

# TEK TALK



Volume 4 — Number 14

Employees' Publication of Tektronix Inc

September, 1957



## Bay City Hosts WESCON Show

WESCON, short for Western Electronic Show was the hub of peak activity for electronic manufacturers and engineers on the west coast for four days, August 20-23.

The largest indoor arena in the west, San Francisco's Cow Palace was the site for this year's annual WESCON show. The Cow Palace is rightly named; it was constructed prior to World War II and has been used extensively for livestock shows. However, the Republican party utilized the huge area for the 1956 Republican National Convention. It lends itself very well to mass group gatherings that are best handled under one roof. Contrasted to the IRE show in New York where papers were presented by engineers in various meeting rooms at hotels nearby the Coliseum, The Cow Palace afforded ample space for papers to be read in specially constructed rooms right on the same floor as the exhibits.

Acres of canvas procured at a cost of \$15,000 was used in erecting a double walled meeting room at six strategically located areas within the oval arena. This allowed browsing engineers and working exhibitors an opportunity to take in any paper of interest to them without leaving the building. The rooms were so arranged that traffic was not disturbing to the speaker.

There were 765 exhibitors at the Palace with an expected 30,000 visitors swelling to probably 40,000 before the four days were out. A lounge, cafeteria, and food bars bordering the oval arena made it possible for exhibitors to stay in the building for the show period each day if they wished. Tek engineers seemed to be very pleased with the arrangements for the Show.

Teks attending WESCON from the Main Office and Factory were: Cullen Mac Pherson, Lang Hedrick, Bill Polits, Cliff Moulton, Lothar Frenkel, and John Kobbe from Engineering. Dal Dallas, vice-president in charge of Marketing; Earl Scott, newly appointed head of the Instrument Manufacturing Division; Bill Webber, vice-president in charge of

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Central motif of the show was the earth satellite display rotating directly above the center display arena. The polished model of the Vanguard orbited about a slowly turning tubular metal sphere representing the earth. A monitoring system is being promoted by military authorities who will encourage Hams to follow radio signals emitted from the actual Vanguard when the man-made earth satellite is launched into its space orbit during 1958.

Administration; Jack Murdock and Howard Vollum completed the group from Portland that supported the Southwest Division Field Engineers in keeping the booth well manned and the visitors to our exhibit well informed.

Ed Bauder, Southwest Division Manager, selected an ideal location for the Tek display. Upretentions, as always, the backdrop of a familiar Tek Scope mural with a placard identifying the booth was all that was needed to supplement the instruments themselves in attracting visitors to the Tektronix exhibit. Most of the Field Engineering staffs of the Southwest Division Offices were on hand during the show to answer the many questions of visiting engineers and electronic manufacturers' representatives. Margaret Johnson, Field Secretary at the San Francisco office, had a busy time as Girl Friday to all the visiting Teks helping with reservations, phone calls and details.

Fred Hart, Gordon Allison and Paul Magnusson from the host city of San Francisco; Francis Frost, Jim Cook, Bob Browning, John Mulvey and Carl Helmer from the Los

Angeles area; Dick Ellstrom, Phoenix; Ken Dellinger, San Diego and Si Corn, Albuquerque completed the entourage of Tek talent at Wescon from the Southwest. Visitors from the plant to the show were: Egon Elssner, Henry Haase, Roger Haight Pius Scherr and Sam Tabshy.

Dal and Ed Bauder left on a junket of the southwest offices following the show. Earl Scott began his vacation at the close of the show and was expected back at the plant the second week in September.

Most spectacular eye-catcher in the Tek booth was the array of 12 plug-in units displayed to advantage with their respective 'specs' alongside All of the units displayed except the H and R units are in current production. In total fourteen new instruments were shown at the WESCON show.

Among them was the Type 502, a dual-beam oscilloscope, that has from all reports entered a field of many new applications. The instrument is said to have five times the sensitivity of other oscilloscopes with a stability of amplification that brought much favorable comment from the



The Tektronix booth ... with the Cow Palace Information & Message center nearby .. an ideal location. Taken just prior to the show and again as it was for the remaining four days ... with people. Twelve Plug-Ins ... count 'em!



An example of what every engineering group hopes will not happen occurred nearby. Cliff Moulton recorded the "smoke" from hot engineering model that had probably been rushed to completion for the show.

You might note the "real cool" Tek scope at the right giving an assist to some other exhibitor.



electronics engineers and manufacturers visiting the booth. Electrical measurements can be made where impulses are as weak as 200 microvolts (.0002 volts). This makes its use in the field of medicine and other laboratory studies especially desirable. Because of the high sensitivity of this scope, transducers that furnish only a 200 micro-volt signal will produce a brilliant trace a full centimeter high. (The transducer is any device that is actuated by the power of one system and supplies power to another system.) ...like the old hickory atick, perhaps? Thus, a chemical change in body tissues, temperature variations and scores of other interesting phenomena can be measured electrically with the aid of a transducer of some kind coupled to a highly sensitive and accurate measuring device such as our type 502, dual-beam oscilloscope. Both beams are deflected simultaneously by a singlesweep sawtooth voltage applied to the horizontal deflection plates. two pairs of vertical deflection plates make it possible for the operator to observe two displays of electronic

information simultaneously. Other switching arrangements can be made that increase the versatility of the 502.

Another dual-beam instrument, the type 551, was coupled with two "C" plug-in units to present a display of four separate traces on the face of the cathode-ray tube, each with a different wave pattern. This eye-catcher made many passers-by do a double-take as they visited the booth.

Lang Hedrick, one of our engineers in Instrument Design, gave unrestricted credit for the success of the show to the quality instruments they had to display. Not one outage occurred throughout the show, and the scopes all hummed along in calibration. Thirty-four separate pieces of equipment were packed and shipped from here for the Tek display. In addition to these, thirty-one other units were shipped to fourteen other exhibitors to aid them in their presentations at the show. This all adds up to a lot of extra effort on the part of everyone engaged in getting the "show on the road".

## Future Engineers Featured

Jim Allison and Jim Morrison, students from Beaverton Union High School, and Ralph Stoffer, freshmen science teacher at the school, attended the WESCON SHOW as guests of the Portland section of the IRE, Tektronix, Inc. and Electro-Measurements, Inc.

The two youths were selected to attend the show on the basis of their outstanding exhibits at the Northwest Science Exposition in Corvallis last Spring. The extensive Future Engineers Show at Wescon was part of an educational program sponsored by the member organizations of the West Coast Electronics Manufacturers Association. Scholarship prizes totalling \$700 were set aside for youths participating in the show with various science exhibits of their own. (they had about 25 displays of their own). Among the Future Engineer exhibits were a radio-controlled robot, a computer design using relays and an audio-radar device. The budding engineers had complete access to all the commercial exhibits and a continuous series of films on science subjects.



# Tek Talk

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## LET'S TALK ABOUT MONEY

...A GUEST EDITORIAL BY SCOTT FOSTER

Most all of us have a "passing" acquaintance with that elusive green stuff. We know how important it is to our daily living, not because it has any value of itself, but because of the things for which it can be exchanged. Money legally represents assets of the treasury buried in Fort Knox, therefore is sort of a credit slip saying the bearer is entitled to some of the government's loot. More basically however, money actually represents labor. For our labor we receive money, and if we are able to keep some of it, it represents our labor which we store up against the day we can no longer contribute labor actively. This credit can be exchanged for other labor or goods produced by labor.

Did you ever think what would happen if **everyone** suddenly acquired a million dollars and decided to retire? The more you think about this the more you realize that the real value of money is only in the things it will purchase.

Here at Tektronix money has purchased everything around us—the land and buildings, —the machines, desks and equipment, —the tools we use, and the thousands of small components that we put together each day to form our finished product. Each of these things we tend to think of just as "things", but they do represent the expenditure of money, and in terms of money, their value can be understood. Now look out, this is about where this article may begin to sound like a nasty old tight-fisted Purchasing Agent. In the Purchasing office we spend many thousands of dollars each month, much of it for components for our instruments, but much more than most of you people realize is spent for so called "expendable" supplies, hand tools, brush pens, pocket pens, wiping cloths, soldering irons etc., etc., just listing the items would take more space than this editorial. Many of these things cost very little, one item at a time, but excessive use or carelessness cost us hundreds of dollars a month. As one example, we supply a plastic cased ball point pen to the plant personnel. It looks inexpensive, and is, each costs \$.23½. A refill costs only \$.08½. Since our purchase of complete pens is quite high, and of refills quite low this suggests that many people do not realize that if they throw away the used pen and draw another, rather than a refill, they are in effect chucking \$.15 in the ash can. Another case in point is the volume of items that fall to the floor and get swept out with the trash. Yours truly has been rummaging in the garbage again, and comes up with a grim face each time. I agree that many of the small hardware items are not worth picking up. However, almost any other manufactured part is worth the effort. I have found capacitors of several types ranging in value from \$.07 ½ up, and some of our miniature potentiometers that seldom cost less than \$.50 apiece. If by some miracle all items dropped could turn into their equivalent in cash I am convinced that very little would be left for the custodians to sweep out. Just lack of physical size need not indicate a lack of value.

Well, so what?" may be your reaction to this, and I wouldn't blame you too much. I know it is easy to think "the other fellow" is at fault in such matters, but for myself if I were to obey Christ's admonishment "let him without sin cast the first stone" I would stand in line for some time before heaving my rock. . . . . How about you???

We here at Tektronix are very lucky people indeed to enjoy the many advantages of working under management not only willing but determined to have thier people working in a "permissive" rather than a "subjective" atmosphere. As a matter of fact no one told me to write this editorial. It was my own mean and contemptible idea. Had I asked permission to do it, it might have been refused! This is my strongest reason for writing as I have. It is up to us, you and I, to exercise constant consideration for the welfare of our company, and to save its money wherever we can. You can be sure a large hunk of what we save shows up in our Profit Share, and conversely, we all share the cost of waste.

It is not widespread, but I have detected the attitude "what the heck, Tektronix is loaded." Let me clue you friends, subjected to such an attitude for very long, any well would run dry! Lets not invite regulations or rules or red tape. Lets all be worthy of the confidence management has placed in us and **watch those pennies!** Lets do this on our own, before someone tells us we have to. I know we will, we come through pretty well in the pinches. Come to think of it, taken as a bunch, we're not really such bad guys after all, are we?

### WHAT A CHANCE by Margaret Ryan

CHEER UP! You have two chances. One of getting the bug, and one of not.

And if you get the bug, you have two chances.

One of getting the flu and one of not. And if you get the flu, you have two chances.

One of recovering, and one of not. And if you don't . . . . Well, you still have two chances.

### HEALTH RACKS INSTALLED

Four racks have been made especially for the distribution of health information selected for your reading. They have been mounted in the men's rooms and the ladies lounges in both buildings. Some of the material selected is written to the attention of men or women particularly and it is thought that the special racks will serve the most interested audience.

## Visitors Log

Em Langdon, Dal's secretary, keeps a little black book of visitors from the outlying provinces of the Marketing world. A look inside confirmed the general impression we've had; that there's been a lot of people in from the field this summer.

Dick Phillips, Field Engineer, visiting from our Boston Office for the first time in two years, dropped in to Personnel to say Hi! Loyal to his 'hometown', he brought along this snap of Lee Spragg. Lee is the favorite of many of our customers when they call the office for parts information, according to Dick. We think he may be a bit prejudiced, but there's no denying Dick and Leon Heaton have a very able and attractive assistant. Lee joined Tek at Cleveland in May, 1955 and transferred to Boston in November, 1955. Dick Phillips left after his visit to the plant on July 26.

Jack Cassidy, Eastern Division Manager—Bronxville, (socializing with Will Marsh) here from June 4-21.

Inge Kremeyer, Central Division Secretary, was seen in many departments up-dating her knowledge of customer services from June 17 to July 14.

Gordon Allison stopped by June 11-14 enroute from Dayton Office to Menlo Park.

Gene Dashiell and Fred Sias, employees of Arthur Lynch & Associates, Florida representative, here July 18.

Harry Bishop and wife, Hytronics Measurements, Inc., at Denver, here from June 17 to July 3.

Ray Lisiecki, Syracuse Field Engineer, here July 7 to 19.

Ed Bauder (Western Division Manager) and wife, Mary, here from June 25 to July 5—flew up in their Ercole from Palo Alto.

John Bivins (High Point Office of Bivins & Caldwell) and Bill Bivins (Atlanta Office of B. & C.) here July 11 and 12.

Francis Frost (Los Angeles Office) here from June 25 to July 9—vacation and business trip.

Jim Hurlburt and Harry King (from Hytronics Measurements, Inc., Denver) here for training session starting July 8.

Ruth Stillman (Los Angeles Office) here July 15. to assume duties as Secretary in San Diego Office when it opens.

Mr. Frederiks (from C. N. Rood, our distributor in The Netherlands) here from July 21 to July 31.

Scotty Pyle (Syracuse Office) here from July 21 to . . . . .

George Edens (Central Division Manager—Chicago Office) arrived here July 28.

Jim Cook, Los Angeles visited the plant following the Wescon show

John West arrived August 16 from the Bronxville Field Office, his first trip back to the West in two years.

Marion Rothfuss here from August 9 until August 23 took advantage of the "re-calibration" for field secretaries to join husband Otto, who is in training here for eventual assignment in the field. She stayed on in Oregon for her vacation after completing the tour of the activities related to Field Engineering, and Instrument Sales.

Cliff Vogt, instrument repair technician, with Arthur Lynch and Associates our Florida Distributor, visited the plant recently for a briefing at our electronics training school in the Cedar Hills Shopping District "Underground".

Carl Helmer, from L.A. office, and wife dropped in after the Wescon show. In town on personal business.



## Campship Fund Report

Hugh McCredie, Chairman of the Campship Project Committee an activity of the COMMUNITY COUNCIL sent a letter to Tektronix extending "our sincere thanks to all who made your contribution possible."

The check from Tektronix was turned over to the Campship Project by Bill Webber. The funds for the donation are derived from the income turned in by the vending machine people. Thus, your smokes, milk, candy and etc. purchased here aid in a very worthy cause.

The donation this year made it possible for 57 children to attend camp. Without this opportunity most of these youngsters had little to look forward to during the long summer vacation in the city.

The Community Council is an agency supported by the United Fund.

## OF MEN AND JOBS Part II

BY DON KEPLER

**Synopsis:** Last month we closed our article with this statement. "We should like to know, after studying an applicant intensively for an hour or so, what our judgement would be if we had observed him casually over a period of several months."

This month we will consider how this may be done with the aid of psychological tests.

### Selecting Psychological Tests

While idealistic, the theory of evaluating job performance rather than test scores in predicting future performance provides a highly valid frame-of-reference for selecting the tests to be administered: **The more nearly the test situation approximates the job situation, the more worthwhile is the test performance for predicting job performance.**

A personnel director for a small radio station made excellent use of this theory by developing five job-sample tests to be given to each applicant for an announcer-continuity writer position. These five tests were (1) to read program copy for a program of classical recordings, (2) to read commercial copy for a local clothing store, (3) to read news copy from the AP wire, (4) to write commercial copy for a drug store with basic sales ideas given, and (5) to write a news story about a fire. . . with basic facts given. Each applicant's performance in these five "samples of behavior" was reviewed in making the final decision.

You can usually gain better results when you select tests that require performance similar to the on-the-job performance that will be expected of the applicant. It obviously won't be useful to give a vocabulary test to an applicant for a position as a small-parts inspector.

### Kinds of Tests

For our purpose we decided that our measures could be conveniently grouped into four categories:

1. General Intelligence—general learning ability; potential for handling situations in which **ideas** (rather than **things**) are most important.
2. Aptitude—potential for learning a specific skill quickly and effectively.
3. Skill—current efficiency in performing a specific task or function.
4. Personality—general attitudes, interests, habits of adjustment.

### Tests of General Intelligence

**Intelligence** was just defined as "general learning ability; potential for handling situations in which **ideas** (rather than **things**) are most important." Thus, almost without exception research studies have shown that executives, supervisors, research workers, and trainees for such positions need a higher level of intelligence than do individuals who perform routine tasks. In general, high levels of intelligence are required on jobs that involve dealing with intangibles, planning, organizing, anticipating possible outcomes of programs, and handling human relations. People with limited intelligence find it difficult if not impossible, to handle such problems effectively.

while a test of intelligence should be given routinely, the test scores must be interpreted thoughtfully.

It is essential that you review the requirements of the job, and judge the degree to which abstract thinking, planning, and organizing are involved in the job.

### Aptitude tests

**Aptitude** was defined as "potential for learning a specific skill quickly and effectively." Aptitude measurements are based on the principle that mastery of a complex job depends on proficiency in number of component abilities. For example, ability to read scales, ability to read charts, and ability to make sound judgments

from known information are important for a technician in a chemistry laboratory.

Tests have been designed to provide measures of aptitude for 14 critical job elements. The test items are highly similar to tasks performed by workers in business and industry. Job-analysis studies have indicated recommended combinations of tests corresponding to the requirements of particular occupations.

The 14 test titles are Office Terms, Sales Terms, Tools, Judgment, Numbers, Perception, Precision, Fluency, Memory, Parts, Blocks, Dimension, Dexterity and Motor.

In addition to the 14 aptitude tests, the following three aptitude tests, included in our battery: Clerical Aptitudes, Test of Practical Judgment, and Purdue Pegboard.

### Skill Tests

**Skill** was defined as "current efficiency in performing a specific task or function." Thus, while aptitude tests are used to **predict future achievement**, skill tests are used to **measure ability to do the job now**—without further training.

Skill tests are used to evaluate the applicant's current effectiveness or past achievement in such jobs as typing, writing advertising copy, reading blueprints, electronics, machinist, tool and die maker, etc.

Several tests of skills are now available. Some of these require the individual to do a work sample; others measure proficiency indirectly by asking for information which is supposedly known only by people who have had experience in the specified work. Typing Skills, Language Skills, Dictation Skills, Arithmetical Reasoning Test, Blueprint Reading Test, Test for Electricians, Test for Machinists and Machine Operators. In addition, three non-testing approaches to the evaluation of skills are included in our process.



# TEK PICNIC — MERWIN DAM — AUG., '57

Less than the 5,000 expected participants in the Annual Picnic were on hand for the out-of-doors fun-fest held this year at Merwin Dam, but more than the anticipated fun and frolic was experienced by all who made the trip. Quite a few trailed their own boats to the spot, where boating, swimming and skin-diving enthusiasts had a beautiful sunny day to engage in their favorite sport. Games had such good turnouts that individual participants lined up in relays and everyone had a bang-up time. Food was good and plentiful. The trees were bedecked with run-away balloons that gave the park a carnival atmosphere. Little lost boys, band-aids and bee-stings all added up to a typical full day at a good old-fashioned picnic.

Pictures tell the story much better, so here they are. We don't know everyone—mabe you do. If you don't like our captions, write in some of your own.... it was a great day at Merwin Dam.



Shade and sun .... we had them both .. and plenty of table space.



Elsie Roher, Marybelle Rash, Al Maxwell and Bob Davis judged the Whiskeroo Contest. After tugging, measuring and checking color-codes they made these difficult decisions: Best all-around beard .. Lee Penson, Prod. Tooling Longest Beard .. Robert Large, Shop Curliest Beard .. Ed Davis, Stock Biggest Beard .. Tim Kirtley, Shop Reddest Beard .. Emil Evans, Test Best-styled Beard .. Bob P. Williams, Final The prizes: 1st prize, A flash camera and film Other prizes: A leather shaving case for each winner.



The Whiskeroo contestants judged the Baking contest and came up with cream filling in their beards and these winners: Pies .. Lee Peters, Shop Cakes .. Carol Weik, CRT Cookies .. Beryl Hutchens. Kit Prep Pastry and Breads Eleen Cagle, Mechanical Assembly. The Prizes: Set of towels and wash cloth and a bun warmer for each winner.



Watch that .... THUMB!!!!



Gee, I just love picnics!



You run, you blow up the balloon, you sit on it, .... and it didn't pop?



Dick Montag with an eager assistant draw the winning numbers in the Credit Union drawing. Artie Nelson, Unit Wiring First Prize \$100, Jim Zika, Prod. Requirements Second Prize \$50, Mildred Deardorff, Accessories Third Prize \$25. Three Fourth prizes were claimed by Dale Holiday-Prod. Tooling, John Larson-Prod. Development, George Hashizume-Future Development and as yet unclaimed at press time a fourth number which is worth \$10 to the claimant.



Picnic Committee's day was a long one. Marilyn agrees.



Mutual Aid Society — banana buddies.



Beverly and Steven Mason...snoozin'.



Betty Whiting, Sir Walter Ralieghs and their ladies.



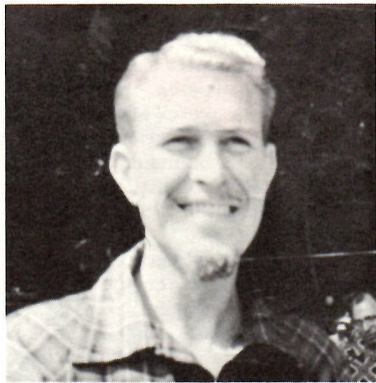
Shot at random. Miss Random I presume!



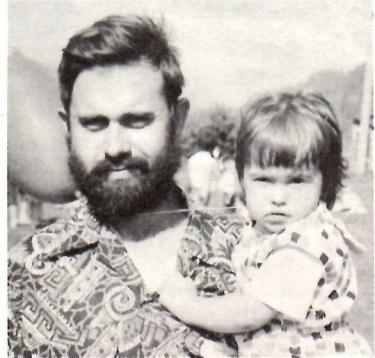
Refueling



Female fathom-eater



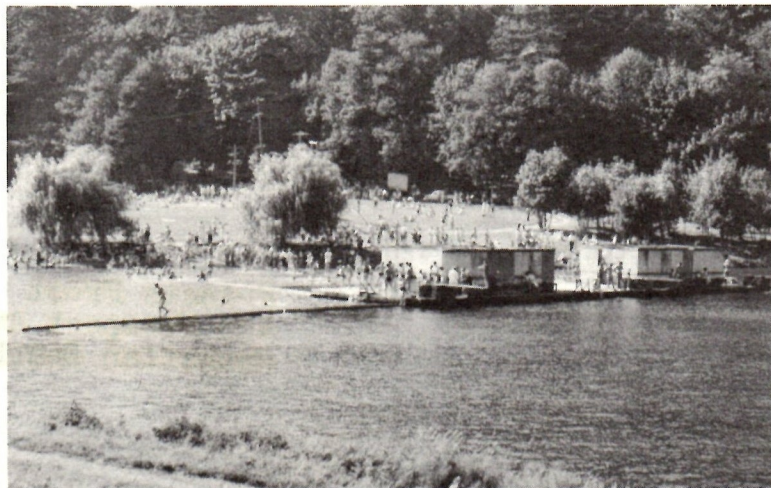
Reddest Beard



Now, can you shave daddy?



Blackest Beard



The water attracted young, very young and older young ones too.

## FRONT OFFICE FABLES

A delightful smorgasbord was attended by about twenty office girls August 14th. This is the third time the group has had a dinner to get better acquainted and of course a little better fed.

After the dinner a surprise bridal shower was given in honor of Audrey Enger at Ruth Haugsten's home. Dorothy VanMaren and Irene Foxton were co-hostesses.

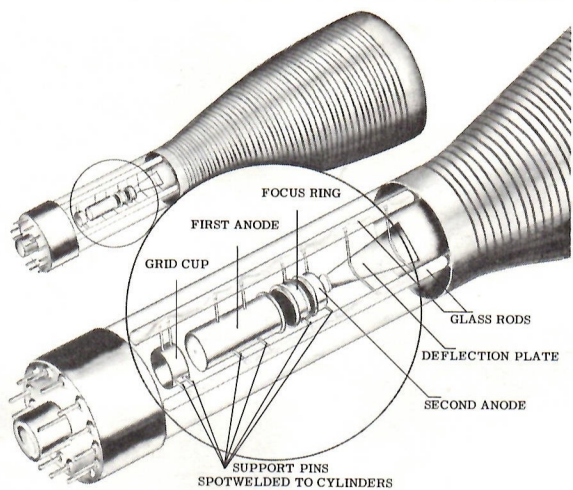
One of the cutest do-it-yourself items we have seen for a long time was made by Kitty Smith. Earrings made out of typewriter key buttons, just match your mood .. dubious, use the question mark button .. exuberant, try the exclamation mark!

Loella Smith, Kitty's daughter, recently returned from a long and eventful trip which included a visit on the floor during a session of the U. S. House of Representatives in Washington, D. C. only children under 12 years are allowed this privilege.

Margery Bardell has transferred from Field Info to Field Service and Jessie Bollinger has joined the Instrument Sales force. Ellen Huygens is leaving to return to Oregon State as a Junior in Business Education.

Marilyn Fuerst and Icel Schroeder both returned from a vacation and a bout with Ole Man Sol. Little bit of a toss-up who won but they did have some real camping and fishing. Don Kepler reports he just took it easy but we understand that he gave away a daughter in marriage and that 'tisn't easy. Leanne Garfield had two weeks of travel to Salt Lake City and other salty points. We all hope these people enjoyed thier vacation time.





## Small Parts Department....CRT Using Automatic Pin Welder

The spot pin-welder for the small cylindrical gun parts of the cathode-ray tube is a real boon to the Small Parts department of CRT. The machine is a product of the Model Shop, thanks to the inventive genius of Bob G. White.

This miraculous machine with its rotating electrode welds a series of four support pins around cylindrical parts at 90° angles. With a little adjustment of levers and push-buttons, it welds one series of four pins around the focus ring, or two series of four pins on either the anodes or grid-cup. The spacing between the two sets of pins as well as their perpendicular position in relation to the cylinder is mechanically controlled by the precision machine.

The cylindrical parts: focus rings, grid cups and anodes can now have the support pins welded to them at the rate of one part every 4 to 8 seconds depending upon the number of pins welded. This mechanization adds to the productivity of the Small parts group and contrasts with the very temperamental little spot pin-welder in use for the last few years.

The Automatic pin-welder is an air-cylinder operated, relay controlled device that feeds the cylindrical, purchased-parts from a magazine, (much like bullets into a rifle) onto a shaft (where the welding electrodes position the wire pin-stock), welds, cuts, rotates, and finally ejects, the finished part.

## Dx Dx Dx Dx Dx Dx Dx



The 1957 Tektronix picnic afforded the Tektronix Employees Radio Amateurs Club their first opportunity to use their newly acquired club station call sign, K7AUO. Above you can see Don Thiessen, W7BBH, using the portable station set up at the picnic grounds. Could it be that Don is just a little disgusted at the lack of fine DX signals to which he is accustomed at his home station? We did not do too well but this was probably due to an inadequate antenna. Equipment shown was provided by Bill Johnson, W7QF, the club's activities manager.

## FORE FORE FORE FORE!!

On Saturday, August 10th at 11:00 a.m., duffers and pros teed off in the annual Tektronix Golf Open at Forest Hills Golf Course. Although the sun was shining at the start, it wasn't long before typical Tek golfing weather set in-----RAIN!!!!!!

People got damp but not discouraged. After everyone had dried off and given their excuses for not breaking par, getting that eagle on the 6th hole, dropping that 40 foot putt, etc., the following golfers were given their just due:

Championship Flight	Low Gross Clair Kidd	81
	Low Net Dick Nelson	83 - 10 - 73
First Flight	Low Gross Hal Busch	86
	Low Net Bill Lowry	89 - 16 - 73
Second Flight	Low Gross Paul Bennett	92
	Low Net Ted Woodhouse	101 - 27 - 74
Men's "High" Gross	Gordon Bennett	138
Women's Flight (9 holes)	Low Gross Leanne Garfield	66
	"High" Gross Marybelle Rash	98
Men Guest (18 holes)	Jim Lucas (Low Gross)	98
Women Guest (9 holes)	Jane Fitzgerald (Low Gross)	63
Long Drive Men	Frank Thomas	
Long Drive Women	Jeanne Busch	
Closest to Pin Men	Bill Sedig	
Closest to Pin Women	Leanne Garfield	
Highest score on any one hole	Eleanor Hopper	
Wettest Golfer	John Whitesides	
Best Excuse	Otto Rothfuss	
Toughest Luck	Jim Peabody	

Honors for the tournament were won by Clair Kidd (low gross - 81) Paul Bennett (low net 92-21 - 71).

Hardest working golfer was Dick Nelson who tied both Clair Kidd for Championship Low Gross and Kevin Van Hoomissen for Championship Low Net. Dick played off 18 holes against Clair and lost out on the second nine. He managed to down Kev by one stroke in their play-off match to win low net honors.

Jim Peabody's broken club chip on the 15th hole was a wonder to behold.

The golfers finished the day with sandwiches and refreshments at the clubhouse. Each agreed that next year's scores would be different. Just wait!!!

## BIRTHS

Ray and Alice Crino	Daughter	July 29th
Denny and Bev Nelson	Son	Aug 10th
Carl and Marlene McIndoe	Son	Aug 15th
Marge and Bob Guthrie	Daughter	Aug 17th
Bud and Mary Rasmussen	Daughter	Aug 17th
Pat and Bud Cole	Son	Aug 17th
Terry and Aletha Brooks	Daughter	Aug 18th
Bob and Alvena Herren	Son	Aug 19th

## In Memory

MARGARET ANDREWS, a wonderful friend and co-worker, passed away August 24, 1957 after a long illness. The group in Coils that knew her best felt that these lines by an author they can't recall best express their thoughts at the news of her death.



Somewhere back of the sunset  
Where loveliness never dies,  
She lives in a land of glory  
With the blue and the gold of the  
skies.

We who have known and loved her  
Whose passing has brought sad  
tears,  
Will cherish her memory always  
To brighten the passing years.

## DELAYED LINES

Everyone is vacation minded this time of year but one of the most unusual trips of the year was Mary Kingsley's visit to Hawaii. She visited her sister there and on her return presented the girls in Coils with a lovely orchid.

Hazel Davis, a former employee now living in San Jose, California, paid the Transformer Department a visit recently.

Sharon McGrath and Chuck Umbright will be leaving us soon to attend Oregon State College. Chuck has worked with us the past two summers. Sharon just completed a year with Tek in August.

## keglers korner

June 14 launched the bowling season for the swing shift bowlers at the Beaverton bowl. Teams were made up of Tek's and some of their spouses. Twenty-four people turned out for the sport and teams were made up of three members each. The season lasted for only seven weeks, so those that wanted trophies, really had to get in and roll their games while the rolling was good.

Trophies were awarded for high game and high series with handicap, for men and women. Winners of these trophies were Mollie Veale, Unit Wiring high series 658; Lorraine Stewart, homemaker, high game 232; Bob Fields stock, high series 663; Ed Zablocki, test, high game 278.

Smaller trophies were also awarded to the members of the winning team. With eighteen points, the winning team was the FUTILE FEW: consisting of Doreen Carlson, Mech. Assy., Bob Johnson, Inst., Service; and Darlene Herreid, Unit Wiring. Prize money was shared by all teams according to the points they had won.

Tektronix, Inc.  
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Francis Frost  
439 Prospect Ave.  
Manhattan Beach, California

Request 3547

## UNIT WIRING



Bob Jackson, Group Supervisor on Swing Shift, was honored by the Unit Wirers prior to the birth of the newest Jackson, a baby girl.

The cake was baked by Donna Knapp. The baby's head was formed of candy in a mold made from a doll's face. The cake itself formed a bed complete with blanket and pillow.

## SHORT CIRCUITS

The Nite-Owls are still hooting. This month real loud as we have a very much welcomed new addition. (Come to think of it .... it's much louder at the Bud Rasmussen household). Kristina Marie arrived August 15th and Bud and Mary are very happy. So are we, and we wish the three of them the best of everything.

Mike Metcalf will leave Sept 26th to go to Oregon State College. We hope he will come visit us often; and we'll miss you Mike.

Edna Horine has been hospitalized recently. She is home now taking it easy ... Dr.'s orders. We hope she'll be reading this back at work. So ends the Nite-Owl news. Until next time Cheeio.



## C R TEEZERS



Connie Wilson works in gun assembly CRT and is one of the members of the softball team "Forest Grove Meadowlarks" that won the state championship in Eugene Aug. 8th thru 11th.

Other teks on this team are Janet Hoodenpyl, Monttie Wallis, Janet Ruhlin and Joyce Braukman from Ceramics. They played at Bremerton, Wash. August 22-25 in the Regional Tournament where winners are selected to go to the world Tourney at Buena Vista Park, California.

CRT is very proud of Connie as she was chosen All Star Outfielder 1957.

## SCREW CREW NEWS

Well, vacation days are almost over and Mechanical Assembly is back in full swing again. Among those who have taken their vacations in the past two months are these:

Harold and Regina Edmundson traveled to Frisco, Disneyland, Reno and home. Lucy Davis, south to the Mexican Border. Lena McIntosh to San Francisco via Reno and Disneyland. Merle and Tom Cole to the Inland Empire of Washington, Idaho and Montana. Jean Berlach went east to Chicago, Niagra Falls and Montreal. Ina Neidigh visited relatives. Kathy Hall stayed home and rested. Goldie Greco .... down by the sea shore.

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