

# TEK TALK

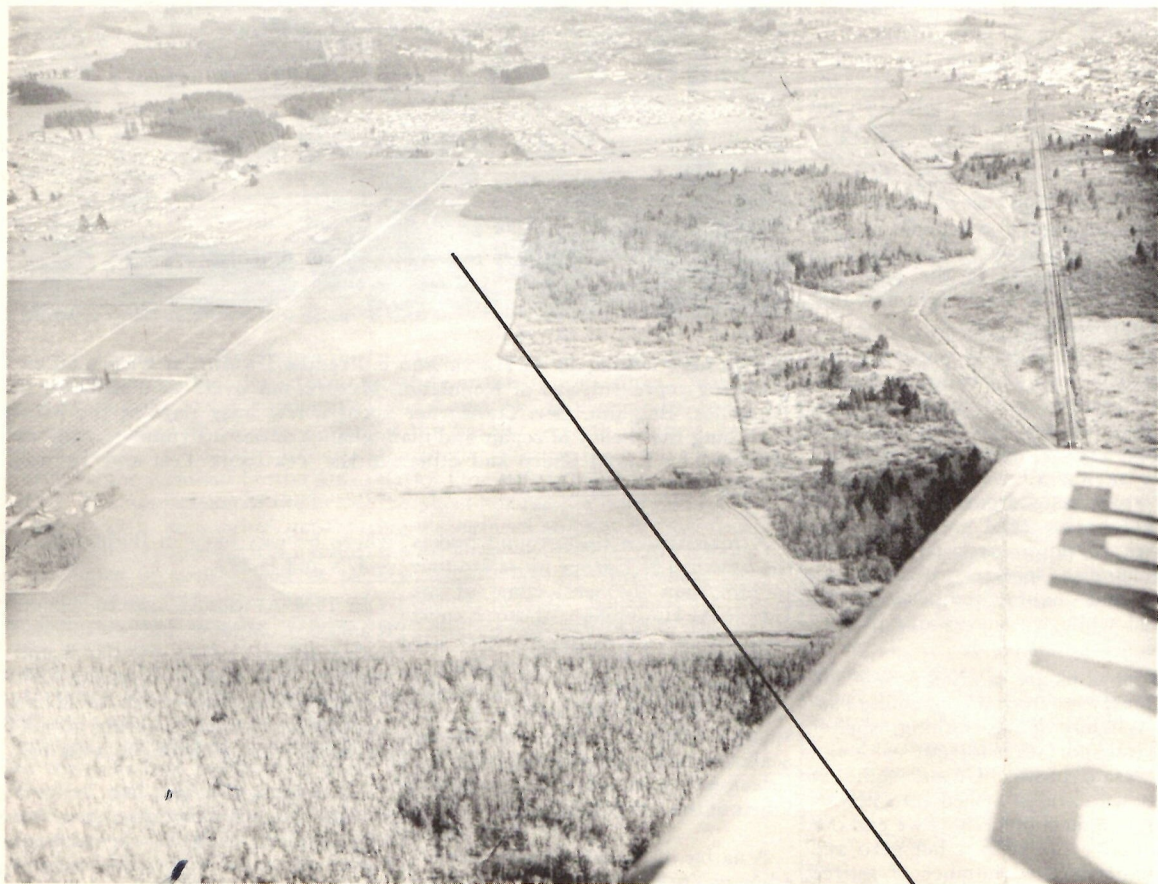
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**Tektronix Employee's Retirement Trust Industrial Park Tract.** Looking toward the east. Jenkins road on the left and railroad near the southern boundary, note the airport in far background.

## Production Buildings Shape Up In Industrial Park Area

Groundwork necessary to properly drain surface water was one of the concerns of Bill McCord's crew as they moved into the field south of Jenkins Road to begin construction of new production buildings for Tektronix. This preliminary work and the storm sewers have both been completed. Because of the flatness of the land and the fact that footings extend below the water-table, drainage has been a constant problem. With the storm sewers in, the excess water can be pumped away.

Footings have been poured without forms for the foundations of five units of the modular type building, so as not to disturb the dirt. Foundations were started as early as May 20th and columns for roof support went up soon afterward. The roof beams will be erected and in place before the end of June. This steady progress has required a crew of 70 people on construction and maintenance as well as twenty-five additional people involved in sub-contracts for the building.

Structural steel joists have been stored in a downtown warehouse

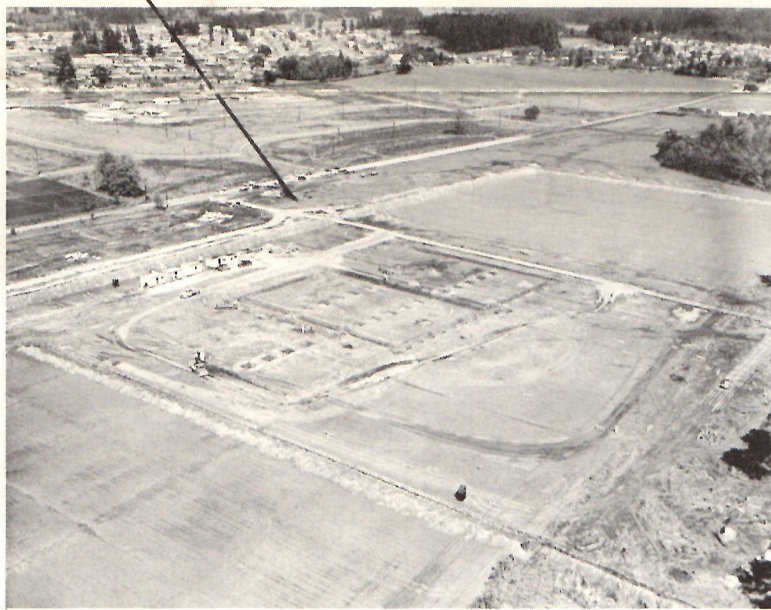
ready for the builders when the structure reaches the point that this material is required. Eight carloads of the steel are already on hand and it is expected that two more will be required. Macomber Joist Co. supplied the steel through their local representative, Portland Wire and Iron Works.

An old dock in the St. Johns area of Portland was purchased for salvage of the 4 x 12 timbers that are being used as a temporary corduroy road for trucks around the construction area. A 'cat' and loader are used within the area for moving material across the soft earth.

Water for the new buildings will be supplied from the Wolf Creek Water District by an 8" main when the facilities are completed. A 12" main will be laid across the east end of the Retirement Trust Industrial Park to serve the whole area and the 8" main will be coupled to this when it has been connected. At the present time a temporary 1½" plastic pipe carries water into the construction area from Jenkins Road.

Internal planning of the new production areas is now under study by people directly concerned with the use of the new building. Shipping, Test, and Assembly will be located in the three units of the north side of the building, with the shop and additional area of assembly located in the two units behind.

The additional 108,000 sq. ft. of production area will augment the present plant and may represent the first steps in an eventual development that will house all of the many departments of Tektronix under one roof. The extensions onto existing buildings at the main plant recently are a necessity that couldn't be postponed until a later time.



**The site of the new Production Building.** Line indicates area of tract that building will occupy.

## Recreation Committee Cast



From left to right: Bill Barnes, Evelyn Meyer, Paula Klahn, Betty Whiting, Bob Guthrie, Leanne Garfield, and Clair Kidd.

At the April 16th meeting of the Personnel Committee the group representatives decided that a recreation committee should be formed to correlate the company's participation with the various interested groups. Bowling, golf, flying and other clubs are encouraged to be active with as many members as care to join. As a company, Tektronix has not encouraged an organized recreation program but rather has encouraged individuals to form interest groups and offered support to their plans when it was requested.

The recreation committee was elected from a list of volunteers by the group representatives at the meeting of April 30th.

The first project at hand for their consideration, the annual picnic, was started with a plant-wide ballot that named MERWIN DAM as the picnic site for Saturday August 17th. Barbecued Beef and Ham will be the menu to attract the expected 5500 employees, families and guests. Other individuals will be named by the Recreation Committee to serve on committees for the picnic.

Interested individuals should let the Recreation Committee know if they would like to help with the plans for the picnic.

## Youth's Letter Prompts Tour

A seventh grade boy and his classmates interest in Tektronix brought this letter to the attention of our San Francisco office.

The envelope was marked 1436 El Camino Real, Menlo Park, California (no firm name given).

Dear Sir,

My names Donald Pilger and I'm thirteen and I'm in the seventh grade. Our rooms studying about Tektronix and I would like to know if you could send me and samples of what you make. Or if you can't please send me some panflats on Tektronix.

Your friend,

Don Pilger

Margaret Johnson, San Francisco, sent the letter along to Dal and Byron and encouraged some help for the boy. Recognizing the latent form of a budding scientist with normal boyhood difficulties in spelling, the Field Information Department took over and set up a tour of the Plant for Donny and some of his friends. They also received some 'pamflits' (spelling by M. J.) before they left the plant.

## Reject CRT's Help Serve Vet Program

Floyd H. Sliger, executive assistant of the Physical Medicine and Rehabilitation Service at the Veteran's Hospital, wrote Bill Webber recently to thank Teks for their interest in assisting the handicapped and disabled veteran.

Ella Hansen, acting as secretary to Derrol Pennington, was active in obtaining a generous supply of reject crt tubes for use by the Manual Arts Therapy Clinics at the hospital.

The tubes serve as an excellent modality for the rehabilitation program.

Quoting from the letter, "Your thoughtfulness of our hospitalized veteran is very gratifying and your participation in the greatest and most valuable of our possessions, the conservation of human resources is appreciated."

**Ed. Note:** When an imperfect product can be so effectively used the unavoidable waste of manufacturing is somewhat redeemed.

## Safety Meet Relayed

'Bunch' (Melvin) Dixon from Shop attended the May 16-17 Conference at the Multnomah Hotel in Portland called by Governor Holmes for the promotion of safety in industry.

A display of safety equipment believed to be the largest ever assembled in the Northwest was shown on the hotel's mezzanine. 'Bunch' brought back literature and information on items of interest to the Safety Committee at Tektronix.

'Safety Leadership' was the theme of the two day session. The 7th annual conference was sponsored by the State Industrial Accident Commission.

Tektronix safety factors are watched and cared for by five people in different sections of the plant. Where ever a safety hazard is noted it is reported to one of these people who then makes arrangements for a remedy or safeguard to eliminate or lessen the danger. Derrol Pennington, CRT; Jim Morrow, Model Shop and Production Engineering; John Taylor, Assembly; Earl Scott, Test; and Erwin Ashenbrenner, Shop are serving in this capacity at the present time.

## Testimonial To A Tek



At the request of Manager of Research, Dr. W. T. Sackett, Jr., Virgil Waldron of Kuhlman Electric Company—Bay City, Michigan, wrote a letter of appreciation for the manner in which Keith Williams of the Cleveland Office assisted them in understanding the operation of a recently purchased Type 535.

"He very capably answered all questions and was pleasant and courteous. He is a credit to your organization and we look forward to his next call."

Keith offered helpful suggestions by telephone and later spent a day giving them a thorough explanation of oscilloscope operation in general. This quality presentation in the field of a quality instrument manufactured here builds a continuing testimony of integrity that is synonymous with Tektronix.



# Tek Talk

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## Howard And His Family



Howard holding Larry, 18 months; Charlie, he'll be five in August; Kit and three year old Stevie.

## A HINT TO FATHERS ALL YEAR AROUND

What shall you give to one small boy?  
A glamorous game, a tinselled toy,  
A barlow knife, a puzzle pack,  
A train that runs on curving track?  
A picture book, a real live pet...  
No, there's plenty of time for such things yet.  
Give him a day for his own—  
Just one small boy and his dad alone.  
A walk in the woods, a romp in the park,  
Give the gift that only you can—  
The companionship of his Old Man.  
Games are out grown, and toys decay—  
But he'll never forget if you....  
"Give him a day."

Anon...

"If we want better people to make a better world, then we have to begin where people are made — in the family."



Located at 1675 S. W. Marlow Ave., the Credit Union is under the full time, able supervision of Manager Dick Manning. He has been in the field of credit for over twenty-five years. Assisting him are the two girls, Ruth Rolph and Sylvia Bean (in foreground).

## Saving Any Money?

Whenever a group of friends get together one of the questions thrown out for chit-chat along with the usual on your health, the weather, and the current problem of dandelions is the one: 'Are you saving any money?' The almost immediate reply is "... with the high cost of living... are you nuts?"

What we generally accept as the reason for our dilemma; the high cost of living, is in reality a product of our inability to save money. Putting ourselves out on a limb perhaps we would like to express the opinion that if a concerted effort was made by everyone earning a salary to not spend for a period of two to three months except for the essentials (and reduce these to basic needs) we could arrive at our true cost of living. Add to this amount a consolidated debt payment necessary to pay off "fool hardy" purchases of the past and then decide how much right now that we could start saving.

Once this saving program has started we can add to it any "wind-falls", bonuses, gifts, tax refunds etc. we may receive. We would make no further capital purchases until we were saving all we possibly could. Any purchases from this point on should be screened carefully. Purchases of 'gimmicks', poor quality merchandise, services we cannot afford, and luxury items should be halted while we survey our plan to save.

Most of us are salaried people and are pretty much on a consuming basis. We buy food, clothing, shelter and transportation for our use,—not for resale profit. Unless some of what we earn is turned into investment channels or savings we end our productive life with a big zero and an undetermined number of retired years to wonder how "to make ends meet." Social security, retirement plans and pensions may help but they are certainly not the answer to becoming financially independent.

It is now, in the era of high productivity and high employment, that we should think of saving some of what we earn so that we may put it to work for us. When you say, "I can't even save a nickel— (or a dime)"—think—would you continue at work if your income was reduced by that amount? And then think beyond that to a figure that would actually become a hardship.

Somewhere between the ridiculous amount of a nickel or a dime and the actual amount you'd find to be a burden is a fair figure that you might use to begin a savings program.

A great help to this long range plan for reducing the cost of living is our own Credit Union. You'll find able counsel there to direct your thoughts and they can show you where even short term loans need not disturb your long range plan to save. An incentive to begin a savings program will be offered soon by the Credit Union to attract new members and new "Savers". (Watch the bulletin boards for publicity of this plan.) They'll help you by setting up a payroll deposit plan which will automatically set aside any amount you decide from your paycheck.

The big difference between saving money the Credit Union way or some other way is—money. You earn more generally through your Credit Union. The amount varies but with a group as active as Tektronix a legal maximum dividend of 6% was declared last year. That's very good.

The method of computation for your dividend on Credit Union savings is based on share-months. A \$5 deposit (one share) held through six months to Dec. 31st would equal six share-months. Likewise, \$10.00 (two shares) held for six months is equal to twelve share-months. You spoil the plan by withdrawing before the date of record, December 31st. Keep 1000.00 on deposit until November—withdraw \$500.00 of it and you've lost \$500.00 (100 shares) for a period of 11 months. That's not good.

PUT IT IN—KEEP IT IN—BORROW IF YOU MUST BUT START BUILDING SAVINGS BEFORE YOU GO BUST!

## Continent Familiar To Export Member



Shown here talking to Al Hannmann is Freddie DuMortier who is an engineering representative of Regulation-Mesure, our overseas distributor in Bruxelles, Belgium. Mr. DuMortier spent a few busy days at the plant absorbing the theory of repair and maintenance of our instruments, capably imparted by Lloyd Sharp and others in the Tektronix Test and Taining groups.

A man whose background makes the by-ways of Europe more familiar to him than the west coast of the U.S. is Al Hannmann, of our Export Department. Al made his first trip to the west coast when he came to Tektronix direct from England in October of 1956. Before that he had spent all of his life on the eastern seaboard and a good part of the last fifteen years outside the continental limits of the United States.

A native of New Jersey, Al attended New York University and Cornell until his schooling was interrupted by World War II. He served in the Eighth Air Force and Married an English girl. Al and Kathleen have a lovely daughter, Lynn, age 10.

After the war Al went to work for Lockheed on an air-sea rescue contract that they had taken over from American Airlines in Iceland. Following this he continued with Lockheed at their Marietta, Georgia plant

where he was busy in flight testing B-47's and B-29's.

In 1954 Al moved over to Collins Radio Company and established their European operations with headquarters in London, England. His responsibilities and travels took him throughout Europe, covering all major cities from Helsinki to Istanbul.

Al speaks German but believes anyone can get along fine speaking only English. The Europeans have a good command of English and you can get along much better using it than trying to use "high-school" French or German.

Dal met Al in Hanover, Germany at a trade show where they became very well acquainted and as Al says, "Dal is a Junior Chamber of Commerce when it comes to sellin the Northwest." It sounded like a very good place to live and work and they're glad to be a part of the growing Tek family.

## Tek Scope Aids Cancer Research

by Lloyd Sharp

Electronics is finding its way into medicine in a big way these days, and Tektronix is playing no small part in these developments. Doctors are using pill-size FM radio transmitters which the patient swallows, to measure changes in pressure in the intestinal tract; electronic probes are recording brain waves and locating epilepsy-causing lesions, measuring nerve impulses and signals from the heart-beat; —and closed TV systems are aiding surgery instruction, protecting doctors while aligning patients and Cobalt bombs in radiotherapy treatments, and facilitating the study of living cells. This brings us to the main point of our story, an item contributed by Field Engineer Harry Allison.

Dr. M. J. Kopac, in the Medical Research Center of New York University, is engaged in cancer research. Dr. Kopac is studying single living cells with a technique which involves a welter of electronic gadgetry. His microscope is equipped with micro-manipulators and a TV camera. The cells under study are colored with a harmless dye, and their images appear on a 21-inch TV screen.

The micro-manipulator is a geared down set of tiny needle-probes under precise control of the operator. With this device, Dr. Kopac lifts the heart (called the nucleus) out of a healthy-living cell, then removes the nucleus from a living cancerous cell and places it in the healthy cell. Result: the healthy cell becomes cancerous. A tektronix oscilloscope connected to the TV receiver provides a method

of making critical measurements on this point. Here's how:

If you get close enough to a TV picture, you can see that it is made up of closely-spaced horizontal lines—more than 500 of them. A Tek Type 535, triggered from a certain part of the TV picture signal (called the "vertical sync"), can be made to measure any part of the picture signal, or add something special to it: a pulse which will brighten just one line on the picture-tube screen.

Turning a calibrated dial on the oscilloscope panel determines which line is brightened. Thus, when Dr. Kopac wants to know the diameter of the cell, or any part of it, he turns the dial, noting the dial reading as the brightened line touches the edges or parts of the cell image. He can gain further data by setting the brightened line so that it crosses the center of the cell, and applying the picture-signal for that line to the vertical input of the scope. The bright and dark portions of the cell appear on the screen of the scope as a bumpy line, the height of which at any point corresponds to the density of the cell at that point.

If great magnification is needed for fine detail, a special microscope is used with ultra-violet light and a UV sensitive TV camera tube. This system requires fast work on the part of the observers, because the UV light will kill the cells in 3 minutes.

Studies of this kind, by Dr. Kopac and many others in the cancer field, are advancing our knowledge of this dread affliction, and paving the way for control and perhaps eventual eradication.



# Phosphors... The Tracemaker

by Laura Lusk

When the "trace" flashes across the face of a cathode-ray tube, more than an electrical impulse is represented. The actions of many intricate parts and interesting people have been synchronized into this "patterned behavior". Not the least of these is the settling of the phosphor. It is the thousands of tiny luminescent phosphor crystals distributed evenly over the face of the tube that light up the picture flashing across the screen, or the trace that stands quivering in one spot for your inspection.

If you look in on the department in CRT where this phosphor is settled on the face of the tube, you will find a light cheerful room scrupulously clean. This care for cleanliness extends even to a precipitron that cleans the air entering the room and to the attractive lint-free dacon uniforms worn by the girls who work there.

When the envelopes (bottles, in the vernacular) enter this department, they have already had a conductive helix wound down the inside of the glass. A band of black dag connects the helix to the terminal button near the face. The application of the helix and dag belong to another department but the phosphor girls handle the envelopes in such a way as to avoid damaging them and the girls also check on helix and dag stability as the envelopes pass through the processes in the phosphor department. When a weak acid solution is put into the envelope for cleaning the inside face, no acid is allowed to touch the helix and the diluting and removal of the acid is followed by much spraying and rinsing. If you see someone rubbing and polishing and inspecting the upturned bottom of a bottle she is probably not trying to use it for a mirror. She will be checking for any minute imperfection in the glass, scratches, or evidences of incomplete cleaning. This acid cleaning is called etching, because a microscopic film is etched off the surface of the glass. Etched envelopes are placed over infra red heat lamps on a specially constructed settling table. A glass lined water tank keeps deionized water at about 50°C. and a flexible hose from this tank reaches each envelop on the settling table.

It is a dramatic moment when a row of prepared envelopes is arranged on this table with long necked plastic funnels suspended into each one. The lights are on, shining flasks of measured phosphor crystals in kasil and water are in place, and the barium acetate container with a graduated cylinder is at one side ready to be picked up by the girl whose turn it is to "settle". With an easy rhythm, she will fill the graduated cylinder with barium solution, and as the funnel fills she will measure the barium for the next envelop. When the water level reaches the proper height she moves the hose on to the next envelope. A vigorous swish of the phosphor flask and a quiet tipping of its contents into the first funnel completes the first envelope. As the operator moves on to the second, you may watch the phosphor being carried down the neck of the funnel in the first envelope. It passes thru a silk filter and is sprayed thru tiny holes around the tip of the funnel into the warmed, lighted water. The funnel is carefully removed and as you watch, the phosphor crystals settle slowly to the bottom leaving the solution in the envelope clear. If no foreign matter has entered the envelope, if the amounts of various materials have been correct, the timing of the operator has been good, and the positions of envelope, funnels, and water level well adjusted, the crystals will settle into a smooth, blemish free, coating of the face.

After a proper interval of time the envelope will be moved from the settling table and clamped onto a tilt table. The top of this table tilts very slowly at a uniform speed letting the water pour out of the envelope and off the phosphor coating without disturbing it. The sides of the envelope are rinsed with a gentle spray of

water and the face again inspected for any defects on the outside or any phosphor failure on the inside. The perfect ones are placed in an oven for a short bake. After this bake the phosphor coating will be well bonded to the glass and will be ready for the lacquer and aluminizing which follow.

This process is repeated many times over with small variations to accomodate the different kinds of crystals that make up the twenty or more types of phosphors we regularly settle. If you are lucky you might be watching when a two layered phosphor is put down—the P24 has a yellow coating near the face topped by a white one—or you might wonder about the intent expression on the face of the settler as she speculates on the P24 going down at all.

There will be the checking of temperatures to claim your attention, the cutting of the tiny silk filteres for the funnel tips, the mixing and filtering of the barium acetate solution, and the preparation of the phosphor flasks. One operator is busy weighing the phosphor for the flasks and adding a measured amount of kasil from the dispenser made especially for this operation. She also processes any phosphor crystals which must be specially treated before they can be settled. The checking and sorting of the completed envelopes takes a great amount of time and space too.

But always you will come back to the moment for which all the careful measuring and filtering and processing is done, the time of lights! action! phosphor!

## SCIMAREC

First lay the clay, or is it "lie"  
Then saw the strips when they are dry.  
Next drill the holes, not fast, not slow  
Now on thru glazing, white as snow.  
Next sponge the bottoms, clean and neat  
Then cut the notches, each complete.  
When fired in kiln, how they shine  
At this point silvering takes the time.  
Then fired again, now tinning neat.  
From there to studs, then bake repeat.  
It's nuts, space, paint, then in a box,  
The strip job's ended, put in stocks.  
There are caps, tubes, posts and turrets, too,  
Probe cups-- they can use quite a few.  
Right here my well of thot ran dry,  
Do hope this 'poem' will satisfy.

Inge Stromberg, married on May 11th was honored by a bridegroom shower. That frying pan will be put to good use won't it Inge?

Jack Gaeth was showered in honor of the birth of daughter Karen Ann on May 20.

May birthdays celebrated on May 27th with a dee-licious pie fest were: Rose Archer, Bev Furchner, Barbara Halverson, Jackie Franks, Janet Hoodenpyl and Helen Pemble.

## PLASTICATS

We were honored by a visit from a V.I.P. His friendly manner and charming ways endeared him to everyone and we hated to see him leave with Bob White. Take very good care of that Very Important Puppy, Bob.

The vacation bug has hit with a bang. Aloha Jernigan headed for San Diego, Elsie Gilbert to San Francisco and Val Arczynski to Wisconsin and Arkansas.

Bob Marchino has a very healthy respect for the saw now. Dame fortune must have been smiling at him the day he got his thumb in the way. A few stiches repaired it almost as good as new.

Betty Bohall finally caught a fish. After forty tries she deserved it.

## TRANSFORMERS

A gathering of friends at the Ron Van Dyke home near Forest Grove on May 11th featuring cards, music and chow was enjoyed by all.

The Lee Crocker home will be the scene of a sequel to Ron's party June 15th. Barbecued hamburgers are No. 1 on the menu.

Hildy Schmidling is thinking of turning in her Portland Beaver Stock unless the Bevus purchase a catcher!

Rennie Dayton, Transformers bowling champ, plans a vacation in Washington D.C. this year.

Gordon Sloat took an April leave this year to work on his new home. He was found topside working on the roof.

Chick Furchner seems to be trying out some European cars. We're wondering when we will see him toting the better half to work on a Vespa Motor Scooter.

"Playboy", Gil Gilbertson sporting a new twinkle in his eyes. May 31st is the wedding day. Congratulations Gil.

Soon it will be— sailing, sailing—for Dean Potticary. He's due for 2 years active duty in Coast Guard Blues.

Bruce Adam bought a new home in Cedar Hills. We understand his old home is for sale.

Education is taking in a few of the fellows here. Gil Gilbertson and Chuck Carrell attending Portland TV school; and Joe Ferris and Ron Van Dyke going to Multnomah College night school.

Ava Crawford is expecting number three in August.

Bob Newkirk, Little League manager, seeks a .476 hitter by late May.

Dick Zehoche and family look forward to a vacation in Iowa this year with relatives.

Jim Billiu decided against a new Hillman Husky in favor of his old Chevy.

Paul Zergenyi noted to be a nurseryman showed up at work the other day with a black eye. A little spring pruning and a frisky limb at fault.

Warren Riemann believes two can live as well as one. He'll try to prove this at Grants Pass on June 8th. Our congrats.

Ray Newton planning a vacation in July at which time he plans on getting married.

## CAPACITOR CAPERS

No rib ticklers are wanted at the Gene Anderson home. Harriet and husband Gene were in an accident Saturday, May 18. A car, running a red light, ran into them broadside and gave Gene some cracked ribs while Harriet suffered bruises and torn ligaments. They were returning from the airport after having seen her sister leave on a plane for California.

Results of the Northwest Bowling Tournament at Spokane in Class D were reported by Kay Bartmess. She said Parker's Furniture of the Scopette League were in 4th place. Winners of \$50.00.

## FRONT OFFICE FABLES

This team's lineup is changing drastically what with Catherine Case positioned to shipping; Lorraine Kinion fielding at printing; Leanne Garfield to battery (PBX) and Margaret Wittmayer relieving from sister league swing.

Barbara James and Yvonne Moran retiring in favor of the up and coming pee-wee league.

A few new rookies are Betty Jorgensen, Marge Hazen, Alice Stanley, Helen Berger and Jan Martin; however, Jan is taking off for New Hampshire via Los Angeles and South Carolina to join her husband. Helen Berger is our new PBX operator on Swingshift.

Ruth Haugsten vacationing in Las Vegas—length of stay— depending somewhat upon strength of right arm—deposits from office crew were taken for investing.

Ron Goard real startled by surprise baby shower given him—he's Grandpa for first time.

Audrey Enger's engagement announced for a September wedding.

Irene Foxton entering into the sport's car field with a TR3.

Anyone interested in Women's Bowling teams please contact Virginia Bartmess on 206.

## ACCOUNTING

A shower was given at the China Lantern on May 9, in honor of Nancy Goodman, bride-elect of Test's Dick Taylor. 23 girls were present.

The big day is set for June 9th, and according to Nancy it is 13 days 4½ hrs. away at the time of this writing.

We hear by way of the grapevine that Lt. Bob Newberry is quite a catch for some lucky girl—he can cook divine breakfasts and can also manage to look attractive early in the morning without aid of curlers or cold cream. (He looks so natural!) He does need a girl who can sew, though—his socks are on the way out.

Our department is blessed with 2 newcomers, Beverly Beumeler and Ray McGinley. Beverly is from Moscow, Idaho and has a newly drafted husband who is now the proud owner of a shaved head and khaki Bermuda shorts. He is on his way to Fort Lewis for an extended visit.

Ray has six boys and a wife in Roseburg, but he hopes to find a large house near the plant in the near future so his family can join him.

## SHORT CIRCUITS

The Nite-Owls are still hooting. Some are vacationing, some are hospitalized, some are just home sick and everybody is switching from group to group.

To quote Pat Michner... "Funny thing about vacation time, everyone is in such a toot to leave. Maybe they feel the weather will be nicer where they go. When they reach their destination they more than likely find the weather is just at juicy (rainy) and could have just as well stayed at home to do their sitting around at much less expense but ah well, such is life, eh?"

Karleen Burkholder is leaving on June 8th for Port Angeles, Lea Thompson left May 27 for Eastern Oregon; Jeanean Warwick is leaving June 7 for Seattle to join her husband who is employed at Boeing; Kathy Bryan will be in Mexico after June 20. That means more leather for more purses for the Tek girls.

Verna Terry is to vacation in Michigan two weeks in July; Lucille Powers will trek to Chicago for her rest. Donna Knapp will be in the Southwest and Mexico; Mollie Veale is in Missouri for two weeks and stated before she left, "If a tornado comes, I'll fly to New York but quick".

Pat Guard transferred to Capacitors. Marge Furukawa probably will not go clamming for a while. Too much sand huh Marge?

Ilene Wence had her tonsils out and her throat was so sore she couldn't say "no", so now she is Mrs. Paul Souther. The happy event took place May 11 at Goble, Oregon. Paul is in the Navy stationed at Moffett, Calif. We all wish her much happiness.

Bev Cloninger was operated on May 21. Winnie Ninneman was operated on May 28. We wish them both a speedy recovery and hope they will be back soon.

Barbara Warren is home with a cracked rib and Doris Rothenberger has been under the weather too. Hurry back kids.

Bud Rasmussen went fishing in Eastern Oregon and fell in a Beaver hole. Gee we are glad he came back safe and sound.

Our second half of bowling is over. Everyone enjoyed it and would like to have a summer league. The group turned out some pretty good bowlers. Barbara Warren will have another trophy for second highest game with a handicap of 250. During the first half of bowling she received one for the most achievement. Congrats Barb. You've done well.

Cathy Meyer took high series scratch with a 550 for a nice trophy. Congratulations to you Cathy.

Mollie Veale's husband, Harold, took first in sweepstake with a 242 with handicap to win \$4.50. Is she proud of him!

## Tek Trainer To Take Tour

Dave and Joyce Spinks are leaving this month for a motor tour through fifteen foreign countries to satisfy the fulfillment of a lifelong desire.

This summer will mark the culmination of two years of planning on the part of Joyce and Dave. They like to travel and the idea that an European jaunt was at all possible grew from a chance remark as they finished a southwestern trip in the United States on their last vacation. "Why not Europe?"

France, Belgium, Holland, Denmark, Sweden, Germany, Luxembourg, Switzerland, Austria, Italy, Spain, England, Scotland, Northern Ireland and Ireland will be toured in roughly this order. The trip will take approximately two and a half months and cover a distance of nine to ten thousand miles. They will leave Portland by air on June 28th via United Air Lines to New York and Pan Am to Paris. On arrival in Paris they plan to lease an auto for their tour (self-guided for the most part) and return from the continent on Sept. 15th, again, by air.

They plan on meeting Gilbert Augenieux in Paris who will escort them on their tour of the famous French metropolis. Gilbert was here at Tektronix for about three months (Aug.-Oct.) in 1956. A student of Law and Business, Gilbert received a scholarship for foreign study. He was briefed in many departments as part of his training in American business practices and administration.

If time and circumstances allow Dave hopes to include visits to each of the Tektronix foreign distributors in the countries they visit. Two to three days will also be allowed for stopover in both New York and Washington D. C.

**Ed. Note:** Dave plans on making extensive photographic record of his trip. We hope to hear from him enroute and look forward to viewing some of his film when he returns.

## Whats Under The Hood



Unlike the Arab, who folds his tent and steals away, Edna crawls under hers and stays all day. What's under there, what's it all about? The rumors are wild, some people even shout!

(She's an atomic scientist, checking radio fall-out)

(She's in contact with a racetrack, a female tout)

It's a hot plate, she fixes eggs and toast)

(She thinks she's Martha and has the Most!)

(She's an electronics genius testing our scopes)

(She's just like Garbo, stays alone and mopes.)

(One day she yelled "they're here again", People heard her talking to some little men)

(She found a wrinkle she thinks a disgrace She stays under all day and fixes her face!)

These guesses are fantastic—None are true.

I have the facts to pass on to you.

I know her secret, why she lets no one in.

(It's a special device to test her bathtub gin!)

By an unknown author by the name of Mickey Kockich about Edna Uhlrich.

**ED. NOTE:** We've asked for an article written by Edna—where the REAL truth will be found.



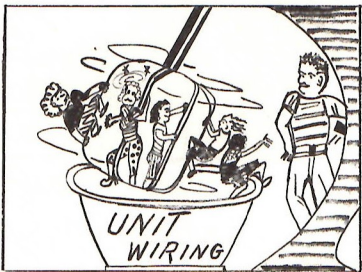
See Story on Page 1 —



Lee and his four charges stopped in Transformers long enough for Ed Egan to photograph them. They are Roger Wagner, Sydney Frank, Guy Kruetz and Donald Pilger. Lee left recently on transfer to the Baltimore office. He stopped over at the University of New Mexico in Albuquerque where he received his Master of Science degree in Electrical Engineering.

### THE MERRY MIX UP

D'you want a ride? When they're hiring,  
Just get a job in Unit Wiring.  
This place is a mixmasters dream  
and some mixmaster's on the beam!  
When everyone is settled down  
Along comes some darn stupid clown—  
"Say, for some reason, all is quiet.  
HOW ABOUT A CHANGE IN DIET!"  
I'm sick of these old hens & chicks  
We'll mix 'em up. How's that for tricks?  
We'll drive them to the nth degree  
Then practice our psychology.  
When we're done, if they're all sane  
We'll switch them all right back again!!  
So be their newest prote'ge  
And get all this besides your pay  
If you end up with tranquilizers  
We'll be your staunchest sympathizers.



### KIT PREP



#### FAREWELL GOOD LUCK AND WELCOME BACK!

Leonard Mason left Friday, May 3rd for a well earned vacation. He planned a leisurely trip through the land of sunshine and points south. Leonard had a little unspent vacation from last year that gave him some additional time to travel with wife Grace and son Steve before returning to Tek.

On his return he joined Unit Wiring as a group leader. We will miss him as he was our "boss" for 14 months. (During that time Kit Prep burst the seams several times from a group of 10 to 24 and twice as many kits to assemble.)

Len became quite confused upon opening his 'going away' presents. Four nicely wrapped gift boxes—then a pair of red, white and blue shorts were unveiled with a tag, "Do It Yourself". A reminder that gardening, painting, etc. should be finished before his trip started. Away down in the box were rolls of movie film—and what a change of expression on Len's face.

Irene Wilson, Kit Prepper, became Bob Wing's bride on April 27. Arlete Burr and husband Perry helped Cupid find the right road back to Chehalis and escorted the newly weds to Portland.

Phil Mallery is welcomed as new supervisor of Kit Prep. (Headache pills and crying towels are furnished if the modifications come in at a faster rate than expected, Phil.

Jim Tennyson transferred in from Transformers and with his 6' 7" in height is a welcome addition to the group. He can reach the highest stock box!

Connie Luckenbach is a full fledged Kit Prepper; and is fast becoming an experienced rancher. She has a budget set up for her three month profit share to insure that her animal population will be well fed until her deep freeze arrives.

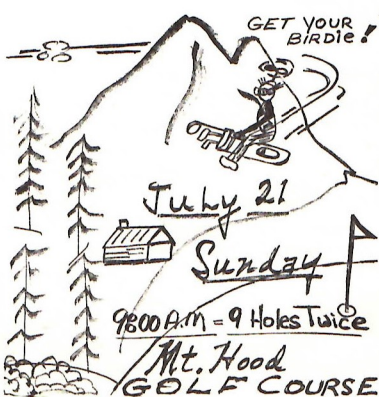
## Recent Births And Marriages

### MARRIAGES

Margaret (Garrett) and Ralph Livermore	4-5-57
Pius Scheer to Ina Irene Moore	4-26-57
Marcille Holmes to Ronald L. Clark	3-23-57
Charlene Martin to Edward Colby	5-4-57
Inge Stromberg to Rosalee Clarmore	5-11-57
Mavis Harn to Robert Haller	5-11-57
Regina Cosby to Harold Edmundson	5-14-57
Ivolute Evans to Edwin Takkumen	5-15-57
Jim McGill to Delores Gunderson	5-17-57

### BIRTHS

Tom and June Ruyle	Daughter	3-25-57
Ivan and Mary Arnold	Daughter	3-27-57
Michael and Mary Park	Son	4-6-57
Verl and Sharon Smith	Daughter	2-27-57
Ralph and Marian Walter	Daughter	2-5-57
Robert and Patricia McIntosh	Daughter	4-5-57
Gerald and Patsy Smith	Daughter	4-14-57
Dick and Rita Place	Son	4-18-57
Allen and Barbara Peecher	Son	4-26-57
Pete and Shirley Parsons	Son	4-12-57
Joe and Cecelia Jameson	Son	4-29-57
Vincent and Dorothy Bail	Son	5-1-57
Ralph and Marjory Hoffmeister	Daughter	5-5-57
Robert and Jeanette Poulin	Son	5-21-57



### COILS

Arlyne Wohlgemuth is a "catty" person... she is proud of it in fact. Arlyne raises Siamese kittens! Her Siamese Blue Point male novice, "Fan-tee-Cee's Shan Fang of Phil-Lori's" was only male Siamese cat to win from the Northwest in the Annual Quad. Cat Show at Oakland, Cal. in March. Shan also appeared on television in the "Lady of the House" program.

Shan received two trophies and two rosettes and one rosette for best of color in the four shows. The cattery, "Phil-Lori's" is registered with three national organizations and they have kittens the year around.

### SCREW CREW NEWS

Regina Cosby and Harold Edmundson were married in quiet ceremony on May 11. The happy couple were presented with a Sunbeam deep fryer by the Gift Fund. They spent a nice weekend at the beach. A happy and wonderful life together is wished for them by all the crew.

Nan Cooper was happily surprised the other night when her husband, Corporal Dick Cooper, walked in on her for a 30 day leave of absence from the Munich, Germany post where he has been for the last 18 months. Dick saw his one year old son Ricky for the first time.

Frances Pierce and Jewell Umbrite are both wished a speedy recovery from their recent hospital stays.



Hal Busch accepts trophy from Clair Cooper of SAWYERS. Trophy is a ten year-annual match award.

## The Beggars Report

The Beggar's Dozen Investment Club completed its second year of investment this month with \$2618.42 in the till, according to Fred Tinker, outgoing treasurer. The Club had an outstandingly low membership turnover with six of the seven original members still active.

Financially the Club has little to complain about with a profit of \$728 and 42 cents on an average investment of \$864.92. This is equivalent to an interest rate of 40 per cent compounded annually. Most of this profit was earned this year under the leadership of outgoing president, Henry Scott.

Newly elected officers are Kes Hotte, President; George Roussos, V.-President; Jack Stoll, Secretary; and John Dureka, Treasurer. Meetings are held the second Tuesday of the month and are open to visitors. Membership has grown to ten members with one opening remaining within the limit of eleven set by the Club's charter.

## Tale Spinners



Jack Cassidy, Eastern Division Manager, gave us a good run down on his flight activities and among other things reported the enthusiasm that his boys John and Bob have for aircraft. They are both eager to go up anytime Jack offers to take them. Johnnie (age sixteen and six ft. tall) recently demonstrated an excellent flight with a model Aeronca and power plant. Both boys are interested in building model planes.

A year ago Tektronix added another enthusiastic club when the Employees Flying Club reorganized with the purpose of supplying minimum cost instruction and education in flying. The year began with the purchase of two aircraft for basic and advanced flying instruction. A piper J-3 was selected for basic instruction and a Piper Tri-Pacer was chosen for cross-country and four-place flight. This spring has seen the addition of a late model Luscombe 8-F two-place airplane to the fleet for extended trips. This is a fast, trim, and economical aircraft.



THE WINNERS. Kneeling, left to right: Lee Cooper, Cliff Wilson, Jim Peabody, Ted Woodhouse, Hal Busch, Byron Broms and Ed Egan. Standing, left to right: Hawkin Au, Bob Leipzig, Tony Klobertanz, Allen Peecher, Bob Guthrie, Frank Thomas, Ed Hopper, Jim Zika, Joe Almand, Kevin Van Hoomissen, Bob Newberry. Missing from picture are: Clair Kidd, Bob Fitzgerald, Walt Dederick, Paul Adamson, Warren Trask, Lee Mason and Forrest Shiflett.

THE DISEASE  
OF  
HEEDLESS  
HORSEPOWER  
IS  
contagious!  
DON'T GET  
contami-  
nated!

Anna Mary Bruner  
3775 University Blvd.  
Houston, Texas



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