing department, currently busting the seams of its 4500-square-foot leased quarters at Cornell and Murray roads, prints catalogs, business cards, envelopes, letterheads, group representative minutes, Tek Talk, forms, sheets, stickers and tags and tabs and slips.

But mostly what it prints is oscilloscope manuals.

"We're a specialty operation," department head Ken Walling says of his bustling print shop, one of the half-dozen largest in the Portland area. "Seventy to eighty per cent of all our work is manuals and similar instruction material."

Last year the department ran through 100 tons of paper. That's about seven boxcars full. (Our last catalog alone accounted for 1½ carloads). This year it probably will use up to 150 tons.

Although Printing deals mostly with Manuals, it as a service group affects each Tektronix department.

"And as a service group we must work when our services are demanded," Ken says, in explanation of his department's often-irregular hours.

#### Started In Back Room

As most departments do, Printing began modestly, stuffed into a four-by-six-foot cubbyhole to the rear of the Sunset plant drafting room, back in September of 1951.

Equipment was a 1250 Multilith press, which could run out 8½ x 11-inch printed material. Ken, who up until then had worked in Purchasing and dabbled on the side in printing, became the entire crew.

First big job—after practicing up on business forms and packing slips—was a 30-page catalog, produced in early 1952.

The department that year began a long series of moves, shuttling from one location in the plant to another. A Chandler-Price hand-fed press and a small paper cutter were added. By this time the now two-man department could pretty well handle all sorts of orders for forms and catalogs.

After shifting about three times in the main plant, Printing moved across the parking lot and into the CRT building's

newly completed first stage. Then, when the building's second section went up, Printing went in.

In April '57 came its last move to Cornell road, which quarters were to be leased "for not more than nine months," Ken recalls, grinning.

The final migration was accompanied by a major addition of new equipment, including three Heidelberg presses, a cutter and—the department's pride—a large Pearl offset press.

Before buying its first Linotype (with the move into CRT), Printing jobbed out all its typesetting to other shops. The first model 5 proved inadequate and was shortly replaced by a model 26, which still is used. Most setting now is done on a massive Intertype F44, bought in October '57.

At present the department has eight production presses—five of them using the offset process, in which printing is done from a thin metal photographic plate rather than directly from type and photoengravings. Most plates are prepared by Ed Egan's photography department.

In addition to the array of presses, which can produce anything from a tiny calling card to a full-color catalog—the department has two proof presses, two folders, a collator which places in proper numerical sequence about 20,000 pages an hour, three binders, five punching machines, a stamper, a stapler and—not least—a Xerox, added in the winter of 1955-56.

Xerography, an electronic camera process which converts a black and white image into a printable paper plate, is used for a multitude of fast, cheap, short (up to 4000-copy) runs—for example, Scope Scoop, our company news bulletin.

"A job can be completed in about ½ hour using the Xerox," says Ken, "which by other methods would take a day or two."

Of the present 17 employees, only two had experience in print shops before coming to Tek. The others learned on the job.

Although the department, to use the old trade saw, "prints everything but postage

'Everything but Stamps and Money'

## DESPITE WIDE VARIETY OF PRODUCTION, OUR PRINT SHOP IS A SPECIALTY SHOP

stamps and money," manuals continue to be its main reason for existing.

And more and more manuals seems to be the pattern, as yearly production figures show:

1955—15,000.

1956—37,000.

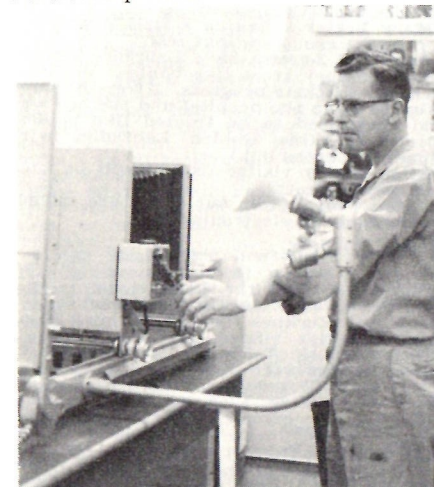
1957—67,000.

1958—157,000.

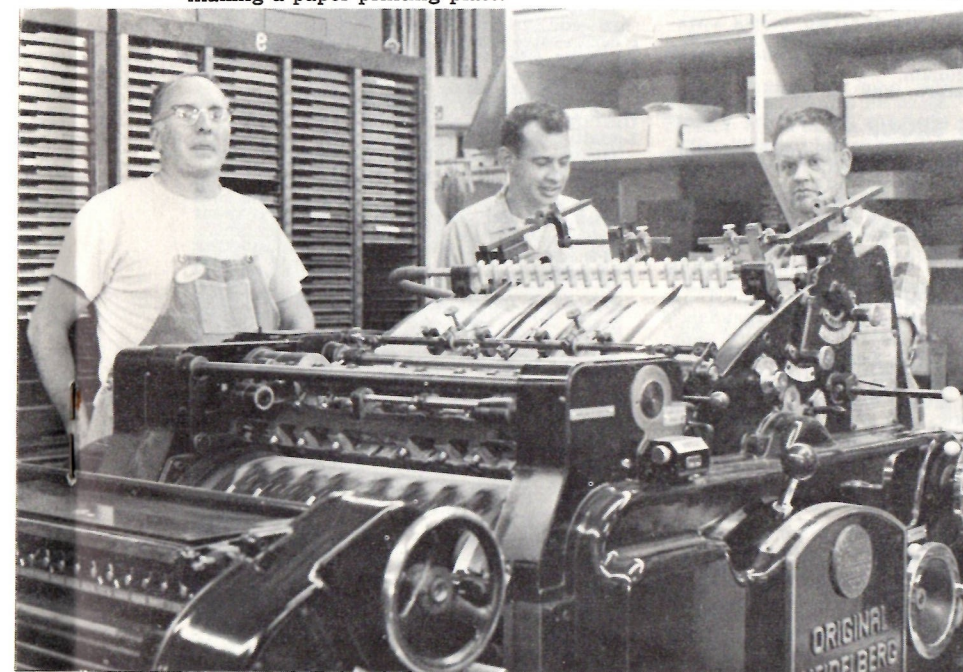
1959—an estimated 200,000 to 250,000.

And after that? It's anybody's guess.

But until the day of the self-operating oscilloscope, they'll need manuals. And more manuals means more boxcarfuls of paper, and a louder hum from the eight Tektronix presses.



ERNIE PLAPP, virtuoso on the Xerox, making a paper printing plate.



CHECKING A run of instruction manuals on the big Heidelberg press are (from left) Earl Jones, Doug Prouty and Kal Horine.



BUSY SETTING "straight matter" on the Intertype is Leonard Webster. Department also has an auxiliary Linotype.





**DOUBLE SURPRISE** shower was given by Ceramics recently for Carol Jean Nichols (left) and Marjorie Davis. Each gal believed the shower was to be for the other.



**TAKING PART** in recent outing of Tektronix' newly organized riding club were these employees: (From left) Mary Sorensen, riding Golden Eagle; Justine Dillard, riding Target, and Lois Addington, riding Sam.



**HARRIET DAILY** (Employment), who's interviewed many a prospective Tek employee, was honored October 1 as she left work after five year's service.

## CAPACITORS

Open house was held by **George Rickman**, **Art Peterson** and **Rodger Palm**, supervisors of Resistors and Capacitors, after they moved into their spacious (?) new offices. Delicious cookies were served, and the opinion of the girls seems to be, what we need is more new offices.

**Eleanor Larsen** suffered second degree burns when hot grease splashed on her face at her home recently. She is recovering nicely and managed not to lose any work.

**Karl Freeksen, Jr.**, is home from six months in the army, and his mother **Dorothy**, says it's sure nice to hear the patter of his big feet around the house again.

**Melba Manary** is reporter for Capacitors.

## WAYNE JAMES' GROUP

The group received a cord from **Monttie Wallis**, on tour with a girls' softball team in Japan. She will leave for home the 26th or 28th. She has a Japanese maid to do her room cleaning and laundry and ironing, at 50 cents a day. How lucky can a girl be?

**Jan Thais** visited Disneyland, Knott's Berry Farm and Marineland on her recent vacation.

Birthday cake honored **Helen Kirkwood**, **Cora Schmidt** and **Jan Thais**, and took advantage of the occasion to wish **Carl Giest** a successful year at Stanford university. He has promised to look us up next summer.

## MARSHALL'S GROUP

We had a smorgasbord for **Tom Cocks** and **Bob Williams**, who left for college. They received a kiss—candy kiss, of course—from each girl.

Newcomer to our group is **Bob Cubis**.

**Virginia Misterek** is staying home to care for her mother.

**Della Chumley** was home with a bruised arm.

## FINAL SWING

Here's a picture of **Gail McIntosh's** Buick in its typical resting position. Gail did this at the Jantzen Beach destruction derby.

Fond adieu to **Walter Sargeant** and **Wayne Thomas**. They've left us to join the ranks of the US army. Now we can sleep better at night.

**Edwin Turner** has taken farewell of the bachelor ranks.

Looks like Finals is invaded by a contingent of loggers. **Jim Weisman** and **Bud Wright** are stomping around in knee-high, seven-pound logger boots, claiming they're breaking them in for hunting season.

**Jim** holds the dubious distinction of being the only man in Final swing to fill the money cup with coffee.

**Jay Wratten** won a record player from KXL by remembering the number of his bumper sticker and calling the station within 15 minutes.

## UNIT WIRING

### FRANK WHITE'S GROUP

New people from swing shift now in Frank's group are **Helen Stanton**, **Judy Klatt**, **Echo Larson**, **Janice Bernardi**, **Marilyn Tate**, **Diane Hague**, **Ruth Schultz** and **Helen Stevenson**.

**Sandy Alexander** is taking a few months' training in Mechanical. **Vera Collins** from Mechanical is being trained in Unit Wiring.

**Marge Montage** traveled to Washington, D.C.

**Dolly Harcourt** has left for swing shift.

**Jan Braden** was married October 9.

## THE HARDY GIRLS

Vacations are over and the girls are settling to the old routine. **Sue Savely** worked so hard she got a bad case of heartburn. We recommend Old Doc Harty's Balm. It will work wonders. Ask **Flossie Eberius**!

We lost our switch repair helper, **Bob Matthews**, to Lewis & Clark college. We're happy to announce his engagement to **Kay Haggstrom**. He will be married after graduation in June.

Welcome to **Wayne King**, back in the fold after three months. He was married in June and took a honeymoon to Europe. He arrived with his bride and a new Volvo bus purchased in Sweden.

If any of the girls want to see your name in the paper, do something exciting and let me know about it.

## MARVIN SPRECHER'S GROUP

We held a smorg and baby shower in honor of Marv's forthcoming baby. The group presented the Sprechers with a baby stroller.

Welcome back, **Flo**.

**Ruth Warner** returned from her vacation—if you call moving for two weeks vacationing.

**Dorothy Chitwood** visited family and friends in Wisconsin.

**Ethel Whitmore** has joined us from nights..

## AL PEECHER'S GROUP

Hearty welcome to new members, **Connie Harding** and **Gladys Wolf**, who recently transferred from swing shift.

**Tom Fritzler** left the 18th of September and **Dee Ann Vick** the 23rd to return to college. We'll miss both.

**Darlene Henry** was surprised by cake and a gift from the group for her pending arrival.

## BUD RASSMUSSEN'S GROUP

**Connie Harding**, **Janice Bernadi** and **Helen Stanton** left us for day shift Sept. 21st. Their leaving was marked with a farewell cake.

New girls are: **Pat Kasberger**, **Lydia Clairmore**, and **Ethel Whitmore**. However, **Ethel Whitmore** left Sept 28th to work days taking **Gladys Wolfe** and **Doris Rothenberger** with her. More farewell cake!

**Joyce Lawler** is on sick leave and leaving **Kathy Bryan** as acting social director. **Miller Hess** vacationed by motoring to Seattle.

**Ethel Williams** is back from Kit Prep, and training on days to be our switch repair girl. Those contacts still get flooded!

**Bud** helped open up deer season in Eastern Oregon.

**Cathy Myers** of Q.C. now has 5 little wire haired (Unit Wired?-Ed.), terrier pups. Not all spoken for. Don't rush, girls; there's only 5.

## BILL MAYERS'S GROUP

We have several new people in our group—**Gladys Davenport**, **Penny Marlow**, **Jean Evans**, **Bob Emerson**, **Carol Bozanich**, **Charlotte Kraft**, **Latus Elliott**, and **Lois**

**Kyler**. **Betty Adams** is in our group temporarily from Component Test.

**Mary Legler** is taking a week's vacation to give the group a slight rest.

**Anne** and **Loretta** have Labrador Retrievers that they treat like babies. We hear each day of their progress. After the pups returned from the hospital and the bill was paid they need to be treated like babies! (For sale: One Golden Labrador, with papers, 3 months old.)

**Alice Higley** visited us and will be back soon in our group.

A few people from our group are attending the class in electronics.

## KNOW STOCK

Gridiron season is in full swing, and swinging along with the nation's touchdown heroes is a stalwart group of seven-man Knute Rocknes from Warehouse State college.

Sponsored by Tektronix, a touch football team has been formed with 25 men, mostly from Warehouse. Under the coaching of **Mike Gage**, they will play approximately seven games against other company-sponsored teams in Portland. They play Sundays, rain or shine, at 1:30 p.m. at city parks or high school fields. Come and watch. Will they win or lose? Tune in the next unexciting episode.

With luck they may end up playing in the cotton-pickin' bowl.

Some time ago the warehouse received this requisition:

**NAME**—Messenger Service girls  
**Delivery Station**—Messenger Service girls  
**Date**—June 12, 1959  
**Part number**—Male  
**Quantity**—One  
**Unit Measure**—Each  
**Location**—??

Other information—6' 1", sandy hair, blue eyes.

We've been trying hard to find this item in Stock. Imagine our surprise to find him working under our very noses (a most difficult place to work in) on swing shift. Here he is, you lucky girls—the missing link. He'll be delivered immediately in our new Volkswagen:





## CRT SWING

**John Byerley's** Gun and Wiring department seems to be in a constant process of saying goodbye to persons who leave for day shift and greeting new employees. New quarters with expanded working facilities make it possible for a larger crew on the day shift. New are:

**Art Abma, Judy Gross, Leona Koth, Linda Scriven, Corinne Young, Iris Gage, Sheila Clark and Ethel Holbrook.**

We welcome to CRT swing **Judy McCauley, Mary Senko, Kathryn Reimers** and **Juanita McCorkle**, a transfer from Capacitors.

**Ruby Jackson's** son Ron is home after a long stay in the hospital, recovering from serious injuries suffered in an early summer automobile accident. In a body cast, he is continuing his studies as a senior at Beaverton union high school. He has a tutor several times a week and hopes to graduate in spring.

**Twylah Stewart** is back in the department for a while, between classes for new employees, where she assisted **Lew Bride**, the instructor.

**Mildred (Miles) Whitmore** has moved into her new home, 25225 SW Frewing road, near Hillsboro.

**John Hutcheon** returned to Oregon State to continue his studies in electrical engineering. He will be a junior.

**Mary Senko, Judy Varisco, Pat Allen** and **Carol Livingston**, complete with strong ropes, attended the Pendleton Roundup.

Our interesting personality of the month would be **Jackie Gossett**, an accomplished artist. Member of Oregon Society of Artists, she has had paintings on display at Meier & Frank company and at the society's exhibits. She's sold many of her works. An attractive oil landscape hangs in her department.

**Max Hiatt**, Small Parts supervisor, recently returned from a week's "vacation," taken to move into his new home near Progress.

**Vivian Braddock's** husband is at home after being hospitalized.

**Jim Carey** returned from a bow-and-arrow deer hunt. No deer, but he did get away from it all.

**Elsie Green** and family returned from a vacation trip to Oklahoma, where she had a visit from **Mary Hannabass**, Small Parts day shift, also touring that area.

**FAREWELL PARTY** was given for **Katie Case** of **Ron Goard's** group (Instrument Sales) at the end of September. She shows off fancy cake.



**Esther Hall** returned from her vacation in Kansas, bringing her sister for a brief visit.

**Catherine Doster**, who was with us in Plate Testing, has taken a leave of absence.

**Dorothy Truu** took a week off to see her small son through surgery, and took her vacation shortly afterward.

**Cornelia (Neal) Nichols**, the newest member of this group, is responsible for those little felt mice the Small Parts girls are wearing. They're real eye-catchers.

They'll give you lost of explanations:

"Secret society..."

"We have so much cheesecake..."

"Older ladies auxiliary of the Mickey Mouse club..."

**Melody Prickett**, our summer helper, left to begin practice teaching. She has 32 fourth graders in a Portland school.

**Sydney Berner** has gone to day shift to enable her to carry on college work at Portland State, transferring from Pacific university to major in English.

**Marg Caire's** Phosphorus group underwent a complete change of personnel—all four of them. **Mary Caldwell, Delores Hicks, Leona King** and **Evelyn Enger** went on day shift and the new crew includes **Judy Berwald, Alice Terulli** and **Vivian Henson**.

Alice's husband recently passed his bar exams.

## CERAMICS

### PEGGY'S GROUP

**Emma Nichol** has returned to day shift after one month on swing. She went on swing so she could help care for her daughter after major surgery.

A beautiful cake with stork, plastic babies, booties and such was highlight of a September 14 shower for **Joan Sheelar**. She received many gifts for the baby.



**Dorothy Neidigh** returned from her vacation in Burbank, Cal where she visited relatives.

**Pete Hamilton**, who has been working swing shift, is now on days.

### PINKY FOWLER'S GROUP

**Jim Evans** underwent surgery September 21. He will probably not be back for over a month.

We wish him luck and a speedy recovery.

### DICK MILLINGTON'S GROUP

**Leola Coolidge** is back with us after a leave of absence.

**Lillian Parker** and several friends joined the Rod and Reel club excursion to the Deschutes river. Fishing and rock hunting were not too good, but they had a enjoyable time.

### COMPONENT PRODUCTION TOOLING

October 3 was a national holiday. Deer season opened. The CPT department was short-handed for a while as the more stalwart members stalked deer.

We've made some permanent personnel gains. Welcome to **Rex Gordon, Jerry Falfenier, Gerald Stanley** and **Paul Jordan**.

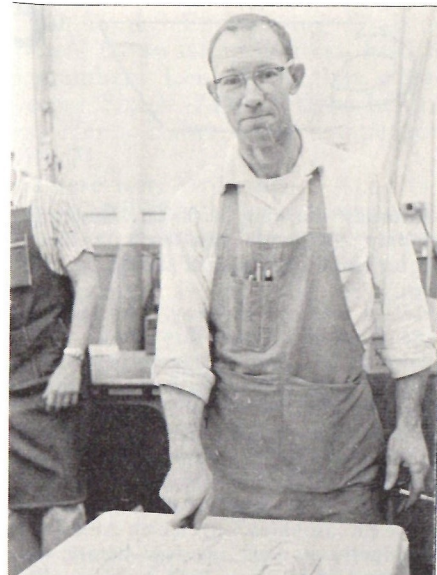
Rex comes to Tek from Omark, where he worked the past seven years in the model shop.

Jerry worked for Small Parts Manufacturing company for one and one half years. Prior to that he was with Scientific Instrument company.

Gerald is a recent graduate of J.M. Perry Institute, Yakima, where he completed a two-year course in machine shop and tool room skills.

Paul moved to Portland from Prineville after graduating from high school last spring. He is taking evening classes at Portland State college, while "working his way through school" here at Tek.

## OVEN AND KILN DEPARTMENT



A "ten with Tek" anniversary gathering was held September 22 in honor of **Al Briggs**. He started to work as a welder and spent a short time in the repair department before transferring to Oven and Kiln. He is interested in all sports, but his main hobby is woodworking.

**Bob Foster** is our new member. He has been working in the shop and came here September 16. Bob's hobby is fishing. Welcome to the group.

### DELAYED LINES

Coils has moved into the Retirement Trust building and members are enjoying the sunlight and more room.

**Bud Reimer** from Transformers swing is welcomed by the coil-ettes.

**June Mobley** is back with us. June has a very good attendance record. She came to Tek September 12, 1955, and was not absent until her recent surgery.

**Loretta Boswell** is a very happy gal. Her husband is back home from service duty in Japan and Korea.

We all miss **Gladys Rattey**, who's at home recovering from an auto accident.

**Verna Dobson** is the owner of a new Simca.

**Esther Cookman** had a surprise visit—relatives from North Dakota.

**Olive Marshall** is back after a leave of absence. Olive and **Rita Beers** went to the dog races and came back with grins and jingling pockets.

**Marilyn Reiser** became engaged to **Neal Ford**. The wedding is planned for Dec. 28.

**Virginia Cornilles'** son has entered the service and will undergo training at Ft. Ord.

**Jackie Teel** is now making her home in Sacramento. **Georgia Wells** also moved to California.

### ACCESSORIES

We're happy to have **Beulah Veach** back with us.

Sorry to lose **Penny Marlow** to Unit Wiring. We have one consolation—she has found The Man and is planning to be married in January. The Man is none other than **Joe Maples** of Finals.

Several girls from day shift came in one evening to help swing shift supervisor **Grace Sherback**. The occasion: Her silver wedding anniversary. The gang presented her with cakes and a gift.

### SPECIAL PRODUCTS

This is one way to start the week with a bang.

**Chuck Nolan** came in September 21 with a great big box of candy under one arm and much bigger grin on his face. Reason? Two additions to the Nolan household bright and early the morning of September 20 (3:30 o'clock).

Twin boys for **Chuck** and **Juanita** gives 5-year-old **Keith** two little brothers. One weighed 5 pounds 9 ounces, the other 6 pounds 4 ounces.

**Chuck** explains, "We were expecting girls, so we didn't have any boy-type names picked out."

Pretty "special products," we all thought.





## COFFEE BREAK

...WITH TOM WILLIAMS

Saturday morning with **Dr. Emerson Schmidt** was a fresh look at our American economy. Although there seem to be many employees interested in what the dollar will buy and what wages should be, only a small group found time to hear this man's ideas.

He's a man, by the way, who speaks the basic philosophies of business which have made our country what it is today.

Admittedly, family commitments, deer hunting and a good day for golf are naturally more appealing than a two-hour lecture and discussion in basic economics.

### From His Talk: Food for Thought

**Indifference** to how their affairs are run was given as the reason for a union's corruption... Democracy cannot work for those who won't use it... it is fundamentally a government by discussion, implemented by laws and tested by experience... Individual liberty... the concept of limited government... a free marketing economy... these are the philosophies with which American business must be able to operate.

**Productivity** must increase before wage rates are moved upward. Cost-consciousness, product improvement, work quality and learning new skills all contribute to the ability of a company to continue making profits.

**Motivations** of wage and profit are not basically different. The profit motive affects the welfare not only of the business owners but also the incomes of others. New concepts of "sales" and "share the market" motivations are now strong factors. (I.E.—suppose someone decides he wants a bigger piece of the pie. If you want a greater share, too, you'll need a bigger pie.)

Dr. Schmidt feels that it is important to write senators and congressmen on issues affecting economy—and for groups in companies and communities really to study economics in a basic way.

And in regards to the inflationary binges, he said. "If hangovers came before instead of after cocktail parties, they would greatly reduce the number of hangovers."

Ed. Note—Unfortunately, it would also greatly reduce the number of cocktail parties.

**Out of the reading rack**—At a class reunion the boy who was voted most likely to succeed but never made over a modest salary asked the class dummy how it was he had become so wealthy.

"Why, it's very simple," he said. "I run a restaurant, buy steaks for a dollar and sell them for four dollars. That way, I always make **three** per cent!"



**ERIK FERNER**, (right, with Gus Romo) our overseas distributor for Sweden, is nearing occupation of the building shown here under construction. The new premises at Bromna will house laboratories, offices, showrooms and a fully equipped snack bar on the upper floor. The middle floor will be used as expansion takes place. Office spaces will be leased meanwhile. A semi-basement contains heating equipment and a bombproof shelter and affords storage space for the whole facility. (Should the cold war become temperate in the the sunshine of springtime, we assume the shelter would be an ideal place to pop-off champagne corks on festive occasions—ED.) Thanks to Don Alvey, our roving European field engineer, for this bit from Sweden.

## Ham Radio NOTES

BY EARLE PAHLKA

September 16 the Tektronix Employees Amateur Radio club played host to the Affiliated Council of Amateur Radio Clubs. The meeting was held in the Beaverton plant, where the council's regular business session was conducted. After refreshments, a short plant tour was conducted by a couple of Tek club members. Council expressed its thanks to Tektronix and its club members.

September 18, the club held its monthly meeting in conference room B of the plant.

Visiting was Capt. Bill Bentson, W7QFY, of Portland. He is selective service officer for the regular army and regional director for MARS (Military Affiliated Radio System.)

Byron Witt, W7VOK, gave an interesting talk on a couple of his own pet ham projects, including use of voltage-variable capacitors as frequency-determining devices for transmitter variable-frequency oscillators.

Winner of the door prize, a 24-hour electric clock, was "Lucky John" South, K7COQ. Now John is learning to keep his station log navy-style. He's also about to go high power with a kilowatt rig. Guess local competition got him down.

Surprise of the year: Jim Strickland, W7SEZ, has moved down on the "spark" bands from his perch on UHF and has become a confirmed DX chaser. Say, Jim, does your grandfather clock still put out a half KW while tripling to 430 megacycles?

Program manager Dick Sakrisson, W7NAO, has been active, along with Byron Witt, in perpetrating ponderous hoaxes.

Field engineer Bob Seaberg, K9LYL, recently in from Chicago for a refresher, is interested in contacting Tek hams. Tentative schedules have been made on 15 meters with Earle Pahlka, W7DPE. How about listening for K9LYL, particularly Sundays at about 21.3 mc?

Denny Nelson, W7UHF, has been working on a mobile rig for his station wagon. He has done some beautiful construction work and should be "on the air" soon.

Paul Buncho, W7QKQ, appears ready to put a big rig on the air. He's come up with some interesting facts about transformers for ham transmitters.

Next regular meeting will be October 16 in the Beaverton plant. Come out and bring a friend. There may be another door prize.





RITA BEERS (Coils), who works in the Retirement Trust building and lives just across from the Beaverton plant, has probably taken her last shortcut home.

Her boys, who hunt bullfrogs down in the no-man's-land between the two plants, told her there was a good path through the woods.

So, one evening after work, off Rita went a-hiking.

FIRST OFF, somebody had gone and parked a freight train spang in her way, on the siding by the plant. Rita squiggled under and headed north again.

Right soon, she ran into swamp-land. (Come to think of it, the kids did say they hunted frogs...)

She mucked along, soaking her shoes but still game.

Obstacle 3 in this commando course was a creek. Rita clambered down the steep bank and, with shoes already soggy, voted to wade across.

WATER CAME up over her shoe tops. By about three feet, matter of fact.

Sopped to the waist, she trudged on through the jungle, came out by the new Ceramics building and snuck on past, muddy and trying to be invisible.

The whole adventure has made her wonder if a straight line is the shortest distance between two points.

And she post scripts one of the year's understatements:

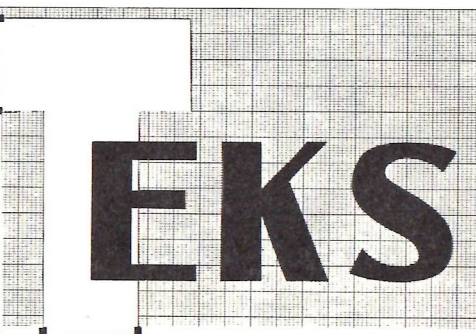
"I must've gotten off the path..."

#### WHAT'S AN MPR?

Our new semi-automatic delay line winder, is what. It's now chugging away in Accessories, all by itself. Semi-automatic means from time to time somebody peeks in to see if it's out of nylon or getting tired or anything.

How come it's called the MPR? you may (or not) ask. Is this short for Micro-Precision-Rotor or some such fancy monicker?

Nope. It's so called because it performs the job once done by hand, by (M) Mildred Deardorff, (P) Penny Marlowe and (R) Ruth Miller.



THIS IS an all right way to go around naming machines, so long as they don't replace too many people.

Picture a vistor on a plant tour. "And this machine," says the guide, "Is our Syzmgmfwyptaoiao. It replaced Simon, Yolanda, Zeke, Merton, Grundy, etc....."

THERE ARE beatniks in our midst—at least in Customer Service, where a pedestrian-hazard floor plug brings this warning in hipster talk:



Goofy jargon, sure, but we must all be tolerant of beatniks. They're our allies, like the British and Nationalist Chinese.

ANONYMOUS EMPLOYEE, D-ve F-sh-r, asks can he advertise for a wife in Tek Talk?

Don't see why not. If nothing else, it's certainly the American Way.

WELL, FOLKS, 'twas a photo finish in the Engineering Drafting room's fly-swatting contest, held in September. Len McCracken edged Denny Smith, 73-72. Right behind was Henry Bahrs, a real competitor, with 71.

There were two rules:

1. The fly has to be in your area.
2. You must use the bug swatter. This weapon, interestingly enough, was located at the end of Len's desk.

HE HAS some suggestions for the kids who want to grow up to be swatting champions:

1. It's all in the wrist action.
2. Don't pick a swatter that's too heavy. Get one that feels right to you.
3. Choke up on the swatter and just meet the fly squarely. Don't try to kill it.

IT'S JUST possible that success has gone to his noggin.

Messenger gal Bev Pack walked into the drafting room while Len was listening to the World Series.

Asked she, "Who's winning?" Crooned he, dreamily, "Oh, I won, 73-72-71...."

WITH FOLKS profit-share conscious, all sorts of tidy schemes have been cooked up to whittle costs. These range from thinning the coffee to re-using paper napkins to putting skinnier margins on Tek Talk pages.

But the most all-out, whole-hog bunch of expense cutters is the Tek gang at Atlanta—as witness this photo of secretary Ethel Moore and her cardboard office furniture.







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

Kadie Carnucci  
9886 E. Flaherty Street  
Temple City, California

### MECHANICAL ENGINEERING

An engineering firm submitted a bid on an etch machine before our Beaverton plant was built, but we went ahead on our own design under the direction of **Marlow Butler**. This company liked our setup so well that they asked for pictures of our machine after it was installed. They were even thinking of manufacturing it for sale after paying us an engineering fee.

We lately recieved a brochure of their new machine and there are those who say it resembles ours more than slightly (no money).

**Ross Gifford** had **Al Johnson** build a giant exponential horn speaker enclosure and was startled to hear it rumbling the other night before he even had the speaker put in it.

Seems his cat had gotten up into it and was purring loudly. Ross said it was pretty close to a 10-amp output.

(Pretty hep cat—scaring mice for miles around!)

### TEST

Old and new: Things are moving so fast nowadays that some news articles were overlooked.

The first delay line tuner—**Harda Kauk**—is now Mrs. **Dave Wilton**, as of Sept. 4. She was given a luncheon by the line tune gals. The Wiltons are living in Denver. Harda worked here almost eight and one half years and Dave almost three and one half years.

Another recent wedding was that of **Eugene Wilson** and his bride Josephine. She is from Ohio and is a dietician at Emanuel hospital. They received a Mixer as a wedding present from Tek.

Changes in Test find **Dale Palmer** now in Precal.

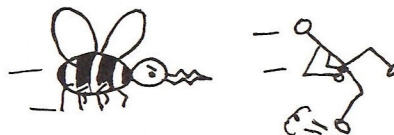
The boys are back in college. **Dave Barton** is in his junior year at Linfield. **Larry Cummings** is at Oregon State college and **Don Povia**, Willie's son, is at Reed.

TEK TALK TEST TALL TALE

(Better Felt than Telt)

The story went this way: It was a nice sunshiny day. Yellow jackets were out in force and along came **John Whitesides**.

Now John has a plaque on display for service beyond the call of duty. End of true story.



IN NEW QUARTERS in the recently completed Retirement Trust building are these gals from Coils. They've expressed approval of the added room and improved lighting.

### TEK NIGHT OWLS

**Jerry Denton**, a new utility man, is getting quite a workout. He seems to take it with a grin, however.

Our group is well represented in the electronics course. So, watch out, you electrical wizards!

Lots of new faces on swing shift replacing the ones going on days. We miss the old gang, but extend a hearty welcome to our new members.

**Kacie and Jim Herr** are receiving congratulations on some new arrivals—**They now have 10 puppies**. Kacie seems to be bearing up real well.

**Pat Alberding** after vacationing in Canada is back with us.

### Tek Seven-Man Football Team Bows in Portland League Opener

Tektronix seven-man football team made an inauspicious debut in Portland league play September 27.

That's to say, it was defeated. Score was Priestley Oil company 33, Tek 0.

Tom Cox, organizer of the locals, said the game was much closer than the score indicated, and blamed lack of substitutes for the loss.

Team plays each Sunday at a Portland park.

### Rockhounds see Slides of Alaska, Discuss Building, Equipment

Tektronix Employees Geology club met at Community Church of Cedar Hills September 23.

Colored slides of rockhounding in Alaska were shown, and the club discussed possibility of purchasing equipment and constructing a building of its own.

Several members have signed up for the lapidary course at Beaverton high school, evenings.

RECEIVED  
OCT 19 1959  
TEKTRONIX, INC.  
WEST LOS ANGELES

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